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Maintenance Resources by Building Use for U.S. Army Installations

Volume III: Appendices I Through P

by
Edgar S. Neely
Robert D. Neathammer

This research project provides improved maintenance resource data for use during facility planning, design, and maintenance activities. Data bases have been developed to assist planners in preparing DD Form 1391 documentation, designers in life-cycle cost component selection, and maintainers in resource planning. The data bases are useful to U.S. Army Corps of Engineers (USACE) headquarters, Army Major Commands, and installations. These research products may also be useful to other Government agencies and the private sector.

This report describes the building task maintenance and repair data bases. It is one of a series of special reports on building maintenance and repair. Volue I is the main text, Volume II is Appendices A through H, and Volume III is Appendices I through P.

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13. ABSTRACT (Maximum 200 words)

This research project has provided improved maintenance resource data for use during facility planning, design, and maintenance activities. Data bases and computer s systems have been developed to assist planners in preparing DD Form 1391 documentation, designers in life-cycle cost component selection, and maintainers in resource planning. The data bases and computer systems are being used by U.S. Army Corps of Engineers (USACE) designers at the District and installation levels and by resource programmers at USACE Headquarters, and Army Major Commands and installations. These research products may also be useful to other Government agencies and the private sector.

This report describes the building task maintenance and repair data bases. It is one of a series of special reports on building maintenance and repair. Volume I is the main text, Volume II is Appendices A through H, and Volume III is Appendices I through P.

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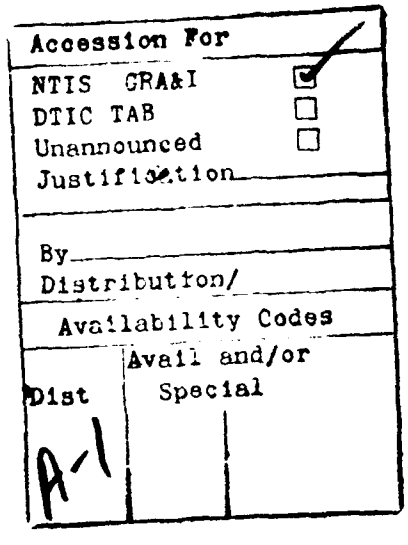
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FOREWORD

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APPENDIX I:

COMPONENT AND TASK DESCRIPTIONS

CACES DESCRIPTION

0300000 ROOFING

0310000 ROOFING
0311000 ROOF COVERING
0311100 BUILT-UP ROOFING
0311101 DEBRIS REMOVAL-HAND & VIS.INSPECT.-BLTUP
0311102 MOISTURE INSPECTION OF ROOF BUILTUP
0311103 MINOR MEMBRANE REPAIRS - BUILT UP ROOF
0311104 MINOR MEMBRANE REPLACEMENT - BUILTUP RF.
0311105 FLASHING REPAIRS - BUILTUP ROOF
0311106 PLACE NEW MEMBRANE OVER EXSTG.BUILTUP RF
0311107 MEMBRANE REMOVAL & REPLACEMT.BUILTUP RF.
0311200 SINGLE PLY ROORING
0311210 MOD. BITUMINOUS / THERMOPLASTIC
0311211 DEBRIS REMOVAL-HAND & VIS.INSPCT-M.B./T.
0311212 MOISTURE INSPECTION - M.B. /THERMOPL.
0311213 MINOR MEMBRANE REPAIRS - M.B./T.
0311214 REPAIR MOD. BITUMINOUS / THERMOPLASTIC
0311215 FLASHING REPAIRS MOD. BIT./ THERMOPL.
0311217 MEMBRANE REPLACEMENT OR REPAIR M.B./T.
0311220 THERMOSETTING
0311221 *DEBRIS REMOVAL & VISUAL INSP.- THERMOSET*
0311222 MOISTURE INSPECTION - THERMOSETTING
0311223 MINOR MEMBRANE REPAIRS - THERMOSETG.
0311224 MINOR REPLACEMENT - THERMOSETTING
0311225 FLASHING REPAIRS - THERMOSETTING
0311227 MEMBRANE REPLACEMENT - THERMOSETTING
0311300 STEEP ROOFING
0311310 SLATE
0311312 NON-DESTRUCTIVE MOISTURE INSPECT.-SLATE
0311313 REPAIRS - SLATE ROOF
0311314 MINOR TILE REPLACEMENT - SLATE ROOF
0311315 FLASHING REPAIRS - SLATE ROOF
0311317 TOTAL ROOF REPLACEMENT - SLATE ROOF
0311320 CEMENT ASBESTOS
0311321 DEBRIS REMOV.BY HAND+VIS.INSP.-CEMT ASB.
0311322 NON-DESTRUCT.MOISTURE INSPECT.-CEMT ASB.
0311323 REPAIR - CEMENT ASBESTOS ROOF
0311324 MINOR REPLACEMENT - CEMENT ASBESTOS
0311325 FLASHING REPAIR - CEMENT ASBESTOS
0311327 TOTAL ROOF REPLACEMENT - CEMENT ASBESTOS
0311330 TILE
0311331 DEBRIS REMOV.BY HAND & VISJAL INSP.-TILE
0311332 NON-DESTRUCTIVE MOISTURE INSPECT.- TILE
0311333 REPAIR - TILE ROOFING
0311334 MINOR REPLACEMENT - TILE ROOF
0311335 FLASHING REPAIR - TILE ROOF
0311337 TOTAL ROOF REPLACEMENT - TILE ROOF
0311340 ROLL ROOFING
0311341 DEBRIS REMOV.BY HAND & VIS.INSP.-ROLL RF
0311342 NON-DESTSRUCT.MOISTURE INSPECT-ROLL RFG.
0311343 MINOR ROOFING REPAIR - ROLL ROOFING
0311344 MINOR REPLACEMENT - ROLL ROOFING
0311345 FLASHING REPAIRS - ROLL ROOFING
0311347 TOTAL ROOF REPLACEMENT - ROLL ROOFING

CACES DESCRIPTION

0311350 SHINGLES
0311351 DEBRIS REMOV.BY HAND & VIS.INSP.-SHIN F
0311352 NON-DESTRUCTIVE MOISTURE INSP. - SHINGLE
0311353 MINOR REPAIRS - SHINGLED ROOF
0311354 MINOR REPLACEMENT - SHINGLED ROOF
0311355 FLASHING REPAIRS - SHINGLED ROOF
0311356 REPLACE NEW OVER EXISTING-SHINGLED RFG.
0311357 REMOVAL AND REPLACEMENT OF SHINGLED ROOF
0311360 METAL
0311361 DEBRIS REMOV.BY HAND+VIS.INSP.-METAL RFG
0311362 NON-DESTRUCT.MOISTURE INSPECT.-METAL RFG
0311363 MINOR REPAIRS - METAL ROOF
0311364 MINOR REPLACEMENT - METAL ROOF
0311365 FLASHING REPLACEMENT - METAL ROOF
0311367 TOTAL METAL PANEL REPLACEMENT-METAL ROOF
0311370 FIBERGLASS RIGID,STEEP ROOF
0311371 DEBRIS REMOVE HAND&VIS INSP-RIG FIBERGLS
0311372 MOISTURE INSP. NON-DEST.-RIGID FIBERGLS
0311373 MINOR REPAIRS - RIGID FIBERGLASS ROOF
0311374 MINOR REPLACE - RIGID FIBERGLASS ROOFING
0311375 FLASHING REPAIR -RIGID FIBERGLAS ROOF
0311377 TOTAL ROOF REPLACE.-RIGID FIBERGLAS ROOF
0311380 CONCRETE,SEALED PANEL STEEP ROOF
0311381 *DEBIS REMOVE HAND&VIS INSP-CONC SEAL PNL*
0311382 MOISTURE INSP NON-DEST CONC SEAL PANEL
0311383 MINOR REPAIR - CONC,SEALED PANEL ROOF
0311384 MINOR REPLACE - CONC, SEALED STEEP ROOF
0311385 *FLASHING REPAIR - CONC, SEALED PANEL*
0311387 PLACE NEW MEMBRANE-CONC, SEAL PANEL ROOF
0311400 FLAT PANEL ROOFING
0311410 CONCRETE, SEALED PANEL ROOFING
0311411 DEBRIS REMOVE HAND&VIS INSP-CONC SEAL PN
0311412 MOISTURE INSP NON-DEST CONC, SEAL PANEL
0311413 MINOR REPAIRS - CONC,SEALED PANEL ROOF
0311414 MINOR REPLACE - CONC, SEALED PANEL ROOF
0311415 FLASHING REPAIR - CONC, SEALED PANEL RF
0311417 PLACE NEW MEMBRANE-CONC, SEALED PANEL RF
0311420 CONCRETE, SEALED POUR-IN-PLACE
0311421 DEBR REMVAL HAND&VIS INSP-CONC,SEAL PIP
0311422 MOIST INSP NON-DEST - CONC, SEAL PIP
0311423 MINOR REPAIRS - CONC, SEAL, POUR IN PL
0311424 MINOR REPAIRS - CONC,SEAL, POUR IN PL
0311425 FLASHING REPAIRS - CONC, SEAL POUR IN PL
0311427 TOTAL ROOF REPLACE - CONC, SEAL, P IN PL
0311430 FIBERGLASS, RIGID ROOF
0311431 DEBRIS REMOVE HAND&VIS INSP-RGD FIBERGLS
0311432 MOISTURE INSP, NON-DEST RIGID FIBERGLAS
0311433 MINOR REPAIRS - RIGID FIBERGLASS ROOF
0311434 MINOR REPLACE - RIGID FIBERGLASS ROOF
0311435 FLASHING REPAIRS - RIGID FIBERGLASS ROOF
0311437 TOTAL ROOF REPLACE - RIGID FIBERGLAS RF

0400000 EXTERIOR CLOSURE

0410000 EXTERIOR WALLS
0411000 EXTERIOR WALL CONSTRUCTION

CACES DESCRIPTION

0412000 INTERIOR SKIN CONSTRUCTION
0413000 SCREEN WALLS
0414000 SOFFITS AND FACIA
0415000 EXTERIOR FINISHES
0415100 ADOBE EXTERIOR FINISH
0415110 ADOBE EXTERIOR FINISH FIRST FLOOR
0415112 REPAIR ADOBE EXTERIOR WALL - 1ST FLOOR
0415113 REFINISH REPAIRED ADOBE EXT.WALL 1ST FL.
0415114 REFINISH ADOBE EXTERIOR WALL 1ST FLOOR
0415115 REPLACE ADOBE EXTERIOR WALL - 1ST FLOOR
0415116 REFINISH REPLACED ADOBE EXT.WALL 1ST FL.
0415120 ADOBE EXTERIOR FINISH SECOND FLOOR
0415122 REPAIR ADOBE EXTERIOR WALL - 2ND FLOOR
0415123 REFINISH REPAIRED ADOBE EXT.WALL 2ND FL.
0415124 REFINISH ADOBE EXTERIOR WALL 2ND FLOOR
0415125 REPLACE ADOBE EXTERIOR WALL - 2ND FLOOR
0415126 REFINISH REPLACED ADOBE EXT.WALL 2ND FL.
0415130 ADOBE EXTERIOR FINISH THIRD + FLOOR
0415132 REPAIR ADOBE EXTERIOR WALL - 3RD+ FLOORS
0415133 REFINISH REPAIRED ADOBE EXT.WALL 3RD+FL.
0415134 REFINISH ADOBE EXT. WALL 3RD + FLOORS
0415135 REPLACE ADOBE EXTERIOR WALL - 3RD+FLOORS
0415136 REFINISH REPLACED ADOBE EXT.WALL 3RD+FL.
0415200 CLAY BRICK EXTERIOR FINISH
0415210 CLAY BRICK EXTERIOR FINISH FIRST FLOOR
0415212 REPAIR CLAY BRICK EXTERIOR WALL -1ST FL.
0415215 REPLACE CLAY BRICK EXTERIOR WALL-1ST FL.
0415220 CLAY BRICK EXTERIOR FINISH SECOND FLOOR
0415222 REPAIR CLAY BRICK EXTERIOR WALL-2ND FL.
0415225 REPLACE CLAY BRICK EXTERIOR WALL-2ND FL.
0415230 CLAY BRICK EXTERIOR FINISH THIRD+ FLOOR
0415232 REPAIR CLAY BRICK EXTERIOR WALL-3RD+ FL.
0415235 REPLACE CLAY BRICK EXTERIOR WALL-3RD FL.
0415300 CLAY BRICK (PAINTED) EXT. FINISH
0415310 CLAY BRICK (PAINTED) EXT. FIN. FIRST FL.
0415312 REPAIR PNTD CLAY BRICK EXT.WALL 1ST FL.
0415313 REFIN.REPAIR.PNTD CLAY BRICK EXT.1ST FL.
0415314 REFIN.PNTD CLAY BRICK EXT.WALL 1ST FL.
0415315 REPLACE PNTD.CLAY BRICK EXT.WALL 1ST FL.
0415316 REFIN.REPLCD PNTD.CLAY BRICK EXT.1ST FL.
0415320 CLAY BRICK (PAINTD) EXT. FIN. SECOND FL.
0415322 REPAIR PNTD CLAY BRICK EXT.WALL 2ND FL.
0415323 REFIN.REPAIR.PNTD.CLAY BRICK EXT.2ND FL.
0415324 REFIN. PNTD. CLAY BRICK EXT.WALL 2ND FL.
0415325 REPLACE PNTD.CLAY BRICK EXT.WALL 2ND FL.
0415326 REFIN.REPLCD.PNTD.CLAY BRICK.EXT.2ND FL.
0415330 CLAY BRICK (PAINTD) EXT. FIN. THIRD+ FL.
0415332 REPAIR PNTD.CLAY BRICK EXT.WALL 3RD+FLS.
0415333 REFIN.REPAIR PNTD.CLAY BRICK EXT.3RD+FL.
0415334 REFIN. PNTD.CLAY BRICK EXT.WALL 3RD+FLS.
0415335 REPLACE PNTD.CLAY BRICK EXT.WALL-3RD+FL.
0415336 REFIN.REPLCD.PNTD.CLAY BRICK EXT.3RD+FL.
0415400 CONCRETE BRICK EXTERIOR FINISH
0415410 CONCRETE BRICK EXTERIOR FIN. 1ST FLOOR
0415412 REPAIR CONCRETE BRICK EXT. WALL 1ST FL.

CACES DESCRIPTION

0415415 REPLACE CONCRETE BRICK EXT.WALL 1ST FL.
0415420 CONCRETE BRICK EXTERIOR FIN. 2ND FLOOR
0415422 REPAIR CONCRETE BRICK EXT.WALL 2ND FL.
0415425 REPLACE CONCRETE BRICK EXT.WALL 2ND FL.
0415430 CONCRETE BRICK EXTERIOR FIN. 3RD FLOOR
0415432 REPAIR CONCRETE BRICK EXT.WALL 3RD+ FLS.
0415435 REPLACE CONCRETE BRICK EXT.WALL 3RD+FLS.
0415500 CONCRETE BRICK (PAINTED) EXT. FINISH
0415510 CONCRETE BRICK (PNTED) EXT. FIN. 1ST FL.
0415512 REPR.PNTD.CONCRETE BRICK EXT.WALL 1ST FL
0415513 RFN.RPRD.PNTD.CONC.BRICK EXT.WALL 1ST FL
0415514 REFN.PNT.CONCRETE BRICK EXT.WALL 1ST FL.
0415515 REPLC.PNTD.CONCR. BLOCK EXT.WALL 1ST FL.
0415516 RFN.RPLC.PNTD.CONC.BRICK EXT.WALL 1ST FL
0415520 CONCRETE BRICK (PNTED) EXT. FIN. 2ND FL.
0415522 REPR.PNTD.CONCRETE BRICK EXT.WALL 2ND FL
0415523 RFN.RPRD.PNTD.CONC.BRICK EXT.WALL 2ND FL
0415524 REFIN.PNTD.CONCR. BRICK EXT.WALL 2ND FL.
0415525 REPLC.PNTD.CONCR. BRICK EXT.WALL 2ND FL.
0415526 RFN.RPLC.PNTD.CONC.BRICK EXT.WALL 2ND FL
0415530 CONCRETE BRICK (PNTED) EXT. FIN. 3RD FL.
0415532 REPR.PNTD.CONCRETE BRICK EXT.WALL 3RD+FL
0415533 RFN.RPRD.PNTD.CONC.BRICK EXT.WALL 3RD+FL
0415534 REFIN.PNTD.CONC.BRICK EXT.WALL 3RD+ FLS.
0415535 RPLC.PNTD.CONCR. BRICK EXT.WALL 3RD+FLS.
0415536 RFN.RPLC.PNTD.CONC.BRICK EXT.WALL 3RD+FL
0415600 STRUCTURAL CLAY TILE EXTERIOR FINISH
0415610 STRUCTURAL CLAY TILE EXT. FIN. 1ST FLOOR
0415612 REPAIR STRUCT.CLAY TILE EXT.WALL 1ST FL.
0415615 REPLACE STRUC.CLAY TILE EXT.WALL 1ST FL.
0415620 STRUCTURAL CLAY TILE EXT. FIN. 2ND FLOOR
0415622 REPAIR STRUCT.CLAY TILE EXT.WALL 2ND FL.
0415625 REPLACE STRUC.CLAY TILE EXT.WALL 2ND FL.
0415630 STRUCTURAL CLAY TILE EXT. FIN. 3RD FLOOR
0415632 REPAIR STRUC.CLAY TILE EXT.WALL 3RD+FLS.
0415635 REPLACE STRUC.CLAY TILE EXT.WALL 3RD+FL.
0415700 STRUCTURAL CLAY TILE (WP/P) EXT. FIN.
0415710 STRUCT. CLAY TILE (WP/P)EXT.FIN. 1ST FL.
0415712 REPR.PNTD.STRUCT.CLAY TILE EXT. 1ST FL.
0415713 RFN.RPR.PNT.STRUCT.CLAY TILE EXT.1ST FL.
0415714 REFIN. PNTD.STRUCT.CLAY TILE EXT.1ST FL.
0415715 REPLC.PNTD.STRUCT.CLAY TILE EXT. 1ST FL.
0415716 REFN.RPLC.PNT.STRUC.CLAY TILE EXT.1ST FL
0415720 STRUCT. CLAY TILE (WP/P)EXT.FIN. 2ND FL.
0415722 REPR.PNTD.STRUCT.CLAY TILE EXT. 2ND FL.
0415723 REFN.RPR.PNT.STRUC.CLAY TILE EXT.2ND FL.
0415724 REFIN.PNTD.STRUCT.CLAY TILE EXT.2ND FL.
0415725 REPLC.PNTD.STRUCT.CLAY TILE EXT.2ND FL.
0415726 REFN.RPLC.PNT.STRUC.CLAY TILE EXT.2ND FL
0415730 STRUCT. CLAY TILE (WP/P)EXT.FIN. 3RD FL.
0415732 REPR.PNTD.STRUC.CLAY TILE EXT.3RD+FLS.
0415733 REFN.RPR.PNT.STRUC.CLAY TILE EXT.3RD+FL.
0415734 REFIN.PNTD.STRUCT.CLAY TILE EXT.3RD+FLS.
0415735 REPLC.PNTD.STRUCT.CLAY TILE EXT.3RD+FLS.
0415736 REFN.RPLC.PNT.STRUC.CLAY TILE EXT.3RD+FL

CACES	DESCRIPTION
0415800	CONCRETE BLOCK EXTERIOR FINISH
0415810	CONCRETE BLOCK EXTERIOR FIN. 1ST FLOOR
0415812	REPAIR CONCRETE BLOCK EXT.WALL 1ST FL.
0415815	REPLACE CONCRETE BLOCK EXT.WALL 1ST FL.
0415820	CONCRETE BLOCK EXTERIOR FIN. 2ND FLOOR
0415822	REPAIR CONCRETE BLOCK EXT.WALL 2ND FL.
0415825	REPLACE CONCRETE BLOCK EXT.WALL 2ND FL.
0415830	CONCRETE BLOCK EXTERIOR FIN. 3RD+ FLOOR
0415832	REPAIR CONCRETE BLOCK EXT.WALL 3RD+ FL.
0415835	REPLACE CONCRETE BLOCK EXT.WALL 3RD FL.
0415900	CONCRETE BLOCK (WP/P) EXT. FINISH
0415910	CONCRETE BLOCK (WP/P) EXT. FIN. 1ST FLR.
0415912	REPR.PNTD.CONCR. BLOCK EXT.WALL 1ST FL.
0415913	RFN.RPR.PNTD.CONCR.BLOCK EXT.WALL 1ST FL
0415914	REFIN.PNTD.CONCR.BLOCK EXT.WALL 1ST FL.
0415915	REPLC.PNTD.CONCR.BLOCK EXT.WALL 1ST FL.
0415916	RFN.RPLC.PNTD.CONC.BLOCK EXT.WALL 1ST FL
0415920	CONCRETE BLOCK (WP/P) EXT. FIN. 2ND FLR.
0415922	REPR.PNTD.CONCRETE BLOCK EXT.WALL 2ND FL
0415923	RFN.RPR.PNTD.CONC.BLOCK EXT.WALL 2ND FL.
0415924	REFIN.PNTD.CONCR. BLOCK EXT.WALL 2ND FL.
0415925	REPLC.PNTD.CONCR. BLOCK EXT.WALL 2ND FL.
0415926	RFN.RPLC.PNT.CONC.BLOCK EXT.WALL 2ND FL.
0415930	CONCRETE BLOCK (WP/P) EXT. FIN. 3RD+ FL.
0415932	REPR.PNTD.CONCR.BLOCK EXT.WALL 3RD FL.
0415933	RFN.RPR.PNTD.CONC.BLOCK EXT.WALL 3RD+FL.
0415934	REFIN.PNTD.CONCR. BLOCK EXT.WALL 3RD+FL.
0415935	REPLC.PNTD.CONC.BLOCK.EXT.WALL 3RD+FL.
0415936	REFIN.RPLC.PNTD.CONC.BLOCK EXT.3RD+FL.
0415A00	CONCRETE EXTERIOR FINISH
0415A10	CONCRETE EXTERIOR FINISH 1ST FLOOR
0415A12	REPAIR CONCRETE EXT. WALL 1ST FLOOR
0415A13	REFIN.REPAIRED CONCRETE EXT.WALL 1ST FL.
0415A14	REFINISH CONCRETE EXT.WALL 1ST FLOOR
0415A15	REPLACE CONCRETE EXT.WALL 1ST FLOOR
0415A16	REFIN.REPLACED CONCRETE EXT.WALL 1ST FL.
0415A20	CONCRETE EXTERIOR FINISH 2ND FLOOR
0415A22	REPAIR CONCRETE EXT.WALL 2ND FLOOR
0415A23	REFIN.REPAIRED CONCRETE EXT.WALL 2ND FL.
0415A24	REFINISH CONCRETE EXT.WALL 2ND FLOOR
0415A25	REPLACE CONCRETE EXT. WALL - 2ND FLOOR
0415A26	REFIN.REPLACED CONCRETE EXT.WALL 2ND FL.
0415A30	CONCRETE EXTERIOR FINISH 3RD+ FLOOR
0415A32	REPAIR CONCRETE EXT. WALL 3RD+ FLOOR
0415A33	REFIN.REPAIRED CONCRETE EXT.WALL 3RD+FL.
0415A34	REFINISH CONCRETE EXT.WALL 3RD+ FLRS.
0415A35	REPLACE CONCRETE EXT. WALL 3RD+ FLOORS
0415A36	REFIN.REPLACED CONCRETE EXT.WALL 3RD+FL.
0415B00	STONE EXTERIOR FINISH
0415B10	STONE EXTERIOR FINISH 1ST FLOOR
0415B12	REPAIR STONE EXTERIOR WALL - 1ST FLOOR
0415B15	REPLACE STONE EXTERIOR WALL - 1ST FLOOR
0415B20	STONE EXTERIOR FINISH 2ND FLOOR
0415B22	REPAIR STONE EXTERIOR WALL - 2ND FLOOR
0415B25	REPLACE STONE EXTERIOR WALL - 2ND FLOOR

CACES	DESCRIPTION
0415B30	STONE EXTERIOR FINISH 3RD+ FLOOR
0415B32	REPAIR STONE EXTERIOR WALL - 3RD+ FLOORS
0415B35	REPLACE STONE EXTERIOR WALL -3RD+ FLOORS
0415C00	STUCCO EXTERIOR FINISH
0415C10	STUCCO EXTERIOR FINISH 1ST FLOOR
0415C12	REPAIR STUCCO EXTERIOR WALL - 1ST FLOOR
0415C13	REFIN. REPAIRED STUCCO EXT.WALL 1ST FL.
0415C14	REFINISH STUCCO EXT. WALL 1ST FLOOR
0415C15	REPLACE STUCCO EXTERIOR WALL - 1ST FLOOR
0415C16	REFIN.REPLACED STUCCO EXT.WALL 1ST FLOOR
0415C20	STUCCO EXTERIOR FINISH 2ND FLOOR
0415C22	REPAIR STUCCO EXTERIOR WALL - 2ND FLOOR
0415C23	REFIN.REPAIRED STUCCO EXT.WALL 2ND FLOOR
0415C24	REFINISH STUCCO EXT. WALL 2ND FLOOR
0415C25	REPLACE STUCCO EXTERIOR WALL - 2ND FLOOR
0415C26	REFIN.REPLACED STUCCO EXT.WALL 2ND FLOOR
0415C30	STUCCO EXTERIOR FINISH 3RD+ FLOOR
0415C32	REPAIR STUCCO EXTERIOR WALL -3RD+ FLOORS
0415C33	REFIN.REPAIRED STUCCO EXT.WALL 3RD+ FLS.
0415C34	REFINISH STUCCO EXT.WALL 3RD + FLOORS
0415C35	REPLACE STUCCO EXTERIOR WALL 3RD+ FLOORS
0415C36	REFIN.REPLACED STUCCO EXT.WALL 3RD+ FLS.
0415D00	TERRACOTTA EXTERIOR FINISH
0415D10	TERRACOTTA EXTERIOR FINISH 1ST FLOOR
0415D12	REPAIR TERRACOTTA EXTERIOR WALL 1ST FLR.
0415D15	*REPLACE TERRACOTTA EXTERIOR WALL* 1ST FL.
0415D20	TERRACOTTA EXTERIOR FINISH 2ND FLOOR
0415D22	REPAIR TERRACOTTA EXTERIOR WALL 2ND FLR.
0415D25	REPLACE TERRACOTTA EXTERIOR WALL 2ND FL.
0415D30	TERRACOTTA EXTERIOR FINISH 3RD+ FLOOR
0415D32	REPAIR TERRACOTTA EXTERIOR WALL 3RD+ FL.
0415D35	REPLACE TERRACOTTA EXTERIOR WALL 3RD+FL.
0415E00	WOOD, FINISHED (SINGLE COAT) EXT. FIN.
0415E10	WOOD, FINISH(SINGLE COAT)EXT.FIN.1ST FL.
0415E12	REPR. WOOD FIN.(SINGLE.COAT) EXT.1ST FL
0415E13	REFIN.REPAIR WOOD FIN(SINGLE CT)1ST FL.
0415E14	REFINISH WOOD FIN. (SINGLE COAT) 1ST FL.
0415E15	REPLACE WOOD FIN(SINGLE.COAT)EXT.1ST FL.
0415E16	REFIN.REPLACED WOOD FIN(SGL.COAT)1ST FL.
0415E20	WOOD, FINISH(SINGLE COAT)EXT.FIN.2ND FL.
0415E22	REPAIR WOOD FIN.(SINGLE.COAT)EXT.2ND FL.
0415E23	REFIN.REPAIR.WOOD FIN.(SGL.COAT) 2ND FL.
0415E24	REFIN.WOOD FINISH(SINGLE COAT) 2ND FLR.
0415E25	REPLACE WOOD FIN(SINGLE COAT)EXT.2ND FL.
0415E26	REFIN.REPLACE WOOD FIN(SGL. COAT)2ND FL.
0415E30	WOOD, FINISH(SINGLE COAT)EXT.FIN.3RD FL.
0415E32	REPAIR WOOD FIN.(SINGLE COAT)EXT.3RD FL.
0415E33	REFIN.REPAIR WOOD FIN(SGL.COAT)3RD FLR.
0415E34	REFIN WOOD FIN(SINGLE COAT)EXT.3RD FL.
0415E35	REPLACE WOOD FIN(SINGLE COAT)EXT.3RD FL.
0415E36	REFIN.REPLACED WOOD FIN(SGL.COAT)3RD FL.
0415F00	WOOD, FINISHED (MULTI-COAT) EXT. FIN.
0415F10	WOOD, FINISH(MULTI-COAT)EXT.FIN. 1ST FL.
0415F12	REPR. WOOD FIN.(MULT.COAT) EXT. 1ST FLR.
0415F13	REFIN. REPR.WOOD FIN.(MULT.COAT)1ST FL.

CACES DESCRIPTION

0415F14 REFN. WOOD FIN.(MULT.COAT) EXT. 1ST FLR.
0415F15 RPLC. WOOD FIN.(MULT.COAT) EXT. 1ST FLR.
0415F16 REFN. RPLCD. WOOD FIN.(MULT.COAT)1ST FL.
0415F20 WOOD, FINISH(MULTI-COAT)EXT.FIN. 2ND FL.
0415F22 REPR. WOOD FIN.(MULT.COAT) EXT. 2ND FLR.
0415F23 REFN REPRD.WOOD FIN.(MULT.COAT)2ND FLR.
0415F24 REFN. WOOD FIN.(MULT.COAT)EXT. 2ND FLR.
0415F25 RPLC. WOOD FIN.(MULT.COAT) EXT. 2ND FLR.
0415F26 REFN. RPLCD.WOOD FIN.(MULT.COAT)2ND FLR.
0415F30 WOOD, FINISH(MULTI-COAT)EXT.FIN. 3RD FL.
0415F32 REPR. WOOD FIN.(MULT.COAT) EXT. 3RD FLR.
0415F33 REFN. RPRD.WOOD FIN.(MULT.COAT)3RD FL.
0415F34 REFN. WOOD FIN.(MULT.COAT)EXT.3RD FLR.
0415F35 RPLC. WOOD FIN.(MULT.COAT)EXT.3RD FLR.
0415F36 REFN. RPLCD.WOOD FIN.(MULT.COAT)3RD FLR.
0415G00 WOOD SHAKES (UNFINISHED) EXT. FINISH
0415G10 WOOD SHAKES (UNFINISH)EXT.FIN. 1ST FLOOR
0415G12 REPR. WOOD SHAKES EXT. 1ST FLR.
0415G15 REPLC. WOOD SHAKES EXT. 1ST FL.
0415G20 WOOD SHAKES (UNFINISH)EXT.FIN. 2ND FLOOR
0415G22 REPAIR WOOD SHAKES EXT. 2ND FL.
0415G25 REPLC. WOOD SHAKES EXT. 2ND FL.
0415G30 WOOD SHAKES (UNFINISH)EXT.FIN. 3RD+ FLR.
0415G32 REPAIR WOOD SHAKES EXT. 3RD+ FL.
0415G35 REPLC. WOOD SHAKES EXT. 3RD+ FL
0415H00 WOOD SHAKES (FINISHED) EXT. FINISH
0415H10 WOOD SHAKES (FINISH)EXT.FIN. 1ST FLOOR
0415H12 REPAIR WOOD SHAKES(FIN)EXT.1ST FL.
0415H13 REFN. REPRD.WOOD SHAKE(FINISH)1ST FLR.
0415H14 REFN. WOOD SHAKE(FINISH)EXT.1ST FL.
0415H15 RPLC. WOOD SHAKE(FINISH)EXT.1ST FL.
0415H16 REFN. RPLCD.WOOD SHAKE(FINISH)1ST FL.
0415H20 WOOD SHAKES (FINISH)EXT.FIN. 2ND FLOOR
0415H22 REPAIR WOOD SHAKE(FINISH)EXT.2ND FL.
0415H23 REFN. RPRD.WOOD SHAKE(FINISH)EXT.2ND FL.
0415H24 REFN. WOOD SHAKE(FINISH)EXT.2ND FL.
0415H25 RPLC. WOOD SHAKE(FINISH)EXT.2ND FL
0415H26 REFN. RPLCD.WOOD SHAKE(FINISH)2ND FL.
0415H30 WOOD SHAKES (FINISH)EXT.FIN. 3RD+ FLOOR
0415H32 REPR. WOOD SHAKE(FINISH)EXT.3RD FL.
0415H33 REFN. RPRD.WOOD SHAKE(FINISH)3RD FLR.
0415H34 REFN. WOOD SHAKE(FINISH)EXT.3RD FLR.
0415H35 REPLC. WOOD SHAKE(FINISH)EXT.3RD FLR.
0415H36 REFN.REPLCD.WOOD SHAKE(FINISH)3RD FLR.
0415I00 ALUMINUM SIDING EXTERIOR FINISH
0415I10 ALUMINUM SIDING EXTERIOR FIN. 1ST FLOOR
0415I12 REPAIR ALUMINUM SIDING EXT.1ST FL.
0415I13 REFIN.REPRD.ALUMINUM SIDING EXT.1ST FL.
0415I14 REFINISH ALUMINUM SIDING EXT.FIN.1ST FL.
0415I15 REPLACE ALUMINUM SIDING EXT.1ST FL
0415I16 REFIN.REPLCD.ALUMINUM SIDING EXT.1ST FL.
0415I20 ALUMINUM SIDING EXTERIOR FIN. 2ND FLOOR
0415I22 REPAIR ALUMINUM SIDING EXT.2ND FL.
0415I23 REFIN.REPRD.ALUMINUM SIDING EXT. 2ND FL.
0415I24 REFINISH ALUMINUM SIDING EXT.FIN.2ND FL.

CACES DESCRIPTION

0415I25 REPLACE ALUMINUM SIDING EXT.2ND FL
0415I26 REFIN.REPLCD.ALUMINUM SIDING EXT.2ND FL.
0415I30 ALUMINUM SIDING EXTERIOR FIN. 3RD+ FLOOR
0415I32 REPAIR ALUMINUM SIDING EXT.3RD FL.
0415I33 REFIN.REPRD.ALUMINUM SIDING EXT.3RD FL.
0415I34 REFINISH ALUMINUM SIDING EXT.FIN.3RD.FL.
0415I35 REPLACE ALUMINUM SIDING EXT.3RD FL
0415I36 REFIN.REPLCD.ALUMINUM SIDING EXT.3RD FL.
0415J00 ALUMINUM SIDING (ANODIZED) FINISH
0415J10 ALUMINUM SIDING (ANODZD) FIN. 1ST FLOOR
0415J12 REPAIR ALUMINUM SIDING(ANDZ)EXT.1ST FL.
0415J15 REPLACE ALUMINUM SIDING(ANDZ)EXT.1ST FL.
0415J20 ALUMINUM SIDING (ANODZD) FIN. 2ND FLOOR
0415J22 REPAIR ALUMINUM SIDING(ANDZ)EXT. 2D FL.
0415J25 REPLACE ALUMINUM SIDING(ANDZ)EXT. 2ND FL.
0415J30 ALUMINUM SIDING (ANODZD) FIN. 3RD+ FLOOR
0415J32 REPAIR ALUMINUM SIDING(ANDZ)EXT.3RD FL.
0415J35 REPLACE ALUMINUM SIDING(ANDZ)EXT.3RD FL.
0415K00 STEEL (SELF-COATING) EXTERIOR FINISH
0415K10 STEEL (SELF-CAT) EXT. FIN. 1ST FLOOR
0415K12 REPAIR STEEL(SELF-COATING)EXT.1ST FL.
0415K15 REPLACE STEEL(SELF-COATING)EXT.1ST FL.
0415K20 STEEL (SELF-COAT) EXT. FIN. 2ND FLOOR
0415K22 REPAIR STEEL(SELF-COATING)EXT.2ND FL.
0415K25 REPLACE STEEL(SELF-COATING)EXT.2ND FL.
0415K30 STEEL (SELF-COAT) EXT. FIN. 3RD+ FLOOR
0415K32 REPAIR STEEL(SELF-COATING)EXT.3RD FL.
0415K35 REPLACE STEEL(SELF-COATING)EXT.3RD FL.
0415L00 STEEL (PAINTED) EXTERIOR FINISH
0415L10 STEEL (PAINT) EXTERIOR FIN. 1ST FLOOR
0415L12 REPAIR STEEL(PAINTED)EXT. 1ST FL.
0415L13 REFIN.REPAIR.STEEL(PNTD)EXT.1ST FL.
0415L14 REFIN. STEEL(PAINTED)EXT. 1ST FL.
0415L15 REPLACE STEEL(PAINTED)EXT. 1ST FL.
0415L16 REFIN.REPLACED STEEL(PNTD)EXT.1ST FL.
0415L20 STEEL (PAINT) EXTERIOR FIN. 2ND FLOOR
0415L22 REPAIR STEEL(PAINTED)EXT.2ND FL.
0415L23 REFIN.REPAIR.STEEL(PAINTD)EXT.2ND FL.
0415L24 REFIN. STEEL (PNTD) EXT. FIN. 2ND FLR.
0415L25 REPLACE STEEL(PAINTED)EXT.2ND FL.
0415L26 REFIN.REPLACE.STEEL(PAINTD)EXT.2ND FL.
0415L30 STEEL (PAINT) EXTERIOR FIN. 3RD+ FLOOR
0415L32 REPAIR STEEL(PAINTED)EXT. 3RD FL.
0415L33 REFIN.REPAIR STEEL(PAINTD)EXT.3RD FL.
0415L34 REFIN. STEEL(PAINTED)EXT. 3RD FL.
0415L35 REPLACE STEEL(PAINTED)EXT.3RD FL.
0415L36 REFIN.REPLACE.STEEL(PAINTD)EXT.3RD FL.
0415M00 GLASS BLOCK EXTERIOR FINISH
0415M10 GLASS BLOCK EXTERIOR FINISH 1ST FLOOR
0415M12 REPAIR GLASS BLOCK EXT.1ST FL
0415M15 REPLACE GLASS BLOCK EXT.1ST FL
0415M20 GLASS BLOCK EXTERIOR FINISH 2ND FLOOR
0415M22 REPAIR GLASS BLOCK EXT. 2ND FL
0415M25 REPLACE GLASS BLOCK EXT.2ND FL
0415M30 GLASS BLOCK EXTERIOR FINISH 3RD+ FLOOR

CACES DESCRIPTION

0415M32 REPAIR GLASS BLOCK EXT. 3RD FL
0415M35 REPLACE GLASS BLOCK EXT.3RD FL
0415N00 PLATE GLASS EXTERIOR FINISH
0415N10 PLATE GLASS EXTERIOR FINISH 1ST FLOOR
0415N12 REPAIR PLATE GLASS EXT.1ST FL
0415N15 REPLACE PLATE GLASS EXT.1ST FL
0415N20 PLATE GLASS EXTERIOR FINISH 2ND FLOOR
0415N22 REPAIR PLATE GLASS EXT. 2ND FL
0415N25 REPLACE PLATE GLASS EXT.2ND FL
0415N30 PLATE GLASS EXTERIOR FINISH 3RD+ FLOOR
0415N32 REPAIR PLATE GLASS EXT.3RD+ FL
0415N35 REPLACE PLATE GLASS EXT.3RD+FL
0415O00 FORMICA, MYLAR, POLYESTER, VINYL
0415O10 FORMICA - VINYL EXTERIOR FIN. 1ST FLOOR
0415O12 REPAIR FORMICA-VINYL EXT.1ST FL
0415O15 REPLACE FORMICA-VINYL EXT.1ST FL
0415O20 FORMICA - VINYL EXTERIOR FIN. 2ND FLOOR
0415O22 REPAIR FORMICA-VINYL EXT.2ND FL
0415O25 REPLACE FORMICA-VINYL EXT.2ND FL
0415O30 FORMICA - VINYL EXTERIOR FIN. 3RD+ FLOOR
0415O32 REPAIR FORMICA-VINYL EXT.3RD+ FL
0415O35 REPLACE FORMICA-VINYL EXT.3RD+FL
0415P00 ASBESTOS EXTERIOR FINISH
0415P10 ASBESTOS EXTERIOR FINISH 1ST FLOOR
0415P12 REPAIR ASBESTOS EXT. WALL 1ST FL.
0415P15 REPLACE ASBESTOS EXT.WALL 1ST FL.
0415P20 ASBESTOS EXTERIOR FINISH 2ND FLOOR
0415P22 REPAIR ASBESTOS EXT.WALL 2ND FL.
0415P25 REPLACE ASBESTOS EXT.WALL 2ND FL.
0415P30 ASBESTOS EXTERIOR FINISH 3RD+ FLOOR
0415P32 REPAIR ASBESTOS EXT.WALL 3RD FLR.
0415P35 REPLACE ASBESTOS EXT.WALL 3RD+FL.
0415R00 SYNTHETIC VENEER-PLASTER EXT. FINISH
0415R10 SYNTHETIC VENEER-PLASTER EXT.FIN.1ST FL.
0415R12 REPAIR SYNTH.VENEER EXT. 1ST FLR.
0415R13 REFIN.REPAIRED SYNTH.VENEER 1ST FL.
0415R14 REFINISH SYNTH.VENEER EXT.1ST FL.
0415R15 REPLACE SYNTH.VENEER EXT.1ST FL.
0415R16 REFIN.REPLACED SYNTH.VENEER 1ST FL.
0415R20 SYNTHETIC VENEER-PLASTER EXT.FIN.2ND FL.
0415R22 REPAIR SYNTH.VENEER EXT.2ND FL.
0415R23 REFIN.REPLACED SYNTH.VENEER EXT. 2ND FL.
0415R24 REFINISH SYNTH.VENEER EXT.2ND FL.
0415R25 REPLACE SYNTH.VENEER EXT.2ND FL.
0415R26 REFIN.REPLACED SYNTH.VENEER EXT. 2ND FL.
0415R30 SYNTHETIC VENEER-PLASTER EXT.FIN.3RD FL.
0415R32 REPAIR SYNTH.VENEER EXT.3RD FL.
0415R33 REFIN.REPAIRED SYNTH.VENEER 3RD FL.
0415R34 REFIN. SYNTH.VENEER EXT.3RD FL.
0415R35 REPLACE SYNTH.VENEER EXT.3RD FL.
0415R36 REFIN. REPLACED SYNTH.VENEER EXT.3RD FL.
0415S00 PORCELAIN PANELS EXTERIOR FINISH
0415S10 PORCELAIN PANELS EXTERIOR FIN. 1ST FLOOR
0415S12 REPAIR PORCELAIN EXT. PANELS 1ST FL.
0415S15 REPLACE PORCELAIN EXT.PANELS 1ST FL.

CACES DESCRIPTION

0415S20 PORCELAIN PANELS EXTERIOR FIN. 2ND FLOOR
0415S22 REPAIR PORCELAIN EXT.PANELS 2ND FL.
0415S25 REPLACE PORCELAIN EXT. PANELS 2ND FL.
0415S30 PORCELAIN PANELS EXTERIOR FIN. 3RD+ FLR.
0415S32 REPAIR PORCELAIN EXT. PANELS 3RD FL.
0415S35 REPLACE PORCELAIN EXT. PANELS 3RD FL.
0415T00 ALUMINUM CORRUGATED PANELS EXTERIOR FIN.
0415T10 ALUMINUM CORGATD.PANELS EXT.FIN.1ST FLR.
0415T12 REPAIR ALUMINUM CORR PANELS-FIRST FLOOR
0415T15 REPLACE ALUM CORR PANELS - FIRST FLOOR
0415T20 ALUMINUM CORGATD PANEL EXT.FIN. 2ND FLR.
0415T22 REPAIR ALUM CORR PANEL - 2ND FLOOR
0415T25 REPLACE ALUM CORR PANEL - 2ND FLOOR
0415T30 ALUMINUM CORGATD PANEL EXT.FIN. 3RD+ FL.
0415T32 REPAIR ALUMINUM CORR PANELS - 3RD FLOOR
0415T35 REPLACE ALUM CORR PANELS - 3RD FLOOR
0415U00 EXTERIOR GYPSUM BOARD - PAINTED
0415U10 EXTERIOR GYPSUM BOARD - PAINTED 1ST FLR.
0415U12 REPAIR EXTERIOR GYP BRD - PAINTED 1ST FL
0415U13 REFIN REPAIRED EXT GYP BRD-PAINT 1ST FL
0415U14 REFIN EXT GYP BRD - PAINTED 1ST FLOOR
0415U15 REPLACE EXT GYP BRD - PAINTED 1ST FLOOR
0415U16 REFIN REPL EXT GYP BRD - PAINTED 1ST FLR
0415U20 EXTERIOR GYPSUM BOARD - PAINTED 2ND FLR.
0415U22 REPAIR EXT GYP BRD - PAINTED 2ND FLOOR
0415U23 REFIN REPARED EXT GYP BRD-PAINTED 2ND FL
0415U24 REFIN EXT GYP BRD - PAINTED 2ND FLOOR
0415U25 REPLACE EXT GYP BRD - PAINTED 2ND FLOOR
0415U26 REFIN REPL EXT GYP BRD - PAINTED 2ND FLR
0415U30 EXTERIOR GYPSUM BOARD - PAINTED 3RD FLR.
0415U32 REPAIR EXT GYP BRD - PAINTED 3RD FLOOR
0415U33 REFIN REPAIRD EXT GYP BRD-PAINTED 3RD FL
0415U34 REFINISH EXTER. GYPSUM BRD. PAINTD 3RD FL.
0415U35 REPL EXT GYP BRD - PAINTED 3RD FLOOR
0415U36 REFIN REPL EXT GYP BRD - PAINTED 3RD FL
0415V00 EXTERIOR GYPSUM BOARD-COVERED
0415V10 EXTERIOR GYPSUM BOARD-COVERED 1ST FLOOR
0415V12 REPAIR EXT GYP BRD - COVERED 1ST FLOOR
0415V13 REFIN REPAIRED EXT GYP BRD-COVERD 1ST FL
0415V14 REFINISH EXT GYP BRD - COVERED 1ST FLOOR
0415V15 REPLACE EXT GYP BRD - COVERED 1ST FLOOR
0415V16 REFIN REPLACE EXT GYP BRD-COVERED 1ST FL
0415V20 EXTERIOR GYPSUM BOARD-COVERED 2ND FLOOR
0415V22 REPAIR EXT GYP BRD - COVERED 2ND FLOOR
0415V23 REFIN REPAIR EXT GYP BRD-COVERED 2ND FLR
0415V24 REFINISH EXT GYP BRD - COVERED 2ND FLOOR
0415V25 REPLACE EXT GYP BRD - COVERED 2ND FLOOR
0415V26 REFIN REPLACED EXT GYP BRD-COVERD 2ND FL
0415V30 EXTERIOR GYPSUM BOARD COVERED 3RD FLOOR
0415V32 REPAIR EXT GYP BOARD - COVERED 3RD FLOOR
0415V33 REFIN REPAIRED EXT GYP BRD-COVER 3RD FL
0415V34 REFINESH EXT GYP BRD - COVERED 3RD FLOOR
0415V35 REPLACE EXT GYP BRD - COVERED 3RD FLOOR
0415V36 REFIN REPLACED EXT GYP BRD-COVERD 3RD FL
0415W00 MASONITE PANELS - SEALED

CACES DESCRIPTION

0415W10 MASONITE PANELS - SEALED 1ST FLOOR
0415W12 REPAIR MASONITE PANELS - SEALED 1ST FLR
0415W15 REPLACE MASONITE PANELS - SEALED 1ST FL
0415W20 MASONITE PANELS - SEALED 2ND FLOOR
0415W22 REPAIR MASONITE PANELS - SEALED 2ND FLR
0415W25 REPLACE MASONITE PANELS - SEALED 2ND FLR
0415W30 MASONITE PANELS - SEALED 3RD FLOOR
0415W32 REPAIR MASONITE PANELS - SEALED 3RD FLR
0415W35 REPLACE MASONITE PANELS - SEALED 3RD FLR
0415X00 FIBERGLASS PANELS EXTERIOR FINISH
0415X10 FIBERGLASS PANELS EXT. FIN. 1ST FLOOR
0415X12 REPAIR FIBERGLAS PANELS - 1ST FLOOR
0415X13 REFIN REPAIRED FIBRGLAS PNLS RIG 1ST FLR
0415X14 REFIN FIBRGLAS PANELS - RIGID 1ST FLOOR
0415X15 REPLACE FIBERGLAS PANELS 1ST FLOOR
0415X16 REFIN REPLACED FIBRGLAS PNLS RIG 1ST FLR
0415X20 FIBERGLASS PANELS EXT. FIN. 2ND FLOOR
0415X22 REPAIR FIBRGLAS PANELS RIGID 2ND FLOOR
0415X23 REFIN REPRD.FIBRGLAS PANEL RGD 2ND FLR.
0415X24 REFINISH FIBRGLAS PANELS RIGID 2ND FLOOR
0415X25 REPLACE FIBRGLAS PANELS RIGID 2ND FLOOR
0415X26 REFIN REPLACED FIBRGLAS PNLS RIG 2ND FLR
0415X30 FIBERGLASS PANEL RGD. EXT. FIN. 3RD FL.
0415X32 REPAIR FIBRGLAS PANEL RIGID 3RD FLOOR
0415X33 REFIN REPAIRED FIBRGLAS PNLS RIG 3RD FLR
0415X34 REFINISH FIBRGLAS PANELS RIGID 3RD FLOOR
0415X35 REPLACE FIBRGLAS PANELS RIG 3RD FLOOR
0415X36 REFIN REPLACED FIBRGLAS PNLS RIG 3RD FLR

0420000 EXTERIOR DOORS
0421000 METAL DOORS
0421100 ALUMINUM (PLAIN $ ANODIZED)
0421110 ALUMINUM (PLAIN & ANODIZED) EXT. DOOR
0421112 REPAIR ALUMINIUM (P/A) EXTERIOR DOOR
0421115 REPLACE ALUMINIUM (P/A) EXTERIOR DOOR
0421120 ALUMINUM (P&L) FRAME & DOOR
0421121 REPL BRK GLAS-ALUM(SAFTY GLS) PLN&EXT DR
0421122 REPAIR ALUM (SFTY GLS) PL&EXT DOOR
0421125 REPLACE ALUM (SAFTY GLAS) PL & EXT DOOR
0421130 ALUMINUM SLIDING EXT PL & AL DOOR
0421131 REPLACE BRK GLAS ALUM SLIDING EXT DOOR
0421132 REPAIR ALUM SLIDING EXT DOOR
0421135 REPLACE ALUM SLIDING EXT DOOR
0421140 ALUMINUM (WOOD CORE) EXT DOOR
0421141 REPLACE BRKN GLAS ALUM (WD CORE) EXT DR
0421142 REPAIR ALUM (WOOD CORE) EXT DOOR
0421145 REPLACE ALUM (WOOD CORE) EXT DOOR
0421150 ALUM (INSULATED) P&A EXT DOOR
0421151 REPLACE ALUM (INSUL) P&A EXT DOOR
0421152 REPAIR ALUM (INSUL) P&A EXT DOOR
0421155 REPLACE ALUM (INSUL) P&A EXT DOOR
0421200 STEEL (PAINTED) METAL EXTERIOR DOORS
0421210 STEEL (PAINTED) METAL EXTERIOR DOOR
0421212 REPAIR STEEL (PAINTED) EXTERIOR DOORS
0421214 REFINISH STEEL (PAINTED) EXTERIOR DOOR
0421215 REPLACE STEEL (PAINTED) EXTERIOR DOOR

CACES DESCRIPTION

0421216 REFIN. REPLACED STEEL (PAINT) EXT. DOOR
0421220 STEEL (W/SAFTY GLAS) PAINTED EXT. DOOR
0421221 REPL BRK GLAS-STEEL(SAFTY GLAS)PAINT EXT
0421222 REPAIR STEEL (SAFTY GLAS)PAINTED EXT
0421224 REFIN STEEL(SAFTY GLAS) PAINTED EXT DR
0421225 REPLACE STEEL(SAFTY GLAS) PAINT EXT DR
0421226 REFIN REPLACED STL(SAFTY GLAS) PAINT EXT
0421230 STEEL SLIDING PAINTED EXT DOOR
0421232 REPAIR STEEL SLIDING PAINTED EXT DOOR
0421234 REFIN STEEL SLIDING PAINTED EXT DOOR
0421235 REPLACE STEEL SLIDING PAINTED EXT DOOR
0421236 REFIN REPLACED STEEL SLIDING PAINT EXT
0421240 STEEL(INSUL CORE) PAINTED EXT DOOR
0421241 REPL BRK GLAS-STL(INSUL CORE)PAINT EXT
0421242 REPAIR STEEL (INSUL CORE) PAINTED EXT DR
0421244 REFIN STEEL (INSUL CORE) PAINTED EXT DR
0421245 REPLACE STEEL(INSUL CORE) PAINTED EXT DR
0421246 REFIN REPLACED STL(INSUL CORE) PAINT EXT
0421300 STEEL (UNPAINTED) METAL EXTERIOR DOORS
0421310 STEEL (UNPAINTED) METAL EXTERIOR DOOR
0421312 REPAIR STEEL (UNPAINTED) EXTERIOR DOORS
0421315 REPLACE STEEL (UNPAINTED) EXTERIOR DOORS
0421320 STEEL(SAFTY GLAS) UNPNT EXT DOOR
0421321 REPL BRK GLAS STEEL(SAFTY GLAS)UNPNT EXT
0421322 REPAIR STEEL(SAFTY GLAS) UNPNT EXT DR
0421325 REPLACE STEEL(SAFTY GLAS) UNPNT EXT DOOR
0421330 STEEL SLIDING UNPAINTED EXT DOOR
0421332 REPAIR STEEL SLIDING PAINTED EXT DOOR
0421335 REPLACE STEEL SLIDING UNPNT EXT DOOR
0421340 STEEL (INSUL CORE) UNPNT EXT DOOR
0421341 REPL BRK GLAS STEEL(INSUL CORE)UNPNT EXT
0421342 REPAIR STEEL(INSUL CORE) UNPNTED EXT DR
0421345 REPLACE STEEL(INSUL CORE) UNPNT EXT DR
0422000 FULLY GLAZED DOORS
0422100 ALUMINUM FRAME FULLY GLAZED EXTER. DOOR
0422110 ALUMINUM FRAME FULL GLZD EXT.DOOR
0422111 BROKEN GLASS:REPLACEMENT ALUMINUM EXT.DR
0422112 REPAIR ALUMINIUM EXTERIOR DOORS
0422115 REPLACE ALUMINIUM EXTERIOR DOORS
0422120 ALUMINUM FRAME FULL GLZD SLDING EXT.DOOR
0422121 REPL BRK GLAS-FUL GLAZ ALUM FRAME SLIDE
0422122 REPAIR-FUL GLAZED ALUM FRAME SLIDING EXT
0422125 REPLACE-FUL GLAZD ALUM FRAME SLIDING EXT
0422200 WOOD FRAME (PAINTED) FULLY GLZD EXT.DOOR
0422210 WOOD FRAME (PAINT) FULL GLZD.EXT DOOR
0422211 BROKEN GLASS:REPL.WOOD FRAME(PNTD)EXT.DR
0422212 REPAIR WOOD FRAME EXTERIOR DOORS
0422214 REFINISH WOOD FRAME (PAINTED) EXT. DOOR
0422215 REPLACE WOOD FRAME (PAINTED) EXT. DOOR
0422216 REFIN. REPLACED WOOD FRAME(PNTD)EXT.DOOR
0422220 WOOD FRAME (PNTD) FULL GLZD SLDING DOOR
0422221 REPL BRK GLAS-FUL GLAZD WD FRAME SLIDING
0422222 REPAIR-FUL GLAZ WD FRAME SLIDING EXT DR
0422224 REFIN-FUL GLAZED WD FRAME SLIDING EXT DR
0422225 REPLACE-FUL GLZED WD FAME SLIDING EXT DR

CACES DESCRIPTION

0422226 REFIN REPLACED-FUL GLZED WD SLIDING EXT
0423000 WOOD DOORS
0423100 HOLLOW CORE (PAINTED) WOOD EXTERIOR DOOR
0423110 HOLLOW CORE (PAINTED) WOOD EXTERIOR DOOR
0423112 REPAIR HOLLOWCORE (PAINTED) EXT.DOOR
0423114 REFINISH HOLLOWCORE (PNTD)EXTERIOR DOORS
0423115 REPLACE HOLLOW CORE (PAINTED) EXT. DOOR
0423116 REFIN.REPLACED HOLLOW CORE (PNTD)EXT. DR
0423120 HOLLOW CORE SLIDING WOOD EXT. DOOR
0423122 REPAIR HOLLOW CORE SLIDING WOOD EXT DOOR
0423124 REFINISH HOLLOW CORE SLIDING WOOD EXT DR
0423125 REPLACE HOLLOW CORE SLIDING WOOD EXT DR
0423126 REFIN REPLACED HOLLOW CORE SLIDING WD DR
0423200 SOLID CORE (PAINTED) WOOD EXTERIOR DOOR
0423210 SOLID CORE (PAINTED) WOOD EXTERIOR DOOR
0423212 REPAIR SOLID CORE (PAINTED) EXT.DOOR
0423214 REFINISH SOLID CORE (PAINTED) EXT. DOOR
0423215 REPLACE SOLID CORE (PAINTED) EXT. DOOR
0423216 REFIN. REPLACED SOLID CORE (PNTD)EXT.DR.
0423220 SOLID CORE SLIDING WOOD EXT. DOOR
0423222 REPAIR SOLID CORE SLIDING WOOD EXT DR
0423224 REFIN SOLID CORE SLIDING WOOD EXT DR
0423225 REPLACE SOLID CORE SLIDING WOOD EXT DR
0423226 REFIN REPLACED SOLID CORE SLIDING WD EXT
0423230 SOLID CORE(SAFTY GLAS) PAINTED EXT. DOOR
0423231 REPL BRK GLAS SOLID CORE(SAFTY GLAS)PNT
0423232 REPAIR SOLID CORE(SAFTY GLAS) PNT EXT DR
0423234 REFIN SOLID CORE(SAFTY GLAS) PNT EXT DR
0423235 REPLACE SOLID CORE(SAFTY GLAS)PNTD EXT
0423236 REFIN REPL SOLID CORE(SFTY GLAS)PNT EXT
0424000 SPECIAL DOORS
0424100 METAL GRATED EXTERIOR DOOR
0424110 METAL GRATED PAINTED EXT DOOR
0424112 REPAIR METAL GRATED PAINTED EXT DOOR
0424114 REFINISH METAL GRATED PAINTED EXT DOOR
0424115 REPLACE METAL GRATED PAINTED EXT DOOR
0424116 REFIN REPLACED METAL GRATED PNTD EXT DR
0424120 METAL GRATED UNPAINTED EXT DOOR
0424122 REPAIR METAL GRATED UNPAINTED EXT DOOR
0424125 REPAIR METAL GRATED UNPAINTED EXT DOOR
0424200 METAL MESH EXTERIOR DOOR
0424210 METAL WIRE MESH PAINTED EXT DOOR
0424212 REPAIR METAL WIRE MESH PAINED EXT DOOR
0424214 REFINSH METAL WIRE MESH PAINTED EXT DOOR
0424215 REPLACE METAL WIRE MESH PAINTED EXT DOOR
0424216 REFIN REPLACED METAL WIRE MESH PNT EXT
0424220 METAL WIRE MESH UNPAINTED EXT DOOR
0424222 REPAIR METAL WIRE MESH UNPAINT EXT DOOR
0424225 REPLACE METAL WIRE MESH UNPAINT EXT DOOR
0424300 LOUVERED EXTERIOR DOORS
0424310 ALUMINUM LOUVERED EXT DOORS
0424312 REPAIR ALUM LOUVERED EXT DOOR
0424313 REFIN REPAIRED ALUM LOUVERED EXT DOOR
0424314 REFINISH ALUM LOUVERED EXT DOOR
0424315 REPLACE ALUM LOUVERED EXT DOOR

CACES DESCRIPTION

0424316 REFIN REPLACED ALUM LOUVERED EXT DOOR
0424320 STEEL LOUVERED EXTERIOR DOORS
0424322 REPAIR STEEL LOUVERED EXT DOOR
0424323 REFIN REPAIRED STEEL LOUVERED EXT DOORS
0424324 REFINISH STEEL LOUVERED EXT DOOR
0424325 REPLACE STEEL LOUVERED EXT DOOR
0424326 REFIN REPLACED STEEL LOUVERED EXT DOOR
0424330 WOOD LOUVERED EXTERIOR DOORS
0424332 REPAIR WOOD LOUVERED EXT DOOR
0424333 REFIN REPLACED WOOD LOUVERED EXT DOOR
0424334 REFINISH WOOD LOUVERED EXT DOOR
0424335 REPLACE WOOD LOUVERED EXT DOOR
0424336 REFIN REPLACED WOOD LOUVERED EXT DOOR
0425000 EXTERIOR GATES
0425100 ALUMINUM EXTERIOR GATE
0425102 REPAIR ALUM EXT GATE (WALK & DRIVEWAY)
0425103 REFINISH REPAIRED ALUM EXT GATE
0425104 REFINISH ALUM EXT GATE
0425105 REPLACE ALUM EXT GATE (WALK & DRIVEWAY)
0425106 REFINSH REPLACED ALUM EXT GATE
0425200 STEEL EXTERIOR GATE
0425202 REPAIR STEEL EXT GATE (WALK & DRIVEWAY)
0425203 REFIN REPAIRED STEEL EXT GATE (WALK&DRV)
0425204 REFINISH STEEL EXT GATE
0425205 REPLACE STEEL EXT GATE (WALK & DRIVEWAY)
0425206 REFIN REPLACED STL EXT GATE (WALK&DRIVE)
0425300 WOOD EXTERIOR GATE
0425302 REPAIR WOOD EXT GATE (WALK & DRIVE)
0425303 REFINISH REPAIRED WOODEN EXT GATE
0425304 REFINISH WOOD EXT GATE
0425305 REPLACE WOOD EXT GATE (WALK & DRIVEWAY)
0425306 REFIN REPLACED WOOD EXT GATE
0425400 WROUGHT IRON EXTERIOR GATE
0425402 REPAIR WROUGHT IRON EXT GATE
0425403 REFIN REPAIRED EXT GATE (WALK & DRIVE)
0425404 REFINISH WROUGHT IRON EXT GATE
0425405 REPL WROUGHT IRON EXT GATE (WALK&DRIVE)
0425406 REFIN REPLACED WRGHT IRON EXT GATE (W&D)
0426000 SCREEN/STORM
0426100 ALUMINUM (PLAIN & ANODIZED)
0426110 ALUMINUM (PLN & ANODZD) SCREEN/STORM DR.
0426112 REPAIR ALUMINIUM (P/A) EXTERIOR DOORS
0426115 REPLACE ALUMINIUM (P/A) EXTERIOR DOORS
0426200 PLASTIC SCREEN/STORM EXT. DOOR
0426210 PLASTIC SCREEN/STORM EXT. DOOR
0426212 REPAIR PLASTIC EXTERIOR DOORS
0426215 REPLACE PLASTIC EXTERIOR DOORS
0427000 GARAGE AND ROLL-UP DOORS
0427100 STEEL SINGLE ROLL-UP DOOR
0427102 REPR.STEEL FRM.SINGLE(PNTD) DR
0427104 REFINISH STEEL FRAME (PAINTED) EXT. DOOR
0427105 REPLACE STEEL FRAME SINGLE (PNTD)EXT.DR.
0427106 REFIN.REPLC.STEEL FRM.SINGLE(PNTD)EXT.DR
0427200 STEEL DOUBLE ROLL-UP DOOR
0427202 REPR.STEEL FRM.DBL.(PNT)EXT.DR

CACES DESCRIPTION

0427204 REFN.STEEL FRM.DBL.(PND)EXT.DR
0427205 REPLC.STEEL FRM.DBL(PND)EXT.DR
0427206 RPLC.FIN.ST.FRM.DBL(PND)EXT.DR
0427300 ALUMINUM SINGLE ROLL-UP DOOR
0427302 REPAIR ALUM SINGLE ROLL-UP EXT DOOR
0427304 REFINISH ALUM SINGLE ROLL-UP EXT DOOR
0427305 REPLACE ALUM SINGLE ROLL-UP EXT DOOR
0427306 REFIN REPLACED ALUM SINGLE ROLL-UP DOOR
0427400 ALUMINUM DOUBLE ROLL-UP EXT DOOR
0427402 REPAIR ALUM DOUBLE ROLL-UP EXT DOOR
0427404 REFINISH ALUM DOUBLE ROLL-UP EXT DOOR
0427405 REPLACE ALUM DOUBLE ROLL-UP EXT DOOR
0427406 REFIN REPLACED ALUM DBL ROLL-UP EXT DOOR
0427500 WOOD SINGLE ROLL-UP DOORS
0427502 REPAIR WOOD SINGLE ROLL-UP DOOR
0427504 REFINISH WOOD SINGLE ROLL-UP EXT DOOR
0427505 REPLACE WOOD SINGLE ROLL-UP EXT DOOR
0427506 REFIN REPLACED WOOD SINGLE ROLL-UP DOOR
0427600 WOOD DOUBLE ROLL-UP DOOR
0427602 REPAIR WOOD DOUBLE ROLL-UP EXT DOOR
0427604 REFINISH WOOD DOUBLE ROLL-UP EXT DOOR
0427605 REPLACE WOOD DOUBLE ROLL-UP EXT DOOR
0427606 REFIN REPLACED WOOD DBL ROLL-UP EXT DOOR
0427700 ALUMINUM (SINGLE LEAF) SPRING DOOR
0427702 REPAIR ALUM(SINGLE LEAF) SPRNG GARAGE DR
0427704 REFIN ALUM(SGL LEAF) SPRING GARAGE DOOR
0427705 REPLACE ALUM (SGL LEAF) SRING GARAGE DR
0427706 REFIN REPLACED ALUM (SGL LEAF) GAR DOOR
0427800 STEEL (SINGLE LEAF) SPRING DOOR
0427802 REPAIR STEEL (SGL LEAF) SPRING GARAGE DR
0427804 REFINISH STEEL (SGL LEAF) SPRING GAR DR
0427805 REPLACE STEEL (SGL LEAF) SPRING GAR DOOR
0427806 REFIN REPLACED STEEL (SGL LEAF) GAR DOOR
0427900 WOOD (SINGLE LEAF) SPRING DOOR
0427902 REPAIR WOOD (SGL LEAF) SPRING GARAGE DR
0427904 REFINISH WOOD (SGL LEAF) SPRING GAR DOOR
0427905 REPLACE WOOD (SGL LEAF) SPRING GARAGE DR
0427906 REFIN REPLACED WD(SGL LEAF) SPRG GAR DR

0430000 EXTERIOR WINDOWS
0431000 OPERABLE WINDOWS
0431100 ALUMINUM OPERABLE WINDOWS
0431110 ALUMINUM OPERABLE WINDOWS 1ST FLOOR
0431111 BROKEN GLASS:REPLACEMT.ALUM.WND.1ST FL.
0431112 REPAIR ALUMINIUM EXTERIOR WND. 1ST FL.
0431115 REPLACE ALUMINIUM EXTERIOR WND. 1ST FL.
0431120 ALUMINUM OPERABLE WINDOW 2ND FLOOR
0431121 BROKEN GLASS:REPLCMT.ALUM.WND.EXT.2ND FL
0431122 REPAIR ALUMINIUM EXTERIOR WND. 2ND FL.
0431125 REPLACE ALUMINIUM EXTERIOR WNDW. 2ND FL.
0431130 ALUMINUM OPERABLE WINDOW 3RD+ FLOOR
0431131 BROKEN GLASS:REPLCMT.ALUM.EXT.WDW.3RD+FL
0431132 REPAIR ALUMINUM EXTERIOR WDW. 3RD+FL.
0431135 REPLACE ALUMINIUM EXTERIOR WDW. 3RD+ FL.
0431200 STEEL FRAME (PAINTED) OPER. WINDOW
0431210 STEEL FRM.(PAINT)OPER.WNDW 1ST FLOOR

CACES DESCRIPTION

0431211 BROKEN GLASS:REPLMNT.STEEL FRM.1ST FL.
0431212 REPAIR STEEL FRM.(PNT)OPER.WNDW.1ST FLR.
0431214 REFINISH STEEL FRM.(PAINT)EXT.WDW.1ST FL
0431215 REPLACE STEEL FRM.(PNTD)EXT.WDW. 1ST FL.
0431216 REFIN.REPLCD.STEEL FRM.(PNTD)WDW.1ST FL.
0431220 STEEL FRM.(PAINT) OPER.WNDW 2ND FLOOR
0431221 BRKN.GLS:RPLMT.STL.FRM(PNTD)EXT. 2ND FL.
0431222 REPAIR STEEL FRM.(PNT)OPER.WNDW.2ND FLR.
0431224 REFINISH STEEL FRAME(PNTD)EXT.WDW.2ND FL
0431225 REPLACE STEEL FRM(PNTD)EXT. WDW. 2ND FL.
0431226 REFIN.RPLC.STEEL FRM(PNTD)EXT.WDW.2ND FL
0431230 STEEL FRM.(PAINT) OPER.WNDW 3RD+ FLOOR
0431231 BR.GLS:REPLMNT.STEEL FRM(PNTD)EXT.3RD+FL
0431232 REPAIR STEEL FRM.(PNT)OPER.WNDW.3RD+ FL.
0431234 REFINISH STEEL FRM(PNTD)EXT.WDW. 3RD+FL.
0431235 REPLACE STEEL FRM(PNTD)EXT.WDW. 3RD+FL.
0431236 REFN.RPLCD.STEEL FRM(PNTD)EXT.WDW.3RD+FL
0431300 WOOD FRAME (PAINTED) OPERABLE WINDOW
0431310 WOOD FRM.(PAINT) OPER.WNDW 1ST FLOOR
0431311 BR.GLS:RPLMT.WOOD FRM(PNT)EXT.WDW.1ST FL
0431312 REPAIR WOOD FRM.(PNT)OPER.WNDW.1ST FLR.
0431314 REFINISH WOOD FRAME(PNTD)EXT.WDW.1ST FL.
0431315 REPLACE WOOD FRM(PNTD)EXT.WDW.1ST FL.
0431316 REFIN.RPLCD.WOOD FRM(PNTD)EXT.WDW.1ST FL
0431320 WOOD FRM.(PAINT) OPER.WNDW 2ND FLOOR
0431321 BRKN.GLS:RPLMNT.WOOD FRM(PNT)EXT.2ND FL.
0431322 REPAIR WOOD FRM.(PNT)OPER.WNDW. 2ND FLR.
0431324 REFINISH WOOD FRAME(PNTD)EXT.WDW.2ND FL.
0431325 REPLACE WOOD FRAME(PNTD)EXT.WDW.2ND FL.
0431326 REFIN.RPLCD.WOOD FRM(PNT)EXT.WDW.2ND FL.
0431330 WOOD FRM. (PAINT) OPER. WNDW. 3RD+ FLOOR
0431331 BRKN GLS:RPLMNT.WOOD FRM(PNT)EXT.3RD+FL.
0431332 REPAIR WOOD FRM.(PNT)OPER.WNDW. 3RD+ FL.
0431334 REFINISH WOOD FRM(PNTD)EXT.WDW.3RD+FL.
0431335 REPLACE WOOD FRM(PNTD)EXT.WDW.3RD+FLS.
0431336 REFIN.REPLCD.WOOD FRM(PNT)EXT.WDW.3RD+FL
0431400 PLASTIC (WOOD CORE) FRAME OPER. WINDOW
0431410 PLASTIC (WOOD CR)FRM.OPER.WNDW.1ST FLOOR
0431411 BR.GLS:REPL.PLAST.(WD.CR)FRM.EXT.1ST FL.
0431412 REPR.PLASTIC(WD.CORE)FRM.EXT.WDW.1ST FL.
0431415 REPLC.PLASTIC(WD.CORE)FRM.EXT.WDW.1ST FL
0431420 PLASTIC (WOOD CR) FRM.OPER.WNDW 2ND FLR.
0431421 BR.GLS:RPLMNT.PLAS.(WD.CR)FRM.EXT.2ND FL
0431422 REPR.PLASTIC(WD.CORE)FRM.EXT.WDW.2ND FL.
0431425 REPLC.PLAS.(WD.CORE)FRM.EXT.WDW.2ND FL.
0431430 PLASTIC (WOOD CR) FRM.OPER.WNDW.3RD+ FL.
0431431 BR.GLS:RPLMNT.PLAS(WD.CR)FRM.EXT.3RD FL.
0431432 REPAIR PLAS(WD.CORE)FRM.EXT.WDW.3RD+FL.
0431435 REPLACE PLAS(WD.CORE)FRM.EXT.WDW.3RD+FL.
0431500 GLASS BLOCK (OPERABLE) WINDOW
0431510 GLASS BLOCK (OPERABLE) WINDOW 1ST FLOOR
0431511 BRKN GLS:REPLMNT.GLASS BLOCK EXT.1ST FL.
0431512 REPAIR GLASS BLOCK EXT.WDW. 1ST FL.
0431515 REPLACE GLASS BLOCK EXT. WDW. 1ST FLOOR
0431520 GLASS BLOCK (OPERABLE) WINDOW 2ND FLOOR

CACES	DESCRIPTION
0431521	BRKN.GLS:REPLMNT.GLASS BLOCK EXT.1ST FL.
0431522	REPAIR GLASS BLOCK EXT. WDW. 2ND FLOOR
0431525	REPLACE GLASS BLOCK EXT. WDW. 2ND FLOOR
0431530	GLASS BLOCK (OPERABLE) WINDOW 3RD+ FLOOR
0431531	BRKN.GLS:REPLMNT.GLASS BLOCK EXT.3RD+FL.
0431532	REPAIR GLASS BLOCK EXT. WDW. 3RD +FLOORS
0431535	REPLACE GLASS BLOCK EXT. WDW. 3RD+FLOORS
0431600	DOUBLE PANE ALUMINUM OPERABLE WINDOW
0431610	DOUBLE PANE ALUMINUM OPER.WNDW. 1ST FLR.
0431611	BRKN.GLS:RPLMNT.ALUM.(DBL)EXT.1ST FL.
0431612	REPAIR ALUMINUM(DOUBLE)EXT.WDW.1ST FL.
0431615	REPLACE ALUMINIUM(DOUBLE)EXT.WDW.1ST FL.
0431620	DOUBLE PANE ALUMINUM OPER.WNDW. 2ND FLR.
0431621	BRKN.GLS:RPLMNT.ALUM.(DBL)EXT.2ND FL.
0431622	REPAIR ALUMINUM(DOUBLE)EXT.WDW.2ND FL.
0431625	REPLACE ALUMINUM(DOUBLE)EXT.WDW.2ND FL.
0431630	DOUBLE PANE ALUMINUM OPER.WNDW. 3RD+ FL.
0431631	BRKN.GLS:REPLMNT.ALUM.(DBL)EXT.3RD+FLS.
0431632	REPAIR ALUMINUM(DOUBLE)EXT.WDW. 3RD+FLS.
0431635	REPLACE ALUMINUM(DOUBLE)EXT.WDW.3RD+FLS.
0431700	DOUBLE PANE STEEL OPERABLE WINDOW
0431710	DOUBLE PANE STEEL OPER.WNDW. 1ST FLOOR
0431711	BRKN.GLS:RPLMT.STEEL.FRM(DBL)EXT.1ST FL.
0431712	REPAIR STEEL FRM.(DBL)OPER.WNDW.1ST FLR.
0431714	REFINISH STEEL FRAME(DBL)EXT.WDW.1ST FL.
0431715	REPLACE STEEL FRAME(DBL)EXT.WDW.1ST FL.
0431716	REFIN.REPLC.STEEL FRM.(DBL)EXT.1ST FL.
0431720	DOUBLE PANE STEEL OPER. WNDW. 2ND FLOOR
0431721	BRKN.GLS:RPLMT.STEEL FRM(DBL)EXT.2ND FL.
0431722	REPAIR STEEL FRM.(DBL)OPER.WNDW. 2ND FL.
0431724	REFINISH STEEL FRAME(DBL)EXT.WDW.2ND FL.
0431725	REPLACE STEEL FRAME(DBL)EXT.WDW. 2ND FL.
0431726	REFN.REPLC.STEEL FRM(DBL)EXT.WDW.2ND FL.
0431730	DOUBLE PANE STEEL OPER. WNDW. 3RD+ FLOOR
0431731	BRKN.GLS:RPLMT.STEEL FRM(DBL)EXT.3RD+FL.
0431732	REPAIR STEEL FRM.(DBL)OPER.WNDW.3RD+ FL.
0431734	REFINISH STEEL FRAME(DBL)EXT.WDW.3RD+FL.
0431735	REPLACE STEEL FRAME(DBL)EXT.WDW.3RD+FLS.
0431736	REFIN.RPLC.STEEL FRM(DBL)EXT.WDW.3RD+FL.
0431800	DOUBLE PANE WOOD FRAME OPERABLE WINDOW
0431810	DOUBLE PANE WOOD FRM.OPER.WNDW. 1ST FLR.
0431811	BRKN.GLS:RPLMNT.WOOD FRM(DBL)EXT.1ST FL.
0431812	REPAIR WOOD FRM.(DBL)EXT. WNDW. 1ST FL.
0431814	REFINISH WOOD FRAME(DBL)EXT.WDW.1ST FL.
0431815	REPLACE WOOD FRAME(DBL)EXT.WDW. 1ST FL.
0431816	REFIN.REPLC.WOOD FRM(DBL)EXT.WDW.1ST FL.
0431820	DOUBLE PANE WOOD FRM. OPER.WNDW. 2ND FL.
0431821	BRKN.GLS:RPLMNT.WOOD FRM(DBL)EXT.2ND FL.
0431822	REPAIR WOOD FRM.(DBL)EXT. WNDW. 2ND FL.
0431824	REFINISH WOOD FRAME(DBL)EXT.WDW.2ND FL.
0431825	REPLACE WOOD FRAME(DBL)EXT.WDW.2ND FL.
0431826	REFIN.REPLC.WOOD FRM(DBL)EXT.WDW.2ND FL.
0431830	DOUBLE PANE WOOD FRM.OPER.WNDW. 3RD+ FL.
0431831	BRKN.GLS:RPLMNT.WOOD FRM(DBL)EXT.3RD+FL.
0431832	REPAIR WOOD FRM.(DBL)EXT. WNDW. 3RD+ FL.

CACES	DESCRIPTION
0431834	REFINISH WOOD FRAME(DBL)EXT.WDW.3RD+FLS.
0431835	REPLACE WOOD FRAME(DBL)EXT.WDW.3RD+FLS.
0431836	REFIN.REPLC.WOOD FRM(DBL)EXT.WDW.3RD+FL.
0431900	DOUBLE PANE PLASTIC FRAME OPER. WINDOW
0431910	DOUBLE PANE PLASTIC FRM.OPR.WNDW.1ST FL.
0431911	BRKN.GLS:RPLMT.PLASTIC(WD.CR)EXT.1ST FL.
0431912	REPR.PLAST(WD.CR)FRM.DBL.EXT.WDW.1ST FL.
0431915	RPLC.PLAST(WD.CR)FRM.DBL.EXT.WDW.1ST FL.
0431920	DOUBLE PANE PLASTIC FRM.OPR.WNDW.2ND FL.
0431921	BRKN.GLS:RPLMT.PLASTIC(WD.CR)EXT.2ND FL.
0431922	REPR.PLAST(WD.CR)FRM.DBL.EXT.WDW.2ND FL.
0431925	RPLC.PLAST(WD.CR)FRM.DBL.EXT.WDW.2ND FL.
0431930	DOUBLE PANE PLASTIC FRM.OPR.WNDW.3RD FL.
0431931	BRKN.GLS:RPLMT.PLASTIC(WD.CR)EXT.3RD+FL.
0431932	REPR.PLAST(WD.CR)FRM.DBL.EXT.WDW.3RD+FL.
0431935	RPLC.PLAST(WD.CR)FRM.DBL.EXT.WDW.3RD+FL.
0432000	FIXED WINDOWS
0432100	ALUMINUM FIXED WINDOW
0432110	ALUMINUM FIXED WINDOW 1ST FLOOR
0432111	BRKN.GLS:RPLMNT.ALUM.FIX.EXT.WDW.1ST FL.
0432112	REPAIR ALUMINUM FIX.EXT.WDW.1ST FLOOR
0432115	REPLACE ALUMINUM FIX.EXT.WDW.1ST FLOOR
0432120	ALUMINUM FIXED WINDOW 2ND FLOOR
0432121	BRKN.GLS:REPLMT.ALUM.FIX.EXT.WDW.2ST FL.
0432122	REPAIR ALUMINUM FIX.EXT.WDW.2ND FLOOR
0432125	REPLACE ALUMINUM FIXED EXT.WDW.2ND FLOOR
0432130	ALUNINUM FIXED WINDOW 3RD+ FLOOR
0432131	BRKN.GLS:REPLMT ALUM.FIX.EXT.WDW.3RD+FL.
0432132	REPAIR ALUMINUM FIXED EXT.WDW.3RD+FLOORS
0432135	REPLACE ALUMINUM FIXED EXT.WDW.3RD+FLOOR
0432200	STEEL FRAME (PAINTED) FIXED WINDOW
0432210	STEEL FRAME (PAINT) FIXED WNDW. 1ST FLR.
0432211	BRKN.GLS:RPLMT.STEEL FRM(PND)EXT.1ST FL.
0432212	REPAIR STEEL FRAME(PNT)EXT.WDW.1ST FLOOR
0432214	REFINISH STEEL FRAME(PNT)EXT.WDW.1ST FL.
0432215	REPLACE STEEL FRAME(PNTD)EXT.WDW.1ST FL.
0432216	REFIN.RPLC.STEEL FRM.FIX.EXT.WDW.1ST FL.
0432220	STEEL FRAME (PAINT) FIXED WNDW. 2ND FLR.
0432221	BRKN.GLS:RPLMT.STEEL FRM.FIX.EXT.2ND FL.
0432222	REPR.STEEL FRAME FIX.EXT.WDW.2ND FLOOR
0432224	REFIN.STEEL FRAME FIX.EXT.WDW.2ND FLOOR
0432225	REPLC.STEEL FRAME FIX.EXT.WDW.2ND FLOOR
0432226	REFIN.RPLC.STEEL FRM.FIX.EXT.WDW.2ND FL.
0432230	STEEL FRAME (PAINT) FIXED WNDW. 3RD+ FL.
0432231	BRKN.GLS:RPLMT.STEEL FRM.FIX.EXT.3RD+FL.
0432232	REPAR.STEEL FRAME FIX.EXT.WDW.3RD+FLOORS
0432234	REFINISH STEEL FRAME FIX.EXT.WDW.3RD+FL.
0432235	REPLACE STEEL FRAME FIX.EXT.WDW.3RD+FLS.
0432236	REFIN.RPLC.STEEL FRM.FIX.EXT.WDW.3RD+FL.
0432300	WOOD FRAME (PAINTED) FIXED WINDOW
0432310	WOOD FRAME (PAINT) FIXED WNDW. 1ST FLOOR
0432311	BRKN.GLS:REPLMT.WOOD FRM.FIX.EXT.1ST FL.
0432312	REPAIR WOOD FRAME FIX.EXT.WDW.1ST FLOOR
0432314	REFINISH WOOD FRAME FIX.EXT.WDW.1ST FLR.
0432315	REPLACE WOOD FRAME FIX.EXT.WDW.1ST FLOOR

CACES	DESCRIPTION
0432316	REFIN.RPLC.WOOD FRM.FIX.EXT.WDW.1ST FLR.
0432320	WOOD FRAME (PAINT) FIXED WNDW. 2ND FLOOR
0432321	BRKN.GLS:RPLMT.WOOD FRM.FIX.EXT.2ND FLR.
0432322	REPAIR WOOD FRAME FIXED EXT.WDW.2ND FL.
0432324	REFINISH WOOD FRAME FIX.EXT.WDW.2ND FLR.
0432325	REPLACE WOOD FRAME FIX.EXT.WDW.2ND FLOOR
0432326	REFIN.RPLC.WOOD FRM.FIX.EXT.WDW.2ND FLR.
0432330	WOOD FRAME (PAINT) FIXED WNDW. 3RD+ FLR.
0432331	BRKN.GLS:RPLMT.WOOD FRM.FIX.EXT.3RD+FLS.
0432332	REPAIR WOOD FRAME FIX.EXT.WDW.3RD+FLOORS
0432334	REFINISH WOOD FRAME FIX.EXT.WDW.3RD+FLS.
0432335	REPLACE WOOD FRAME FIX.EXT.WDW.3RD+FLRS.
0432336	REFIN.RPLC.WOOD FRM.FIX.EXT.WDW.3RD+FLS.
0432400	PLASTIC (WOOD FRAME) FIXED WINDOW
0432410	PLASTIC (WOOD FRM) FIXED WNDW. 1ST FLR.
0432411	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.1ST FL.
0432412	REPR.PLAST(WD.CR)FRM.FIX.EXT.WDW.1ST FL.
0432415	RPLC.PLAST(WD.CR)FRM.FIX.EXT.WDW.1ST FL.
0432420	PLASTIC (WOOD FRM) FIXED WNDW. 2ND FLOOR
0432421	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.2ND FL.
0432422	REPR.PLAST(WD CR)FRM.FIX.EXT.WDW.2ND FL.
0432425	RPLC.PLAST(WD.CR)FRM.FIX.EXT.WDW.2ND FL.
0432430	PLASTIC (WOOD FRM) FIXED WNDW. 3RD+ FLR.
0432431	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.3RD+FL.
0432432	REPR.PLAST(WD.CR)FRM.FIX.EXT.WDW.3RD+FL.
0432435	RPLC.PLAST(WD.CR)FRM.FIX.EXT.WDW.3RD FL.
0432500	GLASS BLOCK FIXED WINDOW
0432510	GLASS BLOCK FIXED WINDOW 1ST FLOOR
0432511	BRKN.GLS:REPLMNT.GLASS BLOCK FIX.1ST FL.
0432512	REPAIR GLASS BLOCK FIX.EXT.WDW.1ST FLOOR
0432515	REPLACE GLASS BLOCK FIX.EXT.WDW.1ST FLR.
0432520	GLASS BLOCK FIXED WINDOW 2ND FLOOR
0432521	BRKN.GLS:REPLMT.GLASS BLOCK FIX.2ND FLR.
0432522	REPAIR GLASS BLOCK FIX.EXT.WDW.2ND FLOOR
0432525	REPLACE GLASS BLOCK FIX.EXT.WDW.2ND FLR.
0432530	GLASS BLOCK FIXED WINDOW 3RD+ FLOOR
0432531	BRKN.GLS:REPLMNT.GLASS BLOCK FIX.3RD+FL.
0432532	REPAIR GLASS BLOCK FIX.EXT.WDW.3RD+FLRS.
0432535	REPLACE GLASS BLOCK FIX.EXT.WDW.3RD+FLS.
0432600	DOUBLE PANE ALUMINUM FIXED WINDOW
0432610	DOUBLE PANE ALUMINUM FIXED WNDW. 1ST FL.
0432611	BRKN.GLS:RPLMT.ALUM.FIX(DBL)EXT.1ST FLR.
0432612	REPAIR ALUMINUM FIX(DBL)EXT.WDW.1ST FLR.
0432615	REPLACE ALUMINUM FIX(DBL)EXT.WDW.1ST FL.
0432620	DOUBLE PANE ALUMINUM FIXED WNDW. 2ND FL.
0432621	BRKN.GLS:RPLMT.ALUM.FIX(DBL)EXT.1ST FLR.
0432622	REPAIR ALUMINUM FIX(DBL)EXT.WDW.2ND FLR.
0432625	REPLACE ALUMINUM FIX(DBL)EXT.WDW.2ND FL.
0432630	DOUBLE PANE ALUMINUM FIXED WNDW. 3RD FL.
0432631	BRKN.GLS:REPLMT.ALUM.FIX(DBL)EXT.3RD+FL.
0432632	REPAIR ALUMINUM FIX(DBL)EXT.WDW.3RD+FLS.
0432635	REPLACE ALUMINUM FIX(DBL)EXT.WDW.3RD FL.
0432700	DOUBLE PANE STEEL FIXED WINDOW
0432710	DOUBLE PANE STEEL FIXED WNDW. 1ST FLOOR
0432711	BRKN.GLS:RPLMT.STEEL FRM.FIX(DBL)1ST FL.

CACES	DESCRIPTION
0432712	REPAIR STEEL FRM(DBL)FIX.EXT.WDW.1ST FL.
0432714	REFIN.STEEL FRM(DBL)FIX.EXT.WDW.1ST FLR.
0432715	REPLCE.STEEL FRM(DBL)FIX.EXT.WDW.1ST FL.
0432716	RFN.RPLC.STL.FRM(DBL)FIX.EXT.WDW.1ST FL.
0432720	DOUBLE PANE STEEL FIXED WNDW. 2ND FLOOR
0432721	BRKN.GLS:RPLMT.STEEL FRM(DBL)FIX.2ND FL.
0432722	REPAIR STEEL FRM(DBL)FIX.EXT.WDW.2ND FL.
0432724	REFIN.STEEL FRM(DBL)FIX.EXT.WDW.2ND FLR.
0432725	REPLCE.STEEL FRM(DBL)FIX.EXT.WDW.2ND FL.
0432726	RFN.RPLC.STL.FRM(DBL)FIX.EXT.WDW.2ND FL.
0432730	DOUBLE PANE STEEL FIXED WNDW. 3RD+ FLOOR
0432731	BRKN.GLS:RPLMT.STEEL FRM(DBL)FIX.3RD+FL.
0432732	REPAIR STEEL FRM(DBL)FIX.EXT.WDW.3RD+FL.
0432734	REFIN.STEEL FRM(DBL)FIX.EXT.WDW.3RD+FLS.
0432735	REPLCE.STEEL FRM(DBL)FIX.EXT.WDW.3RD+FL.
0432736	RFN.RPLC.STL.FRM(DBL)FIX.EXT.WDW.3RD+FL.
0432800	DOUBLE PANE WOOD FRAME FIXED WINDOW
0432810	DOUBLE PANE WOOD FRM. FXD.WNDW. 1ST FLR.
0432811	BRKN.GLS:REPLMT.WOOD FRM(DBL)FIX.1ST FL.
0432812	REPAIR WOOD FRM(DBL)FIX.EXT.WDW.1ST FLR.
0432814	REFIN. WOOD FRM(DBL)FIX.EXT.WDW.1ST FLR.
0432815	REPLCE.WOOD FRM(DBL)FIX.EXT.WDW.1ST FLR.
0432816	RFN.RPLC.WOOD FRM(DBL)FIX.EXT.WDW.1ST FL
0432820	DOUBLE PANE WOOD FRM. FXD. WNDW. 2ND FL.
0432821	BRKN.GLS:REPLMT.WOOD FRM(DBL)FIX.2ND FL.
0432822	REPAIR WOOD FRM(DBL)FIX.EXT.WDW.2ND FLR.
0432824	REFIN.WOOD FRM(DBL)FIX.EXT.WDW.2ND FL.
0432825	REPLACE WOOD FRM(DBL)FIX.EXT.WDW.2ND FL.
0432826	RFN.RPLC.WOOD FRM(DBL)FIX.EXT.WDW.2ND FL
0432830	DOUBLE PANE WOOD FRM. FXD. WNDW. 3RD FL.
0432831	BRKN.GLS:REPLMT.WOOD FRM(DBL)FIX.3RD+FL.
0432832	REPAIR WOOD FRM(DBL)FIX.EXT.WDW.3RD+FLR.
0432834	REFIN.WOOD FRM(DBL)FIX.EXT.WDW.3RD+FLS.
0432835	REPLACE WOOD FRM(DBL)FIX.EXT.WDW.3RD+FL.
0432836	RFN.RPLC.WOOD FRM(DBL)FIX.EXT.WDW.3RD+FL
0432900	DOUBLE PANE PLASTIC FRAME FIXED WINDOW
0432910	DOUBLE PANE PLASTIC FRM.FXD.WNDW.1ST FL.
0432911	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.1ST FL.
0432912	REPR.PLAST(WD.CR)DBL.FIX.EXT.WDW.1ST FL.
0432915	RPLC.PLAST(WD.CR)DBL.FIX.EXT.WDW.1ST FL.
0432920	DOUBLE PANE PLASTIC FRM.FXD.WNDW.2ND FL.
0432921	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.2ND FL.
0432922	REPR.PLAST(WD.CR)DBL.FIX.EXT.WDW.2ND FL.
0432925	RPLC.PLAST(WD.CR)DBL.FIX.EXT.WDW.2ND FL.
0432930	DOUBLE PANE PLASTIC FRM.FXD.WNDW.3RD FL.
0432931	BRKN.GLS:RPLMT.PLASTIC(WD.CR)FIX.3RD+FL.
0432932	REPR.PLAST(WD.CR)DBL.FIX.EXT.WDW.3RD+FL.
0432935	RPLC.PLAST(WD.CR)DBL.FIX.EXT.WDW.3RD+FL.
0433000	LOUVERS AND SHUTTERS
0433100	LOUVERS AND SHUTTERS
0433110	WOOD LOUVER IN FRAME 1ST FLOOR
0433112	REPAIR WOOD LOUVER IN FRAME 1ST FLOOR
0433113	REFIN REPAIRD WD LOUVER IN FRAME 1ST FL
0433114	REFINISH WOOD LOUVER IN FRAME 1ST FLOOR
0433115	REPLACE WOOD LOUVER IN FRAME 1ST FLOOR

CACES DESCRIPTION

0433116 REFIN REPLACD WOOD LOUVR IN FRAME 1ST FL
0433120 WOOD LOUVER IN FRAME 2ND FLOOR
0433122 REPAIR WOOD LOUVER IN FRAME 2ND FLOOR
0433123 REFIN REPLCED WD LOUVER IN FRAME 2ND FL
0433124 REFINISH WOOD LOUVER IN FRAME 2ND FLOOR
0433125 REPLACE WOOD LOUVER IN FRAME 2ND FLOOR
0433126 REFIN REPLACD WD LOUVER IN FRAME 2ND FL
0433130 WOOD LOUVER IN FRAME 3RD FLOOR
0433132 REPAIR WOOD LOUVER IN FRAME 3RD FLOOR
0433133 REFIN REPAIRD WD LOUVER IN FRAME 3RD FL
0433134 REFINISH WOOD LOUVER IN FRAME 3RD FLOOR
0433135 REPLACE WOOD LOUVER IN FRAME 3RD FLOOR
0433136 REFIN REPLACD WD LOUVER IN FRAME 3RD FL
0433200 ALUMINUM LOUVERS
0433210 ALUMINUM LOUVER IN FRAME 1ST FLOOR
0433212 REPAIR ALUM LOUVER IN FRAME 1ST FLOOR
0433213 REFIN REPRAIRD ALUM LOUV IN FRAME 1ST FR
0433214 REFINISH ALUM LOUVER IN FRAME 1ST FLOOR
0433215 REPLACE ALUM LOUVER IN FRAME 1ST FLOOR
0433216 REFIN REPLCED ALUM LOUVR IN FRAME 1ST FL
0433220 ALUMINUM LOUVERS (IN FRAME) 2ND FLOOR
0433222 REPAIR ALUMINUM LOUVER(FRAMED) 2ND FLOOR
0433223 REFINISH REPAIRED ALUMINUM LOUVER 2ND FL
0433224 REFINISH ALUMINUM LOUVER(FRAMED) 2ND FL.
0433225 REPLACE ALUMINUM LOUVER(FRAMED) 2ND FLR.
0433226 REFINISH REPLACED ALUMIN.LOUVER 2ND FLR.
0433230 ALUMINUM LOUVER (IN FRAME) 3RD FLOOR
0433232 REPAIR ALUMINUM LOUVER (FRAMED) 3RD FLR.
0433233 REFINISH REPAIRED ALUMIN.(FRMD) 3RD FLR.
0433234 REFINISH ALUMINUM LOUVER (FRMD) 3RD FLR.
0433235 REPLACE ALUMINUM LOUVER (FRAMED)3RD FLR.
0433236 REFINISH REPLACED ALUMIN.LOUVER 3RD FLR.
0433300 STEEL LOUVERS WITH FRAME
0433310 STEEL LOUVERS WITH FRAME 1ST FLOOR
0433312 REPAIR STEEL LOUVER (FRAMED) 1ST FLOOR
0433313 REFINISH REPAIRED STEEL (FRAME) 1ST FLR.
0433314 REFINISH STEEL LOUVER (FRAMEED) 1ST FLR.
0433315 REPLACE STEEL LOUVER (FRAMED) 1ST FLOOR
0433316 REFINISH REPLACED STEEL (FRAME) 1ST FLR.
0433320 STEEL LOUVERS WITH FRAME 2ND FLOOR
0433322 REPAIR STEEL LOUVER (FRAME) 2ND FLOOR
0433323 REFIN.REPLCD.STEEL LOUVER (FRM) 2ND FLR.
0433324 REFINISH STEEL LOUVER (FRAMED) 2ND FLOOR
0433325 REPLACE STEEL LOUVER (FRAMED) 2ND FLOOR
0433326 REFIN.REPLCD.STEEL LOUVER (FRM) 2ND FLR.
0433330 STEEL LOUVERS WITH FRAME 3RD FLOOR
0433332 REPAIR STEEL LOUVER (FRAMED) 3RD FLOOR
0433333 REFINISH REPRD.STEEL LOUVER (FRM)3RD FL.
0433334 REFINISH STEEL LOUVER (FRAMED) 3RD FLOOR
0433335 REPLACE STEEL LOUVER (FRAMED) 3RD FLOOR
0433336 REFIN. REPLCD.STEEL LOUVER (FRM) 3RD FL.
0433400 WOOD SHUTTER WITH FRAME
0433410 WOOD SHUTTER WITH FRAME 1ST FLOOR
0433412 REPAIR WOOD SHUTTER (FRAMED) 1ST FLOOR
0433413 REFINISH REPRD.WOOD SHUTTER (FRM)1ST FL.

CACES DESCRIPTION

0433414 REFINISH WOOD SHUTTER (FRAMED) 1ST FLOOR
0433415 REPLACE WOOD SHUTTER (FRAMED) 1ST FLOOR
0433416 REFIN. REPLCD.WOOD SHUTTER (FRM) 1ST FL.
0433420 WOOD SHUTTER WITH FRAME 2ND FLOOR
0433422 REPAIR WOOD SHUUTER (FRAME) 2ND FLOOR
0433423 REFIN. REPRD. WOOD SHUTTER (FRM) 2ND FL.
0433424 REFINISH WOOD SHUTTER (FRAMED) 2ND FLOOR
0433425 REPLACE WOOD SHUTTER (FRAMED) 2ND FLOOR
0433426 REFIN. REPLCD.WOOD SHUTTER (FRM) 1ST FL.
0433430 WOOD SHUTTER WITH FRAME 3RD FLOOR
0433432 REPAIR WOOD SHUTTER (FRAMED) 3RD FLOOR
0433433 REFIN. REPRD. WOOD SHUTTER (FRM) 3RD FL.
0433434 REFINISH WOOD SHUTTER (FRAMED) 3RD FLOOR
0433435 REPLACE WOOD SHUTTER (FRAMED) 3RD FLOOR
0433436 REFIN. REPLCD. WOOD SHUTTER (FRM)3RD FL.
0433500 ALUMINUM SHUTTER WITH FRAME
0433510 ALUMINUM SHUTTER WITH FRAME 1ST FLOOR
0433512 REPAIR ALUMINUM SHUTTER (FRAMED) 1ST FL.
0433513 REFIN. REPRD. ALUMIN. (FRAMED) 1ST FLOOR
0433514 REFINISH ALUMINUM SHUTTER (FRM) 1ST FLR.
0433515 REPLACE ALUMINUM SHUTTER (FRAMED)1ST FL.
0433516 REFIN.REPLCD.ALUMIN.SHUTTER (FRM)1ST FL.
0433520 ALUMINUM SHUTTER WITH FRAME 2ND FLOOR
0433522 REPAIR ALUMINUM SHUTTER (FRAME) 2ND FLR.
0433523 REFIN.REPLCD.ALUMIN.SHUTTER (FRM)2ND FL.
0433524 REFINISH ALUMINUM SHUTTER (FRM) 2ND FL.
0433525 REPLACE ALUMINUM SHUTTER (FRAME) 2ND FL.
0433526 REFIN.REPLCD.ALUMIN.SHUTTER (FRM)2ND FL.
0433530 ALUMINUM SHUTTER WITH FRAME 3RD FLOOR
0433532 REPAIR ALUMINUM SHUTTER (FRAMED) 3RD FL.
0433533 REFIN.REPLCD.ALUMIN.SHUTTER (FRM)3RD FL.
0433534 REFINISH ALUMINUM SHUTTER (FRMD) 3RD FL.
0433535 REPLACE ALUMINUM SHUTTER (FRAMED)3RD FL.
0433536 REFIN.REPLCD.ALUMIN.SHUTTER (FRM)3RD FL.
0433600 STEEL SHUTTER WITH FRAME
0433610 STEEL SHUTTER WITH FRAME 1ST FLOOR
0433612 REPAIR STEEL SHUTTER (FRAME) 1ST FLOOR
0433613 REFIN. REPRD.STEEL SHUTTER (FRM) 1ST FL.
0433614 REFINISH STEEL SHUTTER (FRAME) 1ST FLOOR
0433615 REPLACE STEEL SHUTTER (FRAMED) 1ST FLOOR
0433616 REFIN. REPLCD.STEEL SHUTTER (FRM)1ST FL.
0433620 STEEL SHUTTER WITH FRAME 2ND FLOOR
0433622 REPAIR STEEL SHUTTER (FRAME) 2ND FLOOR
0433623 REFIN. REPRD. STEEL SHUTTER (FRM)1ST FL.
0433624 REFINISH STEEL SHUTTER (FRAME) 2ND FLOOR
0433625 REPLACE STEEL SHUTTER (FRAME) 2ND FLOOR
0433626 REFIN.REPLCD. STEEL SHUTTER (FRM)2ND FL.
0433630 STEEL SHUTTER WITH FRAME 3RD FLOOR
0433632 REPAIR STEEL SHUTTER (FRAME) 3RD FLOOR
0433633 REFIN. REPRD.STEEL SHUTTER (FRM) 3RD FL.
0433634 REFINISH STEEL SHUTTER (FRAME) 3RD FLOOR
0433635 REPLACE STEEL SHUTTER (FRAMED) 3RD FLOOR
0433636 REFIN.REPLCD. STEEL SHUTTER (FRM)3RD FL.
0434000 WINDOW COVERINGS & SPECIAL EXT. WINDOWS
0434100 ALUMINUM FRAME STORM WINDOWS

CACES	DESCRIPTION
0434110	ALUMINUM FRAME STORM WINDOWS 1ST FLOOR
0434111	BRKN.GLS.RPLMT:ALUM.FRM.STORM WIN.1ST FL
0434112	REPAIR ALUMINUM FRM. STORM WIND. 1ST FL.
0434114	REFINISH ALUMINUM FRM.STORM WIND.1ST FL.
0434115	REPLACE ALUMINUM FRM.STORM WIND.1ST FLR.
0434116	REFIN.REPLCD.ALUM.FRM.STORM WIN.1ST FLR.
0434120	ALUMINUM FRAME STORM WINDOWS 2ND FLOOR
0434121	BRKN.GLS.RPLMT.ALUM.FRM.STORM WIN.2ND FL
0434122	REPAIR ALUMINUM FRM.STORM WINDOW 2ND FL.
0434124	REFINISH ALUMINUM FRM.STORM WIND.2ND FL.
0434125	REPLACE ALUMINUM FRM.STORM WIND. 2ND FL.
0434126	REFIN.REPLCD.ALUM.FRM.STORM WIN.2ND FLR.
0434130	ALUMINUM FRAME STORM WINDOWS 3RD FLOOR
0434131	BRKN.GLS.RPLMT.ALUM.FRM.STORM WIN.3RD FL
0434132	REPAIR ALUMINUM FRM.STORM WINDOW 3RD FL.
0434134	REFINISH ALUMINUM FRM.STORM WIND.3RD FL.
0434135	REPLACE ALUMINUM FRM.STORM WIND. 3RD FL.
0434136	REFIN.REPLCD.ALUM.FRM.STORM WIND.3RD FL.
0434200	STEEL FRAME STORM WINDOWS
0434210	STEEL FRAME STORM WINDOWS 1ST FLOOR
0434211	BRK.GLS.RPLMT.STEEL FRM.STORM WIN.1ST FL
0434212	REPAIR STEEL FRAME STORM WINDOW 1ST FL.
0434214	REFINISH STEEL FRM.STORM WINDOW 1ST FL.
0434215	REPLACE STEEL FRAME STORM WINDOW 1ST FL.
0434216	REFIN.REPLCD.STEEL FRAME WINDOW 1ST FLR.
0434220	STEEL FRAME STORM WINDOWS 2ND FLOOR
0434221	BRK.GLS.RPLMT.STEEL FRM.STORM WIN.2ND FL
0434222	REPAIR STEEL FRAME STORM WINDOW 2ND FLR.
0434224	REFINISH STEEL FRAME STORM WIND. 2ND FL.
0434225	REPLACE STEEL FRAME STORM WINDOW 2ND FL.
0434226	REFIN.REPLCD. STEEL FRAME WINDOW 2ND FL.
0434230	STEEL FRAME STORM WINDOWS 3RD FLOOR
0434231	BRK.GLS.RPLMT.STEEL FRM.STORM WIN.3RD FL
0434232	REPAIR STEEL FRAME STORM WINDOW 3RD FLR.
0434234	REFINISH STEEL FRAME STORM WIND. 3RD FL.
0434235	REPLACE STEEL FRAME STORM WINDOW 3RD FL.
0434236	REFIN.REPLCD.STEEL FRM.STORM WIN.3RD FL.
0434300	WOOD FRAME STORM WINDOW
0434310	WOOD FRAME STORM WINDOW 1ST FLOOR
0434311	BRKN.GLS.RPLMT.WOOD FRM.STORM WIN.1ST FL
0434312	REPAIR WOOD FRAME STORM WINDOW 1ST FLOOR
0434314	REFINISH WOOD FRAME STORM WINDOW 1ST FL.
0434315	REPLACE WOOD FRAME STORM WINDOW 1ST FLR.
0434316	REFIN.REPLCD. WOOD FRAME WINDOW 1ST FLR.
0434320	WOOD FRAME STORM WINDOW 2ND FLOOR
0434321	BRKN.GLS.RPLMT:WOOD FRM.STORM WIN.2ND FL
0434322	REPAIR WOOD FRAME STORM WINDOW 2ND FLOOR
0434324	REFINISH WOOD FRAME STORM WINDOW 2ND FL.
0434325	REPLACE WOOD FRAME STORM WINDOW 2ND FLR.
0434326	REFIN.REPLCD. WOOD FRM.STORM WIN.2ND FL.
0434330	WOOD FRAME STORM WINDOW 3RD FLOOR
0434331	BRKN.GLS.RPLMT:WOOD FRM.STORM WIN.3RD FL
0434332	REPAIR WOOD FRAME STORM WINDOW 3RD FLOOR
0434334	REFINISH WOOD FRAME STORM WINDOW 3RD FL.
0434335	REPLACE WOOD FRAME STORM WINDOWS 3RD FL.

CACES	DESCRIPTION
0434336	REFIN.REPLCD.WOOD FRM.STORM WIN.3RD FLR.
0434400	METAL WINDOW GRATINGS
0434410	METAL WINDOW GRATINGS 1ST FLOOR
0434412	REPAIR METAL WINDOW GRATINGS 1ST FLOOR
0434414	REFINISH METAL WINDOW GRATING 1ST FLOOR
0434415	REPLACE METAL WINDOW GRATING 1ST FLOOR
0434416	REFIN.REPLCD.METAL WINDOW GRATING 1ST FL
0434420	METAL WINDOW GRATINGS 2ND FLOOR
0434422	REPAIR METAL WINDOW GRATING 2ND FLOOR
0434424	REFINISH METAL WINDOW GRATING 2ND FLOOR
0434425	REPLACE METAL WINDOW GRATING 2ND FLOOR
0434426	REFIN.REPLCD.METAL WINDOW GRATING 2ND FL
0434430	METAL WINDOW GRATINGS 3RD FLOOR
0434432	REPAIR METAL WINDOW GRATINGS 3RD FLOOR
0434434	REFINISH METAL WINDOW GRATING 3RD FLOOR
0434435	REPLACE METAL WINDOW GRATING 3RD FLOOR
0434436	REFIN.REPLCD.METAL WINDOW GRATING 3RD FL
0434500	METAL WIRE MESH WINDOW COVERING
0434510	METAL WIRE MESH WINDOW COVER 1ST FLOOR
0434512	REPAIR METAL MESH WINDOW COVER 1ST FLOOR
0434514	REFINISH METAL MESH WINDOW COVER 1ST FL.
0434515	REPLACE METAL MESH WINDOW COVER 1ST FLR.
0434516	REFIN.REPLCD.METAL MESH WIND.CVR.1ST FL.
0434520	METAL WIRE MESH WINDOW COVER 2ND FLOOR
0434522	REPAIR METAL MESH WINDOW COVER 2ND FLOOR
0434524	REFINISH METAL MESH WINDOW COVER 2ND FL.
0434525	REPLACE METAL MESH WINDOW COVER 2ND FLR.
0434526	REFIN.REPLCD.METAL MESH WIND.CVR.2ND FL.
0434530	METAL WIRE MESH WINDOW COVER 3RD FLOOR
0434532	REPAIR METAL MESH WINDOW COVER 3RD FLOOR
0434534	REFINISH METAL MESH WINDOW COVER 3RD FL.
0434535	REPLACE METAL MESH WINDOW COVER 3RD FLR.
0434536	REFINISH METAL MESH WINDOW COVER 3RD FL.
0434600	ALUMINUM FRAME SCREEN WINDOW COVER
0434610	ALUMINUM FRAME SCREEN COVER 1ST FLOOR
0434612	REPAIR ALUMINUM FRAME SCREEN 1ST FLOOR
0434614	REFINISH ALUMINUM FRAME SCREEN 1ST FLOOR
0434615	REPLACE ALUMINUM FRAME SCREEN 1ST FLOOR
0434616	REFIN.REPLCD.ALUMIN.FRAME SCREEN 1ST FL.
0434620	ALUMINUM FRAME SCREEM COVER 2ND FLOOR
0434622	REPAIR ALUMINUM FRAME SCREEN 2ND FLOOR
0434624	REFINISH ALUMINUM FRAME SCREEN 2ND FLOOR
0434625	REPLACE ALUMINUM FRAME SCREEN 2ND FLOOR
0434626	REFIN.REPLCD.ALUMIN.FRAME SCREEN 2ND FL.
0434630	ALUMINUM FRAME SCREEN COVER 3RD FLOOR
0434632	REPAIR ALUMINUM FRAME SCREEN CVR.3RD FL.
0434634	REFINISH ALUMINUM FRAME SCREEN 3RD FLOOR
0434635	REPLACE ALUMINUM FRAME SCREEN 3RD FLOOR
0434636	REFIN.REPLCD.ALUMIN.FRAME SCREEN 3RD FL.
0434700	STEEL FRAME SCREEN WINDOW COVER
0434710	STEEL FRAME SCREEN COVER 1ST FLOOR
0434712	REPAIR STEEL FRAME SCREEN COVER 1ST FLR.
0434714	REFINISH STEEL FRAME SCREEN CVR.1ST FLR.
0434715	REPLACE STEEL FRAME SCREEN COVER 1ST FL.
0434716	REFIN.REPLCD.STEEL FRAME SCREEN 1ST FLR.

CACES DESCRIPTION

0434720 STEEL FRAME SCREEN COVER 2ND FLOOR
0434722 REPAIR STEEL FRAME SCREEN COVER 2ND FLR.
0434724 REFINISH STEEL FRAME SCREEN COVR.2ND FL.
0434725 REPLACE STEEL FRAME SCREEN COVER 2ND FL.
0434726 REFIN.REPLCD.STEEL FRAME SCREEN 2ND FLR.
0434730 STEEL FRAME SCREEN COVER 3RD FLOOR
0434732 REPAIR STEEL FRAME SCREEN COVER 2ND FLR.
0434734 REFINISH STEEL FRAME SCREEN COVR.3RD FL.
0434735 REPLACE STEEL FRAME SCREEN COVER 3RD FL.
0434736 REFIN.REPLCD.STEEL FRAME SCREEN 3RD FLR.
0434800 WOOD FRAME SCREEN WINDOW COVER
0434810 WOOD FRAME SCREEN WINDOW COVER 1ST FLOOR
0434812 REPAIR WOOD FRAME SCREEN COVER 1ST FLOOR
0434814 REFINISH WOOD FRAME SCREEN COVER 1ST FL.
0434815 REPLACE WOOD FRAME SCREEN COVER 1ST FLR.
0434816 REFIN.REPLCD.WOOD FRAME SCREEN 1ST FLOOR
0434820 WOOD FRAME SCREEN WINDOW COVER 2ND FLOOR
0434822 REPAIR WOOD FRAME SCREEN COVER 2ND FLOOR
0434824 REFINISH WOOD FRAME SCREEN COVER 2ND FL.
0434825 REPLACE WOOD FRAME SCREEN COVER 2ND FLR.
0434826 REFIN.REPLCD.WOOD FRAME SCREEN 3RD FLOOR
0434830 WOOD FRAME SCREEN WINDOW COVER 3RD FLOOR
0434832 REPAIR WOOD FRAME SCREEN COVER 3RD FLOOR
0434834 REFINISH WOOD FRAME SCREEN COVER 3RD FL.
0434835 REPLACE WOOD FRAME SCREEN COVER 3RD FLR.
0434836 REFIN.REPLCD.WOOD FRAME SCREEN 3RD FLOOR
0434900 LEAD-LINED WINDOW W/FRAME
0434910 LEAD-LINED WINDOW 1ST FLOOR
0434911 BRKN.GLS.RPLMT:LEAD-LINED WINDOW 1ST FL.
0434912 REPAIR LEAD-LINED WINDOW 1ST FLOOR
0434914 REFINISH LEAD-LINED WINDOW 1ST FLOOR
0434915 REPLACE LEAD-LINED WINDOW 1ST FLOOR
0434916 REFIN.REPLCD.LEAD-LINED WINDOW 1ST FLOOR
0434920 LEAD-LINED WINDOW 2ND FLOOR
0434921 BRKN.GLS.RPLMT:LEAD-LINED WINDOW 2ND FL.
0434922 REPAIR LEAD-LINED WINDOW 2ND FLOOR
0434924 REFINISH LEAD-LINED WINDOW 2ND FLOOR
0434925 REPLACE LEAD-LINED WINDOW 2ND FLOOR
0434926 REFIN.REPLCD.LEAD-LINED WINDOW 2ND FLOOR
0434930 LEAD-LINED WINDOW 3RD FLOOR
0434931 BRKN.GLS.RPLMT:LEAD-LINED WINDOW 3RD FL.
0434932 REPAIR LEAD-LINED WINDOW 3RD FLOOR
0434934 REFINISH LEAD-LINED WINDOW 3RD FLOOR
0434935 REPLACE LEAD-LINED WINDOW 3RD FLOOR
0434936 REFIN.REPLCD.LEAD-LINED WINDOW 3RD FLR.

0440000 EXTERIOR PORCHES
0441000 DECKS
0441100 CONCRETE DECKING - PORCH
0441102 REPAIR CONCRETE DECKING EXTERIOR PORCH
0441103 REFINISH REPAIRED CONC.DECKING EXT.PORCH
0441104 REFINISH CONCRETE DECKING EXTERIOR PORCH
0441105 REPLACE CONCRETE DECKING EXTERIOR PORCH
0441106 REFINISH REPLACED CONC.DECKING EXT.PORCH
0441200 WOOD DECKING - PORCH
0441202 REPAIR WOOD DECKING EXTERIOR PORCH

CACES DESCRIPTION

0441203 REFINISH REPAIRED WOOD DECKING EXT.PORCH
0441204 REFINISH WOOD DECKING EXTERIOR PORCH
0441205 REPLACE WOOD DECKING EXTERIOR PORCH
0441206 REFINISH REPLACED DECKING EXTERIOR PORCH
0441300 METAL DECKING-PORCH
0441302 REPAIR METAL DECKING EXTERIOR PORCH
0441303 REFINISH REPAIRED METAL DECK.EXT.PORCH
0441304 REFINISH METAL DECKING EXTERIOR PORCH
0441305 REPLACE METAL DECKING EXTERIOR PORCH
0441306 REFINISH REPLACED METAL DECK.EXT.PORCH
0442000 RAILINGS, EXTERIOR PORCHES
0442100 WROUGHT IRON EXT. PORCH RAILING
0442102 REPAIR WROUGHT IRON RAILING EXT.PORCH
0442103 REFIN.REPRED.WROUGHT IRON RAIL.EXT.PORCH
0442104 REFINISH WROUGHT IRON RAILING EXT.PORCH
0442105 REPLACE WROUGHT IRON RAILING EXT.PORCH
0442106 REFIN.REPLCD.WROUGHT IRON RAIL.EXT.PORCH
0442200 WOOD EXTERIOR PORCH RAILING
0442202 REPAIR WOOD RAILING EXTERIOR PORCH
0442203 REFINISH REPAIRED WOOD RAILING EXT.PORCH
0442204 REFINISH WOOD RAILING EXTERIOR PORCH
0442205 REPLACE WOOD RAILING EXTERIOR PORCH
0442206 REFINISH REPLACED WOOD RAILING EXT.PORCH
0442300 STEEL (METAL) PAINTED RAILING EXT.PORCH
0442302 REPAIR STEEL(METAL)PNT.RAILING EXT.PORCH
0442303 REFIN.REPRD.STEEL(METAL)PNT.RAIL.EXT.PCH
0442304 REFINISH STEEL (METAL)PNT.RAIL.EXT.PORCH
0442305 REPLACE STEEL(METAL)PNT.RAIL. EXT.PORCH
0442306 REFN.RPCD.STEEL(METAL)PNT.RAIL.EXT.PORCH
0442400 STEEL (METAL)UNPAINTED RAILING EXT.PORCH
0442402 REPAIR STEEL (METAL)UNPNT.RAIL.EXT.PORCH
0442405 REPLACE STEEL(METAL)UNPNT.RAIL.EXT.PORCH
0443000 SUPPORT MEMBERS
0443100 CONCRETE EXTERIOR PORCH SUPPORTS
0443102 REPAIR CONCRETE SUPPORTS EXTERIOR PORCH
0443103 REFINISH REPAIRED CONCR.SUPPT.EXT.PORCH
0443104 REFINISH CONCRETE SUPPORTS EXT.PORCH
0443105 REPLACE CONCRETE SUPPORTS EXTERIOR PORCH
0443106 REFINISH REPLACED CONCR. SUPPT.EXT.PORCH
0443200 WOOD EXTERIOR PORCH SUPPORTS
0443202 REPAIR WOOD SUPPORTS EXTERIOR PORCH
0443203 REFINISH REPAIRED WOOD SUPPORT EXT.PORCH
0443204 REFINISH WOOD SUPPORTS EXTERIOR PORCH
0443205 REPLACE WOOD SUPPORTS EXTERIOR PORCH
0443206 REFINISH REPLACED WOOD SUPPT.EXT.PORCH
0443300 CLAY BRICK EXTERIOR PORCH SUPPORTS
0443302 REPAIR CLAY BRICK SUPPORTS EXT. PORCH
0443303 REFIN.REPRED.CLAY BRICK SUPPT.EXT.PORCH
0443304 REFINISH CLAY BRICK SUPPORTS EXT.PORCH
0443305 REPLACE CLAY BRICK SUPPORTS EXTER.PORCH
0443306 REFIN. REPLCD.CLAY BRICK SUPPT.EXT.PORCH
0443400 STEEL (METAL) EXTER. PORCH-DECK SUPPORTS
0443402 REPAIR STEEL(METAL)EXT. PORCH-DECK SUPPT
0443403 REFIN.RPRD.STEEL(METAL)EXT.PORCH SUPPORT
0443404 REFINISH STEEL(METAL) EXT. PORCH SUPPORT

CACES DESCRIPTION

0443405 REPLACE STEEL(METAL)EXT. PORCH SUPPORTS
0443406 RFIN.RPLCD.STEEL(METAL)EXT.PORCH SUPPORT
0444000 COLUMNS
0444100 METAL EXTERIOR PORCH COLUMNS
0444102 REPAIR METAL COLUMN EXTERIOR PORCH
0444103 REFINISH REPAIRED METAL COLUMN EXT.PORCH
0444104 REFINISH METAL COLUMN EXTERIOR PORCH
0444105 REPLACE METAL COLUMN EXTERIOR PORCH
0444106 REFINISH REPLACED METAL COLUMN EXT.PORCH
0444200 WOOD EXTERIOR PORCH COLUMNS
0444202 REPAIR WOOD COLUMNS EXTERIOR PORCH
0444203 REFINISH REPAIRED WOOD COLUMN EXT.PORCH
0444204 REFINISH WOOD COLUMN EXTERIOR PORCH
0444205 REPLACE WOOD COLUMN EXTERIOR PORCH
0444206 REFINISH REPLACED WOOD COLUMN EXT.PORCH
0444300 CLAY BRICK EXTERIOR PORCH COLUMNS
0444302 REPAIR CLAY BRICK COLUMN EXTERIOR PORCH
0444303 REFIN.REPRED.CLAY BRICK COLUMN EXT.PORCH
0444304 REFINISH CLAY BRICK COLUMN EXTER.PORCH
0444305 REPLACE CLAY BRICK COLUMN EXTERIOR PORCH
0444306 REFIN.REPLCD.CLAY BRICK COLUMN EXT.PORCH

0450000 EXTERIOR ORNAMENT
0451000 CORNICES
0451100 STONE EXTERIOR CORNICE
0451102 REPAIR STONE CORNICE EXTERIOR ORNAMENT
0451105 REPLACE STONE CORNICE EXTERIOR ORNAMENT
0451200 WOOD EXTERIOR CORNICE
0451202 REPAIR WOOD CORNICE EXTERIOR ORNAMENT
0451203 REFINISH REPAIRED WOOD CORNICE EXT.ORNMT
0451204 REFINISH WOOD CORNICE EXTERIOR ORNAMENT
0451205 REPLACE WOOD CORNICE EXTERIOR ORNAMENT
0451206 REFINISH REPLACED WOOD CORNICE EXT.ORNMT

0460000 EXTERIOR STAIRS
0461000 EXTERIOR STAIR RAILINGS
0461100 WOOD EXTERIOR STAIR RAILING
0461102 REPAIR WOOD RAILINGS EXTERIOR STAIRS
0461103 REFINISH REPAIRED WOOD RAILING EXT.STAIR
0461104 REFINISH WOOD RAILING EXTERIOR STAIRS
0461105 REPLACE WOOD RAILINGS EXTERIOR STAIRS
0461106 REFINISH REPLACED WOOD RAILING EXT.STAIR
0461200 METAL EXTERIOR STAIR RAILING
0461202 REPAIR METAL RAILING EXTERIOR STAIR
0461203 REFINISH REPAIRED METAL RAILNG.EXT.STAIR
0461204 REFINISH METAL RAILING EXTERIOR STAIRS
0461205 REPLACE METAL RAILING EXTERIOR STAIRS
0461206 REFINISH REPLACED METAL RAILNG.EXT.STAIR
0461300 WROUGHT IRON EXTERIOR STAIR RAILING
0461302 REPAIR WROUGHT IRON EXT. STAIR RAILING
0461303 REFIN.REPRD.WROUGHT IRON EXT.STAIR RAIL.
0461304 REFINISH WROUGHT IRON EXT. STAIR RAILING
0461305 REPLACE WROUGHT IRON EXT. STAIR RAILING
0461306 REFN.RPLCD.WROUGHT IRON EXT.STAIR RAILG.
0461400 STEEL (METAL) UNPNTD.EXTER.STAIR RAILING
0461402 REPAIR STEEL(METAL)UNPND.EXT.STAIR RAIL.
0461405 REPLC.STEEL(METAL)UNPND.EXT.STAIR RAILG.

CACES DESCRIPTION

0462000 STEPS
0462100 CONCRETE EXTERIOR STEPS
0462102 REPAIR CONCRETE STEPS EXTERIOR STAIR
0462105 REPLACE CONCRETE STEPS EXTERIOR STAIRS
0462200 WOOD EXTERIOR STEPS
0462202 REPAIR WOOD STEPS EXTERIOR STAIR
0462203 REFINISH REPAIR WOOD STEPS EXTER.STAIR
0462204 REFINISH WOOD STAIRS EXTERIOR STAIRS
0462205 REPLACE WOOD STEPS EXTERIOR STAIRS
0462206 REFINISH REPLACE WOOD STEPS EXTER.STAIR
0462300 METAL EXTERIOR STEPS
0462302 REPAIR METAL STEPS EXTERIOR STAIR
0462303 REFINISH REPAIRED METAL STEPS EXT.STAIR
0462304 REFINISH METAL STEPS EXTERIOR STAIR
0462305 REPLACE METAL STEPS EXTERIOR STAIR
0462306 REFINISH REPLACED METAL STEPS EXT.STAIR
0462400 MASONRY EXTERIOR STEPS (UNPAINTED)
0462402 REPAIR MASONRY STEP UNPNAINTED EXT.STAIR
0462405 REPLACE MASONRY STEP UNPAINTED EXT.STAIR
0462500 MASONRY EXTERIOR STEPS (PAINTED)
0462502 REPAIR MASONRY STEP PAINTED EXT.STAIR
0462503 REFIN.REPRD.MASONRY STEP PNTD EXT.STAIR
0462504 REFINISH MASONRY STEPS PAINTED EXT.STAIR
0462505 REPLACE MASONRY STEPS PAINTED EXT.STAIR
0462506 REFIN.REPLCD.MASONRY STEP PNTD.EXT.STAIR
0462600 QUARRY TILE EXTERIOR STEPS
0462602 REPAIR QUARRY TILE STEPS EXTERIOR STAIR
0462605 REPLACE QUARRY TILE STEPS EXTERIOR STAIR

0470000 EXTERIOR HARDWARE
0471000 HINGE
0471100 BRASS EXTERIOR HINGE
0471105 REPLACE BRASS HINGE EXTERIOR HARDWARE
0472000 LOCKSET
0472100 BRASS EXTERIOR LOCKSET
0472105 REPLACE BRASS LOCKSET EXTERIOR HARDWARE
0473000 DOOR CLOSER
0473100 BRASS EXTERIOR DOOR CLOSER
0473105 REPLACE BRASS CLOSER EXTERIOR HARDWARE
0474000 DEAD BOLT
0474100 BRASS EXTERIOR DEAD BOLT
0474105 REPLACE BRASS DEADBOLT EXTERIOR HARDWARE
0475000 WEATHERSTRIPPING
0475100 BRASS EXTERIOR WEATHERSTRIPPING
0475105 REPLACE BRASS WEATHERSTRIPPING EXT.HRDWR
0476000 EXIT BOLT (PANIC BAR)
0476100 METAL EXIT BOLT
0476105 REPLACE METAL EXITBOLT EXTERIOR HARDWARE

0500000 INTERIOR CONSTRUCTION

0510000 INTERIOR PARTITIONS-FIXED
0511000 DRYWALL
0512000 MASONRY
0513000 CONCRETE

0520000 INTERIOR PARTITIONS-MOVABLE
0521000 MOVABLE METAL PARTITIONS

CACES DESCRIPTION

0521100 STEEL PARTITIONS
0521102 REPAIR STEEL INT. PARTITION
0521105 REPLACE STEEL INT. PARTITIONS
0522000 MOVABLE FABRIC PARTITIONS
0522100 FABRIC PARTITION
0522102 REPAIR FABRIC INT. PARTITIONS
0522105 REPLACE FABRIC INT. PARTITIONS

0530000 INTERIOR DOORS
0531000 METAL DOORS
0531100 STEEL PAINTED INTERIOR DOORS
0531110 STEEL PAINTED INTERIOR DOOR
0531112 REPAIR STEEL PAINTED INTERIOR DOOR
0531114 REFINISH STEEL PAINTED INTERIOR DOOR
0531115 REPLACE STEEL PAINTED INTERIOR DOOR
0531116 REFIN.REPLCD. STEEL PAINTED INTER. DOOR
0531120 STEEL (W/SAFETY GLASS) PANTD.INTER.DOORS
0531121 BRKN.GLS.RPLMT:STEEL(SAFETY)PNT.INT.DOOR
0531122 REPAIR STEEL (SAFETY GLS)PNT. INT. DOOR
0531124 REFINISH STEEL (SAFETY GLS) PNT.INT.DOOR
0531125 REPLACE STEEL (W/SAFETY GLS)PNT.INT.DOOR
0531126 REFIN.REPLCD.STEEL(SAFE GLS)PNT.INT.DOOR
0531130 STEEL SLIDING (PAINTED) INTERIOR DOORS
0531132 REPAIR STEEL SLIDING PNTD. INTER. DOOR
0531134 REFINISH STEEL SLIDING PNTD. INTER. DOOR
0531135 REPLACE STEEL SLIDING PAINT. INTER. DOOR
0531136 REFIN.REPLCD.STEEL SLIDING PNTD.INT.DOOR
0531140 STEEL (INSULATED) PAINTED INTERIOR DOOR
0531141 BRKN.GLS.RPLMT:STEEL(INSUL)PNTD.INT.DOOR
0531142 REPAIR STEEL (INSUL) PNTD. INTERIOR DOOR
0531144 REFINISH STEEL (INSUL CORE)PNTD.INT.DOOR
0531145 REPLACE STEEL (INSUL.CORE)PNTD.INT.DOOR
0531146 REFIN.REPLCD.STEEL(INSL.CORE)PNT.INT.DR.
0531200 STEEL UNPAINTED INTERIOR DOORS
0531210 STEEL UNPAINTED INTERIOR DOOR
0531212 REPAIR STEEL UNPAINTED INTERIOR DOOR
0531215 REPLACE STEEL UNPAINTED INTERIOR DOOR
0531220 STEEL (W/SAFETY GLASS) INTERIOR DOORS
0531221 BRK.GLS.RPLMT:STEEL(SAFETY)UNPT.INT.DOOR
0531222 REPAIR STEEL (SAFETY GLS)UNPT.INTER.DOOR
0531225 REPLACE STEEL(SAFETY GLS)UNPNT.INT.DOOR
0531230 STEEL SLIDING UNPAINTED INTERIOR DOORS
0531232 REPAIR STEEL SLIDING UNPNTD. INTER.DOOR
0531235 REPLACE STEEL SLIDING UNPNT.INTER.DOOR
0531240 STEEL(INSULATED CORE)UNPAINT.INTER.DOOR
0531241 BRK.GLS.RPLMT:STEEL(INSL.GLS)UNPT.INT.DR
0531242 REPAIR STEEL (INSUL.CORE)UNPNTD.INT.DOOR
0531245 REPLACE STEEL(INSUL.CORE)UNPT.INT DOOR
0531300 ALUMINUM (PLAIN & ANODIZED) INTER.DOOR
0531310 ALUMINUM (PLAIN & ANODIZED)INTERIOR DOOR
0531312 REPAIR ALUMINUM (P & ANDZ)INTERIOR DOOR
0531315 REPLACE ALUMINUM (P & ANDZ)INTERIOR DOOR
0531320 ALUMINUM(W/SAFETY GLASS)PLN.&ANZD.INT.DR
0531321 BRKN.GLS.RPLMT:ALUMIN.(SAFE.GLS)INT. DR.
0531322 REPAIR ALUMINUM(SAFETY GLS) INTER. DOOR
0531325 REPLACE ALUMIN.(SAFETY GLS)P&ANDZ.INT.DR

CACES DESCRIPTION

0531330 ALUMINUM SLIDING(PL.&ANZD.)INTER. DOOR
0531331 BRKN.GLS.RPLMT:ALUMIN.SLIDING INTER.DOOR
0531332 REPAIR ALUMINUM SLIDING INTERIOR DOOR
0531335 REPLACE ALUMINUM SLIDING INTERIOR DOOR
0531340 ALUMINUM (WOOD CORE) PLN.&ANZD. INT.DOOR
0531341 BRKN.GLS.RPLMT:ALUM.(WOOD CORE)INT. DOOR
0531342 REPAIR ALUMINUM (WOOD CORE)INTER. DOOR
0531345 REPLACE ALUMINUM (WOOD CORE) INTER. DOOR
0531350 ALUMINUM (INSULATED CORE) P&AD. INT.DOOR
0531351 BRKN.GLS.RPLMT:ALUMIN.(INSUL.CORE)INT.DR
0531352 REPAIR ALUMINUM (INSL.CORE)P&AN.INT.DOOR
0531355 REPLACE ALUMINUM(INSL.CORE)P&AN.INT.DOOR
0532000 FULLY GLAZED DOORS
0532100 ALUMINUM FRAME INTERIOR DOOR
0532110 ALUMINUM FRAME INTERIOR DOOR
0532111 BRKN.GLS.RPLMT:ALUM.FULL-GLASS INT.DOOR
0532112 REPAIR ALUM.FULL-GLASS FRM.INTER.DOOR
0532115 REPLACE ALUMIN. FULL-GLASS FRMD.INT.DOOR
0532120 ALUMINUM FRAME SLIDING INTERIOR DOOR
0532121 BRK.GLS.RPLMT:ALUM.FULL-GLS.SLIDE.INT.DR
0532122 REPAIR ALUMIN.FULL-GLS.SLIDING INT. DOOR
0532125 REPLACE ALUMIN.FULL-GLS.SLIDING INT.DOOR
0532200 WOOD FRAME (PAINTED) INTERIOR DOOR
0532210 WOOD FRAME PAINTED INTERIOR DOOR
0532211 BRK.GLS.RPLMT:WOOD FULL-GLS.FRM.INT.DOOR
0532212 REPAIR WOOD FULL-GLS.FRAMED INTER. DOOR
0532214 REFINISH WOOD FULL-GLS.FRM.INTER.DOOR
0532215 REPLACE WOOD FULL-GLS.FRAMED INTER. DOOR
0532216 REFIN.REPLCD.WOOD FULL-GLS.FRM.INT. DOOR
0532220 WOOD FRAME PAINTED SLIDING INTERIOR DOOR
0532221 BRK.GLS.RPLMT:WOOD FUL-GLS.SLID.INT.DOOR
0532222 REPAIR WOOD FULL-GLS.FRM.SLIDING.INT.DR.
0532224 REFINISH WOOD FULL-GLS.SLIDING INT. DOOR
0532225 REPLACE WOOD FULL-GLS.FRM SLIDING INT.DR
0532226 REFIN.REPLCD.WOOD FULL-GLS.SLIDE INT.DR.
0533000 WOOD DOORS
0533100 HOLLOW CORE INTERIOR DOOR
0533110 HOLLOW CORE(PAINTED)INTERIOR DOOR
0533112 REPAIR HOLLOW CORE PAINTED INTERIOR DOOR
0533114 REFINISH HOLLOW CORE PAINTED INTER. DOOR
0533115 REPLACE HOLLOW CORE PNTD.INTERIOR DOOR
0533116 REFIN.REPLCD.HOLLOW CORE WOOD INTER.DOOR
0533120 HOLLOW CORE(PAINTED)SLIDING INTER. DOOR
0533122 REPAIR HOLLOW CORE SLIDING PNT.INTER.DR.
0533124 REFINISH HOLLOW CORE SLIDING INTER. DOOR
0533125 REPLACE HOLLOW CORE SLIDING PNT.INT.DOOR
0533126 REFIN.REPLCD.HOLLOW CORE SLIDING INT.DR.
0533200 SOLID CORE INTERIOR DOOR
0533210 SOLID CORE (PAINTED) INTERIOR DOOR
0533212 REPAIR SOLID CORE WOOD PAINT. INT.DOOR
0533214 REFINISH SOLID CORE PAINT.INTERIOR DOOR
0533215 REPLACE SOLID CORE PAINT.INTERIOR DOOR
0533216 REFINI.REPLCD.SOLID CORE PAINT.INT. DOOR
0533220 SOLID CORE (PAINTED) SLIDING INTER. DOOR
0533222 REPAIR SOLID CORE SLIDING PNT.INT. DOOR

CACES DESCRIPTION

0533224 REFINISH SOLID CORE SLIDING PNT.INT.DOOR
0533225 REPLACE SOLID CORE SLIDING PNT.INT. DOOR
0533226 REFIN.REPLCD.SOLID CORE SLIDING INT.DOOR
0533230 SOLID CORE(W/SAFETY GLASS)(PNTD)INT.DOOR
0533231 BRKN.GLS.RPLMT:SOLID CORE(SAFETY)INT.DR.
0533232 REPAIR SOLID CORE (SAFETY)PAINT.INT.DOOR
0533234 REFINISH SOLID CORE(SAFETY)PAINT.INT.DR.
0533235 REPLACE SOLID CORE(SAFETY)PNT.INT. DOOR
0533236 REFIN.REPLCD.SOLID CORE(SAFETY)INT.DOOR
0534000 SPECIAL DOORS
0534100 BI-FOLD INTERIOR DOOR
0534110 PANELED DOOR
0534112 REPAIR PANELED (PAINTED) INTERIOR DOOR
0534113 REFINISH REPRD.PANELED INT.BI-FOLD DOOR
0534114 REFINISH PANELED (PAINTED) INTERIOR DOOR
0534115 REPLACE PANELED (PAINTED) INTERIOR DOORS
0534116 REFIN.REPLC.PANELED(PAINTED)INTER. DOOR
0534120 LOUVERED DOOR
0534122 REPAIR LOUVERED (PAINTED) INTERIOR DOORS
0534123 REFINISH REPRD.LOUVERED INT.BI-FOLD DOOR
0534124 REFINISH LOUVERED(PAINTED)INTERIOR DOOR
0534125 REPLACE LOUVERED (PAINTED) INTERIOR DOOR
0534126 REFIN.REPLC.LOVERED(PAINTED)INTER. DOOR
0534200 LOUVERED INTERIOR SPECIAL DOORS
0534210 ALUMINUM LOUVERED INTERIOR DOOR
0534212 REPAIR ALUMINUM LOUVERD INTERIOR DOOR
0534213 REFIN.REPRD.ALUMIN.LOUVERED INTER. DOOR
0534214 REFINISH ALUMINUM LOUVERED INTERIOR DOOR
0534215 REPLACE ALUMINUM LOUVERED INTERIOR DOOR
0534216 REFIN.REPLCD.ALUMIN.LOUVERED INTER.DOOR
0534220 STEEL LOUVERED INTERIOR DOOR
0534222 REPAIR STEEL LOUVER INTERIOR DOOR
0534223 REFIN.REPRD.STEEL LOUVER INTERIOR DOOR
0534224 REFINISH STEEL LOUVER INTERIOR DOOR
0534225 REPLACE STEEL LOUVERED INTERIOR DOOR
0534226 REFIN.REPLCD.STEEL LOUVER INTERIOR DOOR
0534230 WOOD LOUVERED INTERIOR DOORS
0534232 REPIAR WOOD LOUVER INTERIOR DOOR
0534233 REFIN.REPRD.WOOD LOUVER INTERIOR DOOR
0534234 REFINISH WOOD LOUVER INTERIOR DOOR
0534235 REPLACE WOOD LOUVER INTERIOR DOOR
0534236 REFIN.REPLCD.WOOD LOUVERED INTERIOR DOOR
0534300 SPECIAL SERVICE DOORS
0534310 STEEL VAULT DOOR
0534312 REPAIR STEEL VAULT INTERIOR DOOR
0534315 REPLACE STEEL VAULT INTERIOR DOOR
0534320 METAL WALK-IN INTERIOR COOLER DOOR
0534322 REPAIR METAL WALK-IN COOLER INTER. DOOR
0534325 REPLACE METAL WALK-IN COOLER INTER. DOOR
0534330 LEAD-LINED (WOOD) MEDICAL INTERIOR DOOR
0534332 REPAIR LEAD-LINED(WOOD)MEDICAL INT. DOOR
0534335 REPLACE LEAD-LINED (WOOD)MEDICAL INT.DR.
0534400 METAL MESH INTERIOR (METAL FABRIC) DOOR
0534410 METAL MESH PAINTED INTERIOR DOOR
0534412 REPAIR METAL MESH PAINTED INTERIOR DOOR

CACES DESCRIPTION

0534414 REFINISH METAL MESH PAINT.INTERIOR DOOR
0534415 REPLACE METAL MESH PAINTED INTERIOR DOOR
0534416 REFIN.REPLCD.METAL MESH PAINT.INT.DOOR
0534420 METAL MESH INTERIOR UNPAINTED DOOR
0534422 REPAIR METAL WIRE MESH UNPAINTED DOOR
0534425 REPLACE METAL MESH UNPNTD.INTERIOR DOOR
0535000 ROLL-UP INTERIOR DOORS
0535100 STEEL SINGLE ROLL-UP INTERIOR DOOR
0535102 REPAIR STEEL SINGLE ROLL-UP INTER. DOOR
0535104 REFINISH STEEL SINGLE ROLL-UP INTER.DOOR
0535105 REPLACE STEEL SINGLE ROLL-UP INTER.DOOR
0535106 REFIN.REPLCD.STEEL SINGLE ROLL-UP INT.DR
0535200 STEEL DOUBLE ROLL-UP INTERIOR DOOR
0535202 REPAIR STEEL DOUBLE ROLL-UP INT. DOOR
0535204 REFINISH STEEL DOUBLE ROLL-UP INT. DOOR
0535205 REPLACE STEEL DOUBLE ROLL-UP INT.DOOR
0535206 REFIN.REPRD. STEEL DOUBLE ROLL-UP INT.DR
0535300 ALUMINUM SINGLE ROLL-UP INTERIOR DOOR
0535302 REPAIR ALUMINUM SINGLE ROLL-UP INT.DOOR
0535304 REFIN. ALUMINUM SINGLE ROLL-UP INT.DOOR
0535305 REPLACE ALUMINUM SINGLE ROLL-UP DOOR
0535306 REFIN.REPLCD.ALUM. SNGL.ROLL-UP INT.DOOR
0535400 ALUMINUM DOUBLE ROLL-UP INTERIOR DOOR
0535402 REPAIR ALUMINUM DOUBLE ROLL-UP INT.DOOR
0535404 REFINISH ALUMINUM DOUBLE ROLL-UP INT.DR.
0535405 REPLACE ALUMINUM DBL.ROLL-UP INTER.DOOR
0535406 REFIN.REPLCD.ALUMIN.DBL.ROLL-UP INT.DOOR
0535500 WOOD SINGLE ROLL-UP INTERIOR DOOR
0535502 REPAIR WOOD SINGLE ROLL-UP INTERIOR DOOR
0535504 REFINISH WOOD SINGLE ROLL-UP INT.DOOR
0535505 REPLACE WOOD SINGLE ROLL-UP INT. DOOR
0535506 REFIN.REPLCD.WOOD SNGL ROLL-UP INT.DOOR
0535600 WOOD DOUBLE ROLL-UP INTERIOR DOOR
0535602 REPAIR WOOD DOUBLE ROLL-UP INTER. DOOR
0535604 REFINISH WOOD DOUBLE ROLL-UP INT. DOOR
0535605 REPLACE WOOD DOUBLE ROLL-UP INTER.DOOR
0535606 REFIN.REPLCD.WOOD DBL.ROLL-UP INT. DOOR

0540000 INTERIOR WINDOWS
0541000 INTERIOR WINDOWS

0550000 FIREPLACES
0551000 CHIMNEY
0551100 CLAY BRICK CHIMNEY, FIREPLACE
0551102 REPAIR CLAY BRICK CHIMNEY - FIREPLACES
0551105 REPLACE CLAY BRICK CHIMNEY - FIREPLACES
0551200 CONCRETE CHIMNEY, FIREPLACE
0551202 REPAIR CONCRETE BRICK CHIMNEY- FIREPLACE
0551205 REPLACE CONCRETE BRICK CHIMNEY-FIREPLACE
0551300 STONE CHIMNEY, FIREPLACE
0551302 REPAIR STONE CHIMNEY - FIREPLACES
0551305 REPLACE STONE CHIMNEY - FIREPLACES
0551400 METAL PIPE CHIMNEY, FIREPLACES
0551402 REPAIR METAL PIPE CHIMNEY - FIREPLACES
0551405 REPLACE METAL PIPE CHIMNEY - FIREPLACES
0552000 MANTEL
0552100 WOOD MANTEL

CACES DESCRIPTION

0552102 REPAIR WOOD MANTEL - FIREPLACES
0552103 REFINISH REPAIRED WOOD MANTEL-FIREPLACE
0552104 REFINISH WOOD MANTEL - FIREPLACE
0552105 REPLACE WOOD MANTEL - FIREPLACE
0552106 REFINISH REPLACED WOOD MANTEL-FIREPLACE
0552200 CONCRETE MANTEL
0552202 REPAIR CONCRETE MANTEL - FIREPLACE
0552205 REPLACE CONCRETE MANTEL - FIREPLACE
0552300 STONE MANTEL
0552302 REPAIR STONE MANTEL - FIREPLACE
0552305 REPLACE STONE MANTEL - FIREPLACE
0553000 FINISHES
0553100 CLAY BRICK FINISH, FIREPLACE
0553102 REPAIR BRICK VENEER - FIREPLACE
0553103 REFINISH REPAIRED BRICK VENEER-FIREPLACE
0553104 REFINISH BRICK VENEER - FIREPLACE
0553105 REPLACE CLAY BRICK - FIREPLACES
0553106 REFIN.REPLC.CLAY BRICK VENEER-FIREPLACE
0553200 CONCRETE BRICK FINISH, FIREPLACE
0553202 REPAIR CONCRETE BRICK VENEER - FIREPLACE
0553203 REFIN.REPRD.CONC.BRICK VENEER-FIREPLACE
0553204 REFINISH CONCRETE BRICK VENEER-FIREPLACE
0553205 REPLACE CONCRETE BRICK VENEER-FIREPLACE
0553206 REIFN.REPLCD.CONC.BRICK VENEER-FIREPLACE
0553300 PLASTER FINISH, FIREPLACE
0553302 REPAIR PLASTER SURFACE - FIREPLACE
0553303 REFIN.REPAIR PLASTER SURFACE-FIREPLACE
0553304 REFINISH PLASTER SURFACE - FIREPLACE
0553305 REPLACE PLASTER SURFACE - FIREPLACE
0553306 REFIN.REPLCD.PLASTER SURFACE FIREPLACE
0553400 WOOD FINISH, FIREPLACE
0553402 REPAIR WOOD SURFACE - FIREPLACE
0553403 REFINISH REPAIRED WOOD SURFACE-FIREPLACE
0553404 REFINISH WOOD SURFACE - FIREPLACE
0553405 REPLACE WOOD SURFACE - FIREPLACE
0553406 REFINISH REPLACED WOOD SURFACE-FIREPLACE
0554000 FIREBRICK
0554100 FIREBRICK, FIREPLACE
0554102 REPAIR FIREBRICK - FIREPLACE
0554105 REPLACE FIREBRICK - FIREPLACE
0555000 FLUES, ARCHITECTURAL
0555100 BAKED CLAY FLUE, ARCHITECTURAL
0555105 REPLACE BAKED CLAY FLUE, ARCHITECT. FRPL
0555200 METAL PIPE FLUE, ARCHITECTURAL
0555202 REAPIR METAL PIPE FLUE, ARCHITECT.FIRPLC
0555205 REPLACE METAL PIPE FLUE, ARCHIT. FIRPLC.

0560000 INTERIOR ORNAMENTS
0561000 INTERIOR TRIM
0561100 WOOD TRIMMING
0561102 REPAIR WOOD TRIM - INTERIOR ORNAMENT
0561103 REFIN.REPRED.WOOD TRIM-INTERIOR ORNAMENT
0561104 REFINISH WOOD TRIM - INTERIOR ORNAMENT
0561105 REPLACE WOOD TRIM - INTERIOR ORNAMENT
0561106 REFIN.REPLCD.WOOD TRIM-INTERIOR ORNAMENT
0561200 METAL TRIMMING

CACES DESCRIPTION

0561202 REPAIR METAL TRIM - INTERIOR ORNAMENT
0561203 REFINISH REPAIRED METAL TRIM-INTER.ORNMT
0561204 REFINISH METAL TRIM - INTERIOR ORNAMENT
0561205 REPLACE METAL TRIM - INTERIOR ORNAMENT
0561206 REFIN.REPLC.METAL TRIM-INTERIOR ORNAMENT
0561300 TERRAZZO TRIMMING
0561302 REPAIR TERRAZZO TRIM - INTERIOR ORNAMENT
0561305 REPLACE TERRAZZO TRIM-INTERIOR ORNAMENT
0561400 CERAMIC TRIMMING
0561402 REPAIR CERAMIC TRIM - INTERIOR ORNAMENT
0561405 REPLACE CERAMIC TRIM - INTERIOR ORNAMENT
0561600 RUBBER / VINYL TRIMMING
0561602 REPAIR RUBBER TRIM - INTERIOR ORNAMENT
0561605 REPLACE RUBBER TRIM - INTERIOR ORNAMENT

0570000 INTERIOR STAIRS
0571000 RAILINGS
0571100 WOOD INTERIOR RAILINGS
0571102 REPAIR WOOD RAILING - INTERIOR STAIRS
0571103 REFINISH REPAIRED WOOD RAILING INT.STAIR
0571104 REFINISH WOOD RAILING - INTERIOR STAIR
0571105 REPLACE WOOD RAILING - INTERIOR STAIR
0571106 REFIN.REPLC.WOOD RAILING INTERIOR STAIR
0571200 METAL INTERIOR RAILINGS
0571202 REPAIR METAL RAILING - INTERIOR STAIR
0571203 REFIN.REPAIRED METAL RAILING INTER.STAIR
0571204 REFINISH METAL RAILING - INTERIOR STAIR
0571205 REPLACE METAL RAILING - INTERIOR STAIR
0571206 REFIN.REPLACED METAL RAILING INTER.STAIR
0571300 WROUGHT IRON INTERIOR STAIR RAILINGS
0571302 REPAIR WROUGHT IRON INTER. STAIR RAILING
0571303 REFIN.REPRD.WROUGHT IRON INT.STAIR RAIL.
0571304 REFINISH WROUGHT IRON INT.STAIR RAILING
0571305 REPLACE WROUGHT IRON INT.STAIR RAILING
0571306 REFIN.RPLCD.WROUGHT IRON INT.STAIR RAIL.
0572000 INTERIOR STAIR STEPS
0572100 CONCRETE INTERIOR STEPS
0572102 REPAIR CONCRETE STEPS - INTERIOR STAIR
0572105 REPLACE CONCRETE STEPS - INTERIOR STAIR
0572200 WOOD INTERIOR STEPS
0572202 REPAIR WOOD STEPS -INTERIOR STAIR
0572203 REFIN.REPAIRED WOOD STEPS INTERIOR STAIR
0572204 REFINISH WOOD STEPS - INTERIOR STAIR
0572205 REPLACE WOOD STEPS - INTERIOR STAIR
0572206 REFIN.REPLACED WOOD STEPS INTERIOR STAIR
0572300 METAL INTERIOR STEPS
0572302 REPAIR METAL STEPS - INTERIOR STAIR
0572303 REFIN.REPARED.METAL STEPS INTERIOR STAIR
0572304 *REFINISH METAL STEPS - INTERIOR STAIR*
0572305 REPLACE METAL STEPS - INTERIOR STAIR
0572306 REFIN.REPLACD.METAL STEPS INTERIOR STAIR
0572400 MASONRY INTERIOR STEPS (UNPAINTED)
0572402 REPAIR MASONRY STEP UNPAINTED INT.STAIR
0572405 REPLACED MASONRY STEP UNPAINTD.INT.STAIR
0572500 MASONRY INTERIOR STEPS (PAINTED)
0572502 REPAIR MASONRY STEPS PAINTED INT.STAIR

CACES DESCRIPTION

0572503 REFIN.REPRED.MASONRY STEP PNTD.INT.STAIR
0572504 REFINISH MASONRY STEPS PAINTED INT.STAIR
0572505 REPLACE MASONRY STEPS PAINTED INT.STAIR
0572506 REFIN.REPLCD.MASONRY STEP PNTD INT.STAIR
0572600 CARPETED INTERIOR STEPS
0572602 REPAIR CARPETED STEPS INTERIOR STAIR
0572605 REPLACE CARPETED STEPS INTERIOR STAIR
0572700 RUBBER INTERIOR STEPS
0572702 MINOR REPAIRS TO RUBBER INT.STAIR STEPS
0572705 REPLACE RUBBER INTERIOR STAIR STEPS
0572800 TERRAZZO INTERIOR STEPS
0572802 MINOR REPAIRS TO TERAZZO INT.STAIR STEPS
0572805 REPLACE TERRAZZO INTER. STAIR STEPS

0580000 INTERIOR HARDWARE
0581000 HINGES
0581100 BRASS INTERIOR HINGES
0581105 REPLACE BRASS HINGE - INTERIOR HARDWARE
0582000 LOCKSET
0582100 BRASS INTERIOR LOCKSET
0582105 REPLACE BRASS LOCKSET -INTERIOR HARDWAPE
0583000 DOOR CLOSER
0583100 BRASS INTERIOR DOOR CLOSER
0583105 REPLACE BRASS CLOSER - INTERIOR HARDWARE
0584000 DEAD BOLT
0584100 BRASS INTERIOR DEADBOLT
0584105 REPLACE BRASS DEADBOLT-INTERIOR HARDWARE
0585000 WEATHERSTRIPPING
0585100 BRASS INTERIOR WEATHERSTRIPPING
0585105 REPLACE BRASS WEATHER STRIPPING-INT.HDWR
0586000 EXIT BOLT (PANIC BAR)
0586100 METAL INTERIOR EXIT BOLT (PANIC BAR)
0586105 REPLACE METAL EXITBOLT-INTERIOR HARDWARE

0600000 INTERIOR FINISHES

0610000 WALL FINISHES
0611000 GYPSUM & PLASTER PRODUCTS
0611100 PLASTER WALL FINISH
0611102 REPAIR PLASTER WALL FINISHES
0611103 REFINISH REPAIRED PLASTER WALL FINISH
0611104 REFINISH PLASTER WALL FINISH
0611105 REPLACE PLASTER WALL FINISH
0611106 REFINISH REPLACED PLASTER WALL FINISH
0611200 SHEETROCK (STIPPLED) WALL FIN.
0611202 REPAIR SHEETROCK (STIPPLED) WALL FINISH
0611203 REFIN.REPAIRED.SHEETROCK(STIPD)WALL FIN.
0611204 REFINISH SHEETROCK(STIPPLED)WALL FINISH
0611205 REPLACE SHEETROCK(STIPPLED)WALL FINISH
0611206 REFIN.REPLACD.SHEETROCK(STIPLD)WALL FIN.
0611300 SHEETROCK (UNSTIPPLED) WALL FIN.
0611302 REPAIR SHEETROCK(UNSTIPPLED)WALL FINISH
0611303 REFIN.REPAIR.SHEETROCK(UNSTPLD)WALL FIN.
0611304 REFINISH SHEETROCK(UNSTPLD)WALL FINISH
0611305 REPLACE SHEETROCK(UNSTPL)WALL FINISH
0611306 REFIN.REPLAC.SHEETROCK(UNSTPLD)WALL FIN.
0611400 STUCCO INTERIOR WALL FINISH

CACES DESCRIPTION

0611402 REPAIR STUCCO INTERIOR WALL FINISH
0611403 REFIN.REPRD.STUCCO INTERIOR WALL FINISH
0611404 REFINISH STUCCO INTERIOR WALL FINISH
0611405 REPLACE STUCCO INTERIOR WALL FINISH
0611406 REFIN.REPLCD.STUCCO INTERIOR WALL FINISH
0612000 MASONRY & TILE PRODUCTS
0612100 CLAY BLOCK WALL FINISH
0612102 REPAIR CLAY BLOCK WALL FINISH
0612105 REPLACE CLAY BLOCK WALL FINISH
0612200 CLAY BLOCK (PAINTED WALL FINISH
0612202 REPAIR CLAY BLOCK (PAINTED) WALL FINISH
0612203 REFIN.REPAIR.CLAY BLOCK(PAINTD)WALL FIN.
0612204 REFINISH CLAY BLOCK (PAINTED)WALL FINISH
0612205 REPLACE CLAY BLOCK (PAINTED) WALL FINISH
0612206 REFIN.REPLACED CLAY BLOCK(PNTD)WALL FIN.
0612300 CONCRETE BLOCK WALL FINISH
0612302 REPAIR CONCRETE BLOCK WALL FINISH
0612305 REPLACE CONCRETE BLOCK WALL FINISH
0612400 CONCRETE BLOCK (PAINTED) WALL FINISH
0612402 REPAIR CONCRETE BLOCK(PAINTED)WALL FIN.
0612403 REFIN.REPAIRED.CONC.BLOCK(PNTD)WALL FIN.
0612404 REFINISH CONCRETE BLOCK(PAINTD)WALL FIN.
0612405 REPLACE CONCRETE BLOCK(PAINTED)WALL FIN.
0612406 REFIN.REPLACED CONC.BLOCK(PNTD)WALL FIN.
0612500 CLAY BRICK WALL FINISH
0612502 REPAIR CLAY BRICK WALL FINISH
0612505 REPLACE CLAY BRICK WALL FINISHS
0612600 CONCRETE BRICK WALL FINISH
0612602 REPAIR CONCRETE BRICK WALL FINISH
0612605 REPLACE CONCRETE BRICK WALL FINISH
0612700 FIREBRICK WALL
0612702 REPAIR FIREBRICK WALL FINISH
0612705 REPLACE FIREBRICK WALL FINISH
0612800 CERAMIC TILE WALL FIN.
0612802 REPAIR TILE WALL FINISH
0612805 REPLACE TILE WALL FINISHS
0612900 MASONITE INTERIOR WALL FINISH
0612902 REPAIR MASONITE INTERIOR WALL FINISH
0612903 REFIN.REPRD.MASONITE INTERIOR WALL FIN.
0612904 REFINISH MASONITE INTERIOR WALL FINISH
0612905 REPLACE MASONITE INTERIOR WALL FINISH
0612906 REFIN.REPLCD.MASONITE INTERIOR WALL FIN.
0612A00 GLAZED CONCR.MASON.UNIT INTER.WALL FIN.
0612A02 REPAIR GLAZED CMU. INTERIOR WALL FINISH
0612A05 REPLACE GLAZED CMU. INTERIOR WALL FINISH
0613000 LIQUID FINISHES
0614000 PAPER, PLASTIC & FABRIC
0614100 FORMICA INTERIOR WALL FIN.
0614102 REPAIR FORMICA WALL FINISH
0614105 REPLACE FORMICA WALL FINISH
0614200 NYLON INTERIOR WALL FIN.
0614202 REPAIR NYLON WALL FINISH
0614205 REPLACE NYLON WALL FINISH
0614300 POLYESTER INTERIOR WALL FIN.
0614302 REPAIR POLYESTER WALL FINISH

CACES DESCRIPTION

0614305 REPLACE POLYESTER WALL FINISH
0614400 VINAL INTERIOR WALL FIN.
0614402 REPAIR VINYL WALL FINISH
0614405 REPLACE VINYL WALL FINISH
0614500 WALLPAPER INTERIOR WALL FIN.
0614502 REPAIR WALLPAPER WALL FINISH
0614505 REPLACE WALLPAPER WALL FINISH
0614700 FABRIC INTERIOR WALL FINISH
0614702 REPAIR FABRIC INTERIOR WALL FINISH
0614705 REPLACE FABRIC INTERIOR WALL FINISH
0614800 CARPETED INTERIOR WALL FINISH
0614802 REPAIR CARPETED INTERIOR WALL FINISH
0614805 REPLACE CARPETED INTERIOR WALL FINISH
0615000 WOOD INTERIOR WALL FINISH
0615100 PLYWOOD (PAINTED/STAINED) INT. WALL
0615102 REPAIR PLYWOOD(PAINTED)WALL FINISH
0615103 REFIN.REPAIRED PLYWOOD(PAINTED)WALL FIN.
0615104 REFINISH PLYWOOD(PAINTED)WALL FINISH
0615105 REPLACE PLYWOOD(PAINTED)WALL FINISH
0615106 REFIN.REPLACED PLYWOOD(PAINTED)WALL FIN.
0615200 PLYWOOD (UNPNTED/UNSTAINED) INT. WALL
0615202 REPAIR PLYWOOD(UNFINISHED)WALL FINISH
0615205 REPLACE PLYWOOD(UNFINISHED)WALL FINISH
0615300 TIMBER (FINISHED) INTERIOR WALL
0615302 REPAIR TIMBER(FINISHED)WALL FINISH
0615303 REFIN.REPAIRED TIMBER(FINISHED)WALL FIN.
0615304 REFINISH TIMBER(FINISHED)WALL FINISH
0615305 REPLACE TIMBER (FINISHED) WALL FINISH
0615306 REFIN.REPLACED TIMBER(FINISHED)WALL FIN.
0615400 TIMBER (UNFINSHED) INTERIOR WALL
0615402 REPAIR TIMBER (UNFINISHED) WALL FINISH
0615405 REPLACE TIMBER(UNFINISHED)WALL FINISH
0615500 PANEL (SOLID) INTERIOR WALL
0615502 REPAIR PANEL (SOLID) WALL FINISH
0615503 REFINISH REPAIRED PANEL(SOLID)WALL FIN
0615504 REFINISH PANEL(SOLID)WALL FINISH
0615505 REPLACE PANEL(SOLID)WALL FINISH
0615506 REFINISH REPLACED PANEL(SOLID)WALL FIN.
0615600 PANEL (LAMINATED) INTERIOR WALL
0615602 REPAIR PANEL(LAMINATED)WALL FINISH
0615603 REFIN.REPAIRED PANEL(LAMINATED)WALL FIN.
0615604 REFINISH PANEL(LAMINATED)WALL FINISH
0615605 REPLACE PANEL (LAMINATED) WALL FINISH
0615606 REFIN.REPLACED PANEL(LAMINATED)WALL FIN.
0615700 BOARD (FINISHED) INTER. WALL
0615702 REPAIR BOARD (FINISHED) WALL FINISH
0615703 REFIN.REPAIRED BOARD(FINISHED)WALL FIN.
0615704 REFINISH BOARD (FINISHED) WALL FINISH
0615705 REPLACE BOARD (FINISHED) WALL FINISH
0615706 REFIN.REPLACED BOARD(FINISHED)WALL FIN.
0615800 BOARD (UNFINISHED) INTER. WALL
0615802 REPAIR BOARD (UNFINISHED) WALL FINISH
0615805 REPLACE BOARD(UNFINISHED)WALL FINISH
0615900 WAINSCOT INTERIOR WALL
0615902 REPAIR WAINSCOT WALL FINISH

CACES DESCRIPTION

0615903 REFINISH REPAIRED WAINSCOT WALL FINISH
0615904 REFINISH WAINSCOT WALL FINISH
0615905 REPLACE WAINSCOT WALL FINISH
0615906 REFINISH REPLACED WAINSCOT WALL FINISH
0616000 METAL INTERIOR WALL FINISH
0616100 ALUMINUM INTERIOR WALL
0616105 REPLACE ALUMINUM WALL FINISH
0616200 STEEL INTERIOR FINISH (UNPAINTED)
0616202 REPAIR STEEL INT.FINISH(UNPNTD)WALL FIN.
0616205 REPLACE STEEL INT.FINISH(UNPNT)WALL FIN.
0616300 STEEL INTERIOR FINISH (PAINTED)
0616302 REPAIR STEEL INT.FINISH(PNTD)WALL FINISH
0616303 REFIN.REPRD.STEEL INT.FIN(PNTD)WALL FIN.
0616304 REFINISH STEEL INT.FINISH(PNTD)WALL FIN.
0616305 REPLACE STEEL INT.FINISH(PNTD)WALL FIN.
0616306 REFN.REPLCD.STEEL INT.FIN(PNTD)WALL FIN.
0616400 WIRE MESH WALL
0616402 REPAIR WIRE MESH WALL FINISH
0616403 REFINISH REPAIRED WIRE MESH WALL FINISH
0616404 REFINISH WIRE MESH WALL FINISH
0616405 REPLACE WIRE MESH WALL FINISH
0616406 REFINISH REPLACED WIRE MESH WALL FINISH
0616500 LEAD-LINED INTERIOR WALL
0616505 REPLACE LEAD-LINED INTERIOR WALL
0617000 GLASS
0617100 GLASS BLOCK INTERIOR WALL
0617102 REPAIR GLASS BLOCK WALL FINISH
0617105 REPLACE GLASS BLOCK WALL FINISH
0617200 PLATE GLASS INTERIOR WALL
0617202 REPAIR PLATE GLASS WALL FINISH
0617205 REPLACE PLATE GLASS WALL FINISH
0618000 FINISH PACKAGES
0619000 SPECIAL SURFACES
0619100 STONE INTERIOR WALL
0619102 REPAIR STONE WALL FINISH
0619105 REPLACE STONE WALL FINISH
0619200 ACOUSTICAL INTERIOR WALL TILE
0619202 REPAIR ACOUSTICAL TILE WALL FINISH
0619203 REFIN.REPAIRED ACOUSTICAL TILE WALL FIN.
0619204 REFINISH ACOUSTICAL TILE WALL FINISH
0619205 REPLACE ACOUSTICAL TILE WALL FINISH
0619206 REFIN.REPLACED ACOUSTICAL TILE WALL FIN.
0619300 CORK INTERIOR WALL TILE
0619302 REPAIR CORK TILE WALL FINISH
0619305 REPLACE CORK TILE WALL FINISH
0619400 ASBESTOS-ACOUSTICAL FIRE RATED TILE FIN.
0619402 REPAIR ASBESTOS-ACOUSTICAL FIRE RTD.TILE
0619403 REFIN.REPRD.ASBESTOS-ACOUST.RTD TILE FN.
0619404 REFINISH ASBESTOS-ACOUST.RTD.TILE FIN.
0619405 REPLACE ASBESTOS-ACOUST.RATED TILE FIN.
0619406 REFIN.REPLCD.ASBESTOS-ACOUST.RTD.TILE FN
0619500 FIBERGLASS PANEL INTERIOR WALL FINISH
0619502 REPAIR FIBERGLASS PANELS INTER.WALL FIN.
0619503 REFIN.REPRD.FIBRGLASS PANELS INT.WALL FN
0619504 REFINISH FIBERGLAS PANEL INTER.WALL FIN.

CACES DESCRIPTION

0619505 REPLACE FIBERGLASS PANEL INT.WALL FINISH
0619506 REFIN.REPLCD.FIBERGLS PNL INT.WALL FINS.
061A000 CONCRETE
061A100 CONCRETE, UNFINISHED INTERIOR WALL
061A102 REPAIR UNFINISHED CONCRETE WALL FINISH
061A105 REPLACE UNFINISHED CONCRETE WALL FINISH
061A200 CONCRETE, FINISHED INTERIOR WALL
061A202 REPAIR FINISHED CONCRETE WALL FINISH
061A204 REFINISH FINISHED CONCRETE WALL FINISH
061A205 REPLACE FINISHED CONCRETE WALL FINISH

0620000 FLOORING & FLOOR FINISHES
0621000 GYPSUM AND PLASTER PRODUCTS
0622000 MASONRY & TILE PRODUCTS
0622100 CERAMIC TILE FLOORING
0622101 MINOR REPAIRS TO CERAMIC TILE FLOOR
0622102 REPLACE CERAMIC TILE FLOOR
0622200 QUARRY TILE FLOORING
0622201 MINOR REPAIRS TO QUARRY TILE FLOOR
0622202 REPLACE QUARRY TILE FLOOR
0622300 BRICK FLOORING
0622301 MINOR REPAIRS TO BRICK FLOOR
0622302 REPLACE BRICK FLOORING
0622400 MARBLE FLOORING
0622401 MINOR REPAIRS TO MARBLE FLOOR
0622402 REPLACE MARBLE FLOOR
0623000 LIQUID FINISHES
0624000 PAPER, PLASTIC & FABRIC
0625000 WOOD FLOORING FINISHES
0625100 WOOD PARTQUETRY FLOORING
0625101 MINOR REPAIRS TO WOOD PARQUETRY FLOOR
0625102 SAND AND REFINISH PARQUETRY FLOOR
0625103 REPLACE WOOD PARQUETRY FLOOR
0625200 MAPLE FLOOR
0625201 MINOR REPAIRS TO MAPLE FLOOR
0625202 SAND AND REFINISH MAPLE FLOOR
0625203 REPLACE MAPLE FLOOR
0625300 PLYWOOD FLOOR
0625301 MINOR REPAIRS TO PLYWOOD FLOOR
0625302 REPLACE PLYWOOD FLOOR
0626000 METAL FLOOR FINISHES
0626100 STEEL FLOORING
0626101 MINOR REPAIRS TO STEEL FLOOR
0626102 REPLACE STEEL DECK FLOORING
0626200 METAL GRATING
0626201 MINOR REPAIRS TO METAL FLOOR GRATING
0626202 REPLACE METAL FLOOR GRATING
0627000 GLASS
0628000 FINISH PACKAGES
0629000 SPECIAL SURFACES
0629100 CARPET, FLOOR
0629101 MINOR REPAIRS TO CARPET
0629102 REPLACE CARPET
0629200 CORK TILE FLOORING
0629201 MINOR REPAIR TO CORK TILE FLOORING
0629202 REPLACE CORK TILE FLOORING

CACES DESCRIPTION

062A000 SYNTHETIC FLOORING FINISHES
062A100 LINOLEUM FLOORING
062A101 MINOR REPAIRS TO LINOLEUM FLOOR
062A102 REPLACE LINOLEUM FLOOR
062A200 VINYL ASBESTOS TILE FLOORING
062A201 MINOR REPAIRS TO VINYL ASB.TILE FLOORING
062A202 REPLACE VINYL ASBESTOS TILE FLOORING
062A300 RUBBER TILE FLOORING
062A301 MINOR REPAIRS TO RUBBER TILE FLOOR
062A302 REPLACE RUBBER TILE FLOORING
062A400 VINYL SHEET FLOORING
062A401 MINOR REPAIR VINYL SHEET FLOORING
062A402 REPLACE VINYL SHEET FLOORING
062B000 CONCRETE FLOORING FINISHES
062B100 CONCRETE, UNFINSHED FLOORING
062B101 MINOR REPAIRS TO CONCRETE FLOOR
062B102 REPLACE UNFINISHED CONCRETE FLOOR
062B200 CONCRETE, FINISHED FLOORING
062B201 MINOR REPAIRS TO FINISHED CONCRETE FLOOR
062B202 REFINISH CONCRETE FLOOR
062B203 REPLACE FINISHED CONCRETE FLOOR
062C000 TERRAZZO FLOORING
062C001 MINOR REPAIRS TO TERRAZZO FLOOR
062C002 REPLACE TERRAZZO FLOOR
062D000 BITUMINOUS FLOORING FINISHES
062D100 BITUMINOUS FLOORING
062D101 MINOR REPAIR TO BITUMINOUS FLOORING
062D102 REPLACE BITUMINOUS FLOORING

0630000 CEILINGS & CEILING FINISHES
0631000 GYPSUM AND PLASTER PRODUCTS
0631100 PLASTER CEILING
0631102 REPAIR PLASTER CEILING FINISH
0631103 REFINISH REPAIRED PLASTER CEILING FINISH
0631104 REFINISH PLASTER CEILING FINISH
0631105 REPLACE PLASTER CEILING FINISH
0631106 REFINISH REPLACED PLASTER CEILING FINISH
0631200 SHEETROCK (STIPPLED) CEILING
0631202 REPAIR SHEETROCK(STIPPLED)CEILING FINISH
0631203 REFIN.REPAIRED SHEETROCK(STIPLD)CLG.FIN.
0631204 REFINISH SHEETROCK(STIPPLED)CEILING FIN.
0631205 REPLACE SHEETROCK(STIPPLED)CEILING FIN.
0631206 REFIN.REPLACED SHEETROCK(STPLD)CLG.FIN.
0631300 SHEETROCK (UNSTIPPLED) CEILING
0631302 REPAIR SHEETROCK(UNSTIPPLED)CEILING FIN.
0631303 REFIN.REPRD.SHEETROCK(UNSTPLD)CEILG.FIN.
0631304 REFINISH SHEETROCK(UNSTIPPLED)CEILG.FIN.
0631305 REPLACE SHEETROCK(UNSTIPPLD)CEILING FIN.
0631306 REFIN.REPLCD.SHEETROCK(UNSTPLD)CLG.FIN.
0631400 STUCCO INTERIOR CEILING FINISH
0631402 REPAIR STUCCO INTERIOR CEILING FINISH
0631403 REFIN.REPRD. STUCCO INTERIOR CEILING FN.
0631404 REFINISH STUCCO INTERIOR CEILING FINISH
0631405 REPLACE STUCCO INTERIOR CEILING FINISH
0631406 REFIN.REPLCD.STUCCO INTER.CEILING FINISH
0632000 MASONRY & TILE PRODUCTS

CACES DESCRIPTION

0632100 ACOUSTICAL TILE CEILING
0632102 REPAIR ACOUSTIC TILE CEILING FINISH
0632105 REPLACE ACOUSTIC TILE CEILING FINISH
0632200 ACOUSTICAL TILE (DROPPED) CEILING
0632202 REPAIR ACOUSTIC TILE(DROPPD)CEILING FIN.
0632205 REPLACE ACOUSTIC TILE(DROPPED)CEILG.FIN.
0632300 CERAMIC PAN CEILING
0632302 REPAIR CERAMIC (PAN) CEILING FINISH
0632305 REPLACE CERAMIC (PAN) CEILING FINISH
0632400 CERAMIC TILE CEILING
0632402 REPAIR CERAMIC (TILE) CEILING FINISH
0632405 REPLACE CERAMIC (TILE) CEILING FINISH
0633000 LIQUID FINISHES
0634000 PAPER, PLASTIC & FABRIC
0634100 PAPER CEILING
0634102 REPAIR PAPER CEILING FINISH
0634105 REPLACE PAPER CEILING FINISH
0634200 PLASTIC CEILING
0634202 REPAIR PLASTIC CEILING FINISH
0634205 REPLACE PLASTIC CEILING FINISH
0634300 FABRIC CEILING
0634302 REPAIR FABRIC CEILING FINISH
0634305 REPLACE FABRIC CEILING FINISH
0634400 FORMICA CEILING FINISH
0634402 REPAIR FORMICA INT.CEILING FINISH
0634405 REPLACE FORMICA CEILING FINISH
0635000 WOOD
0635100 WOOD FINISHED CEILING
0635102 REPAIR WOOD (FINISHED) CEILING FINISH
0635103 REFIN.REPAIRD.WOOD(FINISHED)CEILING FIN.
0635104 REFINISH WOOD(FINISHED)CEILING FINISH
0635105 REPLACE WOOD(FINISHED)CEILING FINISH
0635106 REFIN.REPLCED.WOOD(FINISHED)CEILING FIN.
0635200 WOOD UNFINSHED CEILING
0635202 REPAIR WOOD (UNFIWISHED) CEILING FINISH
0635205 REPLACE WOOD(UNFINISHED)CEILING FINISH
0636000 METAL CEILING FINISHES
0636100 METAL CEILING (PAINTED)
0636102 REPAIR ALUMINIUM PANEL CEILING FINISH
0636103 REFIN.REPRD.ALUMINIUM PANEL CEILING FIN.
0636104 REFINISH ALUMINIUM PANEL CEILING FINISH
0636105 REPLACE ALUMINIUM PANEL CEILING FINISH
0636106 REFIN.REPLCD.ALUMINIUM PANEL CEILG. FIN.
0636200 METAL UNPAINTED INT. CEILING FINISH
0636202 REPAIR METAL UNPAINTED CEILING FINISH
0636205 REPLACE METAL INT. CEILING FINISH
0637000 GLASS
0637100 PLATE GLASS (MOUNTED) CEILING
0637102 REPAIR PLATE GLASS (MOUNTED)CEILING FIN.
0637105 REPLACE PLATE GLASS(MOUNTED)CEILING FIN.
0637200 PLATE GLASS (SUSPENDED) CEILING FINISH
0637202 REPAIR PLATE GLASS(SUSPND)CEILING FINISH
0637205 REPLACE PLATE GLASS(SUSPND)CEILING FIN.
0637300 GLASS SKYLIGHTS
0637310 SINGLE GLASS SKYLIGHT UNITS

CACES DESCRIPTION

0637312 REPAIR SINGLE GLASS SKYLIGHT UNIT
0637315 REPLACE SINGLE GLASS SKYLIGHT UNIT
0637320 SKYLIGHT INTEGRATED W/STRUCTURE
0637322 REPAIR SKYLIGHT INTEGRATED W/STRUCTURE
0637325 REPLACE SKYLIGHT INTEGRATED W/STRUCTURE
0638000 FINISH PACKAGES
0639000 SPECIAL SURFACES
0639100 ACOUSTICAL TILE-SPECIAL PURPOSE
0639102 REPAIR SPECL.PURP.ACOUSTIC.TILE CLG.FIN.
0639105 REPLACE SPEC.PURP.ACOUSTIC.TILE CLG.FIN.
0639200 ACOUSTICAL TILE-TIME DESIGN RATED
0639202 REPAIR ACOUSTIC(FIRE RATED)TILE CLG.FIN.
0639205 REPLACE ACOUSTIC(FIRE RATE)TILE CLG.FIN.
0639300 ASBESTOS-ACOUSTICAL FIRE RATED TILE FIN.
0639302 REPAIR ASBETOS-ACOUST.FIRE RTD.TILE FIN.
0639303 REFIN.REPRD.ASBESTOS-ACOUST.RTD.TILE FIN
0639304 REFINISH ASBESTOS-ACOUST.RTD.TILE FIN.
0639305 REPLC.ASBESTOS-ACOUST.FIRE RTD.TILE FIN.
0639306 RFIN.RPLCD.ASBESTOS-ACOUST.RTD.TILE FIN.
0639400 FIBERGLASS PANEL CEILING FINISH
0639402 REPAIR FIBERGLASS PANEL CEILING FINISH
0639403 REFIN.REPRD.FIBERGLASS CEILING FINISH
0639404 REFINISH FIBERGLASS PANEL CEILING FINISH
0639405 REPLACE FIBERGLASS PANEL CEILING FINISH
0639406 REFIN.REPLCD.FIBERGLS.PANEL CEILING FIN.
063A000 CONCRETE CEILING FINISHES
063A100 CONCRETE, UNFINSHED CEILING
063A102 REPAIR (UNFINISHED)CONCRETE CEILING FIN.
063A105 REPLACE(UNFINISHED)CONCRETE CEILING FIN.
063A200 CONCRETE, FINISHED CEILING
063A202 REPAIR (FINISHED) CONCRETE CEILIING FIN.
063A204 REFINISH (FINISHED)CONCRETE CEILING FIN.
063A205 REPLACE (FINISHED) CONCRETE CEILING FIN.

0800000 PLUMBING

0810000 SANITARY SYSTEM
0811000 FIXTURES
0811100 TANKLESS WATER CLOSET
0811101 REPLACE FLUSH VALVE-TANKLESS WATER CLOST
0811102 UNPLUG CLOGGED LINE-TANKLESS WATER CLOST
0811103 REPLACE TNAKLESS WATER CLOSET
0811200 FLUSH TANK WATER CLOSET
0811201 UNPLUG CLOGGED LINE-FLUSH TANK WTR CLOST
0811202 REPL WASHER IN BALL COCK-FLH TANK WTR CL
0811203 REPL WORN PARTS IN FLUSH TANK WATER CLOS
0811204 INSTLL GASKET IN SPUD CONNECT-FLH TK WTR
0811205 REPLACE FLUSH TANK WATER CLOSET
0811300 URINAL
0811301 REPLACE FEESH VALVE - URINAL
0811302 UNPLUG LINE - URINAL
0811303 REPLACE URINAL
0811400 LAVATORY, IRON, ENAMEL
0811401 REPL WASHER IN SPUD CONNECT-LAV IRON EML
0811402 REPLACE WASHER IN FAUCET-IRON, ENAMEL L
0811403 REPLACE SUPPORT RODS-IRON, ENAMEL L

CACES	DESCRIPTION
0811404	REPLACE FAUCETS - IRON, ENAMEL LAVATORY
0811405	CLEAN OUT STRAINER AND P TRAP-IRON,ENAML
0811406	REPLACE LAVATORY - IRON, ENAMEL
0811500	LAVATORY, VITREOUS CHINA
0811501	REPLACE WASHER IN SPUD CONNECTION-VIT CH
0811502	REPLACE WASHER IN FAUCET-VITR CHINA L
0811503	REPLACE SUPPORT RODS-VITREOUS CHINA L
0811504	REPLACE FAUCETS-VITREOUS CHINA LAVATORY
0811505	CLEAN OUT STRAINER AND P TRAP-VITR CHINA
0811506	REPLACE LAVATORY - VITREOUS CHINA
0811600	LAVATORY, ENAMELED STEEL
0811601	REPLACE WASHER IN SPUD CONNECTION-EN ST
0811602	REPLACE WASHER IN FAUCET-ENAMELED STEEL
0811603	REPLACE SUPPORT RODS-ENAMELED STEEL L
0811604	REPLACE FAUCETS-ENAMELED STEEL LAVATORY
0811605	CLEAN OUT STRAINER AND P TRAP-EN ST LA
0811606	REPLACE LAVATORY - ENAMELED STEEL
0811700	BATH TUB, CAST IRON
0811701	INSP/CLEAN SHOWER HEAD-BATH TUB,CAST IRN
0811702	REPLACE FAUCET WASHER-BATH TUB,CAST IRON
0811703	REPLACE FAUCETS-BATH TUB, CAST IRON
0811704	RESEAL BATH TUB, CAST IRON
0811705	REPAIR DIVERTER VALVE-BATH TUB, CAST ION
0811706	UNSTOP-BATH TUB, CAST IRON
0811707	REPLACE TUB-BATH TUB, CAST IRON
0811800	BATH TUB, ENAMELED STEEL
0811801	INSPECT/CLEAN SHOWER HEAD-ENAMEL STL TUB
0811802	REPLACE FAUCET WASHER-ENAMEL STL TUB
0811803	REPLACE FAUCETS-ENAMEL STL BATH TUB
0811804	RESEAL - BATH TUB, ENAMELED STEEL
0811805	REPAIR DIVERTER VALVE-ENAMEL ST BATH TUB
0811806	UNSTOP - ENAMELED STEEL BATH TUB
0811807	REPLACE TUB - ENAMELED STEEL BATH TUB
0811900	SHOWER, TERRAZO
0811901	INSPECT/CLEAN SHOWER HEAD - TERRAZO
0811902	REPLACE FAUCET WASHER - TERRAZO SHOWER
0811903	REPLACE FAUCETS - TERRAZO SHOWER
0811904	RESEAL - TERRAZO SHOWER
0811905	UNSTOP - TERRAZO SHOWER
0811906	REPLACE SHOWER - TERRAZO
0811A00	SHOWER, ENAMELED STEEL
0811A01	INSPECT/CLEAN SHOWER HEAD - ENAMEL STEEL
0811A02	REPLACE FAUCET WASHER - ENAMELED STEEL
0811A03	REPLACE FAUCETS - ENAMELED STEEL
0811A04	RESEAL - ENAMELED STEEL SHOWER
0811A05	UNSTOP - ENAMELED STEEL SHOWER
0811A06	REPLACE SHOWER - ENAMELED STEEL
0811B00	SHOWER, PLASTIC
0811B01	INSPECT/CLEAN SHOWER HEAD-PLASTIC SHOWER
0811B02	REPLACE FAUCET WASHER - PLASTIC SHOWER
0811B03	REPLACE FAUCETS - PLASTIC SHOWER
0811B04	RESEAL - PLASTIC SHOWER
0811B05	UNSTOP - PLASTIC SHOWER
0811B06	REPLACE SHOWER AND FITTINGS-PLASTIC SH
0811C00	SHOWER, ALUMINUM

CACES	DESCRIPTION
0811C01	INSPECT/CLEAN SHOWER HEAD-ALUMINUM SHOWR
0811C02	REPLACE FAUCET WASHER-ALUMINUM SHOWER
0811C03	REPLACE FAUCETS - ALUMINUM SHOWER
0811C04	RESEAL - ALUMINUM SHOWER
0811C05	UNSTOP - ALUMINUM SHOWER
0811C06	REPLACE SHOWER AND FITTINGS-ALUMINUM SH
0811D00	SINK, IRON ENAMEL
0811D01	REPLACE FAUCET WASHER -IRON ENAMEL SINK
0811D02	CLEAN TRAP-IRON ENAMEL SINK
0811D03	REPLACE FAUCETS - IRON ENAMEL SINK
0811D04	UNSTOP - IRON ENAMEL SINK
0811D05	REPAIR STRAINER - IRON ENAMEL SINK
0811D06	REPLACE SINK - IRON ENAMEL SINK
0811E00	SINK, ENAMELED STEEL
0811E01	REPLACE FAUCET WASHER-ENAMELED STL SINK
0811E02	CLEAN TRAP - ENAMELED STEEL SINK
0811E03	REPLACE FAUCETS - ENAMELED STEEL SINK
0811E04	UNSTOP - ENAMELED STEEL SINK
0811E05	REPAIR STRAINER - ENAMELED STEEL SINK
0811E06	REPLACE SINK - ENAMELED STEEL
0811F00	SINK, STAINLESS STEEL
0811F01	REPLACE FAUCET WASHER-STAINLESS STL SINK
0811F02	CLEAN TRAP - STAINLESS STEEL SINK
0811F03	REPLACE FAUCETS - STAINLESS STEEL SINK
0811F04	UNSTOP - STAINLESS STEEL SINK
0811F05	REPAIR STRAINER - STAINLESS STEEL SINK
0811F06	REPLACE SINK - STAINLESS STEEL
0811G00	SINK, PLASTIC
0811G01	REPLACE FAUCET WASHER - PLASTIC SINK
0811G02	CLEAN TRAP - PLASTIC SINK
0811G03	REPLACE FAUCETS - PLASTIC SINK
0811G04	UNSTOP - PLASTIC SINK
0811G05	REPAIR STRAINER - PLASTIC SINK
0811G06	REPLACE SINK AND FITTINGS-PLASTIC SINK
0811H00	DRINKING FOUNTAIN
0811H01	CHECK/MINOR REPAIRS - DRINKING FOUNTAIN
0811H02	REPAIR INTERNAL LEAKS-DRINKING FOUNTAIN
0811H03	CORRECT WATER PRESSURE-DRINKING FOUNTAIN
0811H04	REPLACE FREON - DRINKING FOUNTAIN
0811H05	REPAIR DRAIN LEAK - DRINKING FOUNTAIN
0811H06	UNSTOP DRAIN - DRINKING FOUNTAIN
0811H07	REPLACE FOUNTAIN
0811I00	SPIGOT
0811I01	REPACK GLAND-SPIGOT
0811I02	REPL OLD VALVE WITH NEW,PARTIAL-SPIGOT
0811J00	BATHTUB, PLASTIC
0811J01	INSPECT/CLEAN SHWR HEAD-BATHTUB,PLASTIC
0811J02	REPLACE FAUCET WASHER-BATHTUB, PLASTIC
0811J03	REPLACE FAUCETS-BATHTUB, PLASTIC
0811J04	RESEAL BATHTUB, PLASTIC
0811J05	REPAIR DIVERTER VALVE-BATHTUB, PLASTIC
0811J06	UNSTOP BATHTUB, PLASTIC
0811J07	REPLACE BATHTUB, PLASTIC
0811K00	LAVATORY, PLASTIC
0811K01	REPL WASHER IN SPUD CONNECT-LAVTRY,PLAST

CACES	DESCRIPTION
0811K02	REPL WASHR IN FAUCET, LAVATORY, PLASTIC
0811K03	REPLACE SUPPORT RODS, LAVATORY, PLASTIC
0811K04	REPLACE FAUCETS, LAVATORY, PLASTIC
0811K05	CLEAN OUT STRAINR & P TRAP, LAV, PLASTIC
0811K06	REPLACE LAVATORY, PLASTIC
0811L00	EMERGENCY SHOWER STATION
0811L01	REPACK VALVE GLANDS-EMERG SHWR STATION
0811L02	INSP & CLEAN SHWR HEAD-EMERG SHWR STA
0811L03	REPLACE SHOWER-EMERGENCY SHOWER STATION
0811M00	EMERGENCY EYE WASH
0811M01	REPACK VALVE GLANDS-EMERG EYE WASH
0811M02	INSP & CLEAN SPRAY HEADS-EMERG EYE WASH
0811M03	REPLACE EYE WASH STATION-EMERG EYE WASH
0811N00	SHOWER, CMU
0811N01	INSPEC/CLEAN SHOWER HEAD, SHOWER, CMU
0811N02	REPLACE FAUCET WASHER-SHOWER CMU
0811N03	REPLACE FAUCETS-SHOWER, CMU
0811N04	RESEAL-SHOWER, CMU
0811N05	UNSTOP - SHOWER, CMU
0811N06	REPLACE SHOWER-SHOWER,CPU
0811P00	SHOWER GLAZED CMU
0811P01	INSP/CLEAN SHOWER HEAD-SHOWER GLAZED CU
0811P02	REPLACE FAUCET WASHER-SHOWER GLAZED CMU
0811P03	REPLACE FAUCETS-SHOWER GLAZED CMU
0811P04	RESEAL-SHOWER GLAZED CMU
0811P05	UNSTOP - SHOWER GLZED CMU
0811P06	REPLACE SHOWER-SHOWER GLAZED CMU
0811R00	SHOWER, CERAMIC TILE
0811R01	INSP/CLEAN SHWER HEAD-SHWR CERAMIC TILE
0811R02	REPL FAUCET WASHER-SHWR CERAMIC TILE
0811R03	REPLACE FAUCETS-SHOWER CERAMIC TILE
0811R04	RESEAL-SHOWER CERAMIC TILE
0811R05	UNSTOP - SHOWER CERAMIC TILE
0811R06	REPLACE SHOWER - SHOWER CERAMIC TILE
0812000	WASTE & VENT
0812100	PIPE & FITTINGS
0812101	UNCLOG FLOOR DRAIN - PIPE & FITTINGS
0812102	UNCLOG MAIN DRAIN - PIPE & FITTINGS
0812103	REPLACE PIPE & FITTINGS
0812200	FLOOR DRAIN, WITHOUT BUCKET
0812201	CLEAN DRAIN - FLOOR, WITHOUT BUCKET
0812202	REPLACE STRAINER-FL DRAIN, WITHOUT BUCKT
0812203	REPLACE FLOOR DRAIN- WITHOUT BUCKET
0812300	FLOOR DRAIN, WITH BUCKET
0812301	CLEAN OUT BUCKET - FLOOR DRAIN
0812302	REPLACE STRAINER-FL DRAIN, WITH BUCKET
0812303	REPLACE FLOOR DRAIN - WITH BUCKET
0812400	PIPE AND FITTINGS, PVC
0812401	UNCLOG FLOOR DRAIN,PIPE & FITTING, PVC
0812402	UNCLOG MAIN DRAIN-PIPE & FITTING, PVC
0812403	REPLACE PIPE AND FITTINGS, PVC
0813000	COLD WATER
0813100	PIPE & FITTINGS, STEEL OR CAST IRON
0813101	INSTALL NEW GASKET-PIPE&FITTINGS,STL,IRN
0813102	REPLACE 10' SECTION-PIPE&F,STL,CAST IRON

CACES	DESCRIPTION
0813103	REPLACE PIPE AND FITTINGS-STL, CAST IRON
0813200	PIPE & FITTINGS, COPPER
0813201	RESOLDER JOINT-PIPE & FITTINGS, COPPER
0813202	INSTALL 10' SECTION-PIPE & F, COPPER
0813203	REPLACE PIPE AND FITTINGS - COPPER
0813300	VALVE, NON-DRAIN 3/8" - 1 1/2"
0813301	REPACK GLAND-VALVE,NON-DRAIN 3/8"-1 1/2"
0813302	INSTALL NEW VALVE- NON-DRAIN 3/8"-1 1/2"
0813400	VALVE, NON-DRAIN 2"-3"
0813401	REPACK GLAND-VALVE, NON-DRAIN 2"-3"
0813402	INSTALL NEW VALVE - NON-DRAIN 2"-3"
0813500	VALVE, NON-DRAIN 4"-6"
0813501	REPACK GLAND- VALVE, NON-DRAIN 4"-6"
0813502	INSTALL NEW VALVE - NON-DRAIN 4"-6"
0813600	VALVE, DRAIN
0813601	REPACK GLAND - DRAIN VALVE
0813602	REPLACE VALVE STEM ASSEMBLY-DRAIN VALVE
0813603	INSTALL NEW VALVE - DRAIN
0813700	EXPANSION CHAMBER
0813701	REFILL EXPANSION CHAMBER
0813702	INSTALL NEW EXPANSION CHAMBER
0813800	WATER METER
0813801	OVERHAUL WATER METER
0813802	INSTALL NEW WATER METER
0813900	INSULATION, PIPE
0813901	REPAIR BROKEN PIPE INSULATION-COLD WATER
0813902	INSTALL NEW PIPE INSULATION-COLD WATER
0813A00	CIRCULATOR PUMP 1 1/2 HP
0813A01	OVERHAUL 1 1/2HP PUMP, REPL SEALS - COLD
0813A02	INSP/CHK1 1/2HP PUMP/MOTOR OPER,LUBR-COD
0813A03	REPLACE PUMP/MOTOR ASSEMBLY,1 1/2 HP-CLD
0813B00	CIRCULATOR PUMP 1/6 HP
0813B01	OVERHAUL 1/6HP PUMP, REPLACE SEALS-COLD
0813B02	INSP/CHK 1/6HP PUMP/MOTOR OPER,LUB-COLD
0813B03	REPLACE 1/6HP PUMP/MOTOR ASSEMBLY-COLD
0813C00	CIRCULATOR PUMP 1/2 HP
0813C01	OVERHAUL 1/2HP PUMP,REP SEAL BEARIN-COLD
0813C02	INSP/CHK 1/2HP PUMP/MOTOR OP,LUBR-COLD
0813C03	REPLACE 1/2HP PUMP/MOTOR ASSEMBLY-COLD
0813D00	PIPE AND FITTINGS, PVC
0813D01	REGLUE JOINT-PIPE AND FITTINGS, PVC
0813D02	INSTALL 10'SECTION,PIPE - FITTING, PVC
0813D03	REPLACE PIPE - PIPE & FITTING, PVC
0813E00	HOSE BIBB
0813E01	REPACK GLAND-HOSE BIBB
0813E02	REPL OLD VALVE,PARTIAL- HOSE BIBB
0813F00	CIRCULATION PUMP GREATER THAN 1 HP
0813F01	OVRHL PUMP,REPL SEAL/BRNGS-CIRC PUMP>1HP
0813F02	PREV MAINT-CIRC PUMP >1 HP
0813F03	REPLACE MOTOR-PUMP ASSEMBLY > 1HP
0814000	HOT WATER
0814100	PIPE & FITTINGS, STEEL OR CAST IRON
0814101	INSTALL NEW GASKET-PIPE&F, STL, CAST IRN
0814102	INSTALL 10' SECTION-PIPE&F,STL,CAST IRON
0814103	REPLACE PIPE AND FITTINGS-STL, CAST IRON

CACES DESCRIPTION

0814200 PIPE & FITTINGS, COPPER
0814201 RESOLDER JOINT-PIPE&FITTINGS, COPPER
0814202 INSTALL 10'SECTION-PIPE&F, COPPER
0814203 REPLACE PIPE AND FITTINGS - COPPER
0814300 VALVE, NON DRAIN 3/8"-1 1/2"
0814301 REPACK GLAND-VALVE,NON-DRAIN 3/8"-1 1/2"
0814302 INSTALL NEW VALVE-NON DRAIN 3/8"-1 1/2"
0814400 VALVE, NON DRAIN 2"-3"
0814401 REPACK GLAND - VALVE, NON DRAIN 2"-3"
0814402 INSTALL NEW VALVE, NON DRAIN 2"-3"
0814500 VALVE, NON DRAIN 4"-6"
0814501 REPACK GLAND -VALVE NON DRAIN 4-6"
0814502 INSTALL NEW VALVE, NON DRAIN 4"-6"
0814600 VALVE, DRAIN
0814601 REPACK GLAND - VALVE DRAIN
0814602 REPLACE VALVE STEM ASSEMBLY
0814603 INSTALL NEW VALVE, DRAIN
0814700 EXPANSION CHAMBER
0814701 REFILL EXPANSION CHAMBER
0814702 INSTALL NEW EXPANSION CHAMBER
0814800 INSULATION, PIPE
0814801 REPAIR BROKEN PIPE INSULATION-HOT PIPE
0814802 INSTALL NEW PEPE INSULATION-HOT WATER
0814900 CIRCULATOR PUMP, 1 1/2 HP
0814901 OVERHAUL 1 1/2HP PUMP,REPL SEALS-HOT WTR
0814902 INSP/CHK 1 1/2HP PUMP/MOTOR OP,LUBR-HOT
0814903 REPL 1 1/2HP PUMP/MOTOR ASSEMBLY-HOT
0814A00 CIRCULATOR PUMP, 1/6 HP
0814A01 OVERHAUL 1/6HP PUMP, REPL SEALS - HOT
0814A02 INSP/CHK 1/6HP PUMP/MOTOR OPER, LUBR-HOT
0814A03 REPLACE 1/6HP PUMP/MOTOR ASSEMBLY - HOT
0814B00 CIRCULATOR PUMP, 1/2 HP
0814B01 OVERHAUL 1/2HP PUMP, REPL SEAL- HOT WATR
0814B02 INSP/CHK 1/2HP PUMP/MOTOR OPER,LUBR- HOT
0814B03 REPLACE 1/2HP PUMP/MOTOR ASSEMBLY - HOT
0814C00 STEAM CONVERTOR, DOMESTIC HOT WATER
0814C01 REPAIR STEAM LEAK-STERM CONVERTOR,DOMEST
0814C02 INSEPCT FOR LEAKS-STEAM CONVERTOR, DOMES
0814C03 REPLACE STEAM CONVERTOR-DOMESTIC HOT WTR
0814D00 HOT WATER HTR, GAS/OIL 30 GAL
0814D01 REPAIR HOT WATER HTR. GAS/OIL 30 GAL.
0814D02 CLN & SERV-HOT WATER HTR,GAS/OIL 30 GAL
0814D03 REPLACE HOT WATER HEATER, GAS/OIL 30 GAL
0814E00 HOT WATER HTR, GAS/OIL 75 GAL
0814E01 OVERHAUL WATER HTR, GAS/OIL 75 GAL
0814E02 CLEAN &SERVICE HOT WATER HTR,GAS/OIL 75G
0814E03 REPLACE HOT WATER HEATER, GAS/OIL 75 GAL
0814F00 HOT WATER HTR, GAS/OIL 1000 GPH RECOVERY
0814F01 MINOR REPAIRS,ADJUST-HOT WTR HTR,G/O1000
0814F02 CLEAN & SERVICE-HOT WAT HTR,G/O 1000 GPH
0814F03 REPLACE HOT WATER HEATER, G/O 1000 GPH
0814G00 HOT WATER HTR, GAS/OIL 8-120GPH RECOVERY
0814G01 OVERHAUL HOT WATER HEATER 8-120GPH RECV.
0814G02 CHECK OPERATION AND CLEAN, 8-120GPH REC
0814G03 REPLACE HEATER, G/O 8-120GPH RECOVER

CACES DESCRIPTION

0814H00 HOT WATER HEATER ELEC. 120 GAL.
0814H01 DRAIN AND FLUSH HOT WATER HTR.ELEC 120 G
0814H02 CHECK OPERATION-HOT WATER HTR.ELEC 120 G
0814H03 REPLACE HOT WATER HEATER ELEC 120 GAL
0814I00 HOT WATER HEATER ELEC. 300 GAL.
0814I01 DRAIN AND FLUSH HOT WATER HTR.ELEC 300 G
0814I02 CHECK OPERATION-HOT WATER HTR.ELEC 300 G
0814I03 REPLACE HOT WATER HEATER ELEC 300 GAL
0814J00 HOT WATER HEATER ELEC. 1000 GAL.
0814J01 DRAIN & FLUSH HOT WATER HTR.ELEC 1000 G
0814J02 CHECK OPERATION-HOT WATER HTR.ELEC1000 G
0814J03 REPLACE HOT WATER HEATER ELEC 1000 GAL
0814K00 HOT WATER HEATER ELEC. 2000 GAL.
0814K01 DRAIN &FLUSH HOT WATER HTR.ELEC 2000 GAL
0814K02 CHECK OPERATION-HOT WATER HTR.ELEC 2000G
0814K03 REPLACE HOT WATER HEATER ELEC 2000 GAL
0814L00 HOT WATER HEATER ELEC. 52 GAL.
0814L01 DRAIN & FLUSH-HOT WAT HEAT ELECT, 52 GAL
0814L02 CHECK OPER. HOT WATER HEAT ELECT 52 GAL
0814L03 REPLACE HOT WATER HEATER, ELECT. 52 GAL
0814M00 HOT WATER STORAGE TANK, DHW
0814M01 CLEAN & SCRAPE HOT WTR STORAGE TANK, DHW
0814M02 REPLACE HOT WATER STORAGE TANK, DHW
0814N00 HOT WATER PIPE/FITTINGS PVC.
0814N01 REGLUE JOINT-PIPE/FITTINGS,PVC-HOT WATER
0814N02 INST 10'SECTION-PIPE/FITTINGS, PVC-HOT
0814N03 REPLACE PIPE-PIPE/FITTINGS, PVC -HOT
0814O00 CIRCULATION PUMP > 1 HP.
0814O01 OVERHAUL PUMP - REPL BEARING,SEAL > 1HP
0814O02 INSP-CHK PUMP/MOTOR OPER/ALIGN >1HP, HOT
0814O03 REPLACE PUMP/MOTOR ASSEMBLY > 1HP - HOT

0820000 RAIN WATER
0821000 FIXTURES, RAIN WATER
0821100 DRAIN, ROOF SCUPPER, AREA
0821101 GENERAL MAINT&REP-DRAIN,ROOF SCUPPER,ARE
0821103 REPLACE DRAIN, ROOF SCUPPER, AREA
0822000 DRAINAGE, RAIN WATER
0822100 DISTRIBUTION, GUTTERS, PIPE
0822101 GENERAL MAINT & REPAIR-GUTTERS OR PIPE
0822102 REPLACE PIPE OR GUTTER
0823000 DRAINAGE, WATER SEEPAGE
0823100 SUMP PUMP
0823101 OVERHAUL SUMP PUMP, REPL SEAL/BEARING
0823102 INSP./CHK PUMP/MOTOR OPER.,CHK ALIGN.
0823103 REPL PUMP/MOTOR ASSEM, PARTIAL-SUMP PUMP

0830000 SPECIAL PLUMBING SYSTEM
0831000 COMPRESSED AIR
0831100 SIMPLE COMPRESSED AIR
0831110 1 H.P.
0831111 CHECK AND ADJUST COMPRESSOR - 1H.P
0831112 REPAIR COMPRESSOR - 1 H.P.
0831113 REPLACE COMPRESSOR - 1 H.P.
0831120 VACUUM PUMP
0831121 OVERHAUL VACUUM PUMP
0831122 CHECK OPERATION, VACUUM PUMP

CACES DESCRIPTION

0831123 REPLACE VACUUM PUMP
0831130 GAS COMPRESSOR > 1/2 HP
0831131 CHECK AND ADJUST GAS COMPRESSOR >1/2 HP
0831132 REPAIR GAS COMPRESSOR > 1/2 HP
0831133 REPLACE GAS COMPRESSOR > 1/2 HP
0831140 GAS COMPRESSOR > 15 HP
0831141 CHECK AND ADJUST GAS COMPRESSOR > 15 HP
0831142 REPAIR GAS COMPRESSOR > 15 HP
0831143 REPLACE GAS COMPRESSOR > 15 HP
0831150 COMPRESSED AIR DRYER
0831151 RECHARGE SYSTEM-COMPRESSED AIR DRYER
0831152 REPLACE COMPRESSOR-COMPRESSED AIR DRYER
0831153 CHECK OPERATION-COMPRESSED AIR DRYER
0831154 REPLACE COMPRESSED AIR DRYER
0831200 HOSE, COMPRESSED AIR
0831210 RUBBER
0831211 REPLACE RUBBER HOSE, COMPRESSED AIR
0831300 PIPE AND FITTINGS FOR COMPRESSED AIR
0831310 METAL PIPE
0831311 GENERAL MAINT-METAL PIPE FOR COMPR AIR
0831312 REPLACE METAL PIPE AND FITTINGS,10 FT.
0831313 REPLACE METAL PIPE AND FITTINGS
0832000 INDUSTRIAL GASES
0832100 SIMPLE GAS COMPRESSER
0832110 1 H.P.
0832111 CHECK AND ADJUST GAS COMPRESSER 1H.P.
0832112 REPAIR GAS COMPRESSER - 1 H.P.
0832113 REPLACE GAS COMPRESSER - 1 H.P.
0832200 HOSE, INDUSTRIAL GAS
0832210 RUBBER
0832211 REPLACE RUBBER HOSE - INDUSTRIAL GAS
0832300 PIPE AND FITTINGS FOR INDUST. GAS
0832310 METAL PIPE
0832311 GENERAL MAINT METAL PIPE - INDUST. GAS
0832312 REPL METAL PIPE&FITTINGS,10FT-INDUST GAS
0832313 REPL METAL PIPE & FITTINGS-INDUST GAS
0833000 SPECIAL GAS SYSTEMS
0833100 PIPING SPECIAL ANESTHESIA GAS SYS.
0833110 PIPE AND FITTING, ANESTHESIA
0833111 RESOLDER JOINT-PIPE/FITTING,ANESTHESIA
0833112 REPL 10' SECT-PIPE/FITTINGS, ANESTHES.A
0833113 REPLACE PIPE AND FITTINGS, ANESTHESIA
0833200 PIPING SPECIAL OXYGEN GAS SYSTEM
0833210 PIPE AND FITTING, OXYGEN
0833211 RESOLDER JOINT-PIPE/FITTINGS, OXYGEN
0833212 REPL/INSTALL 10' SECT-PIPE/FIT, OXYGEN
0833213 REPLACE PIPE AND FITTINGS, OXYGEN

0840000 SPECIAL PLUMBING FIXTURE
0841000 KITCHEN PLUMBING FIXTURE
0841100 DISHWASHER
0841101 GENERAL MAINTENANCE & REPAIR-DISHWASHER
0841102 REPLACE UNIT - DISHWASHER
0841200 WASTE DISPOSAL, RESIDENTIAL
0841201 UNSTOP WASTE DISPOSAL, RESIDENTIAL
0841202 REPLACE UNIT-WASTE DISPOSAL, RESIDENTIAL

CACES DESCRIPTION

0841300 WATER SOFTENER
0841301 GEN MAINT AND REPAIR, WATER SOFTENER
0841302 CHK OPERATION & ADD SALT-WATER SOFTENER
0841303 REPLACE WATER SOFTENER
0844000 SPECIAL SYSTEMS - FIRE SUPPRESSION
0844100 OPEN HEAD FIRE SUPPRESSION SYSTEM
0844110 OPEN HEAD SPRINKLER HEAD
0844111 REPAIR OPEN HEAD-SPRINKLER HEAD
0844112 INSPECT SPRINKLER SYST-SPRINKLER HEAD
0844113 REPLACE OPEN-HEAD SPRINKLER HEAD

0900000 HEATING, VENTILATION AND AIRCONDITIONING

0910000 NATURAL GAS SYSTEMS
0911000 EQUIPMENT/METERS/REGULATORS, NAT. GAS
0911100 GAS METER
0911101 REPLACE GAS METER
0912000 PIPING SYSTEMS, NATURAL GAS SYS.
0912100 PIPE FITTINGS, STEEL/IRON
0912101 INST NEW GASKET-PIPE FITTINGS,STL/IRON
0912102 REPLACE 10 FOOT SECTION-PIPE F, STL/IRON
0912103 REPLACE PIPE AND FITTINGS, STEEL/IRON
0912200 PRESS. REDUCING VALVE, .5 INCH
0912201 CHECK GAS PRESSURE REDUING VALVE, .5"
0912202 REPLACE PRESSURE REDUCING VALVE, .5"
0912300 PRESSURE REDUCING VALVE, 2"
0912301 CHECK GAS PRESSURE - 2" VALVE
0912302 REPLACE PRESSURE REDUCING VALVE - 2"

0920000 FUEL OIL SYSTEMS
0921000 STORAGE SYSTEMS, FUEL OIL SYS.
0921100 OIL STORAGE TANK, 275 GAL.
0921101 REPLACE OIL STORAGE TANK, 275 GALLON
0921200 STORAGE SYSTEMS, FUEL OIL FILTER
0921201 PREVENTIVE MAINTENANCE, FUEL OIL FILTER
0921202 REPLACE FILTER, FUEL OIL
0921300 STORAGE SYSTEMS, FUEL OIL GAUGE
0921301 PREVENTIVE MAINTENANCE, FUEL OIL GAUGE
0921302 REPLACE GUAGE, FUEL OIL
0922000 TRANSFER SYSTEMS, FUEL OIL SYS.
0923000 DISTRIBUTION SYSTEMS, FUEL OIL SYS.
0923100 PIPE/FITTINGS, COPPER
0923101 RESOLDER JOINT PIPE/FITTINGS, COPPER
0923102 REPLACE/INSTALL 10' SECTION-PIPE/FIT COP
0923103 REPLACE PIPE AND FITTINGS, COPPER

0930000 LPG SYSTEMS
0931000 STORAGE SYSTEMS, LPG SYS.
0931100 LPG STORAGE TANK,1000 GALLON
0931101 REPLACE LPG STORAGE TANK ,1000 GALLON
0932000 TRANSFER SYSTEMS, LPG SYS.
0933000 DISTRIBUTION SYSTEMS, LPG SYS.
0933100 PIPE/FITTINGS, STEEL/IRON
0933101 INSTALL NEW GASKET-PIPE/FIT,STEEL/IRON
0933102 REPLACE 10'SECTION-PIPE/FIT, STEEL/IRON
0933103 REPLACE PIPE AND FITTINGS-STEEL/IRON

0940000 STEAM (SUPPLIED FROM CENTRAL)
0941000 PRESSURE REDUCING REG. SYS., STEAM SYS.

CACES	DESCRIPTION
0941100	STEAM CONVERTOR, LESS THAN 300,000
0941101	REPAIR STEAM CONVERTOR, <300,000
0941102	INSPECT FOR LEAKS STEAM CONVT <300,000
0941103	REPLACE STEAM CONVERTOR <300,000
0941200	FLASH TANK, 24 GALLON
0941201	REPAIR FLASH TANK, 24 GALLON
0941202	CHECK FOR LEAKS FLASH TANK, 24 GALLON
0941203	REPLACE FLASH TANK, 24 GALLON
0941300	STEAM REGULATION VALVE - 2"
0941301	REPLACE STEAM REGUL. VALVE-2"
0941500	COND.METER,<300#/HR
0941501	REPAIR METER, < 300#/HR
0941502	PREVENTIVE MAINTENANCE CLEANIN <300#/HR
0941503	REPLACE METER < 300#/HR
0942000	DISTRIBUTION SYSTEMS, STEAM SYS.
0942100	RADIATOR VALVE 1"
0942101	REPLACE RADIATOR VALVE - 1"
0943000	METAL RADIATORS (IN 10 FT. SECTIONS)
0943100	CAST IRON RADIATOR 10 SECT
0943101	REPLACE CAST IRON RADIATOR 10 SECT
0943200	BASEBOARD RADIATION 10 FT
0943201	REPLACE BASEBORARD RADIATOR 10 FT
0943300	FINNED RADIATOR, WALL 10 FT
0943301	REPLACE FIN RADIATOR, WALL 10 FT
0950000	CHILLED WATER (SUPPLIED FROM CENTRAL)
0960000	SOLAR SYSTEMS
0961000	EQUIPMENT, SOLAR SYSTEMS
0961100	SOLAR PANEL, 3' X 8'
0961101	REPLACE SOLAR PANEL , 3' X 8'
0961200	SOLAR STORAGE TANK, 1000 GALLON
0961201	REPLACE SOLAR STORAGE TANK, 1000 GALLON
0962000	PIPING, SOLAR SYSTEMS
0962100	PIPE/FITTINGS, PVC
0962101	REGLUE JOINT-PIPE/FITTINGS, PVC
0962102	INSTALL 10' SECTION-PIPE/FITTINGS PVC
0962103	REPLACE PIPE-PIPE/FITTINGS PVC
0970000	OTHER GENERATION SYSTEMS
0980000	HEATING GENERATION SYSTEMS
0981000	EQUIPMENT, HEATING GENERATION
0981100	BOILER (GAS)
0981110	250 BTU
0981111	REPAIR BOILER - 250 BTU
0981112	PREV MAINT ANN INSP-250 BTU GAS BOILER
0981113	PREV MAINT EXTER INSP-GAS BOILER 250 BTU
0981114	PREV MAINT CLEAN FIREBX-GAS BLER 250 BTU
0981115	PREV MAINT WEEKLY TOUR-GAS BLER 250 BTU
0981116	REPLACE GAS BOILER - 250 BTU
0981120	2000 BTU
0981121	REPAIR GAS BOILER 2000 BTU
0981122	PREV MAINT ANNUAL INSP-GAS BLR 2000 BTU
0981123	PREV MAINT EXTER INSP-GAS BOILER 2000BTU
0981124	PREV MAINT CLEAN FIREBX-GAS BLR 2000 BTU
0981125	PREV MAINT CLEAN TUBES-GAS BLR 2000 BTU
0981126	PREV MAINT WEEKLY TOUR-GAS BLR 2000 BTU
0981127	REPLACE GAS BOILER - 2000 BTU

CACES	DESCRIPTION
0981130	10000 BTU
0981131	REPAIR GAS BOILER - 10000 BTU
0981132	PREV MAINT ANNUAL INSP-GAS BLR 10000 BTU
0981133	PREV MAINT EXTER INSP-GAS GLR 10000 BTU
0981134	PREV MAINT CLEAN FIREBX-GAS BLR 10000BTU
0981135	PREV MAINT CLEAN TUBES-GAS BLR 10000 BTU
0981136	PREV MAINT WEEKLY TOUR-GAS BLR 10000 BTU
0981137	REPLACE GAS BOILER - 10000 BTU
0981200	BOILER (COAL)
0981210	40000 BTU
0981211	REPAIR COAL BOILER - 40000 BTU
0981212	PREV MAINT ANNUAL - COAL BLR 40000 BTU
0981213	PREV MAINT EXTER INSP-COAL BLR 40000 BTU
0981214	PREV MAINT WEEKLY TOUR-COAL BLR 40000BTU
0981215	REPLACE COAL BOILER - 40000 BTU
0981220	100000 BTU
0981221	REPAIR COAL BOILER - 100000 BTU
0981222	PREV MAINT ANNUAL-COAL BLR 100000 BTU
0981223	PREV MAINT EXTER INSP-COAL BLR 100000BTU
0981224	PREV MAINT WEEKLY TOUR-COAL BLR100000BTU
0981225	REPLACE COAL BOILER phase I-100000 BTU
0981226	REPLACE COAL BOILER phase II-100000 BTU
0981300	BOILER (OIL)
0981310	250 BTU
0981311	REPAIR OIL BOILER - 250 BTU
0981312	PREV MAINT ANNUAL INSP-OIL BLR 250 BTU
0981313	PREV MAINT EXTER INSP-OIL BLR 250 BTU
0981314	PREV MAINT WKLY TOUR-OIL BOILER 250 BTU
0981315	PREV MAINT CLEAN BURNER-OIL BLR 250 BTU
0981316	REPLACE OIL BOILER - 250 BTU
0981320	2000 BTU
0981321	REPAIR OIL BOILER - 2000 BTU
0981322	PREV MAINT ANNUAL INSP-OIL BLR 2000 BTU
0981323	PREV MAINT EXTER INSP-OIL BLR 2000 BTU
0981324	PREV MAINT WKLY TOUR-OIL BLR 2000 BTU
0981325	PREV MAINT CLEAN BURNER-OIL BLR 2000 BTU
0981326	REPLACE OIL BOILER - 2000 BTU
0981330	10000 BTU
0981331	REPAIR OIL BOILER - 10000 BTU
0981332	PREV MAINT ANNUAL INSP-OIL BLR 10000 BTU
0981333	PREV MAINT EXTER INSP-OIL BLR 1000 BTU
0981334	PREV MAINT WKLY TOUR-OIL BLR 10000 BTU
0981335	PREV MAINT CLEAN BURNER-OIL BLR 10000BTU
0981336	REPLACE OIL BOILER - 10000 BTU
0981400	BOILER DUAL FIRED
0981410	2000 BTU
0981411	REPAIR DUAL FIRED BOILER - 2000 BTU
0981412	PREV MAINT ANN-DUAL FIRED BLR 2000 BTU
0981413	PREV MAINT EXT INSP-DL FIRED BLR 2000BTU
0981414	PREV MAINT WKLY TR-DUAL FIRED BLR2000BTU
0981415	REPLACE DUAL FIRED BOILER - 2000 BTU
0981420	20000 BTU
0981421	REPAIR DUAL FIRED BOILER - 20000 BTU
0981422	PREV MAINT ANN INSP-DL FIRED BLR20000BTU
0981423	PREV MAINT EXT INSP-DL FIRED BLR20000BTU

CACES DESCRIPTION

0981424 PREV MAINT WKLY TR-DL FIRED BLR 20000BTU
0981425 REPLACE DUAL FIRED BOILER - 20000 BTU
0981500 BOILER PNEUMATIC COAL SPREADER
0981510 BOILER PNEUMATIC COAL SPREADER
0981511 REPAIR BOILER PNEUMATIC COAL SPREADER
0981512 PREV MAINT DAILY-BLR PNEUMAT CL SPREADER
0981513 PREV MAINT WEEKLY-BLR PNEUMAT CL SPREADR
0981514 PREV MAINT MONTHLY-BLR PNEUMAT CL SPREAD
0981515 PREV MAINT ANNUAL-BLR PNEUMAT CL SPREADR
0981516 REPLACE PNEUMATIC COAL SPREADER
0981600 ASH HANDLING SYSTEM
0981610 ASH HANDLING SYSTEM
0981611 REPAIR ASH HANDLING SYSTEM
0981612 PREV MAINT DAILY-ASH HANDLING SYSTEM
0981613 PREV MAINT MONTHLY - ASH HANDLING SYSTEM
0981614 PREV MAINT ANNUAL - ASH HANDLING SYSTEM
0981615 REPLACE ASH HANDLING SYSTEM
0981700 FUEL OIL EQUIPMENT
0981710 FUEL OIL EQUIPMENT
0981711 REPAIR FUEL OIL EQUIPMENT
0981712 PREV MAINT - FUEL OIL EQUIPMENT
0981713 REPLACE FUEL OIL EQUIPMENT
0981800 CHEMICAL FEED SYSTEM
0981810 CHEMICAL FEED SYSTEM
0981811 REPAIR CHEMICAL FEED
0981812 PREVENTIVE MAINT - CHEMICAL FEED SYSTEM
0981813 REPLACE CHEMICAL FEEDER
0981900 FEED WATER SUPPLY
0981910 FEEDWATER SUPPLY
0981911 REPAIR FEED WATER SUPPLY PUMP
0981912 PREV MAINT - FEED WATER SUPPLY PUMP
0981913 REPLACE FEED WATER SUPPLY PUMP
0981A00 DEAERATOR
0981A10 DEAERATOR
0981A11 REPAIR DEAERATOR
0981A12 PREVENTIVE MAINTENANCE - DEAERATOR
0981A13 REPLACE DEAERATOR
0981B00 BLOWOFF SYSTEM
0981B10 BLOWOFF SYSTEM
0981B11 REPAIR BOILER BLOWOFF SYSTEM
0981B12 REPLACE BOILER BLOWOFF SYSTEM
0981C00 HOUSE FURNACE (GAS)
0981C10 25 KBTU
0981C11 REPAIR GAS HOUSE FURNACE - 25 KBTU
0981C12 PREV MAINT-GAS HOUSE FURNACE 25 KBTU
0981C13 REPLACE GAS HOUSE FURNACE - 25 KBTU
0981C20 100 KBTU
0981C21 REPAIR GAS HOUSE FURNACE - 100 KBTU
0981C22 PREV MAINT - GAS HOUSE FURNACE 100 KBTU
0981C23 REPLACE GAS HOUSE FURNACE 100 KBTU
0981C30 200 KBTU
0981C31 REPAIR GAS HOUSE FURNACE - 200 KBTU
0981C32 PREV MAINT - GAS HOUSE FURNACE 200 KBTU
0981C33 REPLACE GAS HOUSE FURNACE - 200 KBTU
0981D00 HOUSE FURNACE (OIL)

CACES DESCRIPTION

0981D10 25 KBTU
0981D11 REPAIR OIL HOUSE FURNACE - 25 KBTU
0981D12 PREV MAINT - OIL HOUSE FURNACE 25 KBTU
0981D13 REPLACE OIL HOUSE FURNACE - 25 KBTU
0981D20 100 KBTU
0981D21 REPAIR OIL HOUSE FURNACE - 100 KBTU
0981D22 PREV MAINT - OIL HOUSE FURNACE 100 KBTU
0981D23 REPLACE OIL HOUSE FURNACE - 100 KBTU
0981D30 200 KBTU
0981D31 REPAIR OIL HOUSE FURNACE - 200 KBTU
0981D32 PREV MAINT - OIL HOUSE FURNACE 200 KBTU
0981D33 REPLACE OIL HOUSE FURNACE - 200 KBTU
0981E00 HOUSE FURNACE (ELECTRIC)
0981E10 25 KBTU
0981E11 REPAIR ELECTRIC HOUSE FURNACE - 25 KBTU
0981E12 PREV MAINT-ELECT HOUSE FURNACE 25 KBTU
0981E13 REPLACE ELECT HOUSE FURNACE - 25 KBTU
0981E20 100 KBTU
0981E21 REPAIR ELECT HOUSE FURNACE - 100 KBTU
0981E22 PREV MAINT - ELECT HOUSE FURNACE 100KBTU
0981E23 REPLACE ELECT HOUSE FURNACE - 100 KBTU
0981E30 200 KBTU
0981E31 REPAIR ELECT HOUSE FURNACE - 200 KBTU
0981E32 PREV MAINT - ELECT HOUSE FURNACE 200KBTU
0981E33 REPLACE ELECT HOUSE FURNACE-200 KBTU
0981F00 RADIATOR, CAST IRON 10' SEC.
0981F01 REPLACE RADIATOR, CAST IRON 10' SEC
0981G00 RADIATOR, BASEBOARD 10' SEC.
0981G01 REPLACE RADIATOR, BASEBOARD 10' SEC
0981H00 RADIATOR, FINNED WALL 10' SEC.
0981H01 REPLACE WALL RADIATOR, FINNED 10' SEC
0981I00 EXPANSION TANK
0981I01 REFILL EXPANSION TANK
0981I02 REPLACE EXPANSION TANK
0981J00 STEAM CONVERTOR, <300,000
0981J10 STEAM CONVERTOR,<300,000
0981J11 REPAIR STEAM CONVERTOR < 300,000
0981J12 INSP FOR LEAKS-STEAM CONVERTOR < 300,000
0981J13 REPLACE STEAM CONVERTOR < 300,000
0981K00 FLASH TANK
0981K10 FLASH TANK
0981K11 REPAIR FLASH TANK
0981K12 PREVENTIVE MAINTENANCE ON FLASH TANK
0981K13 REPLACE FLASH TANK
0981L00 STORAGE TANK,DHW
0981L01 CLEAN AND SCRAPE-STORAGE TANK, DHW
0981L02 REPLACE STORAGE TANK, DHW
0981M00 INDUCTION FURNACE GAS/OIL
0981M10 INDUCTION FURNACE GAS/OIL 500 MBU
0981M11 REPAIR IND. FURNACE GAS/OIL 500 MBU
0981M12 MAINT INSPEC IND FURN GAS/OIL 500 MB
0981M13 EXTERNAL INSP IND FURN GAS/OIL 500 MBU
0981M14 CLEAN FIRE BOX IND FURN GAS/OIL 500 MBU
0981M15 REPLACE IND FURNACE GAS/OIL 500 MBU
0981M20 INDUCTION FURNACE GAS/OIL 2000 MBU

CACES DESCRIPTION

0981M21 REPAIR IND FURNACE GAS/OIL 2000 MBU
0981M22 MAINT INSPC.IND FURN GAS/OIL 2000 MBU
0981M23 EXTERNAL INSP IND FURN GAS/OIL 2000 MBU
0981M24 CLN FIRE BOX & COMP IND FURN G/O 2000MBU
0981M25 REPLACE IND FURNACE GAS/OIL 2000 MBU
0981N00 SURGE TANK 1000 GALLON
0981N01 REPLACE SURGE TANK, 1000 GALLON
0982000 FIXTURES, HEATING GENERATION
0983000 INTERCONNECTING PIPING SYSTEM, HEAT GEN.
0984000 DISTRIBUTION PIPING SYSTEM, HEAT GEN.
0984100 PIPE/FITTINGS
0984110 PIPE/FITTINGS, ST.&CP
0984111 M/R, REPAIR HOT WATER PIPE
0984112 REPLACE HOT WATER PIPE, 12' SE
0984120 PIPE/FITTINGS, COPPER
0984121 REPAIR SOLDER JOINT-PIPE/FITTINGS,COPPER
0984122 REPLACE HOT WATER PIPE, COPPER, 12' SE
0984130 PIPE AND FITTINGS, PVC
0984131 UNCLOG FLOOR DRAIN-PIPE & FITTINGS, PVC
0984132 UNCLOG MAIN DRAIN-PIPE & FITTINGS, PVC
0984133 REPLACE PIPE & FITTINGS,PVC
0984140 PIPE INSULATION
0984141 REPAIR BROKEN PIPE INSULATION
0984142 REPLACE BROKEN PIPE INSULATION
0984200 GATE VALVE
0984210 GATE VALVE,3/8"-1 1/2"
0984211 REPACK GATE VALVE GLAND, 3/8" - 1 1/2"
0984212 REPLACE GATE VALVE, 3/8" - 1 1/2"
0984220 GATE VALVE, 2"-3"
0984221 REPACK GATE VALVE GLAND, 2"-3"
0984222 REPLACE GATE VALVE, 2"-3"
0984280 DRAIN VALVE
0984281 M/R, REPACK DRAIN VALVE GLAND
0984282 REPLACE DRAIN VALVE STEM ASSEMBLY
0984283 REPLACE/ REPLACE DRAIN VALVE
0984290 RADIATOR VALVE 1"
0984291 REPLACE RADIATOR VALVE 1"
09842A0 PRESSURE REDUCER VALVE 2"
09842A1 REPLACE PRESSURE REDUCER VALVE 2"
0984300 PIPE INSULATION
0984370 STEAM TRAP,F&T<1"
0984371 REPAIR STEAM TRAP, F&T < 1"
0984372 PREVENTIVE MAINT ON STEAM TRAP, F&T < 1"
0984373 REPLACE STEAM TRAP, F&T < 1"
09843A0 AIR SEPARATOR
09843A1 REPAIR BROKEN INSULATION - AIR SEPARATOR
09843A2 REPLACE INSULATION - AIR SEPARATOR
0984400 CIRCULATOR PUMP
0984410 CIRCULATOR PUMP, <1HP
0984411 REPAIR CIRCULATION PUMP, < 1HP
0984412 PREV MAINT ON CIRCULATOR PUMP, < 1HP
0984413 REPLACE CIRCULATOR PUMP, < 1HP
0984420 CIRCULATION PUMP 5 HP
0984421 REPAIR CIRCULATION PUMP - 5HP
0984422 PREV MAINT - CIRCULATION PUMP 5HP

CACES DESCRIPTION

0984423 REPLACE CIRCULATION PUMP 5 HP
0984460 COND. RCVR.,10-15 GAL.
0984461 REPAIR CONDENSATE RECEIVER, 10-15 GALLON
0984462 REPAIR CONDENSATE RECEIVER,MOT 10-15 GAL
0984463 PREV MAINT ON CONDENSATE RCVR, 10-15 GAL
0984464 REPLACE CONDENSATE RECEIVER, 10-15 GAL
0985000 HVAC VALVES, HEATING GENERATION

0990000 COOLING GENERATION SYSTEMS
0991000 EQUIPMENT, COOLING GERNERATION
0991100 A/C DX PACKAGED
0991110 5 TONS
0991111 REPAIR A/C DX PACKAGED - 5 TONS
0991112 PREV MAINT - A/C DX PACKAGED 5 TONS
0991113 REPLACE A/C DX PACKAGED - 5 TONS
0991120 20 TONS
0991121 REPAIR A/C DX PACKAGED - 20 TONS
0991122 PREV MAINT - A/C DX PACKAGED 20 TONS
0991123 REPLACE A/C DX PACKAGED - 20 TONS
0991130 50 TONS
0991131 REPAIR A/C DX PACKAGED - 50 TONS
0991132 PREV MAINT - A/C DX PACKAGED 50 TONS
0991133 REPLACE A/C DX PACKAGED - 50 TONS
0991200 A/C WINDOW
0991210 1 TON
0991211 REPAIR A/C WINDOW - 1 TON
0991212 PREV MAINT - A/C WINDOW 1 TON
0991213 REPLACE A/C WINDOW - 1 TON
0991220 2 TONS
0991221 REPAIR A/C WINDOW - 2 TONS
0991222 PREVENTIVE MAINT - A/C WINDOW 2 TONS
0991223 REPLACE A/C WINDOW - 2 TONS
0991300 A/C PAD MOUNTED
0991310 AIR CONDITIONER PAD MOUNT. 5 TON
0991311 REPAIR A/C PAD MOUNT. 5 TONS
0991312 PREV MAINT - A/C PAD MOUNT. 5 TONS
0991313 REPLACE A/C PAD MOUNT 5 TONS
0991320 AIR CONDITIONER PAD MOUNT. 20 TON
0991321 REPAIR A/C PAD MOUNT. 20 TONS
0991322 PREV MAINT A/C PAD MOUNT 20 TONS
0991323 REPLACE A/C PAD MOUNT 20 TONS
0991400 CHILLERS ACH RECIP
0991410 20 TONS
0991411 REPAIR HERMETIC CHILLER - 20 TONS
0991412 PREV MAINT - HERMETIC CHILLER 20 TONS
0991413 REPLACE HERMETIC CHILLER - 20 TONS
0991420 50 TONS
0991421 REPAIR HERMETIC CHILLER - 50 TONS
0991422 PREV MAINT - HERMETIC CHILLER 50 TONS
0991423 REPLACE HERMETIC CHILLER - 50 TONS
0991430 100 TONS
0991431 REPAIR HERMETIC CHILLER - 100 TONS
0991432 PREV MAINT - HERMETIC CHILLER 100 TONS
0991433 REPLACE HERMETIC CHILLER - 100 TONS
0991440 CHILLER-AIR COOL RECIP. 5T
0991441 REPR HERMET CHILL-CHILL AIR COOL RECIP5T

CACES DESCRIPTION

0991442 PREVENT MAINT CHILLER-AIR COOL RECPT 5T
0991443 REPLACE CHILLER-CHILLER-AIR COOL RECP5T
0991450 CHILLER AIR COOL REC 10T
0991451 REPR HERMET CHILL-CHILL AIR COOL REC10T
0991452 PREVNT MAINT CHLLER AIR COOL REC 10T
0991453 REPLACE CHLLER-CHLLER AIR COOL REC 10T
0991460 CHILLER AIR COOL REC 15T
0991461 REPR HERMET CHLLR-CHLLR AIR COOL REC 15T
0991462 PREVENT MAINT-CHILLR AIR COOL REC 15T
0991463 REPLACE CHILLER-CHILLER AIR COOL REC 15T
0991500 CHILLERS WCH RECIP.
0991510 20 TONS
0991511 REPAIR HERMET CHILLER-WCH RECIP 20 TONS
0991512 PREV MAINT HERM CHILLER WCH RECIP 20TONS
0991513 REPL HERMET CHILLERS WCH RECIP - 20 TONS
0991520 50 TONS
0991521 REPAIR HERMET CHILLER WCH RECIP 50 TONS
0991522 PREV MAINT HER CHILLER WCH RECIP 50 TONS
0991523 REPLACE HERMET CHILLER WCH RECIP 50 TONS
0991530 100 TONS
0991531 REPAIR HERMET CHILLER WCH RECIP 100 TONS
0991532 PREV MAINT-HERMET CHILLER WCH REC 100TON
0991533 REPLACE HERMET CHILLER WCH RECIP 100TONS
0991540 CHILLER WATER COOL RECIP 10T
0991541 REPR HERMET CHILLR-CHILL WAT COOL REC10T
0991542 PREVENT MAINT-CHILLR WATER COOL RECP 10T
0991543 REPL CHILLR-CHILLR WATER COOL RECP 10T
0991550 CHILLER WATER COOL RECP 200T
0991551 REPR HERMET CHLLER-CHILLR WAT COOL 200T
0991552 PREVENT MAINT-CHLLER WATER COOL REC 200T
0991553 REPLACE CHLLER-CHLLER WATER COOL REC200T
0991600 CHILLERS HERMETIC CENT.
0991610 100 TONS
0991611 REPAIR CHILLER HERMETIC CENT 100 TONS
0991612 PREV MAINT - CHILLER HERMETIC CENT 100 T
0991613 REPLACE CHILLER HERMETIC CENT 100 TONS
0991620 300 TONS
0991621 REPAIR CHILLER HERMETIC CENT 300 TONS
0991622 PREV MAINT - CHILLER HERMET CENT 300 TON
0991623 REPLACE CHILLER HERMET CENT 300 TONS
0991630 900 TONS
0991631 REPAIR CHILLER HERMETIC CENT 900 TONS
0991632 PREV MAINT - CHILLER HERMET CENT 900TONS
0991633 REPLACE CHILLER HERMET CENT 900 TONS
0991700 CHILLERS OPEN CENTRIFUGAL
0991710 300 TONS
0991711 REPAIR CHILLER OPEN CENTRIFUGAL 300 TONS
0991712 PREV MAINT-CHILLER OPEN CENT 300 TONS
0991713 REPLACE CHILLER OPEN CENT 300 TONS
0991720 900 TONS
0991721 REPAIR CHILLER OPEN CENT 900 TONS
0991722 PREV MAINT - CHILLER OPEN CENT 900 TONS
0991723 REPLACE CHILLER OPEN CENT 900 TONS
0991800 CHILLERS DOUBLE BUN HERMETIC
0991810 100 TONS

CACES DESCRIPTION

0991811 REPAIR CHILLER COUBLE BUN HERMET 100TONS
0991812 PREV MAINT-CHILLR DOUBLE BUN HERMET 100T
0991813 REPLACE CHILLER DOUBLE BUN HERMET 100 T
0991820 300 TONS
0991821 REPAIR CHILLER DOUBLE BUN HERMET 300 TNS
0991822 PREV MAINT-CHILLER DOUBLE BUN HERMET300T
0991823 REPLACE CHILLER DOUBLE BUN HERMET 300 T
0991830 900 TONS
0991831 REPAIR CHILLER DOUBLE BUN HERMET 900 TON
0991832 PREV MAINT-CHILLER DOUBLE BUN HERMET 900
0991833 REPLACE CHILLER DOUBLE BUN HERMET 900TON
0991900 CHILLERS ONE STAGE ABSORBER
0991910 100 TONS
0991911 REPAIR CHILLER ONE STAGE ABSORBER 100T
0991912 PREV MAINT-CHILR ONE STAGE ABSORBER 100T
0991913 REPLACE CHILLER ONE STAGE ABSORBER 100T
0991920 300 TONS
0991921 REPAIR CHILLER ONE STAGE ABSORBER 300T
0991922 PREV MAINT-CHILLER ONE STAGE ABSORBER300
0991923 REPLACE CHILLER ONE STAGE ABSORBER 300T
0991930 900 TONS
0991931 REPAIR CHILLER ONE STAGE ABSORBER 900 T
0991932 PREV MAINT-CHILLER ONE STAGE ABSORBER900
0991933 REPLACE CHILLER ONE STAGE ABSORBER 900T
0991A00 CHILLERS TWO STAGE ABSORBER
0991A10 300 TONS
0991A11 REPAIR CHILLER 2 STAGE ABSORBER 300 TONS
0991A12 PREV MAINT-CHILLER 2 STAGE ABSORBER 300T
0991A13 REPLACE CHILLER 2 STAGE ABSORBER 300 TON
0991A20 900 TONS
0991A21 REPAIR CHILLER 2 STAGE ABSORBER 900 TONS
0991A22 PREV MAINT-CHILLER 2 STAGE ABSORBER 900T
0991A23 REPLACE CHILLER 2 STAGE ABSORBER 900TONS
0991B00 HEAT REJECTION SYSTMS AIRCOOLED CONDENSR
0991B10 5 TONS
0991B11 REPAIR AIR COOLED CONDENSER 5 TONS
0991B12 PREV MAINT - AIR COOLED CONDENSER 5 TONS
0991B13 REPLACE AIR COOLED CONDENSER - 5 TONS
0991B20 20 TONS
0991B21 REPAIR AIR COOLED CONDENSER - 20 TONS
0991B22 PREV MAINT - AIR COOLED CONDENSER 20 TON
0991B23 REPLACE AIR COOLED CONDENSER - 20 TONS
0991B30 50 TONS
0991B31 REPAIR AIR COOLED CONDENSER - 50 TONS
0991B32 PREV MAINT - AIR COOLED CONDENSER 50 TON
0991B33 REPLACE AIR COOLED CONDENSER - 50 TONS
0991B40 AIR COOLED CONDENSER 100T
0991B41 REPAIR CONDENSR-AIR COOL CONDENSR 100T
0991B42 PREVENT MAINT-AIR COOL CONDENSR 100T
0991B43 REPLACE CONDENSR-AIR COOL CONDNSR 100T
0991C00 HEAT REJECTION SYSTEMS COOLING TOWER
0991C10 50 TONS
0991C11 REPAIR COOLING TOWER - 50 TONS
0991C12 PREV MAINT - COOLING TOWER 50 TONS
0991C13 REPLACE COOLING TOWER - 50 TONS

CACES DESCRIPTION

0991C20 100 TONS
0991C21 REPAIR COOLING TOWER - 100 TONS
0991C22 PREV MAINT - COOLING TOWER 100 TONS
0991C23 REPLACE COOLING TOWER - 100 TONS
0991C30 300 TONS
0991C31 REPAIR COOLING TOWER - 300 TONS
0991C32 PREV MAINT - COOLING TOWER 300 TONS
0991C33 REPLACE COOLING TOWER - 300 TONS
0991C40 900 TONS
0991C41 REPAIR COOLING TOWER - 900 TONS
0991C42 PREV MAINT - COOLING TOWER 900 TONS
0991C43 REPLACE COOLING TOWER - 900 TONS
0991D00 HEAT REJECTION SYSTEMS EVAPORATIVE COND
0991D10 20 TONS
0991D11 REPAIR EVAPORATIVE CONDENSER - 20 TONS
0991D12 PREV MAINT EVAPORATIVE CONDENSER 20 TONS
0991D13 REPLACE EVAPORATIVE CONDENSER - 20 TONS
0991D20 100 TONS
0991D21 REPAIR EVAPORATIVE CONDENSER 100 TONS
0991D22 PREV MAINT - EVAPORATIVE CONDENSER 100 T
0991D23 REPLACE EVAPORATIVE CONDENSER 100 TONS
0991D30 300 TONS
0991D31 REPAIR EVAPORATIVE CONDENSER 300 TONS
0991D32 PREV MAINT - EVAPORATIVE CONDENSER 300T
0991D33 REPLACE EVAPORATIVE CONDENSER 300 TONS
0991E00 EXPANSION TANK
0991E01 REFILL EXPANSION TANK
0991E02 REPLACE/ REPLACE EXPANSION TANK
0991F00 REFIRGERATION FAN COILS
0991F10 REFRIGERATION FAN COIL 1T
0991F11 REPAIR FAN COIL UNIT-REFRIG FAN COIL 1T
0991F12 PREVENT MAINT- REFRIG FAN COIL 1T
0991F13 REPLACE FAN COIL UNIT-REFRIG FAN COIL 1T
0991F20 REFRIGERATION FAN COIL 3T
0991F21 REPAIR FAN COIL UNIT-REFRIG FAN COIL 3T
0991F22 PREVENT MAINT-REFRIG FAN COIL 3T
0991F25 REPLACE FAN COIL-REFRIG FAN COIL 3T
0991F30 REFRIGERATION FAN COIL 5T
0991F31 REPAIR FAN COIL UNIT-REFRIG FAN COIL 5T
0991F32 PREVENT MAINT-REFRIG FAN COIL 5T
0991F33 REPLACE FAN UNIT-REFRIG FAN COIL 5T
0992000 FIXTURES, COOLING GENERATION
0993000 INTERCONNECTING PIPING SYSTEMS, COOL GEN
0994000 DISTRIBUTION PIPING SYSTEMS COOL GEN.
0994100 PIPE/FITTINGS
0994110 PIPE/FITTINGS, ST.&CI.
0994111 M/R, REPAIR CHILLED WATER PIPE
0994112 REPLACE/ REPLACE CHILLED WATER PIPE,12'S
0994120 PIPE/FITTINGS, COPPER
0994121 M/R, REPAIR SOLDER JOINT
0994122 REPLACE/ REPLACE CHILLED WATER PIPE,12'S
0994130 PIPE AND FITTINGS, PVC
0994131 UNCLOG FLOOR DRAIN-PIPE & FITTINGS, PVC
0994132 UNCLOG MAIN DRAIN-PIPE & FITTINGS,PVC
0994133 REPLACE PIPE AND FITTINGS, PVC

CACES DESCRIPTION

0994200 GATE VALVE
0994210 GATE VALVE,3/8"-1 1/2"
0994211 REPACK GATE VALVE GLAND, 3/8" - 1 1/2"
0994212 REPLACE GATE VALVE, 3/8" - 1 1/2"
0994220 GATE VALVE, 2"-3"
0994221 REPACK GATE VALVE GLAND, 2"-3"
0994222 REPLACE GATE VALVE, 2"-3"
0994280 DRAIN VALVE
0994281 REPACK DRAIN VALVE GLAND
0994282 REPLACE DRAIN VALVE STEM ASSEMBLY
0994283 REPLACE DRAIN VALVE
0994300 COLLING GENERATION
0994340 PIPE INSULATION
0994341 M/R REPAIR BROKEN PIPE INSULATION
0994342 REPLACE PIPE INSULATION
0994400 CIRCULATION PUMP
0994410 CIRC. PUMP 1/12-1/2 H.P.
0994411 REPAIR CIRC. PUMP
0994412 PREV MAINT ON CIRC PUMP, 1/12-1/2 HP
0994413 REPLACE CIRCULATION PUMP 1/12-1/2 HP
0994420 CIRCULATION PUMP 5 H.P.
0994421 REPAIR CIRCULATION PUMP 5 HP.
0994422 PREVENTIVE MAINT.CIRC.PUMP 5HP
0994423 REPLACE CIRC. PUMP 5 HP.

09A0000 HEATING AND COOLING GENERATION SYSTEMS
09A1000 EQUIPMENT, H & C
09A1100 MULTI-ZONE
09A1110 6500 CFM
09A1111 REPAIR MULTI-ZONE UNIT, 6500 CFM
09A1112 PREV MAINT ANNUAL-MULTI-ZONE 65000 CFM
09A1113 PREV MAINT REPL FLTRS-MULTI ZONE 6500CFM
09A1114 REPLACE MULTI-ZONE UNIT 6500 CFM
09A1120 10000 CFM
09A1121 REPAIR MULTI-ZONE UNIT 10000 CFM
09A1122 PREV MAINT ANNUAL - MULTI-ZONE 10000 CFM
09A1123 PREV MAINT REPL FLTRS - MULTI-ZONE 10000
09A1124 REPLACE MULTI-ZONE UNIT 10000 CFM
09A1130 25000 CFM
09A1131 REPAIR MULTI-ZONE 25,000 CFM UNIT
09A1132 PREV MAINT ANNUAL- MULTI-ZONE 25000 CFM
09A1133 PREV MAINT REPL FLTRS - MULTI-ZONE 25000
09A1134 REPLACE MULTI-ZONE UNIT 25000 CFM
09A1140 50000 CFM
09A1141 REPAIR MULTI-ZONE UNIT 50000 CFM
09A1142 PREV MAINT ANNUAL - MULTI-ZONE 50000 CFM
09A1143 PREV MAINT REPL FLTRS - MULTI-ZONE 50000
09A1144 REPLACE MULTI-ZONE UNIT 50000 CFM
09A1150 MULTI-ZONE 2500 CFM
09A1151 REPAIR MULTI-ZONE UNIT- 2500 CFM
09A1152 PREVENT MAINT-MULTI ZONE 2500 CFM
09A1153 REPLACE FILTERS - MULTI-ZONE 2500 CFM
09A1154 REPLACE MULTI ZONE UNIT-2500 CFM
09A1200 DUAL DUCT
09A1210 6500 CFM
09A1211 REPAIR DUAL DUCT UNIT 6500 CFM

CACES	DESCRIPTION
09A1212	PREV MAINT ANNUAL - DUAL DUCT 6500 CFM
09A1213	PREV MAINT REPL FLTRS - DUAL DUCT 6500
09A1214	REPLACE DUAL DUCT UNIT - 6500 CFM
09A1220	10000 CFM
09A1221	REPAIR DUAL DUCT UNIT - 10000 CFM
09A1222	PREV MAINT ANNUAL-DUAL DUCT 10000 CFM
09A1223	PREV MAINT REPL FLTRS - DUAL DUCT 10000
09A1224	REPLACE DUAL DUCT UNIT - 10000 CFM
09A1230	25000 CFM
09A1231	REPAIR DUAL DUCT UNIT - 25000 CFM
09A1232	PREV MAINT ANNUAL - DUAL DUCT 25000 CFM
09A1233	PREV MAINT REPL FLTRS - DUAL DUCT 25000
09A1234	REPLACE DUAL DUCT UNIT - 25000 CFM
09A1240	50000 CFM
09A1241	REPAIR DUAL DUCT UNIT - 50000 CFM
09A1242	PREV MAINT ANNUAL - 50000 CFM
09A1243	PREV MAINT REPL FLTRS - DUAL DUCT 50000
09A1244	REPLACE DUAL DUCT UNIT - 50000 CFM
09A1300	THREE DECK MULTI-ZONE
09A1310	6500 CFM
09A1311	REPAIR 3-DECK MULTI-ZONE UNIT - 6500 CFM
09A1312	PREV MAINT ANNUAL- 3-DECK MULTI-ZONE6500
09A1313	PREV MAINT REPL FLTRS-3DECK MLT-Z 6500
09A1314	REPLACE 3DECK MULTI-ZONE UNIT - 6500 CFM
09A1320	10000 CFM
09A1321	REPAIR 3DECK MULTI-ZONE UNIT - 10000 CFM
09A1322	PREV MAINT ANNUAL-3DECK MULTI-Z 10000CFM
09A1323	PREV MAINT REPL FLTRS-3DECK MULT-Z 10000
09A1324	REPLACE 3DECK MULTI-ZONE UNIT - 10000CFM
09A1330	25000 CFM
09A1331	REPAIR 3DECK MULTI-ZONE UNIT - 25000 CFM
09A1332	PREV MAINT ANNUAL-3DECK MULTI-Z 25000CFM
09A1333	PREV MAINT REPL FLTRS-3DECK MULTI-Z25000
09A1334	REPLACE 3DECK MULTI-ZONE UNIT - 25000CFM
09A1340	50000 CFM
09A1341	REPAIR 3DECK MULTI-ZONE UNIT - 50000 CFM
09A1342	PREV MAINT ANNUAL-3DECK MULTI-Z 50000CFM
09A1343	PREV MAINT REPL FLTRS-3DECK MULTI-Z50000
09A1344	REPLACE 3DECK MULTI-ZONE UNIT -50000 CFM
09A1400	DUAL DUCT VARIABLE VOLUME
09A1410	6500 CFM
09A1411	REPAIR DUAL DUCT VAR VOL SYSTS - 6500CFM
09A1412	PREV MAINT ANNUAL-DUAL DUCT VAR VOL 6500
09A1413	PREV MAINT REPL FLTRS-DL DUCT VAR 6500
09A1414	REPLACE DUAL DUCT VAR VOLUME 6500 CFM
09A1420	10000 CFM
09A1421	REPAIR DUAL DUCT VARIABLE VOLUME-10000
09A1422	PREV MAINT ANNUAL-DL DUCT VAR VOL 10000
09A1423	PREV MAINT REPL FLTRS-DL DUCT VAR 10000
09A1424	REPLACE DUAL DUCT VAR VOL-10000 CFM
09A1430	25000 CFM
09A1431	REPAIR DUAL DUCT VAR VOL UNIT - 25000CFM
09A1432	PREV MAINT ANNUAL-DUAL DUCT VAR VOL25000
09A1433	PREV MAINT ANNUAL-DUAL DUCT VAR VOL25000
09A1434	REPLACE DUAL DUCT VAR VOL UNIT-25000 CFM

CACES	DESCRIPTION
09A1440	50000 CFM
09A1441	REPAIR DUAL DUCT VAR VOL UNIT-50000 CFM
09A1442	PREV MAINT ANNUAL-DUAL DUCT VAR VOL50000
09A1443	PREV MAINT REPL FLTRS-DUAL DUCT VAR50000
09A1444	REPLACE DUAL DUCT VAR VOLUME -50000 CFM
09A1450	DUAL DUCT VARI. VOL. 100,000 CFM
09A1451	REPAIR DUAL DUCT VARI VOL UNIT 100000CFM
09A1452	PREV MAINT-DUAL DUCT VARI VOL 100000 CFM
09A1453	REPL FILTERS DUAL DUCT VAR VOL 100000CFM
09A1454	REPL DUAL DUCT VARI VOL UNIT 100000 CFM
09A1500	VARIABLE VOLUME
09A1510	6500 CFM
09A1511	REPAIR VARIABLE VOLUME UNIT - 6500 CFM
09A1512	PREV MAINT ANNUAL-VAR VOLUME 6500 CFM
09A1513	PREV MAINT REPL FLTRS-VAR VOL 6500 CFM
09A1514	REPLACE VARIABLE VOLUME UNIT - 6500 CFM
09A1520	10000 CFM
09A1521	REPAIR VARIABLE VOLUME UNIT - 10000 CFM
09A1522	PREV MAINT ANNUAL- VAR VOLUME 10000 CFM
09A1523	PREV MAINT REPL FLTRS-VAR VOL 10000 CFM
09A1524	REPLACE VARIABLE VOLUME UNIT - 10000 CFM
09A1530	25000 CFM
09A1531	REPAIR VARIABLE VOLUME UNIT - 25000 CFM
09A1532	PREV MAINT ANNUAL - VAR VOL 25000 CFM
09A1533	PREV MAINT REPL FLTRS- VAR VOL 25000 CFM
09A1534	REPLACE VARIABLE VOLUME UNIT - 25000 CFM
09A1540	50000 CFM
09A1541	REPAIR VARIABLE VOLUME UNIT - 50000 CFM
09A1542	PREV MAINT ANNUAL - VAR VOL 50000 CFM
09A1543	PREV MAINT REPL FLTRS- VAR VOL 50000 CFM
09A1544	REPLACE VARIABLE VOLUME UNIT - 50000 CFM
09A1600	TERM REHEAT
09A1610	6500 CFM
09A1611	REPAIR TERMINAL REHEAT UNIT - 6500 CFM
09A1612	PREV MAINT ANNUAL - TERM REHEAT 6500 CFM
09A1613	PREV MAINT REPL FLTRS - TERM REHEAT 6500
09A1614	REPLACE TERMINAL REHEAT UNIT - 6500 CFM
09A1620	10000 CFM
09A1621	REPAIR TERMINAL REHEAT UNIT - 10000 CFM
09A1622	PREV MAINT ANNUAL - TERM REHEAT 10000CFM
09A1623	PREV MAINT REPL FLTRS - TERM REHEAT10000
09A1624	REPLACE TERMINAL REHEAT UNIT - 10000 CFM
09A1630	25000 CFM
09A1631	REPAIR TERMINAL REHEAT UNIT - 25000 CFM
09A1632	PREV MAINT ANNUAL - TERM REHEAT 25000CFM
09A1633	PREV MAINT REPL FLTRS -TERM REHEAT 25000
09A1634	REPLACE TERMINAL REHEAT UNIT - 25000 CFM
09A1640	50000 CFM
09A1641	REPAIR TERMINAL REHEAT UNIT - 50000 CFM
09A1642	PREV MAINT ANNUAL - TERM REHEAT 50000CFM
09A1643	PREV MAINT REPL FLTRS -TERM REHEAT 50000
09A1644	REPLACE TERMINAL REHEAT UNIT - 50000 CFM
09A1700	TWO-PIPE INDUCTION
09A1710	6500 CFM
09A1711	REPAIR 2 PIPE INDUCTION UNIT - 6500 CFM

CACES	DESCRIPTION
09A1712	PREV MAINT ANNUAL-2PIPE INDUCT 6500 CFM
09A1713	PREV MAINT REPL FLTRS-2PIPE INDUCT 6500
09A1714	REPLACE 2 PIPE INDUCTION UNIT - 6500 CFM
09A1720	10000 CFM
09A1721	REPAIR 2 PIPE INDUCTION UNIT - 10000 CFM
09A1722	PREV MAINT ANNUAL-2PIPE INDUCT 10000 CFM
09A1723	PREV MAINT REPL FLTRS-2PIPE INDUCT 10000
09A1724	REPLACE 2 PIPE INDUCTION UNIT-10000 CFM
09A1730	25000 CFM
09A1731	REPAIR 2 PIPE INDUCTION UNITS -25000 CFM
09A1732	PREV MAINT ANNUAL-2PIPE INDUCT 25000 CFM
09A1733	PREV MAINT REPL FLTRS-2PIPE INDUC 25000
09A1734	REPLACE 2 PIPE INDUCTION UNIT-25000 CFM
09A1740	50000 CFM
09A1741	REPAIR 2 PIPE INDUCTION UNIT - 50000 CFM
09A1742	PREV MAINT ANNUAL-2PIPE INDUCT 50000 CFM
09A1743	PREV MAINT REPL FLTRS-2PIPE INDUCT 50000
09A1744	REPLACE 2 PIPE INDUCTION UNIT- 50000 CFM
09A1800	FOUR-PIPE INDUCTION
09A1810	6500 CFM
09A1811	REPAIR 4 PIPE INDUCTION UNIT - 6500 CFM
09A1812	PREV MAINT ANNUAL-4PIPE INDUCT 6500 CFM
09A1813	PREV MAINT REPL FLTRS-4PIPE INDUCT 6500
09A1814	REPLACE 4 PIPE INDUCTION UNIT - 6500 CFM
09A1820	10000 CFM
09A1821	REPAIR 4 PIPE INDUCTION UNIT - 10000 CFM
09A1822	PREV MAINT ANNUAL-4PIPE INDUCT 10000 CFM
09A1823	PREV MAINT REPL FLTRS-4PIPE INDUCT 10000
09A1824	REPLACE 4 PIPE INDUCTION UNIT- 10000 CFM
09A1830	25000 CFM
09A1831	REPAIR 4 PIPE INDUCTION UNIT - 25000 CFM
09A1832	PREV MAINT ANNUAL-4PIPE INDUCT 25000 CFM
09A1833	PREV MAINT REPL FLTRS-4PIPE INDUCT 25000
09A1834	REPLACE 4 PIPE INDUCTION UNIT - 25000CFM
09A1840	50000 CFM
09A1841	REPAIR 4 PIPE INDUCTION UNIT - 50000 CFM
09A1842	PREV MAINT ANNUAL-4PIPE INDUCT 50000 CFM
09A1843	PREV MAINT REPL FLTRS-4PIPE INDUCT 50000
09A1844	REPLACE 4 PIPE INDUCTION UNIT - 50000CFM
09A1900	TWO-PIPE FAN COIL
09A1910	200 CFM
09A1911	REPAIR 2 PIPE FAN COIL UNIT - 200 CFM
09A1912	PREV MAINT CLEAN COIL - 2PIPE FAN 200CFM
09A1913	PREV MAINT REPL FLTRS-2PIPE FAN COIL 200
09A1914	REPLACE 2 PIPE FAN COIL UNIT - 200 CFM
09A1920	400 CFM
09A1921	REPAIR 2 PIPE FAN COIL UNIT - 400 CFM
09A1922	PREV MAINT CLEAN COIL-2PIPE FAN 400 CFM
09A1923	PREV MAINT REPL FLTRS-2 PIPE FAN 400 CFM
09A1924	REPLACE 2 PIPE FAN COIL UNIT - 400 CFM
09A1930	600 CFM
09A1931	REPAIR 2PIPE FAN COIL UNIT - 600 CFM
09A1932	PREV MAINT CLEAN COIL-2 PIPE FAN 600 CFM
09A1933	PREV MAINT REPL FLTRS- 2 PIPE FAN 600CFM
09A1934	REPLACE 2 PIPE FAN COIL UNIT - 600 CFM

CACES	DESCRIPTION
09A1940	1200 CFM
09A1941	REPAIR 2 PIPE FAN COIL UNIT - 1200 CFM
09A1942	PREV MAINT CLEAN COIL- 2 PIPE FAN 1200
09A1943	PREV MAINT REPL FLTRS- 2PIPE FAN 1200CFM
09A1944	REPLACE 2 PIPE FAN UNIT - 1200 CFM
09A1A00	FOUR-PIPE FAN-COIL
09A1A10	200 CFM
09A1A11	REPAIR 4 PIPE FAN COIL UNIT - 200 CFM
09A1A12	PREV MAINT CLEAN COIL - 4PIPE FAN 200CFM
09A1A13	PREV MAINT REPL FLTRS- 4 PIPE FAN 200CFM
09A1A14	REPLACE 4 PIPE FAN COIL UNIT - 200 CFM
09A1A20	400 CFM
09A1A21	REPAIR 4 PIPE FAN COIL UNIT - 400 CFM
09A1A22	PREV MAINT CLEAN COIL-4 PIPE FAN 400 CFM
09A1A23	PREV MAINT REPL FLTRS-4 PIPE FAN 400 CFM
09A1A24	REPLACE 4 PIPE FAN COIL UNIT - 400 CFM
09A1A30	600 CFM
09A1A31	REPAIR 4 PIPE FAN COIL UNIT - 600 CFM
09A1A32	PREV MAINT CLEAN COIL-4 PIPE FAN 600 CFM
09A1A33	PREV MAINT REPL FLTRS-4 PIPE FAN 600 CFM
09A1A34	REPLACE 4 PIPE FAN COIL UNIT - 600 CFM
09A1A40	1200 CFM
09A1A41	REPAIR 4 PIPE FAN COIL UNIT - 1200 CFM
09A1A42	PREV MAINT CLEAN COIL-4 PIPE FAN 1200CFM
09A1A43	PREV MAINT REPL FLTRS-4 PIPE FAN 1200CFM
09A1A44	REPLACE 4 PIPE FAN COIL UNIT - 1200 CFM
09A1B00	UNIT-VENT
09A1B10	400 CFM
09A1B11	REPAIR UNIT VENT - 400 CFM
09A1B12	PREV MAINT - UNIT VENT 400 CFM
09A1B13	REPLACE UNIT VENT - 400 CFM
09A1B20	1200 CFM
09A1B21	REPAIR UNIT VENT - 1200 CFM
09A1B22	PREV MAINT - UNIT VENT 1200 CFM
09A1B23	REPLACE UNIT VENT - 1200 CFM
09A1C00	SINGLE-ZONE DRAW THRU
09A1C10	6500 CFM
09A1C11	REPAIR SINGLE ZONE DRAW-THRU - 6500 CFM
09A1C12	PREV MAINT ANNUAL-SINGLE Z DRAW THRU6500
09A1C13	PREV MAINT REPL FLTRS-SINGLE Z DRAW 6500
09A1C14	REPLACE SINGLE ZONE DRAW-THRU - 6500 CFM
09A1C20	10000 CFM
09A1C21	REPAIR SINGLE ZONE DRAW-THRU - 10000 CFM
09A1C22	PREV MAINT ANN-SINGLE Z DRAW THRU 10000
09A1C23	PREV MAINT REPL FLTRS-SINGLE Z DRAW1[illegible]000
09A1C24	REPLACE SINGLE ZONE DRAW-THRU - 10000CFM
09A1C30	25000 CFM
09A1C31	REPAIR SINGLE ZONE DRAW THRU - 25000 CFM
09A1C32	PREV MAINT ANN-SINGLE Z DRAW THRU 25000
09A1C33	PREV MAINT REPL FLTRS-SINGLE Z DRAW25000
09A1C34	REPLACE SINGLE ZONE DRAW THRU - 25000CFM
09A1C40	50000 CFM
09A1C41	REPAIR SINGLE ZONE DRAW THRU - 50000 CFM
09A1C42	PREV MAINT ANN-SINGLE Z DRAW THRU 50000
09A1C43	PREV MAINT REPL FLTRS-SINGLE Z D T 50000

CACES DESCRIPTION

09A1C44 REPLACE SINGLE ZONE DRAW THRU - 50000CFM
09A1C50 SINGLE ZONE DRAW THRU 1000 CFM
09A1C51 REPAIR SINGLE ZONE DRAW THRU 1000 CFM
09A1C52 PREVENT MAINT SGL ZONE DRAW THRU 1000CFM
09A1C53 REPL FILTER SGL ZONE DRAW THRU 1000 CFM
09A1C54 REPLACE SINGLE ZONE DRAW THRU 1000 CFM
09A1C60 SINGLE-ZONE DRAW THRU 2500 CFM
09A1C61 REPAIR SINGLE ZONE DRAW THRU 2500 CFM
09A1C62 PREV MAINT SINGLE ZONE DRAW THRU 2500CFM
09A1C63 REPL FILTER SINGL ZONE DRAW THRU 2500CFM
09A1C64 REPLACE SINGLE ZONE DRAW THRU 2500 CFM
09A1D00 UNIT HEATER
09A1D10 400 CFM
09A1D11 REPAIR UNIT HEATER - 400 CFM
09A1D12 PREV MAINT - UNIT HEATER 400 CFM
09A1D13 REPLACE UNIT HEATER - 400 CFM
09A1D20 1200 CFM
09A1D21 REPAIR UNIT HEATER - 1200 CFM
09A1D22 PREV MAINT - UNIT HEATER 1200 CFM
09A1D23 REPLACE UNIT HEATER - 1200 CFM
09A1D30 UNIT HEATER 4000 CFM
09A1D31 REPAIR UNIT HEATER 4000 CFM
09A1D32 PREVENT MAINT UNIT HEATER 4000 CFM
09A1D33 REPLACE UNIT HEATER 4000 CFM
09A1D40 UNIT HEATER 8000 CFM
09A1D41 REPAIR UNIT HEATER 8000 CFM
09A1D42 PREVENT MAINT UNIT HEATER 8000 CFM
09A1D43 REPLACE UNIT HEATER 8000 CFM
09A1D50 GAS FIRED RADIANT HEATER 50 MBH
09A1D51 PREVEN MAINT GAS FIRE RADIANT HEAT 50MBH
09A1D52 REPLACE GAS FIRED RAD HEAT 50 MBH
09A1E00 HEAT PUMP
09A1E10 HEAT PUMP 5 TONS
09A1E11 REPAIR HEAT PUMP - 5 TONS
09A1E12 PREV MAINT - HEAT PUMP 5 TONS
09A1E13 REPLACE HEAT PUMP - 5 TONS
09A1E20 HEAT PUMP 10 TONS
09A1E21 REPAIR HEAT PUMP - 10 TONS
09A1E22 PREV MAINT - HEAT PUMP 10 TONS
09A1E23 REPLACE HEAT PUMP - 10 TONS
09A1E30 HEAT PUMP 25 TONS
09A1E31 REPAIR HEAT PUMP - 25 TONS
09A1E32 PREV MAINT - HEAT PUMP 25 TONS
09A1E33 REPLACE HEAT PUMP - 25 TONS
09A1E40 HEAT PUMP 1T
09A1E41 REPAIR HEAT PUMP 1T THRU-WALL UNIT
09A1E42 PREVENT MAINT HEAT PUMP 1T
09A1E43 REPLACE HEAT PUMP 1T THRU-WALL UNIT
09A1G00 DUCTCOIL 1-ROW HOT WATER
09A1G10 DUCTCOIL 1-ROW H.W. 12X24
09A1G11 CLEAN COIL-DUCTCOIL 1-ROW H.W. 12 X 24
09A1G12 REPLACE COIL-DUCTCOIL 1-ROW H.W.12 X 24
09A2000 FIXTURES, H & C
09A3000 DISTRIBUTION SYSTEMS, H & C

09B0000 VENTILATION SYSTEMS

CACES DESCRIPTION

09B1000 EQUIPMENT, VENTILATION SYS.
09B2000 FIXTURES, VENTILATION SYS.
09B2100 FORCE DRAFT FANS
09B2110 FORCE DRAFT FAN 10,000 CFM
09B2111 REPAIR FAN-FORCE DRAFT FAN 10,000 CFM
09B2112 PREVENT MAINT-FORCE DRAFT FAN 10000 CFM
09B2113 REPL FAN-FORCE DRAFT FAN 10,000 CFM
09B2120 IND DRAFT FAN 10,000 CFM
09B2121 REPAIR FAN-IND DRAFT FAN 10,000 CFM
09B2122 PREVENT MAINT IND FAN 10,000 CFM
09B2123 REPLACE IND DRAFT FAN 10,000 CFM
09B3000 DISTRIBUTION SYSTEMS, VENT. SYS.

09C0000 EXHAUST SYSTEMS
09C1000 EQUIPMENT, EXHAUST SYS.
09C1100 EXHAUST FAN
09C1110 EXHAUST FAN 200 CFM
09C1111 REPLACE FAN AND MOTOR - 200 CFM
09C1112 PREV MAINT CLEANING - EXHAUST FAN 200CFM
09C1113 REPLACE UNIT - EXHAUST FAN 200 CFM
09C1120 EXHAUST FAN 1000 CFM
09C1121 REPAIR EXHAUST FAN - 1000 CFM
09C1122 PREV MAINT - EXHAUST FAN 1000 CFM
09C1123 REPLACE ROOF MOUNTED EXHAUST FAN-1000CFM
09C1130 EXHAUST FAN 10000 CFM
09C1131 REPAIR EXHAUST FAN 10000 CFM
09C1132 PREVENTIVE MAINT. EXHAUST FAN 10000 CFM
09C1133 REPLACE EXHAUST FAN 10000 CFM
09C1140 EXHAUST FAN 25000 CFM
09C1141 REPAIR EXHAUST FAN 25000 CFM
09C1142 PREVENTIVE MAINT. EXHAUST FAN 25000 CFM
09C1143 REPLACE EXHAUST FAN 25000 CFM
09C1150 EXHAUST FAN 50000 CFM
09C1151 REPAIR EXHAUST FAN 50000 CFM
09C1152 PREVENTIVE MAINT. EXHAUST FAN 50000 CFM
09C1153 REPLACE EXHAUST FAN 50000 CFM
09C1160 EXHAUST FAN, 5000 CFM
09C1161 REPAIR FAN, EXHAUST FAN 5000 CFM
09C1162 PREVENT MAINT EXHAUST FAN 5000 CFM
09C1163 REPLACE ROOF MOUNTED EXHAUST FAN-5000CFM
09C1200 AIR CURTAIN
09C1210 AIR CURTAIN, 1000 CFM
09C1211 REPLACE FAN & MOTOR AIR CURAIN, 1000 CFM
09C1212 PREVENT MAINT-AIR CURTAIN, 1000 CFM
09C1213 REPLACE UNIT-AIR CURTAIN, 1000 CFM
09C2000 FIXTURES, EXHAUST SYS.
09C2100 METAL FLUE/CHIMNEY
09C2101 REPLACE METAL FLUE
09C3000 DISTRIBUTION SYSTEMS, EXHAUST SYS.

09D0000 SPECIAL SYSTEMS
09D1000 CLEAN ROOMS
09D2000 RF SHIELDING
09D3000 PAINT SPRAY BOOTHS
09D4000 SPECIAL AIR FILTRATION
09D5000 HUMIDITY CONTROL SYSTEMS
09D5100 ROOM HUMIDIFIER, FLOOR TYPE

CACES DESCRIPTION

09D5101 REPAIR ROOM HUMIDIFIER, FLOOR TYPE
09D5102 PREV MAINT CLEANING-RM HUMIDIFIER,FLOOR
09D5103 REPLACE ROOM HUMIDIFIER, FLOOR TYPE
09D6000 OTHER

09E0000 CONTROLS AND INSTRUMENTATION
09E1000 DEVICES
09E1100 THERMOSTATS/PNEUMATICS
09E1110 THERMOSTATS/PNEUMATICS
09E1111 PREVENTIVE MAINTENANCE
09E1112 REPLACE PNEUMATIC THERMOSTAT
09E1120 HUMIDITY SENSOR
09E1121 PREVENT MAINT HUMIDISTAT
09E1122 REPLACE HUMIDISTAT
09E1130 FLOW SENSOR
09E1131 PREVENT MAINT WATER FLOW SENSOR
09E1132 REPLACE FLOW SENSOR
09E1140 RADIATION SENSOR
09E1141 PREVENT MAINT RADIATION SENSOR
09E1142 REPLACE RADIATION SENSOR
09E1150 WIND VELOCITY SENSOR
09E1151 PREVENT MAINT WIND VELOCITY SENSOR
09E1152 REPLACE WIND VELOCITY SENSOR
09E1160 PRESSURE SENSOR
09E1161 PREVENT MAINT PRESSURE SENSOR
09E1162 REPLACE PRESSURE SENSOR
09E1200 DAMPER CONTROLLERS
09E1210 DAMPER CONTROLLER - ELECTRICAL
09E1211 PREVENT MAINT DAMPER CONTROLLER/ELECT
09E1212 REPLACE DAMPER CONTROLLER/ELECT.
09E1300 SIMPLEX AIR COMPRESSORS
09E1310 SIMPLEX AIR COMPRESSOR 1 HORSE POWER
09E1311 REPAIR COMP. SIMPLEX AIR COMP., 1 HP
09E1312 CHECK AND ADJUST-SIMPLEX AIR COMP., 1HP
09E1313 REPLACE SIMPLEX AIR COMPRESSOR, 1 HP
09E2000 TRANSMISSION MEDIA

09F0000 TESTING, BALANCE, ETC.
09F1000 TEST AND BALANCE
09F2000 IDENTIFICATION SYSTEMS
09F3000 O & M DATA

1100000 INTERIOR ELECTRICAL

1110000 SERVICE & DISTRIBUTION
1112000 OVERHEAD SERVICE FEEDER
1112001 REPAIR CABLE SPLICE-OVERHEAD SERV FEEDER
1112002 CABLE INSPECTION-OVERHEAD SERV FEEDER
1112003 REPLACE SERVICE CABLE-OVERHEAD SERV FEED
1113000 MAIN PROTECTION EQUIPMENT
1113100 SWITCHGEAR, MAIN FRAME, 1200 A.
1113101 REPAIR SWITCHGEAR-MAIN PROTECT EQUIPMENT
1113102 PREV MAINT & INS-SWITCHGEAR,MAIN FRAME
1113103 REPLACE SWITCHGEAR 1200 AMP
1113200 FUSE
1113201 REPLACE FUSE
1114000 PRIMARY TRANSFORMER
1114100 TRANSFORMER, LIQUID FILLED ABOVE 600 V

CACES DESCRIPTION

1114101 REPAIR TRANSFORMER, LIQUID FILLED AB 600
1114102 PREV MAINT & INSP-TRANSFORMER, LIQUID F
1114103 REPLACE TRANSFORMER, LIQUID FILLED AB600
1114200 TRANSFORMER, DRY, ABOVE 15,000 V
1114201 REPAIR TRANSFORMER,DRY,AB 15,000 V
1114202 PREV MAINT &INSP-TRANSFORMER,DRY,AB15000
1114203 REPLACE TRANSFORMER,DRY,AB 15000 V
1115000 POWER PROTCETION EQUIPMENT
1115100 SWITCHGEAR, INDOOR, 0-600 V
1115101 REPAIR SWITCHGEAR, INDOOR, 0-600 V
1115102 PREV MAINT &INSEP-SWITCHGEAR,INDOOR0-600
1115103 REPLACE SWITCHGEAR, INDOOR, 0-600 V
1115200 SWITCHGEAR, INDOOR ABOVE 600 V
1115201 MAINT & REPAIR, SWITCHGEAR,INDR AB 600V
1115202 PREV MAINT &INSP SWITCHGEAR, INDR AB 600
1115203 REPLACE SWITCHGEAR,INDOOR AB 600 V
1116000 SECONDARY TRANSFORMER
1116100 TRANSFORMER, LIQUID FILLED BELOW 600 V
1116101 MAINT & REPAIR TRANSFORMER, LIBUID BL600
1116102 PREV MAINT&INSP-TRANSFORMER,LIQUID BL600
1116103 REPLACE TRANSFORMER,LIQUID BELOW 600 V
1116200 TRANSFORMER, DRY BELOW 15,000 V
1116201 MAINT &REPAIR TRANSFORMER, DRY BL 15000V
1116202 PREV MAINT &INSP TRANSFORMER,DRY BL15000
1116203 REPLACE TRANSFORMER, DRY BELOW 15,000 V
1117000 LIGHTNING PROTECTION
1117100 SWITCHGEAR, INDOOR, BELOW 600 V
1117101 MAINT & REPAIR SWITCHGEAR,INDR BL 600 V
1117102 PREV MAINT &INSEP SWITCHGEAR,INDR BL600V
1117103 REPLACE SWITCHGEAR, INDOOR, BELOW 600 V
1117200 SWITCHGEAR, INDOOR ABOVE 600 V
1117201 MAINT & REPAIR SWITCHGEAR, INDR AB 600V
1117202 PREV MAINT &INSP SWITCHGEAR,INDR AB 600V
1117203 REPLACE SWITCHGEAR, INDOOR AB 600 V
1118000 POWER & LIGHTING DISTRIBUTION
1118100 CABLE, THERMOPLASTIC, 601-15,000 V
1118101 REPLACE CABLE,THERMOPLASTIC,601-15,000 V
1118200 CABLE, THERMOSETTING, 601-15,000 V
1118201 REPLACE CABLE,THERMOSETTING,601-15,000 V
1118300 CABLE, LEAD COVERED, 601-15,000 V
1118301 REPLACE CABLE, LEAD COVERED,601-15,000 V
1118400 CABLE, FLEXIBLE METALIC < 600 VOLT
1118401 REPLACE CABLE, FLEXIBLE METALIC < 600 V
1118500 BRANCH WIRING, 0-600 V
1118501 REPLACE BRANCH WIRING, 0-600 V
1118600 BRANCH WIRING, OVER 600 V
1118601 REPLACE BRANCH WIRING, OVER 600 V
1118700 BUSS DUCT
1118701 MAINT & REPAIR BUSS DUCT, POWER & LIGHT
1118702 PREV MAINT & INSP BUSS DUCT,POWER &LIGHT
1118703 REPLACE BUSS DUCT,POWER & LIGHT DISTRIB
1118800 CONDUIT EMT
1118801 REPLACE EMT CONDUIT, POWER & LIGHT DIST
1119000 SPECIAL EQUIPMENT
1119100 METER, DARSONVAL GALVANOMETER

CACES DESCRIPTION

1119101 MAINT & REPAIR METER, DARSONVAL GALVANOM
1119102 REPLACE METER, DARSONVAL GALVANOMETER
1119300 INVERTER
1119301 MAINT & REPAIR INVERTER, SPECIAL EUIP
1119302 PREV MAINT & INSP INVERTER,SPECIAL EQUIP
1119303 REPLACE INVERTER, SPECIAL EUQIPMENT
1119400 RECTIFIER, UNDER 600 V
1119401 MAINT & REPAIR RECTIFIER, UNDER 600 V
1119402 PREV MAINT & INSP RECTIFIER, UNDER 600 V
1119403 REPLACE RECTIFIER, UNDER 600 V

1120000 POWER SYSTEM
1122000 SAFTEY SWITCHES & BREAKERS
1122100 SAFETY SWITCH, ENCLOSED
1122101 MAINT & REPAIR SAFETY SWITHCH, ENCLOSED
1122102 PREV MAINT & INSP SAFETY SWITCH, ENCLOSD
1122103 REPLACE SAFETY SWITCH, ENCLOSED
1122300 CIRCUIT BREAKERS
1122310 CIRCUIT BREAKER, MC, 0-599 V
1122311 MAINT & REPAIR CIRCUIT BREAKER, MC,0-599
1122312 PREV MAINT&INSP CIRCUIT BREAKER,MC,0-599
1122313 REPLACE CIRCUIT BREAKER, MC, 0-599 V
1122320 CIRCUIT BREAKER, MC, 600 V AND OVER
1122321 REPAIR FAILED BREAKER,MC, 600 V AND OVER
1122322 PREV MAINT &INSP CIRCUIT BREAKER,MC,600+
1122323 REPLACE CIRCUIT BREAKER,MC,600V AND OVER
1122330 CIRCUIT BREAKER, FIXED, 0-599 V
1122331 MAINT &REPAIR CIRCT BREAKER,FIXED,0-599V
1122332 PREV MAINT&INSP CIRCT BREAKER,FIXD,0-599
1122333 REPLACE CIRCUIT BREAKER,FIXED, 0-599 V
1122340 CIRCUIT BREAKER, FIXED, 600V AND OVER
1122341 REPAIR FAILED CIRCT BREAKER,FIXD, 600+V
1122342 PREV MAINT&INSP CIRCT BRKER, FIXD,600+
1122343 REPLACE CIRCUIT BREAKER,FIXD, 600+
1122350 CIRCUIT BREAKER, M.C. > 600V 2P
1122351 REPR FAILED BREAKER-CIR BRK M.C. 600V2P
1122352 PREV MAINT CIRC BREAKER M.C. 600V 2P
1122353 REPL CIRC BREAKER M.C. > 600V 2P
1122360 CIRCUIT BREAKER, M.C. > 600V 3P
1122361 REPAIR FAILED CIRC BREAKER M.C. > 600V 3
1122362 PREV MAINT CIRC. BREAKER M.C. 600V 3P
1122363 REPLACE CIRC BREAKER M.C. 600V 3P
1122370 CIRCUIT BREAKER, FIXED < 599V 1P
1122371 MAINT & REPR CIRC BREAKER FIXED < 599V 1
1122372 PREV MAINT&INSP CIRC BKR FIXED , 599V 1P
1122373 REPLACE CIRC BREAKER FIXED < 599V 1P
1122380 CIRCUIT BREAKER, FIXED < 599V 2P
1122381 MAINT & REPR CIRC BREAKER FIXD < 599V 2P
1122382 PREV MAINT & INSP CIR BRK FIXD < 599V 2P
1122383 REPLACE CIRC BREAKER FIXED < 599V 2P
1122390 CIRCUIT BREAKER, FIXED < 599V 3P
1122391 MAINT & REPR CIRC BREAKER FIXD < 599V 3P
1122392 PREV MAINT CIRC BREAKER FIXED < 599V 3P
1122393 REPLACE CIRC BREAKER FIXED < 599V 3P
11223A0 CIRCUIT BREAKER, FIXED > 600V 1P
11223A1 REPR FAILED CIRC BREAKER FIXED > 600V 1P

CACES DESCRIPTION

11223A2 PREV MAINT CIRC BREAKER FIXED > 600V 1P
11223A3 REPL CIRC BREAKER FIXED > 600V 1P
11223B0 CIRCUIT BREAKER, FIXED > 600V 2P
11223B1 REPR FAILED CIRC BREAKER FIXED > 600V 2P
11223B2 PREV MAINT CIRC BREAKER FIXED > 600V 2P
11223B3 REPLACE CIRC BREAKER FIXED > 600V 2P
11223C0 CIRCUIT BREAKER, FIXED > 600V 3P
11223C1 REPR FAILED CIRC BREAKER FIXD > 600V 3P
11223C2 PREV MAINT CIRC BREAKER FIXED > 600V 3P
11223C3 REPLACE CIRC BREAKER FIXED > 600V 3P
1122400 SAFETY SWITCHES
1122410 SAFETY SWITCH FUSED 1P
1122411 MAINT AND REPAIR SAFETY SWITCH FUSED 1P
1122412 PREVENT MAINT SAFTY SWITCH FUSED 1P
1122413 REPLACE SAFETY SWITCH FUSED 1P
1122420 SAFETY SWITCH FUSED 2P
1122421 MAINT AND REPAIR SAFETY SWITCH FUSED 2P
1122422 PREV MAINT SAFETY SWITCH FUSED 2P
1122423 REPLACE SAFETY SWITCH FUSED 2P
1122430 SAFETY SWITCH FUSED 3P
1122431 MAINT AND REPAIR SAFETY SWITCH FUSED 3P
1122432 PREV MAINT SAFETY SWITCH FUSED 3P
1122433 REPLACE SAFETY SWITCH FUSED 3P
1122440 LOW VOLTAGE CARTRIDGE
1122441 REPLACE LOW VOLTAGE CARTRIDGE
1122450 PLUG FUSE
1122451 REPLACE PLUG FUSE
1123000 MOTOR STARTER
1123600 MOTOR STARTER, 0-600 V
1123601 MAINT & REPAIR MOTOR STARTER, 0-600 V
1123602 PREV MAINT & INSP MOTOR STARTER,0-600 V
1123603 REPLACE MOTOR STARTER, 0-600 V
1123700 MOTOR STARTER, 601-15,000 V
1123701 MAINT & REPAIR MOTOR STARTER,601-15,000V
1123702 PREV MAINT&INSP MOTOR STARTER,601-15000V
1123703 REPLACE MOTOR STARTER, 601-15,000 V
1124000 CONTACTORS AND RELAYS
1124001 MAINT & REPAIR CONTACTORS AND RELAYS
1124002 PREV MAINT CONTACTORS AND RELAYS
1124003 REPLACE CONTACTORS AND RELAYS
1127000 RECEPTACLES & PLUGS
1127100 WIRING DEVICE, SWITCH
1127101 MAINT & REPAIR WIRING DEVICE, SWITCH
1127102 REPLACE WIRING DEVICE, SWITCH
1127200 RECEPTACLE AND PLUG
1127201 MAINT & REPAIR RECEPTACLE AND PLUG
1127202 REPLACE RECEPTACLE AND PLUG
1127300 SWITCH, PULL CORD
1127301 MAINT & REPAIR SWITCH, PULL CORD
1127302 REPLACE SWITCH, PULL CORD

1130000 LIGHTING SYSTEM
1131000 LIGHTING FIXTURES
1131100 INCANDESCENT LIGHTING FIXTURE
1131101 MAINT &REPAIR INCANDESCENT LIGHT FIXTURE
1131102 REPLACE LAMP, INCANDESCENT LIGHT FIXTURE

CACES DESCRIPTION

1131103 REPLACE INCANDESCENT LIGHTING FIXTURE
1131200 QUARTZ LIGHTING FIXTURE
1131201 MAINT & REPAIR QUARTZ LIGHT FIXTURE
1131202 REPLACE LAMP, QUARTZ LIGHTING FIXTURE
1131203 REPLACE QUARTZ LIGHTING FIXTURE
1131300 FLUORESCENT LIGHTING FIXTURE
1131301 MAINT & REPAIR FLUORESCENT LIGHT FIXTURE
1131302 REPLACE LAMPS (2),FLUORESCENT LIGHT FIX
1131303 REPLACE FLUORESCENT LIGHTING FIXTURE
1131400 HID
1131410 HID, MERCURY VAPOR FIXTURE, 250-W
1131411 MAINT&REPAIR HID,MERCURY VAPOR F, 250 W
1131412 REPLACE LAMP-HID,MERCURY VAPOR F, 250 W
1131413 REPLACE FIXTURE,HID,MERCURY VAPOR 250 W
1131420 HID, METAL HALID FIXTURE, 250-W
1131421 MAINT &REPAIR,HID,METAL HALID FIXT,250 W
1131422 REPLACE LAMP,HID,METAL HALID FIXTURE,250
1131423 REPLACE FIXTURE,HID,METAL HALID FIXT250W
1131500 EMERGENCY LIGHTING FIXTURE
1131501 MAINT & REPAIR EMERGENCY LIGHTING FIXTUR
1131502 REPLACE LAMP, EMERGENCY LIGHT FIXTURE
1131503 REPLACE EMERGENCY LIGHTING FIXTURE
1131600 SODIUM FIXTURE
1131610 H.P. 250 WATT
1131611 MAINT & REPAIR H.P. 250 W
1131612 REPLACE LAMP, SODIUM FIXT H.P. 250 WATT
1131613 REPLACE SODIUM FIXTURE, H.P. 250 WATT
1131620 L.P. 200 WATT
1131621 MAINT & REPAIR,SODIUM FIXT L.P. 200 WATT
1131622 REPLACE LAMP,SODIUM FIXT L.P. 200 WATT
1131623 REPLACE SODIUM FIXTURE, L.P. 200 WATT
1131700 EXIT LIGHT
1131701 REPAIR EXIT LIGHT
1131702 REPAIR LAMPS EXIT LIGHT
1131703 REPLACE LIGHTING FIXTURE-EXIT LIGHTS

1140000 GROUNDING SYSTEM
1141000 ELECTRICAL SERVICE GROUND
1141001 MAINT & REPAIR-ELECTIRCAL SERVICE GROUND
1141002 REPLACE ELECTRICAL SERVICE GROUND
1142000 BUILDING STRUCTURE GROUND
1142001 MAINT & REPAIR BUILDING STRUCTURE GROUND
1142002 REPLACE BUILDING SERVICE GROUND
1143000 LIGHTNING PROTECTION
1143100 LIGHTNING PROTECTION SYS. GENERAL
1143110 LIGHTNING PROTECTION SYS. GENERAL WIRING
1143111 MAINTENANCE & REPAIR LIGHTNG.PROT.WIRING
1143112 REPLACE LIGHTNING PROTECT.WIRING
1143500 LIGHTNING PROTECTION SYS. ROD
1143510 LIGHTNING PROTECTION SYS. GROUNDING ROD
1143511 MAINTENANCE AND REPAIR-LIGHTNING GRD.ROD
1143512 REPLACE LIGHTNING GROUNDING ROD
1144000 COMPUTER SYSTEM GROUND
1144001 MAINT & REPAIR COMPUTER SYSTEM GROUND
1144002 REPLACE COMPUTER GROUND SYSTEM
1145000 SPECIAL GROUND SYSTEM

CACES DESCRIPTION

1145001 MAINT & REPAIR SPECIAL GROUND SYSTEM
1145002 REPLACE SPECIAL GROUND SYSTEM

1200000 SPECIAL INTERIOR ELECTRICAL SYSTEM

1210000 SOUND SYSTEM
1211000 TELEPHONE SYSTEM
1211100 4-PIN RECEPTACLE
1211101 REPAIR 4-PIN RECEPTACLE, TELEPHONE SYST
1211102 REPLACE 4-PIN RECEPTACLE, TELEPHONE SYST
1211200 TELEPHONE CABLE
1211201 REPAIR TELEPHONE CABLE ,22 AWG,4 PAIR
1211202 REPLACE TELEPHONE CABLE ,22 AWG ,4 PAIR
1212000 INTERCOMMUNICATION SYSTEM
1212001 MAINTENANCE AND REPAIR
1213000 PUBLIC ADDRESS SYSTEM
1213001 MAINTENANCE AND REPAIR
1214000 RADIO COMMUNICATION SYSTEM
1214001 MAINTENANCE AND REPAIR
1215000 DOOR BELL
1215001 REPAIR DOOR BELL
1215002 PREVENT MAINT AND INSPEC DOOR BELL
1215003 REPLACE DOOR BELL

1220000 ALARM SYSTEM
1221000 FIRE ALARM SYSTEM
1221100 MANUAL PULL STATION
1221101 M/R CHECK AND REPAIR MANUAL PULL STATION
1221102 REPLACE MANUAL PULL STATION
1221200 SMOKE DETECTOR
1221201 M/R REPAIR SMOKE DETECTOR
1221202 CHECK OPERATION, SMOKE DETECTOR
1221203 REPLACE SMOKE DETECTOR
1221300 FIRE ALARM BELL
1221301 REPLACE FIRE ALARM BELL ,6"
1221400 ANNUNCIATION PANEL
1221401 M/R MINOR REPAIRS TO ANNUNCIATION PANEL
1221402 PREV MAINT & INSP ANNUNCIATION PANEL
1221403 REPLACE ANNUNCIATION PANEL
1221500 HEAT DETECTOR
1221501 REPAIR HEAT DETECTOR
1221502 CHECK OPERATION HEAT DETECTOR
1221503 REPLACE HEAT DETECTOR
1221600 FIRE ALARM CONT. PANEL
1221601 MINOR REPAIRS TO FIRE ALARM CONT. PANEL
1221602 PREVENT MAINT & INSP FIRE ALRM CONT PANL
1221603 REPLACE FIRE ALARM CONT PANEL
1222000 INTRUDER DETECTION SYSTEM
1222001 MAINTENANCE AND REPAIR
1223000 EQUIPMENT ALARM SYSTEM
1223001 MAINTENANCE AND REPAIR

1230000 TELEVISION SYSTEM
1232000 CLOSED CIRCUIT TV SYSTEM
1232001 MAINTENANCE AND REPAIR
1233000 TV CABLE OUTLET
1233001 MAINTENANCE AND REPAIR TV CABLE OUTLET
1233002 REPLACE TV CABLE OUTLET

CACES DESCRIPTION

1240000 CONTROL SYSTEM
1241000 ENERGY MANAGEMENT SYSTEM
1241001 MAINTENANCE AND REPAIR
1242000 RADIO CONTROL SYSTEM
1242001 MAINTENANCE AND REPAIR
1243000 LIGHT DIMMING PANEL
1243001 MINOR REPAIRS - LIGHT DIMMING PANEL
1243002 PREV MAINT & INSPEC- LIGHT DIMMING PANEL
1243003 REPLACE LIGHT DIMMING PANEL

1250000 HOSPITAL SYSTEM
1251000 NURSE CALL
1251001 MAINTENANCE AND REPAIR
1252000 DOCTOR PAGING
1252001 MAINTENANCE AND REPAIR
1253000 DOCTOR REGISTER
1253001 MAINTENANCE AND REPAIR
1254000 GROUND DETECTION
1254001 MAINTENANCE AND REPAIR
1255000 NARCOTICS ALARM
1255001 MAINTENANCE AND REPAIR
1256000 OXYGEN ALARM
1256001 MAINTENANCE AND REPAIR

1260000 CLOCK & PROGRAM SYSTEM
1261000 CLOCK AND PROGRAM SYSTEM
1261100 TIME CONTROL CLOCK
1261101 MAINT & REPAIR TIME CONTR. CLOCK
1261102 CHECK OPERATION - TIME CONTROL CLOCK
1261103 REPLACE TIME CONTROL CLOCK

1270000 ELECTRIC HEATING SYSTEM
1271000 BASEBOARD HEATERS
1271001 MAINT & REPAIR BASEBOARD HEATERS
1271002 PREV MAINT & INSP BASEBOARD HEATERS
1271003 REPLACE BASEBOARD HEATER
1272000 WALL & CEILING HEATERS
1272100 WALL MOUNTED & RECESSED WITH FAN
1272101 MAINT &REPAIR WALL MOUNTD &RECESSD W FAN
1272102 PREV MAINT&INSP WALL MOUNTD& RECESSD FAN
1272103 REPLACE HEATER,WALL MOUNTD& RECESSD FAN
1272200 RADIANT SUSPENDED, COMMERCIAL
1272201 MAINT & REPAIR RADIANT SUSPEND,COMMERCIL
1272202 PREV MAINT&INSP RADIANT SUSPEND,COMMER
1272203 REPLACE HEATER,RADIANT SUSPEND,COMMERCIL
1272300 INFRARED SUSPENDED, COMMERCIAL
1272301 MAINT &REPAIR INFRARD SUSPEND,COMMERCIAL
1272302 PREV MAINT INSP INFRARD SUSPEND, COMMER
1272303 REPLACE HEATER,INFRARD SUSPEND,COMMERCIL
1273000 INDUSTRIAL HEATERS
1273100 STANDARD SUSPENDED HEATER
1273101 MAINT REPAIR STANDARD SUSPENDED HEATER
1273102 PREV MAINT INSP STANDARD SUSPEND HEATER
1273103 REPLACE STANDARD SUSPENDED HEATER
1273200 EXPLOSION PROOF INDUSTRIAL
1273201 MAINT & REPAIR EXPLOSION PROOF INDUSTRIL
1273202 PREV MAINT INSP EXPLOSION PROOF INDUST
1273203 REPLACE HEATER,EXPLOSION PROOF INDUST

CACES DESCRIPTION

1274000 DUCT HEATERS
1274001 MAINT & REPAIR DUCT HEATERS
1274002 PREV MAINT & INSP DUCT HEATERS
1274003 REPLACE DUCT HEATER

1280000 POWER GENERATING SYSTEM
1281000 ENGINE GENERATOR SETS
1281100 GENERATOR, GASOLINE POWERED
1281102 PREV MAINT GENERATOR, GASOLINE POWERED
1281103 REPLACE GENERATOR COMPONENT, GASOLINE
1281200 GENERATOR, DIESEL
1281202 PREV MAINT GENERATOR, DIESEL
1281203 REPLACE DIESEL GENERATOR COMPONENT
1281300 GENERATOR, VAPOR GAS POWERED
1281302 PREV MAINT GENERATOR, VAPOR GAS POWERED
1281303 REPLACE GENERATOR COMPONENT, VAPOR GAS
1281400 TURBINES
1281410 GENERATOR, STEAM TURBINE
1281412 PREV MAINT GENERATOR, STEAM TURBINE
1281413 REPLACE GENERATOR COMPONENT,STEAM TURBNE
1281420 GENERATOR, GAS TURBINE
1281422 PREV MAINT GENERATOR, GAS TURBINE
1281423 REPLACE GENERATOR COMPONENT, GAS TURBINE
1281500 TRANSFER SWITCH
1281501 MAINT & REPAIR TRANSFER SWITCH
1281502 PREV MAINT TRANSFER SWITCH
1281503 REPLACE TRANSFER SWITCH
1282000 UNINTERRUPTIBLE POWER SOURCE
1282100 STATIC CHARGER, BATTERY
1282101 MAINT & REPAIR STATIC CHARGER, BATTERY
1282102 PREV MAINT &INSP STATIC CHARGER,BATTERY
1282103 REPLACE STATIC CHARGER, BATTERY
1282200 MOTOR GENERATOR, BATTERY
1282201 MAINT & REPAIR MOTOR GENERATOR, BATTERY
1282202 PREV MAINT MOTOR GENERATOR, BATTERY
1282203 REPLACE MOTOR GENERATOR, BATTERY
1283000 EMERGENCY BATTERY SYSTEM
1283100 BATTERY, PRIMARY WET
1283101 PREV MAINT BATTERY, PRIMARY WET
1283102 REPLACE BATTERY, PRIMARY WET
1283200 BATTERY, PRIMARY DRY
1283201 PREV MAINT BATTERY, PRIMARY DRY
1283202 REPLACE BATTERY, PRIMARY DRY
1283300 BATTERY, SECONDARY WET
1283301 PREV MAINT BATTERY SECONDARY WET
1283302 REPLACE BATTERY, SECONDARY WET
1283400 BATTERY, SECONDARY DRY
1283401 PREV MAINT BATTERY SECONDARY DRY
1283402 REPLACE BATTERY, SECONDARY DRY

***** Finished ******

APPENDIX J:

PERCENTAGE OF MAINTENANCE COST BY
HIGH COST COMPONENTS FOR ALL BUILDINGS

ORDERED YEARLY SUMMARY COMPONENT REPORT

INSTALLATION: USA

10-01-90 13:11:49

F4C CODE : 0000000

120 YEARS SUMMARY

CACES ID	COMPONENT DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0000000	TOTAL DOLLAR AMOUNT FOR YEARS	6780304000.	
0311100	BUILT-UP ROOFING	341736800.	5.04
0311350	SHINGLES	297083100.	4.38
0611300	SHEETROCK (UNSTIPPLED) WALL FI	277865700.	4.10
0533110	HOLLOW CORE(PAINTED)INTERIOR D	206509700.	3.05
0991440	CHILLER-AIR COOL RECIP. 5T	192614800.	2.84
062A200	VINYL ASBESTOS TILE FLOORING	167230500.	2.47
1131300	FLUORESCENT LIGHTING FIXTURE	132908400.	1.96
1117100	SWITCHGEAR, INDOOR, BELOW 600	124797600.	1.84
09E1110	THERMOSTATS/PNEUMATICS	124401400.	1.83
0981C20	100 KBTU	122693600.	1.81
0629100	CARPET, FLOOR	120608500.	1.78
0631300	SHEETROCK (UNSTIPPLED) CEILING	106678100.	1.57
09C1130	EXHAUST FAN 10000 CFM	102618000.	1.51
0311360	METAL	91912780.	1.36
0612400	CONCRETE BLOCK (PAINTED) WALL	89863580.	1.33
0814H00	HOT WATER HEATER ELEC. 120 GAL	89432540.	1.32
0841100	DISHWASHER	87304830.	1.29
0611100	PLASTER WALL FINISH	84652090.	1.25
0625200	MAPLE FLOOR	83775550.	1.24
1127200	RECEPTACLE AND PLUG	78899350.	1.16
0612800	CERAMIC TILE WALL FIN.	78266210.	1.15
0533210	SOLID CORE (PAINTED) INTERIOR	78135220.	1.15
0814E00	HOT WATER HTR, GAS/OIL 75 GAL	72761690.	1.07
1131100	INCANDESCENT LIGHTING FIXTURE	65401330.	.96
0822100	DISTRIBUTION, GUTTERS, PIPE	63469520.	.94
0636100	METAL CEILING (PAINTED)	62167810.	.92
1127100	WIRING DEVICE, SWITCH	58985800.	.87
0631100	PLASTER CEILING	56341170.	.83
0625100	WOOD PARTQUETRY FLOORING	55113600.	.81
0635200	WOOD UNFINSHED CEILING	51808000.	.76
0426110	ALUMINUM (PLN & ANODZD) SCREEN	49568970.	.73
0611200	SHEETROCK (STIPPLED) WALL FIN.	49529200.	.73
0415F10	WOOD, FINISH(MULTI-COAT)EXT.FI	46706460.	.69
0981D20	100 KBTU	44833370.	.66
0812100	PIPE & FITTINGS	41324230.	.61
0984140	PIPE INSULATION	39437500.	.58
062A100	LINOLEUM FLOORING	37533010.	.55
0811H00	DRINKING FOUNTAIN	36194800.	.53
0415I10	ALUMINUM SIDING EXTERIOR FIN.	35732070.	.53
0423210	SOLID CORE (PAINTED) WOOD EXTE	35388680.	.52
09A1910	200 CFM	35015440.	.52
0841200	WASTE DISPOSAL, RESIDENTIAL	34911030.	.51
0811500	LAVATORY, VITREOUS CHINA	34691760.	.51
062A400	VINYL SHEET FLOORING	34436180.	.51
0415C10	STUCCO EXTERIOR FINISH 1ST FLO	33995990.	.50
0981C30	200 KBTU	33713690.	.50
0811F00	SINK, STAINLESS STEEL	33563990.	.50
0991450	CHILLER AIR COOL REC 10T	33522750.	.49
0811800	BATH TUB, ENAMELED STEEL	33112390.	.49
1115100	SWITCHGEAR, INDOOR, 0-600 V	32504020.	.48
0561100	WOOD TRIMMING	31890920.	.47
1122100	SAFETY SWITCH, ENCLOSED	31142320.	.46
0814600	VALVE, DRAIN	31026610.	.46
0811200	FLUSH TANK WATER CLOSET	30858210.	.46
0813600	VALVE, DRAIN	29997990.	.44
0631200	SHEETROCK (STIPPLED) CEILING	29525240.	.44

09A1C10	6500 CFM	28575440.	.42
0981110	250 BTU	28367260.	.42
1283400	BATTERY, SECONDARY DRY	28302820.	.42
1122330	CIRCUIT BREAKER, FIXED, 0-599	27652330.	.41
09A1C50	SINGLE ZONE DRAW THRU 1000 CFM	27587320.	.41
1123600	MOTOR STARTER, 0-600 V	26808960.	.40
0533120	HOLLOW CORE(PAINTED)SLIDING IN	26374350.	.39
0981310	250 BTU	26246810.	.39
0616300	STEEL INTERIOR FINISH (PAINTED	25932630.	.38
0441100	CONCRETE DECKING - PORCH	25319470.	.37
0814000	HOT WATER HTR, GAS/OIL 30 GAL	24686640.	.36
0811100	TANKLESS WATER CLOSET	23923720.	.35
0434610	ALUMINUM FRAME SCREEN COVER 1S	23687220.	.35
0533220	SOLID CORE (PAINTED) SLIDING I	23396570.	.35
0311340	ROLL ROOFING	23166250.	.34
0431110	ALUMINUM OPERABLE WINDOWS 1ST	21864860.	.32
0635100	WOOD FINISHED CEILING	21637980.	.32
1221200	SMOKE DETECTOR	21197550.	.31
061A200	CONCRETE, FINISHED INTERIOR WA	20993550.	.31
09A1930	600 CFM	20546930.	.30
0431320	WOOD FRM.(PAINT) OPER.WNDW 2ND	20247400.	.30
0981C10	25 KBTU	20232760.	.30
0981D10	25 KBTU	19952690.	.29
0534230	WOOD LOUVERED INTERIOR DOORS	19933690.	.29
0981A10	DEAERATOR	19605670.	.29
0415C20	STUCCO EXTERIOR FINISH 2ND FLO	19267810.	.28
0431310	WOOD FRM.(PAINT) OPER.WNDW 1ST	19083260.	.28
0431610	DOUBLE PANE ALUMINUM OPER.WNDW	18839800.	.28
0811400	LAVATORY, IRON, ENAMEL	18776320.	.28
0981E10	25 KBTU	18579910.	.27
09C1110	EXHAUST FAN 200 CFM	18057380.	.27
0811600	LAVATORY, ENAMELED STEEL	17944410.	.26
0812200	FLOOR DRAIN, WITHOUT BUCKET	17939220.	.26
062B100	CONCRETE, UNFINSHED FLOORING	17538760.	.26
0434620	ALUMINUM FRAME SCREEM COVER 2N	16895150.	.25
1112000	OVERHEAD SERVICE FEEDER	16877560.	.25
0423230	SOLID CORE(SAFTY GLAS) PAINTED	16811250.	.25
09A1A10	200 CFM	16638940.	.25
0981320	2000 BTU	16552610.	.24
0981H00	RADIATOR, FINNED WALL 10' SEC.	16511350.	.24
09C1120	EXHAUST FAN 1000 CFM	16398680.	.24
0531130	STEEL SLIDING (PAINTED) INTERI	16160260.	.24
0415A10	CONCRETE EXTERIOR FINISH 1ST F	16139020.	.24
1131610	H.P. 250 WATT	16092500.	.24
1215000	DOOR BELL	15834380.	.23
0415120	ALUMINUM SIDING EXTERIOR FIN.	15286440.	.23
0421210	STEEL (PAINTED) METAL EXTERIOR	15072630.	.22
0415F20	WOOD, FINISH(MULTI-COAT)EXT.FI	14543300.	.21
0626100	STEEL FLOORING	14475430.	.21
0981210	40000 BTU	13911690.	.21
0814300	VALVE, NON DRAIN 3/8"-1 1/2"	13893110.	.20
0431620	DOUBLE PANE ALUMINUM OPER.WNDW	13831390.	.20
0811800	SHOWER, PLASTIC	13463610.	.20
0813200	PIPE & FITTINGS, COPPER	13447600.	.20
0943300	FINNED RADIATOR, WALL 10 FT	13399790.	.20
0813700	EXPANSION CHAMBER	13379190.	.20
0615100	PLYWOOD (PAINTED/STAINED) INT.	13031700.	.19
0632200	ACOUSTICAL TILE (DROPPED) CEIL	12702060.	.19
0981410	2000 BTU	12581960.	.19
062B200	CONCRETE, FINISHED FLOORING	12518370.	.18
0433210	ALUMINUM LOUVER IN FRAME 1ST F	12500560.	.18
0814200	PIPE & FITTINGS, COPPER	12159160.	.18
063A200	CONCRETE, FINISHED CEILING	12146630.	.18
0431130	ALUMINUM OPERABLE WINDOW 3RD+	11907220.	.18
0616400	WIRE MESH WALL	11741720.	.17
0991210	1 TON	11710140.	.17
0561400	CERAMIC TRIMMING	11458640.	.17
0813100	PIPE & FITTINGS, STEEL OR CAST	11315740.	.17
1221600	FIRE ALARM CONT. PANEL	11260150.	.17
0431120	ALUMINUM OPERABLE WINDOW 2ND F	11152800.	.16
0811300	URINAL	11132410.	.16
0415J20	ALUMINUM SIDING (ANODZD) FIN.	10991580.	.16

0415A30	CONCRETE EXTERIOR FINISH 3RD+	10830870.	.16
0981120	2000 BTU	10755110.	.16
0813300	VALVE, NON-DRAIN 3/8" - 1 1/2"	10402000.	.15
0622200	QUARRY TILE FLOORING	10335990.	.15
1124000	CONTACTORS AND RELAYS	10334450.	.15
1114100	TRANSFORMER, LIQUID FILLED ABO	10117310.	.15
0622100	CERAMIC TILE FLOORING	10048040.	.15
0811900	SHOWER, TERRAZO	10019270.	.15
09A1C20	10000 CFM	9655846.	.14
0811700	BATH TUB, CAST IRON	9634941.	.14
09A1D20	1200 CFM	9614597.	.14
0431810	DOUBLE PANE WOOD FRM.OPER.WNDW	9597426.	.14
0984370	STEAM TRAP,F&T<1"	9554200.	.14
0981420	20000 BTU	9452729.	.14
09A1920	400 CFM	9424926.	.14
09C1140	EXHAUST FAN 25000 CFM	9271012.	.14
0984210	GATE VALVE,3/8"-1 1/2"	9038085.	.13
0415J10	ALUMINUM SIDING (ANODZD) FIN.	8895258.	.13
09A1C30	25000 CFM	8836308.	.13
0981D30	200 KBTU	8800468.	.13
0811J00	BATHTUB, PLASTIC	8744074.	.13
1127300	SWITCH, PULL CORD	8734711.	.13
09A1C60	SINGLE-ZONE DRAW THRU 2500 CFM	8593841.	.13
0425300	WOOD EXTERIOR GATE	8499494.	.13
1283300	BATTERY, SECONDARY WET	8394136.	.12
0415210	CLAY BRICK EXTERIOR FINISH FIR	8171693.	.12
0415020	FORMICA - VINYL EXTERIOR FIN.	8108773.	.12
1211100	4-PIN RECEPTACLE	8079530.	.12
0431820	DOUBLE PANE WOOD FRM. OPER.WND	7997341.	.12
0991410	20 TONS	7894278.	.12
0311330	TILE	7708940.	.11
0415910	CONCRETE BLOCK (WP/P) EXT. FIN	7556570.	.11
0415A20	CONCRETE EXTERIOR FINISH 2ND F	7219189.	.11
0561600	RUBBER / VINYL TRIMMING	7168764.	.11
0434110	ALUMINUM FRAME STORM WINDOWS 1	7082057.	.10
0614500	WALLPAPER INTERIOR WALL FIN.	6960247.	.10
0814F00	HOT WATER HTR, GAS/OIL 1000 GP	6792504.	.10
0814100	PIPE & FITTINGS, STEEL OR CAST	6509772.	.10
0427100	STEEL SINGLE ROLL-UP DOOR	6503927.	.10
0831110	1 H.P.	6390165.	.09
0531110	STEEL PAINTED INTERIOR DOOR	6355871.	.09
1117200	SWITCHGEAR, INDOOR ABOVE 600 V	6330098.	.09
0912100	PIPE FITTINGS, STEEL/IRON	6304472.	.09
0812300	FLOOR DRAIN, WITH BUCKET	6260347.	.09
0432310	WOOD FRAME (PAINT) FIXED WNDW.	6258194.	.09
0814L00	HOT WATER HEATER ELEC. 52 GAL.	6181093.	.09
0614400	VINAL INTERIOR WALL FIN.	6097138.	.09
0991420	50 TONS	6063755.	.09
09E1210	DAMPER CONTROLLER - ELECTRICAL	5847917.	.09
0415L10	STEEL (PAINT) EXTERIOR FIN. 1S	5846428.	.09
0811E00	SINK, ENAMELED STEEL	5803482.	.09
0814J00	HOT WATER HEATER ELEC. 1000 GA	5800176.	.09
1116200	TRANSFORMER, DRY BELOW 15,000	5688522.	.08
1281420	GENERATOR, GAS TURBINE	5572637.	.08
0427500	WOOD SINGLE ROLL-UP DOORS	5569575.	.08
0444100	METAL EXTERIOR PORCH COLUMNS	5558415.	.08
0923100	PIPE/FITTINGS, COPPER	5403197.	.08
1281100	GENERATOR, GASOLINE POWERED	5306613.	.08
0615900	WAINSCOT INTERIOR WALL	5263814.	.08
0415010	FORMICA - VINYL EXTERIOR FIN.	5177432.	.08
09A1D10	400 CFM	5157749.	.08
0434410	METAL WINDOW GRATINGS 1ST FLOO	5155144.	.08
0813E00	HOSE BIBB	5138896.	.08
0415F10	WOOD, FINISH(SINGLE COAT)EXT.F	5102048.	.08
0615700	BOARD (FINISHED) INTER. WALL	5085609.	.08
0981610	ASH HANDLING SYSTEM	5079374.	.07
0415220	CLAY BRICK EXTERIOR FINISH SEC	4945359.	.07
0422210	WOOD FRAME (PAINT) FULL GLZD.E	4943624.	.07
1141000	ELECTRICAL SERVICE GROUND	4902445.	.07
0572200	WOOD INTERIOR STEPS	4867903.	.07
0615600	PANEL (LAMINATED) INTERIOR WAL	4765626.	.07
0415920	CONCRETE BLOCK (WP/P) EXT. FIN	4760161.	.07

0415A30	CONCRETE EXTERIOR FINISH 3RD+	10830870.	.16
0981120	2000 BTU	10755110.	.16
0813300	VALVE, NON-DRAIN 3/8" - 1 1/2"	10402000.	.15
0622200	QUARRY TILE FLOORING	10335990.	.15
1124000	CONTACTORS AND RELAYS	10334450.	.15
1114100	TRANSFORMER, LIQUID FILLED ABO	10117310.	.15
0622100	CERAMIC TILE FLOORING	10048040.	.15
0811900	SHOWER, TERRAZO	10019270.	.15
09A1C20	10000 CFM	9655846.	.14
0811700	BATH TUB, CAST IRON	9634941.	.14
09A1D20	1200 CFM	9614597.	.14
0431810	DOUBLE PANE WOOD FRM.OPER.WNDW	9597426.	.14
0984370	STEAM TRAP,F&T<1"	9554200.	.14
0981420	20000 BTU	9452729.	.14
09A1920	400 CFM	9424926.	.14
09C1140	EXHAUST FAN 25000 CFM	9271012.	.14
0984210	GATE VALVE,3/8"-1 1/2"	9038085.	.13
0415J10	ALUMINUM SIDING (ANODZD) FIN.	8895258.	.13
09A1C30	25000 CFM	8836308.	.13
0981D30	200 KBTU	8800468.	.13
0811J00	BATHTUB, PLASTIC	8744074.	.13
1127300	SWITCH, PULL CORD	8734711.	.13
09A1C60	SINGLE-ZONE DRAW THRU 2500 CFM	8593841.	.13
0425300	WOOD EXTERIOR GATE	8499494.	.13
1283300	BATTERY, SECONDARY WET	8394136.	.12
0415210	CLAY BRICK EXTERIOR FINISH FIR	8171693.	.12
0415020	FORMICA - VINYL EXTERIOR FIN.	8108773.	.12
1211100	4-PIN RECEPTACLE	8079530.	.12
0431820	DOUBLE PANE WOOD FRM. OPER.WND	7997341.	.12
0991410	20 TONS	7894278.	.12
0311330	TILE	7708940.	.11
0415910	CONCRETE BLOCK (WP/P) EXT. FIN	7556570.	.11
0415A20	CONCRETE EXTERIOR FINISH 2ND F	7219189.	.11
0561600	RUBBER / VINYL TRIMMING	7168764.	.11
0434110	ALUMINUM FRAME STORM WINDOWS 1	7082057.	.10
0614500	WALLPAPER INTERIOR WALL FIN.	6960247.	.10
0814F00	HOT WATER HTR, GAS/OIL 1000 GP	6792504.	.10
0814100	PIPE & FITTINGS, STEEL OR CAST	6509772.	.10
0427100	STEEL SINGLE ROLL-UP DOOR	6503927.	.10
0831110	1 H.P.	6390165.	.09
0531110	STEEL PAINTED INTERIOR DOOR	6355871.	.09
1117200	SWITCHGEAR, INDOOR ABOVE 600 V	6330098.	.09
0912100	PIPE FITTINGS, STEEL/IRON	6304472.	.09
0812300	FLOOR DRAIN, WITH BUCKET	6260347.	.09
0432310	WOOD FRAME (PAINT) FIXED WNDW.	6258194.	.09
0814L00	HOT WATER HEATER ELEC. 52 GAL.	6181093.	.09
0614400	VINAL INTERIOR WALL FIN.	6097138.	.09
0991420	50 TONS	6063755.	.09
09E1210	DAMPER CONTROLLER - ELECTRICAL	5847917.	.09
0415L10	STEEL (PAINT) EXTERIOR FIN. 1S	5846428.	.09
0811E00	SINK, ENAMELED STEEL	5803482.	.09
0814J00	HOT WATER HEATER ELEC. 1000 GA	5800176.	.09
1116200	TRANSFORMER, DRY BELOW 15,000	5688522.	.08
1281420	GENERATOR, GAS TURBINE	5572637.	.08
0427500	WOOD SINGLE ROLL-UP DOORS	5569575.	.08
0444100	METAL EXTERIOR PORCH COLUMNS	5558415.	.08
0923100	PIPE/FITTINGS, COPPER	5403197.	.08
1281100	GENERATOR, GASOLINE POWERED	5306613.	.08
0615900	WAINSCOT INTERIOR WALL	5263814.	.08
0415010	FORMICA - VINYL EXTERIOR FIN.	5177432.	.08
09A1D10	400 CFM	5157749.	.08
0434410	METAL WINDOW GRATINGS 1ST FLOO	5155144.	.08
0813E00	HOSE BIBB	5138896.	.08
0415E10	WOOD, FINISH(SINGLE COAT)EXT.F	5102048.	.08
0615700	BOARD (FINISHED) INTER. WALL	5085609.	.08
0981610	ASH HANDLING SYSTEM	5079374.	.07
0415220	CLAY BRICK EXTERIOR FINISH SEC	4945359.	.07
0422210	WOOD FRAME (PAINT) FULL GLZD.E	4943624.	.07
1141000	ELECTRICAL SERVICE GROUND	4902445.	.07
0572200	WOOD INTERIOR STEPS	4867903.	.07
0615600	PANEL (LAMINATED) INTERIOR WAL	4765626.	.07
0415920	CONCRETE BLOCK (WP/P) EXT. FIN	4760161.	.07

0844110	OPEN HEAD SPRINKLER HEAD	4742944.	.07
0615400	TIMBER (UNFINSHED) INTERIOR WA	4738406.	.07
09A1110	6500 CFM	4576800.	.07
0531330	ALUMINUM SLIDING(PL.&ANZD.)INT	4537805.	.07
0981330	10000 BTU	4508064.	.07
0981130	10000 BTU	4500830.	.07
0831130	GAS COMPRESSOR > 1/2 HP	4473665.	.07
0421110	ALUMINUM (PLAIN & ANODIZED) EX	4413475.	.07
0811D00	SINK, IRON ENAMEL	4410342.	.07
0415C30	STUCCO EXTERIOR FINISH 3RD+ FL	4325123.	.06
0582100	BRASS INTERIOR LOCKSET	4319404.	.06
0981E20	100 KBTU	4287073.	.06
0423110	HOLLOW CORE (PAINTED) WOOD EXT	4282808.	.06
0431210	STEEL FRM.(PAINT)OPER.WNDW 1ST	4282031.	.06
0981910	FEEDWATER SUPPLY	4189816.	.06
0415230	CLAY BRICK EXTERIOR FINISH THI	4184062.	.06
0991540	CHILLER WATER COOL RECIP 10T	4128391.	.06
0991430	100 TONS	4036063.	.06
0431220	STEEL FRM.(PAINT) OPER.WNDW 2N	4008094.	.06
1122430	SAFETY SWITCH FUSED 3P	3968395.	.06
09E1310	SIMPLEX AIR COMPRESSOR 1 HORSE	3922595.	.06
0994340	PIPE INSULATION	3911500.	.06
0991220	2 TONS	3851977.	.06
09A1740	50000 CFM	3785990.	.06
1283100	BATTERY, PRIMARY WET	3765736.	.06
0821100	DRAIN, ROOF SCUPPER, AREA	3747514.	.06
1122370	CIRCUIT BREAKER, FIXED < 599V	3713849.	.05
0434120	ALUMINUM FRAME STORM WINDOWS 2	3703716.	.05
0421220	STEEL (W/SAFTY GLAS) PAINTED E	3645537.	.05
0451200	WOOD EXTERIOR CORNICE	3627534.	.05
09A1D50	GAS FIRED RADIANT HEATER 50 MB	3569097.	.05
0433310	STEEL LOUVERS WITH FRAME 1ST F	3554219.	.05
0415L30	STEEL (PAINT) EXTERIOR FIN. 3R	3549354.	.05
0433220	ALUMINUM LOUVERS (IN FRAME) 2N	3506677.	.05
1131500	EMERGENCY LIGHTING FIXTURE	3498433.	.05
0533230	SOLID CORE(W/SAFETY GLASS)(PNT	3496219.	.05
0984420	CIRCULATION PUMP 5 HP	3480374.	.05
0614100	FORMICA INTERIOR WALL FIN.	3426485.	.05
0534110	PANELED DOOR	3412302.	.05
0814800	INSULATION, PIPE	3388037.	.05
0994420	CIRCULATION PUMP 5 H.P.	3377686.	.05
0619300	CORK INTERIOR WALL TILE	3330556.	.05
061A100	CONCRETE, UNFINISHED INTERIOR	3328127.	.05
0422120	ALUMINUM FRAME FULL GLZD SLDIN	3209102.	.05
0991520	50 TONS	3161465.	.05
1283200	BATTERY, PRIMARY DRY	3112247.	.05
0415L20	STEEL (PAINT) EXTERIOR FIN. 2N	3035931.	.04
0811A00	SHOWER, ENAMELED STEEL	3009213.	.04
0434630	ALUMINUM FRAME SCREEN COVER 3R	2958143.	.04
09A1D30	UNIT HEATER 4000 CFM	2951939.	.04
0612900	MASONITE INTERIOR WALL FINISH	2892040.	.04
0534220	STEEL LOUVERED INTERIOR DOOR	2838425.	.04
0442300	STEEL (METAL) PAINTED RAILING	2814755.	.04
1131410	HID, MERCURY VAPOR FIXTURE, 25	2807509.	.04
0811100	SPIGOT	2793452.	.04
0431230	STEEL FRM.(PAINT) OPER.WNDW 3R	2761264.	.04
0984460	COND. RCVR.,10-15 GAL.	2731267.	.04
0422110	ALUMINUM FRAME FULL GLZD EXT.D	2730148.	.04
0625300	PLYWOOD FLOOR	2714004.	.04
0991510	20 TONS	2672145.	.04
09A1130	25000 CFM	2652714.	.04
0432110	ALUMINUM FIXED WINDOW 1ST FLOO	2636968	.04
0981M10	INDUCTION FURNACE GAS/OIL 500	2607564.	.04
0994210	GATE VALVE,3/8"-1 1/2"	2585628.	.04
0619200	ACOUSTICAL INTERIOR WALL TILE	2573133.	.04
0991460	CHILLER AIR COOL REC 15T	2526153.	.04
0961100	SOLAR PANEL, 3' X 8'	2520807.	.04
1122420	SAFETY SWITCH FUSED 2P	2499494.	.04
1233000	TV CABLE OUTLET	2479378.	.04
062A300	RUBBER TILE FLOORING	2472370.	.04
1221100	MANUAL PULL STATION	2451117.	.04
09A1E20	HEAT PUMP 10 TONS	2428242.	.04

0433120	WOOD LOUVER IN FRAME 2ND FLOOR	2401500.	.04
0632100	ACOUSTICAL TILE CEILING	2358568.	.03
0415E20	WOOD, FINISH(SINGLE COAT)EXT.F	2345267.	.03
0616100	ALUMINUM INTERIOR WALL	2330949.	.03
0831310	METAL PIPE	2292032.	.03
0813900	INSULATION, PIPE	2276495.	.03
1131420	HID, METAL HALID FIXTURE, 250-	2274370.	.03
0433110	WOOD LOUVER IN FRAME 1ST FLOOR	2271809.	.03
0984410	CIRCULATOR PUMP, <1HP	2265383.	.03
0814700	EXPANSION CHAMBER	2208514.	.03
09C1160	EXHAUST FAN, 5000 CFM	2175232.	.03
0433510	ALUMINUM SHUTTER WITH FRAME 1S	2144435.	.03
0415T20	ALUMINUM CORGATD PANEL EXT.FIN	2132528.	.03
0415930	CONCRETE BLOCK (WP/P) EXT. FIN	2118963.	.03
0615300	TIMBER (FINISHED) INTERIOR WAL	2085779.	.03
09A1120	10000 CFM	2063733.	.03
1122410	SAFETY SWITCH FUSED 1P	1999724.	.03
09A1G10	DUCTCOIL 1-ROW H.W. 12X24	1954960.	.03
1221500	HEAT DETECTOR	1944062.	.03
0615500	PANEL (SOLID) INTERIOR WALL	1907961.	.03
0984280	DRAIN VALVE	1869408.	.03
0432320	WOOD FRAME (PAINT) FIXED WNDW.	1839255.	.03
0415T10	ALUMINUM CORGATD.PANELS EXT.FI	1776433.	.03
1281200	GENERATOR, DIESEL	1772691.	.03
0433130	WOOD LOUVER IN FRAME 3RD FLOOR	1754920.	.03
0814K00	HOT WATER HEATER ELEC. 2000 GA	1723422.	.03
0472100	BRASS EXTERIOR LOCKSET	1723389.	.03
0911100	GAS METER	1718150.	.03
0941100	STEAM CONVERTOR, LESS THAN 300	1713130.	.03
0811C00	SHOWER, ALUMINUM	1664007.	.02
0522100	FABRIC PARTITION	1662291.	.02
0841300	WATER SOFTENER	1657882.	.02
09A1210	6500 CFM	1656672.	.02
0415I30	ALUMINUM SIDING EXTERIOR FIN.	1574377.	.02
09A1940	1200 CFM	1566699.	.02
0982120	IND DRAFT FAN 10,000 CFM	1562085.	.02
0981G00	RADIATOR, BASEBOARD 10' SEC.	1530114.	.02
0981F00	RADIATOR, CAST IRON 10' SEC.	1471591.	.02
0434130	ALUMINUM FRAME STORM WINDOWS 3	1469860.	.02
0831140	GAS COMPRESSOR > 15 HP	1459813.	.02
1131700	EXIT LIGHT	1432452.	.02
0415120	ADOBE EXTERIOR FINISH SECOND F	1426985.	.02
0311410	CONCRETE, SEALED PANEL ROOFING	1426440.	.02
0462100	CONCRETE EXTERIOR STEPS	1426057.	.02
0615200	PLYWOOD (UNPNTED/UNSTAINED) IN	1422967.	.02
062D100	BITUMINOUS FLOORING	1407977.	.02
0981L00	STORAGE TANK,DHW	1406054.	.02
0813400	VALVE, NON-DRAIN 2"-3"	1401665.	.02
0432610	DOUBLE PANE ALUMINUM FIXED WND	1384497.	.02
0814A00	CIRCULATOR PUMP, 1/6 HP	1379485.	.02
0534120	LOUVERED DOOR	1375928.	.02
0941300	STEAM REGULATION VALVE - 2"	1362059.	.02
09C1150	EXHAUST FAN 50000 CFM	1356898.	.02
0571100	WOOD INTERIOR RAILINGS	1351065.	.02
0814C00	STEAM CONVERTOR, DOMESTIC HOT	1340998.	.02
0612200	CLAY BLOCK (PAINTED WALL FINIS	1337581.	.02
0441200	WOOD DECKING - PORCH	1312551.	.02
0444200	WOOD EXTERIOR PORCH COLUMNS	1304880.	.02
0427300	ALUMINUM SINGLE ROLL-UP DOOR	1299040.	.02
1221300	FIRE ALARM BELL	1293536.	.02
0811G00	SINK, PLASTIC	1284846.	.02
0432620	DOUBLE PANE ALUMINUM FIXED WND	1283426.	.02
09A1E40	HEAT PUMP 1T	1263510.	.02
0461200	METAL EXTERIOR STAIR RAILING	1244359.	.02
0991D30	300 TONS	1226982.	.02
0421130	ALUMINUM SLIDING EXT PL & AL D	1196715.	.02
1143510	LIGHTNING PROTECTION SYS. GROU	1173514.	.02
0981M20	INDUCTION FURNACE GAS/OIL 2000	1162294.	.02
09A1520	10000 CFM	1141339.	.02
0631400	STUCCO INTERIOR CEILING FINISH	1139558.	.02
1116100	TRANSFORMER, LIQUID FILLED BEL	1116537.	.02
0994280	DRAIN VALVE	1100235.	.02

0614800	CARPETED INTERIOR WALL FINISH	1096423.	.02
0831150	COMPRESSED AIR DRYER	1089277.	.02
0611400	STUCCO INTERIOR WALL FINISH	1085214.	.02
0961200	SOLAR STORAGE TANK, 1000 GALLO	1041487.	.02
0415F30	WOOD, FINISH(MULTI-COAT)EXT.FI	995644.	.01
1273100	STANDARD SUSPENDED HEATER	991678.	.01
0462200	WOOD EXTERIOR STEPS	982230.	.01
0814800	CIRCULATOR PUMP, 1/2 HP	979591.	.01
0814400	VALVE, NON DRAIN 2"-3"	961450.	.01
0433230	ALUMINUM LOUVER (IN FRAME) 3RD	955733.	.01
0921100	OIL STORAGE TANK, 275 GAL.	931406.	.01
063A100	CONCRETE, UNFINSHED CEILING	929312.	.01
0615800	BOARD (UNFINISHED) INTER. WALL	913906.	.01
0443200	WOOD EXTERIOR PORCH SUPPORTS	910132.	.01
0432120	ALUMINUM FIXED WINDOW 2ND FLOO	905815.	.01
0991620	300 TONS	899146.	.01
09A1C40	50000 CFM	895642.	.01
1281300	GENERATOR, VAPOR GAS POWERED	890451.	.01
0434510	METAL WIRE MESH WINDOW COVER 1	878061.	.01
0311320	CEMENT ASBESTOS	876193.	.01
0991530	100 TONS	874634.	.01
0931100	LPG STORAGE TANK,1000 GALLON	866940.	.01
1261100	TIME CONTROL CLOCK	859462.	.01
0311210	MOD. BITUMINOUS / THERMOPLASTI	858225.	.01
0311370	FIBERGLASS RIGID,STEEP ROOF	848040.	.01
0431630	DOUBLE PANE ALUMINUM OPER.WNDW	845986.	.01
09E1120	HUMIDITY SENSOR	834832.	.01
0991130	50 TONS	815719.	.01
0814M00	HOT WATER STORAGE TANK, DHW	806145.	.01
0431330	WOOD FRM. (PAINT) OPER. WNDW.	797680.	.01
1131620	L.P. 200 WATT	779656.	.01
09A1140	50000 CFM	779371.	.01
1122380	CIRCUIT BREAKER, FIXED < 599V	776723.	.01
1274000	DUCT HEATERS	774486.	.01
0823100	SUMP PUMP	771570.	.01
0571200	METAL INTERIOR RAILINGS	760048.	.01
0421120	ALUMINUM (P&L) FRAME & DOOR	756081.	.01
0442200	WOOD EXTERIOR PORCH RAILING	752940.	.01
0434810	WOOD FRAME SCREEN WINDOW COVER	739705.	.01
0612500	CLAY BRICK WALL FINISH	735287.	.01
0534320	METAL WALK-IN INTERIOR COOLER	728643.	.01
0432130	ALUNINUM FIXED WINDOW 3RD+ FLO	726780.	.01
0434820	WOOD FRAME SCREEN WINDOW COVER	721327.	.01
0991610	100 TONS	710405.	.01
0432630	DOUBLE PANE ALUMINUM FIXED WND	708499.	.01
0531310	ALUMINUM (PLAIN & ANODIZED)INT	702164.	.01
0311310	SLATE	695530.	.01
0424320	STEEL LOUVERED EXTERIOR DOORS	693182.	.01
0572600	CARPETED INTERIOR STEPS	689590.	.01
0572100	CONCRETE INTERIOR STEPS	687190.	.01
0561300	TERRAZZO TRIMMING	664812.	.01
0991C10	50 TONS	657132.	.01
1271000	BASEBOARD HEATERS	656338.	.01
0991B30	50 TONS	636416.	.01
0581100	BRASS INTERIOR HINGES	633387.	.01
09A1150	MULTI-ZONE 2500 CFM	627848.	.01
0532110	ALUMINUM FRAME INTERIOR DOOR	620088.	.01
0619400	ASBESTOS-ACOUSTICAL FIRE RATED	617067.	.01
0551100	CLAY BRICK CHIMNEY, FIREPLACE	597248.	.01
09842A0	PRESSURE REDUCER VALVE 2"	581769.	.01
0634200	PLASTIC CEILING	576468.	.01
0982110	FORCE DRAFT FAN 10,000 CFM	572633.	.01
0415X20	FIBERGLASS PANELS EXT. FIN. 2N	570508.	.01
0984110	PIPE/FITTINGS, ST.&CP	566899.	.01
0991820	300 TONS	565646.	.01
0423220	SOLID CORE SLIDING WOOD EXT. D	553450.	.01
0451100	STONE EXTERIOR CORNICE	550346.	.01
0943200	BASEBOARD RADIATION 10 FT	539408.	.01
0432210	STEEL FRAME (PAINT) FIXED WNDW	534104.	.01
0833210	PIPE AND FITTING, OXYGEN	530622.	.01
0984130	PIPE AND FITTINGS, PVC	526453.	.01
0415X10	FIBERGLASS PANELS EXT. FIN. 1S	522918.	.01

1115200	SWITCHGEAR, INDOOR ABOVE 600 V	234084.	.00
0943100	CAST IRON RADIATOR 10 SECT	231697.	.00
0415S20	PORCELAIN PANELS EXTERIOR FIN.	221693.	.00
0991C30	300 TONS	220100.	.00
0991120	20 TONS	216821.	.00
0415P10	ASBESTOS EXTERIOR FINISH 1ST F	213120.	.00
0612100	CLAY BLOCK WALL FINISH	210322.	.00
0434430	METAL WINDOW GRATINGS 3RD FLOO	208896.	.00
0432330	WOOD FRAME (PAINT) FIXED WNDW.	203762.	.00
0415510	CONCRETE BRICK (PNTED) EXT. FI	197643.	.00
1272300	INFRARED SUSPENDED, COMMERCIAL	192595.	.00
09843A0	AIR SEPARATOR	191219.	.00
0991820	20 TONS	189319.	.00
0441300	METAL DECKING-PORCH	188447.	.00
0434310	WOOD FRAME STORM WINDOW 1ST FL	188041.	.00
1122390	CIRCUIT BREAKER, FIXED < 599V	186413.	.00
062C000	TERRAZZO FLOORING	184994.	.00
0572700	RUBBER INTERIOR STEPS	184670.	.00
0991310	AIR CONDITIONER PAD MOUNT. 5 T	182979.	.00
0991C40	900 TONS	182809.	.00
0639300	ASBESTOS-ACOUSTICAL FIRE RATED	181127.	.00
0991B40	AIR COOLED CONDENSER 100T	180325.	.00
0415U20	EXTERIOR GYPSUM BOARD - PAINTE	177723.	.00
09A1230	25000 CFM	169801.	.00
0991F30	REFRIGERATION FAN COIL 5T	163980.	.00
0813500	VALVE, NON-DRAIN 4"-6"	163938.	.00
0994110	PIPE/FITTINGS, ST.&CI.	160201.	.00
0813800	WATER METER	155909.	.00
0637310	SINGLE GLASS SKYLIGHT UNITS	153822.	.00
0991D20	100 TONS	151244.	.00
0981E30	200 KBTU	147217.	.00
0614700	FABRIC INTERIOR WALL FINISH	140614.	.00
0531120	STEEL (W/SAFETY GLASS) PANTD.I	139370.	.00
0415W20	MASONITE PANELS - SEALED 2ND F	137100.	.00
09A1B10	400 CFM	136052.	.00
0991B10	5 TONS	135733.	.00
0612600	CONCRETE BRICK WALL FINISH	134013.	.00
0531210	STEEL UNPAINTED INTERIOR DOOR	133538.	.00
0433320	STEEL LOUVERS WITH FRAME 2ND F	132072.	.00
0415K20	STEEL (SELF-COAT) EXT. FIN. 2N	130108.	.00
0415U10	EXTERIOR GYPSUM BOARD - PAINTE	121613.	.00
0812400	PIPE AND FITTINGS, PVC	119649.	.00
0994220	GATE VALVE, 2"-3"	116019.	.00
0424110	METAL GRATED PAINTED EXT DOOR	113255.	.00
09E1130	FLOW SENSOR	112273.	.00
1123700	MOTOR STARTER, 601-15,000 V	110519.	.00
1281500	TRANSFER SWITCH	106801.	.00
0814500	VALVE, NON DRAIN 4"-6"	104579.	.00
1122360	CIRCUIT BREAKER, M.C. > 600V 3	104347.	.00
0811M00	EMERGENCY EYE WASH	102436.	.00
0415320	CLAY BRICK (PAINTD) EXT. FIN.	101549.	.00
0637320	SKYLIGHT INTEGRATED W/STRUCTUR	100384.	.00
0415P30	ASBESTOS EXTERIOR FINISH 3RD+	94461.	.00
0442100	WROUGHT IRON EXT. PORCH RAILIN	91286.	.00
0415P20	ASBESTOS EXTERIOR FINISH 2ND F	88813.	.00
1282100	STATIC CHARGER, BATTERY	87083.	.00
0415N10	PLATE GLASS EXTERIOR FINISH 1S	86957.	.00
1118700	BUSS DUCT	85804.	.00
0634400	FORMICA CEILING FINISH	82869.	.00
0811L00	EMERGENCY SHOWER STATION	79844.	.00
0583100	BRASS INTERIOR DOOR CLOSER	78825.	.00
0614300	POLYESTER INTERIOR WALL FIN.	77992.	.00
09A1310	6500 CFM	76308.	.00
0421330	STEEL SLIDING UNPAINTED EXT DO	75938.	.00
0415430	CONCRETE BRICK EXTERIOR FIN. 3	74853.	.00
0415410	CONCRETE BRICK EXTERIOR FIN. 1	73222.	.00
0962100	PIPE/FITTINGS, PVC	71528.	.00
09A1820	1200 CFM	70577.	.00
0415J30	ALUMINUM SIDING (ANODZD) FIN.	68351.	.00
0994130	PIPE AND FITTINGS, PVC	68085.	.00
0415R10	SYNTHETIC VENEER-PLASTER EXT.F	67599.	.00
1145000	SPECIAL GROUND SYSTEM	66577.	.00

0616500	LEAD-LINED INTERIOR WALL	66478.	.00
0421320	STEEL(SAFTY GLASS, UNPNT EXT DO	65710.	.00
0534310	STEEL VAULT DOOR	64769.	.00
0434720	STEEL FRAME SCREEN COVER 2ND F	63985.	.00
0813B00	CIRCULATOR PUMP 1/6 HP	63550.	.00
0415420	CONCRETE BRICK EXTERIOR FIN. 2	62929.	.00
0534330	LEAD-LINED (WOOD) MEDICAL INTE	60956.	.00
0415E30	WOOD, FINISH(SINGLE COAT)EXT.F	59432.	.00
09C1210	AIR CURTAIN, 1000 CFM	57931.	.00
0434710	STEEL FRAME SCREEN COVER 1ST F	56411.	.00
0422220	WOOD FRAME (PNTD) FULL GLZD SL	54246.	.00
0586100	METAL INTERIOR EXIT BOLT (PANI	51269.	.00
0415R20	SYNTHETIC VENEER-PLASTER EXT.F	49789.	.00
0424330	WOOD LOUVERED EXTERIOR DOORS	49260.	.00
0981K10	FLASH TANK	48641.	.00
0476100	METAL EXIT BOLT	45776.	.00
0421310	STEEL (UNPAINTED) METAL EXTERI	44641.	.00
0813C00	CIRCULATOR PUMP 1/2 HP	43395.	.00
0425200	STEEL EXTERIOR GATE	43119.	.00
0814000	CIRCULATION PUMP > 1 HP.	42942.	.00
0551400	METAL PIPE CHIMNEY, FIREPLACES	42197.	.00
1122440	LOW VOLTAGE CARTRIDGE	41032.	.00
0474100	BRASS EXTERIOR DEAD BOLT	40236.	.00
0991D10	20 TONS	38651.	.00
0424210	METAL WIRE MESH PAINTED EXT DO	36319.	.00
0619500	FIBERGLASS PANEL INTERIOR WALL	34066.	.00
0424310	ALUMINUM LOUVERED EXT DOORS	34011.	.00
0912200	PRESS. REDUCING VALVE, .5 INCH	33863.	.00
0415530	CONCRETE BRICK (PNTED) EXT. FI	33435.	.00
0981B10	BLOWOFF SYSTEM	33433.	.00
0905100	ROOM HUMIDIFIER, FLOOR TYPE	32568.	.00
0431710	DOUBLE PANE STEEL OPER.WNDW. 1	32076.	.00
09C2100	METAL FLUE/CHIMNEY	30670.	.00
0632400	CERAMIC TILE CEILING	29236.	.00
0415N20	PLATE GLASS EXTERIOR FINISH 2N	28627.	.00
0443400	STEEL (METAL) EXTER. PORCH-DEC	27527.	.00
1119400	RECTIFIER, UNDER 600 V	25350.	.00
0415520	CONCRETE BRICK (PNTED) EXT. FI	25236.	.00
1119100	METER, DARSONVAL GALVANOMETER	24472.	.00
0534210	ALUMINUM LOUVERED INTERIOR DOO	24380.	.00
0572300	METAL INTERIOR STEPS	24354.	.00
1282200	MOTOR GENERATOR, BATTERY	24292.	.00
1122450	PLUG FUSE	22870.	.00
0639100	ACOUSTICAL TILE-SPECIAL PURPOS	22445.	.00
0531230	STEEL SLIDING UNPAINTED INTERI	22086.	.00
0622300	BRICK FLOORING	21960.	.00
0443300	CLAY BRICK EXTERIOR PORCH SUPP	21956.	.00
1131200	QUARTZ LIGHTING FIXTURE	20812.	.00
0561200	METAL TRIMMING	20212.	.00
0991E00	EXPANSION TANK	20049.	.00
0415K30	STEEL (SELF-COAT) EXT. FIN. 3R	18543.	.00
0415330	CLAY BRICK (PAINTD) EXT. FIN.	18531.	.00
1243000	LIGHT DIMMING PANEL	17866.	.00
0475100	BRASS EXTERIOR WEATHERSTRIPPIN	17287.	.00
0981710	FUEL OIL EQUIPMENT	17261.	.00
0832310	METAL PIPE	16095.	.00
09E1140	RADIATION SENSOR	15420.	.00
0617200	PLATE GLASS INTERIOR WALL	15090.	.00
0614200	NYLON INTERIOR WALL FIN.	14791.	.00
0813F00	CIRCULATION PUMP GREATER THAN	14741.	.00
1144000	COMPUTER SYSTEM GROUND	13611.	.00
0461300	WROUGHT IRON EXTERIOR STAIR RA	13216.	.00
0553100	CLAY BRICK FINISH, FIREPLACE	13051.	.00
0813A00	CIRCULATOR PUMP 1 1/2 HP	12446.	.00
0551200	CONCRETE CHIMNEY, FIREPLACE	11770.	.00
0444300	CLAY BRICK EXTERIOR PORCH COLU	11500.	.00
0311220	THERMOSETTING	10803.	.00
0415030	FORMICA - VINYL EXTERIOR FIN.	9507.	.00
0434220	STEEL FRAME STORM WINDOWS 2ND	9116.	.00
0415S30	PORCELAIN PANELS EXTERIOR FIN.	9093.	.00
0634100	PAPER CEILING	8918.	.00
0532120	ALUMINUM FRAME SLIDING INTERIO	8877.	.00

0813000	PIPE AND FITTINGS, PVC	7991.	.00
0415B20	STONE EXTERIOR FINISH 2ND FLOO	7876.	.00
0634300	FABRIC CEILING	7462.	.00
0415B10	STONE EXTERIOR FINISH 1ST FLOO	7028.	.00
0415710	STRUCT. CLAY TILE (WP/P)EXT.FI	6994.	.00
0531220	STEEL (W/SAFETY GLASS) INTERIO	6776.	.00
0415G10	WOOD SHAKES (UNFINISH)EXT.FIN.	6607.	.00
0415D10	TERRACOTTA EXTERIOR FINISH 1ST	6246.	.00
1122320	CIRCUIT BREAKER, MC, 600 V AND	6210.	.00
0431920	DOUBLE PANE PLASTIC FRM.OPR.WN	6162.	.00
0554100	FIREBRICK, FIREPLACE	5638.	.00
1142000	BUILDING STRUCTURE GROUND	5461.	.00
0637100	PLATE GLASS (MOUNTED) CEILING	5403.	.00
0434210	STEEL FRAME STORM WINDOWS 1ST	5270.	.00
0415610	STRUCTURAL CLAY TILE EXT. FIN.	4628.	.00
0432230	STEEL FRAME (PAINT) FIXED WNDW	4450.	.00
0572400	MASONRY INTERIOR STEPS (UNPAIN	4371.	.00
0431910	DOUBLE PANE PLASTIC FRM.OPR.WN	4188.	.00
0434910	LEAD-LINED WINDOW 1ST FLOOR	3626.	.00
09E1150	WIND VELOCITY SENSOR	3263.	.00
0415B30	STONE EXTERIOR FINISH 3RD+ FLO	2859.	.00
0553400	WOOD FINISH, FIREPLACE	2308.	.00
0534410	METAL MESH PAINTED INTERIOR DO	2251.	.00
0462400	MASONRY EXTERIOR STEPS (UNPAIN	2199.	.00
0572500	MASONRY INTERIOR STEPS (PAINTE	1572.	.00
0433330	STEEL LOUVERS WITH FRAME 3RD F	1475.	.00
0421240	STEEL(INSUL CORE) PAINTED EXT	1450.	.00
0531140	STEEL (INSULATED) PAINTED INTE	1397.	.00
0424120	METAL GRATED UNPAINTED EXT DOO	1321.	.00
0612A00	GLAZED CONCR.MASON.UNIT INTER.	1269.	.00
0636200	METAL UNPAINTED INT. CEILING F	1181.	.00
0619100	STONE INTERIOR WALL	1076.	.00
0814N00	HOT WATER PIPE/FITTINGS PVC.	1064.	.00
0415M20	GLASS BLOCK EXTERIOR FINISH 2N	1023.	.00
0632300	CERAMIC PAN CEILING	842.	.00
0424220	METAL WIRE MESH UNPAINTED EXT	787.	.00
0415620	STRUCTURAL CLAY TILE EXT. FIN.	779.	.00
0462600	QUARRY TILE EXTERIOR STEPS	670.	.00
0415W30	MASONITE PANELS - SEALED 3RD F	553.	.00
0432710	DOUBLE PANE STEEL FIXED WNDW.	539.	.00
0555200	METAL PIPE FLUE, ARCHITECTURAL	381.	.00
0551300	STONE CHIMNEY, FIREPLACE	309.	.00
0415M10	GLASS BLOCK EXTERIOR FINISH 1S	154.	.00
0552200	CONCRETE MANTEL	23.	.00
0617100	GLASS BLOCK INTERIOR WALL	21.	.00

APPENDIX K:

PERCENTAGE OF MAINTENANCE COST BY COMPONENTS FOR ALL BUILDINGS

ORDERED YEARLY SUMMARY COMPONENT REPORT

INSTALLATION: USA 10-01-90 14:12:09

F4C CODE : 0000000

120 YEARS SUMMARY

CACES ID	COMPONENT DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0000000	TOTAL DOLLAR AMOUNT FOR YEARS	6780304000.	
0311100	BUILT-UP ROOFING	341736800.	5.04
0311210	MOD. BITUMINOUS / THERMOPLASTI	858225.	.01
0311220	THERMOSETTING	10803.	.00
0311310	SLATE	695530.	.01
0311320	CEMENT ASBESTOS	876193.	.01
0311330	TILE	7708940.	.11
0311340	ROLL ROOFING	23166250.	.34
0311350	SHINGLES	297083100.	4.38
0311360	METAL	91912780.	1.36
0311370	FIBERGLASS RIGID,STEEP ROOF	848040.	.01
0311410	CONCRETE, SEALED PANEL ROOFING	1426440.	.02
0415120	ADOBE EXTERIOR FINISH SECOND F	1426985.	.02
0415210	CLAY BRICK EXTERIOR FINISH FIR	8171693.	.12
0415220	CLAY BRICK EXTERIOR FINISH SEC	4945359.	.07
0415230	CLAY BRICK EXTERIOR FINISH THI	4184062.	.06
0415310	CLAY BRICK (PAINTED) EXT. FIN.	335496.	.00
0415320	CLAY BRICK (PAINTD) EXT. FIN.	101549.	.00
0415330	CLAY BRICK (PAINTD) EXT. FIN.	18531.	.00
0415410	CONCRETE BRICK EXTERIOR FIN. 1	73222.	.00
0415420	CONCRETE BRICK EXTERIOR FIN. 2	62929.	.00
0415430	CONCRETE BRICK EXTERIOR FIN. 3	74853.	.00
0415510	CONCRETE BRICK (PNTED) EXT. FI	197643.	.00
0415520	CONCRETE BRICK (PNTED) EXT. FI	25236.	.00
0415530	CONCRETE BRICK (PNTED) EXT. FI	33435.	.00
0415610	STRUCTURAL CLAY TILE EXT. FIN.	4628.	.00
0415620	STRUCTURAL CLAY TILE EXT. FIN.	779.	.00
0415710	STRUCT. CLAY TILE (WP/P)EXT.FI	6994.	.00
0415810	CONCRETE BLOCK EXTERIOR FIN. 1	266774.	.00
0415820	CONCRETE BLOCK EXTERIOR FIN. 2	242377.	.00
0415830	CONCRETE BLOCK EXTERIOR FIN. 3	287522.	.00
0415910	CONCRETE BLOCK (WP/P) EXT. FIN	7556570.	.11
0415920	CONCRETE BLOCK (WP/P) EXT. FIN	4760161.	.07
0415930	CONCRETE BLOCK (WP/P) EXT. FIN	2118963.	.03
0415A10	CONCRETE EXTERIOR FINISH 1ST F	16139020.	.24
0415A20	CONCRETE EXTERIOR FINISH 2ND F	7219189.	.11
0415A30	CONCRETE EXTERIOR FINISH 3RD+	10830870.	.16
0415B10	STONE EXTERIOR FINISH 1ST FLOO	7028.	.00
0415B20	STONE EXTERIOR FINISH 2ND FLOO	7876.	.00
0415B30	STONE EXTERIOR FINISH 3RD+ FLO	2859.	.00
0415C10	STUCCO EXTERIOR FINISH 1ST FLO	33995990.	.50
0415C20	STUCCO EXTERIOR FINISH 2ND FLO	19267810.	.28
0415C30	STUCCO EXTERIOR FINISH 3RD+ FL	4325123.	.06
0415D10	TERRACOTTA EXTERIOR FINISH 1ST	6246.	.00
0415E10	WOOD, FINISH(SINGLE COAT)EXT.F	5102048.	.08
0415E20	WOOD, FINISH(SINGLE COAT)EXT.F	2345267.	.03
0415E30	WOOD, FINISH(SINGLE COAT)EXT.F	59432.	.00
0415F10	WOOD, FINISH(MULTI-COAT)EXT.FI	46706460.	.69
0415F20	WOOD, FINISH(MULTI-COAT)EXT.FI	14543300.	.21
0415F30	WOOD, FINISH(MULTI-COAT)EXT.FI	995644.	.01
0415G10	WOOD SHAKES (UNFINISH)EXT.FIN.	6607.	.00
0415I10	ALUMINUM SIDING EXTERIOR FIN.	35732070.	.53
0415I20	ALUMINUM SIDING EXTERIOR FIN.	15286440.	.23
0415I30	ALUMINUM SIDING EXTERIOR FIN.	1574377.	.02
0415J10	ALUMINUM SIDING (ANODZD) FIN.	8895258.	.13
0415J20	ALUMINUM SIDING (ANODZD) FIN.	10991580.	.16
0415J30	ALUMINUM SIDING (ANODZD) FIN.	68351.	.00
0415K10	STEEL (SELF-CAT) EXT. FIN. 1ST	409848.	.01
0415K20	STEEL (SELF-COAT) EXT. FIN. 2N	130108.	.00

0415K30	STEEL (SELF-COAT) EXT. FIN. 3R	18543.	.00
0415L10	STEEL (PAINT) EXTERIOR FIN. 1S	5846428.	.09
0415L20	STEEL (PAINT) EXTERIOR FIN. 2N	3035931.	.04
0415L30	STEEL (PAINT) EXTERIOR FIN. 3R	3549354.	.05
0415M10	GLASS BLOCK EXTERIOR FINISH 1S	154.	.00
0415M20	GLASS BLOCK EXTERIOR FINISH 2N	1023.	.00
0415N10	PLATE GLASS EXTERIOR FINISH 1S	86957.	.00
0415N20	PLATE GLASS EXTERIOR FINISH 2N	28627.	.00
0415O10	FORMICA - VINYL EXTERIOR FIN.	5177432.	.08
0415O20	FORMICA - VINYL EXTERIOR FIN.	8108773.	.12
0415O30	FORMICA - VINYL EXTERIOR FIN.	9507.	.00
0415P10	ASBESTOS EXTERIOR FINISH 1ST F	213120.	.00
0415P20	ASBESTOS EXTERIOR FINISH 2ND F	88813.	.00
0415P30	ASBESTOS EXTERIOR FINISH 3RD+	94461.	.00
0415R10	SYNTHETIC VENEER-PLASTER EXT.F	67599.	.00
0415R20	SYNTHETIC VENEER-PLASTER EXT.F	49789.	.00
0415S10	PORCELAIN PANELS EXTERIOR FIN.	313947.	.00
0415S20	PORCELAIN PANELS EXTERIOR FIN.	221693.	.00
0415S30	PORCELAIN PANELS EXTERIOR FIN.	9093.	.00
0415T10	ALUMINUM CORGATD.PANELS EXT.FI	1776433.	.03
0415T20	ALUMINUM CORGATD PANEL EXT.FIN	2132528.	.03
0415T30	ALUMINUM CORGATD PANEL EXT.FIN	242832.	.00
0415U10	EXTERIOR GYPSUM BOARD - PAINTE	121613.	.00
0415U20	EXTERIOR GYPSUM BOARD - PAINTE	177723.	.00
0415W10	MASONITE PANELS - SEALED 1ST F	375419.	.01
0415W20	MASONITE PANELS - SEALED 2ND F	137100.	.00
0415W30	MASONITE PANELS - SEALED 3RD F	553.	.00
0415X10	FIBERGLASS PANELS EXT. FIN. 1S	522918.	.01
0415X20	FIBERGLASS PANELS EXT. FIN. 2N	570508.	.01
0421110	ALUMINUM (PLAIN & ANODIZED) EX	4413475.	.07
0421120	ALUMINUM (P&L) FRAME & DOOR	756081.	.01
0421130	ALUMINUM SLIDING EXT PL & AL D	1196715.	.02
0421210	STEEL (PAINTED) METAL EXTERIOR	15072630.	.22
0421220	STEEL (W/SAFTY GLAS) PAINTED E	3645537.	.05
0421230	STEEL SLIDING PAINTED EXT DOOR	357367.	.01
0421240	STEEL(INSUL CORE) PAINTED EXT	1450.	.00
0421310	STEEL (UNPAINTED) METAL EXTERI	44641.	.00
0421320	STEEL(SAFTY GLAS) UNPNT EXT DO	65710.	.00
0421330	STEEL SLIDING UNPAINTED EXT DO	75938.	.00
0422110	ALUMINUM FRAME FULL GLZD EXT.D	2730148.	.04
0422120	ALUMINUM FRAME FULL GLZD SLDIN	3209102.	.05
0422210	WOOD FRAME (PAINT) FULL GLZD.E	4943624.	.07
0422220	WOOD FRAME (PNTD) FULL GLZD SL	54246.	.00
0423110	HOLLOW CORE (PAINTED) WOOD EXT	4282808.	.06
0423210	SOLID CORE (PAINTED) WOOD EXTE	35388680.	.52
0423220	SOLID CORE SLIDING WOOD EXT. D	553450.	.01
0423230	SOLID CORE(SAFTY GLAS) PAINTED	16811250.	.25
0424110	METAL GRATED PAINTED EXT DOOR	113255.	.00
0424120	METAL GRATED UNPAINTED EXT DOO	1321.	.00
0424210	METAL WIRE MESH PAINTED EXT DO	36319.	.00
0424220	METAL WIRE MESH UNPAINTED EXT	787.	.00
0424310	ALUMINUM LOUVERED EXT DOORS	34011.	.00
0424320	STEEL LOUVERED EXTERIOR DOORS	693182.	.01
0424330	WOOD LOUVERED EXTERIOR DOORS	49260.	.00
0425200	STEEL EXTERIOR GATE	43119.	.00
0425300	WOOD EXTERIOR GATE	8499494.	.13
0426110	ALUMINUM (PLN & ANODZD) SCREEN	49568970.	.73
0427100	STEEL SINGLE ROLL-UP DOOR	6503927.	.10
0427200	STEEL DOUBLE ROLL-UP DOOR	411219.	.01
0427300	ALUMINUM SINGLE ROLL-UP DOOR	1299040.	.02
0427500	WOOD SINGLE ROLL-UP DOORS	5569575.	.08
0427600	WOOD DOUBLE ROLL-UP DOOR	251790.	.00
0431110	ALUMINUM OPERABLE WINDOWS 1ST	21864860.	.32
0431120	ALUMINUM OPERABLE WINDOW 2ND F	11152800.	.16
0431130	ALUMINUM OPERABLE WINDOW 3RD+	11907220.	.18
0431210	STEEL FRM.(PAINT)OPER.WNDW 1ST	4282031.	.06
0431220	STEEL FRM.(PAINT) OPER.WNDW 2N	4008094.	.06
0431230	STEEL FRM.(PAINT) OPER.WNDW 3R	2761264.	.04
0431310	WOOD FRM.(PAINT) OPER.WNDW 1ST	19083260.	.28
0431320	WOOD FRM.(PAINT) OPER.WNDW 2ND	20247400.	.30
0431330	WOOD FRM. (PAINT) OPER. WNDW.	797680.	.01
0431610	DOUBLE PANE ALUMINUM OPER.WNDW	18839800.	.28

0431620	DOUBLE PANE ALUMINUM OPER.WNDW	13831390.	.20
0431630	DOUBLE PANE ALUMINUM OPER.WNDW	845986.	.01
0431710	DOUBLE PANE STEEL OPER.WNDW. 1	32076.	.00
0431810	DOUBLE PANE WOOD FRM.OPER.WNDW	9597426.	.14
0431820	DOUBLE PANE WOOD FRM. OPER.WNDW	7997341.	.12
0431910	DOUBLE PANE PLASTIC FRM.OPR.WN	4188.	.00
0431920	DOUBLE PANE PLASTIC FRM.OPR.WN	6162.	.00
0432110	ALUMINUM FIXED WINDOW 1ST FLOO	2636968.	.04
0432120	ALUMINUM FIXED WINDOW 2ND FLOO	905815.	.01
0432130	ALUMINUM FIXED WINDOW 3RD+ FLO	726780.	.01
0432210	STEEL FRAME (PAINT) FIXED WNDW	534104.	.01
0432220	STEEL FRAME (PAINT) FIXED WNDW	485454.	.01
0432230	STEEL FRAME (PAINT) FIXED WNDW	4450.	.00
0432310	WOOD FRAME (PAINT) FIXED WNDW.	6258194.	.09
0432320	WOOD FRAME (PAINT) FIXED WNDW.	1839255.	.03
0432330	WOOD FRAME (PAINT) FIXED WNDW.	203762.	.00
0432610	DOUBLE PANE ALUMINUM FIXED WND	1384497.	.02
0432620	DOUBLE PANE ALUMINUM FIXED WND	1283426.	.02
0432630	DOUBLE PANE ALUMINUM FIXED WND	708499.	.01
0432710	DOUBLE PANE STEEL FIXED WNDW.	539.	.00
0433110	WOOD LOUVER IN FRAME 1ST FLOOR	2271809.	.03
0433120	WOOD LOUVER IN FRAME 2ND FLOOR	2401500.	.04
0433130	WOOD LOUVER IN FRAME 3RD FLOOR	1754920.	.03
0433210	ALUMINUM LOUVER IN FRAME 1ST F	12500560.	.18
0433220	ALUMINUM LOUVERS (IN FRAME) 2N	3506677.	.05
0433230	ALUMINUM LOUVER (IN FRAME) 3RD	955733.	.01
0433310	STEEL LOUVERS WITH FRAME 1ST F	3554219.	.05
0433320	STEEL LOUVERS WITH FRAME 2ND F	132072.	.00
0433330	STEEL LOUVERS WITH FRAME 3RD F	1475.	.00
0433510	ALUMINUM SHUTTER WITH FRAME 1S	2144435.	.03
0433520	ALUMINUM SHUTTER WITH FRAME 2N	311353.	.00
0434110	ALUMINUM FRAME STORM WINDOWS 1	7082057.	.10
0434120	ALUMINUM FRAME STORM WINDOWS 2	3703716.	.05
0434130	ALUMINUM FRAME STORM WINDOWS 3	1469860.	.02
0434210	STEEL FRAME STORM WINDOWS 1ST	5270.	.00
0434220	STEEL FRAME STORM WINDOWS 2ND	9116.	.00
0434310	WOOD FRAME STORM WINDOW 1ST FL	188041.	.00
0434320	WOOD FRAME STORM WINDOW 2ND FL	313231.	.00
0434410	METAL WINDOW GRATINGS 1ST FLOO	5155144.	.08
0434420	METAL WINDOW GRATINGS 2ND FLOO	492496.	.01
0434430	METAL WINDOW GRATINGS 3RD FLOO	208896.	.00
0434510	METAL WIRE MESH WINDOW COVER 1	878061.	.01
0434520	METAL WIRE MESH WINDOW COVER 2	357361.	.01
0434610	ALUMINUM FRAME SCREEN COVER 1S	23687220.	.35
0434620	ALUMINUM FRAME SCREEN COVER 2N	16895150.	.25
0434630	ALUMINUM FRAME SCREEN COVER 3R	2958143.	.04
0434710	STEEL FRAME SCREEN COVER 1ST F	56411.	.00
0434720	STEEL FRAME SCREEN COVER 2ND F	63985.	.00
0434810	WOOD FRAME SCREEN WINDOW COVER	739705.	.01
0434820	WOOD FRAME SCREEN WINDOW COVER	721327.	.01
0434910	LEAD-LINED WINDOW 1ST FLOOR	3626.	.00
0441100	CONCRETE DECKING - PORCH	25319470.	.37
0441200	WOOD DECKING - PORCH	1312551.	.02
0441300	METAL DECKING-PORCH	188447.	.00
0442100	WROUGHT IRON EXT. PORCH RAILIN	91286.	.00
0442200	WOOD EXTERIOR PORCH RAILING	752940.	.01
0442300	STEEL (METAL) PAINTED RAILING	2814755.	.04
0442400	STEEL (METAL)UNPAINTED RAILING	354218.	.01
0443100	CONCRETE EXTERIOR PORCH SUPPOR	403952.	.01
0443200	WOOD EXTERIOR PORCH SUPPORTS	910132.	.01
0443300	CLAY BRICK EXTERIOR PORCH SUPP	21956.	.00
0443400	STEEL (METAL) EXTER. PORCH-DEC	27527.	.00
0444100	METAL EXTERIOR PORCH COLUMNS	5558415.	.08
0444200	WOOD EXTERIOR PORCH COLUMNS	1304880.	.02
0444300	CLAY BRICK EXTERIOR PORCH COLU	11500.	.00
0451100	STONE EXTERIOR CORNICE	550346.	.01
0451200	WOOD EXTERIOR CORNICE	3627534.	.05
0461100	WOOD EXTERIOR STAIR RAILING	269823.	.00
0461200	METAL EXTERIOR STAIR RAILING	1244359.	.02
0461300	WROUGHT IRON EXTERIOR STAIR RA	13216.	.00
0462100	CONCRETE EXTERIOR STEPS	1426057.	.02
0462200	WOOD EXTERIOR STEPS	982230.	.01

0462300	METAL EXTERIOR STEPS	251944.	.00
0462400	MASONRY EXTERIOR STEPS (UNPAIN	2199.	.00
0462600	QUARRY TILE EXTERIOR STEPS	670.	.00
0471100	BRASS EXTERIOR HINGE	362848.	.01
0472100	BRASS EXTERIOR LOCKSET	1723389.	.03
0473100	BRASS EXTERIOR DOOR CLOSER	333976.	.00
0474100	BRASS EXTERIOR DEAD BOLT	40236.	.00
0475100	BRASS EXTERIOR WEATHERSTRIPPIN	17287.	.00
0476100	METAL EXIT BOLT	45776.	.00
0521100	STEEL PARTITIONS	238810.	.00
0522100	FABRIC PARTITION	1662291.	.02
0531110	STEEL PAINTED INTERIOR DOOR	6355871.	.09
0531120	STEEL (W/SAFETY GLASS) PANTD.I	139370.	.00
0531130	STEEL SLIDING (PAINTED) INTERI	16160260.	.24
0531140	STEEL (INSULATED) PAINTED INTE	1397.	.00
0531210	STEEL UNPAINTED INTERIOR DOOR	133538.	.00
0531220	STEEL (W/SAFETY GLASS) INTERIO	6776.	.00
0531230	STEEL SLIDING UNPAINTED INTERI	22086.	.00
0531310	ALUMINUM (PLAIN & ANODIZED)INT	702164.	.01
0531320	ALUMINUM(W/SAFETY GLASS)PLN.&A	520893.	.01
0531330	ALUMINUM SLIDING(PL.&ANZD.)INT	4537805.	.07
0532110	ALUMINUM FRAME INTERIOR DOOR	620088.	.01
0532120	ALUMINUM FRAME SLIDING INTERIO	8877.	.00
0532210	WOOD FRAME PAINTED INTERIOR DO	363269.	.01
0533110	HOLLOW CORE(PAINTED)INTERIOR D	206509700.	3.05
0533120	HOLLOW CORE(PAINTED)SLIDING IN	26374350.	.39
0533210	SOLID CORE (PAINTED) INTERIOR	78135220.	1.15
0533220	SOLID CORE (PAINTED) SLIDING I	23396570.	.35
0533230	SOLID CORE(W/SAFETY GLASS)(PNT	3496219.	.05
0534110	PANELED DOOR	3412302.	.05
0534120	LOUVERED DOOR	1375928.	.02
0534210	ALUMINUM LOUVERED INTERIOR DOO	24380.	.00
0534220	STEEL LOUVERED INTERIOR DOOR	2838425.	.04
0534230	WOOD LOUVERED INTERIOR DOORS	19933690.	.29
0534310	STEEL VAULT DOOR	64769.	.00
0534320	METAL WALK-IN INTERIOR COOLER	728643.	.01
0534330	LEAD-LINED (WOOD) MEDICAL INTE	60956.	.00
0534410	METAL MESH PAINTED INTERIOR DO	2251.	.00
0551100	CLAY BRICK CHIMNEY, FIREPLACE	597248.	.01
0551200	CONCRETE CHIMNEY, FIREPLACE	11770.	.00
0551300	STONE CHIMNEY, FIREPLACE	309.	.00
0551400	METAL PIPE CHIMNEY, FIREPLACES	42197.	.00
0552100	WOOD MANTEL	335108.	.00
0552200	CONCRETE MANTEL	23.	.00
0553100	CLAY BRICK FINISH, FIREPLACE	13051.	.00
0553400	WOOD FINISH, FIREPLACE	2308.	.00
0554100	FIREBRICK, FIREPLACE	5638.	.00
0555200	METAL PIPE FLUE, ARCHITECTURAL	381.	.00
0561100	WOOD TRIMMING	31890920.	.47
0561200	METAL TRIMMING	20212.	.00
0561300	TERRAZZO TRIMMING	664812.	.01
0561400	CERAMIC TRIMMING	11458640.	.17
0561600	RUBBER / VINYL TRIMMING	7168764.	.11
0571100	WOOD INTERIOR RAILINGS	1351065.	.02
0571200	METAL INTERIOR RAILINGS	760048.	.01
0572100	CONCRETE INTERIOR STEPS	687190.	.01
0572200	WOOD INTERIOR STEPS	4867903.	.07
0572300	METAL INTERIOR STEPS	24354.	.00
0572400	MASONRY INTERIOR STEPS (UNPAIN	4371.	.00
0572500	MASONRY INTERIOR STEPS (PAINTE	1572.	.00
0572600	CARPETED INTERIOR STEPS	689590.	.01
0572700	RUBBER INTERIOR STEPS	184670.	.00
0581100	BRASS INTERIOR HINGES	633387.	.01
0582100	BRASS INTERIOR LOCKSET	4319404.	.06
0583100	BRASS INTERIOR DOOR CLOSER	78825.	.00
0586100	METAL INTERIOR EXIT BOLT (PANI	51269.	.00
0611100	PLASTER WALL FINISH	84652090.	1.25
0611200	SHEETROCK (STIPPLED) WALL FIN.	49529200.	.73
0611300	SHEETROCK (UNSTIPPLED) WALL FI	277865700.	4.10
0611400	STUCCO INTERIOR WALL FINISH	1085214.	.02
0612100	CLAY BLOCK WALL FINISH	210322.	.00
0612200	CLAY BLOCK (PAINTED WALL FINIS	1337581.	.02

0612300	CONCRETE BLOCK WALL FINISH	511348.	.01
0612400	CONCRETE BLOCK (PAINTED) WALL	89863580.	1.33
0612500	CLAY BRICK WALL FINISH	735287.	.01
0612600	CONCRETE BRICK WALL FINISH	134013.	.00
0612800	CERAMIC TILE WALL FIN.	78266210.	1.15
0612900	MASONITE INTERIOR WALL FINISH	2892040.	.04
0612A00	GLAZED CONCR.MASON.UNIT INTER.	1269.	.00
0614100	FORMICA INTERIOR WALL FIN.	3426485.	.05
0614200	NYLON INTERIOR WALL FIN.	14791.	.00
0614300	POLYESTER INTERIOR WALL FIN.	77992.	.00
0614400	VINAL INTERIOR WALL FIN.	6097138.	.09
0614500	WALLPAPER INTERIOR WALL FIN.	6960247.	.10
0614700	FABRIC INTERIOR WALL FINISH	140614.	.00
0614800	CARPETED INTERIOR WALL FINISH	1096423.	.02
0615100	PLYWOOD (PAINTED/STAINED) INT.	13031700.	.19
0615200	PLYWOOD (UNPNTED/UNSTAINED) IN	1422967.	.02
0615300	TIMBER (FINISHED) INTERIOR WAL	2085779.	.03
0615400	TIMBER (UNFINSHED) INTERIOR WA	4738406.	.07
0615500	PANEL (SOLID) INTERIOR WALL	1907961.	.03
0615600	PANEL (LAMINATED) INTERIOR WAL	4765626.	.07
0615700	BOARD (FINISHED) INTER. WALL	5085609.	.08
0615800	BOARD (UNFINISHED) INTER. WALL	913906.	.01
0615900	WAINSCOT INTERIOR WALL	5263814.	.08
0616100	ALUMINUM INTERIOR WALL	2330949.	.03
0616200	STEEL INTERIOR FINISH (UNPAINT	497983.	.01
0616300	STEEL INTERIOR FINISH (PAINTED	25932630.	.38
0616400	WIRE MESH WALL	11741720.	.17
0616500	LEAD-LINED INTERIOR WALL	66478.	.00
0617100	GLASS BLOCK INTERIOR WALL	21.	.00
0617200	PLATE GLASS INTERIOR WALL	15090.	.00
0619100	STONE INTERIOR WALL	1076.	.00
0619200	ACOUSTICAL INTERIOR WALL TILE	2573133.	.04
0619300	CORK INTERIOR WALL TILE	3330556.	.05
0619400	ASBESTOS-ACOUSTICAL FIRE RATED	617067.	.01
0619500	FIBERGLASS PANEL INTERIOR WALL	34066.	.00
061A100	CONCRETE, UNFINISHED INTERIOR	3328127.	.05
061A200	CONCRETE, FINISHED INTERIOR WA	20993550.	.31
0622100	CERAMIC TILE FLOORING	10048040.	.15
0622200	QUARRY TILE FLOORING	10335990.	.15
0622300	BRICK FLOORING	21960.	.00
0625100	WOOD PARTQUETRY FLOORING	55113600.	.81
0625200	MAPLE FLOOR	83775550.	1.24
0625300	PLYWOOD FLOOR	2714004.	.04
0626100	STEEL FLOORING	14475430.	.21
0626200	METAL GRATING	282938.	.00
0629100	CARPET, FLOOR	120608500.	1.78
062A100	LINOLEUM FLOORING	37533010.	.55
062A200	VINYL ASBESTOS TILE FLOORING	167230500.	2.47
062A300	RUBBER TILE FLOORING	2472370.	.04
062A400	VINYL SHEET FLOORING	34436180.	.51
062B100	CONCRETE, UNFINSHED FLOORING	17538760.	.26
062B200	CONCRETE, FINISHED FLOORING	12518370.	.18
062C000	TERRAZZO FLOORING	184994.	.00
062D100	BITUMINOUS FLOORING	1407977.	.02
0631100	PLASTER CEILING	56341170.	.83
0631200	SHEETROCK (STIPPLED) CEILING	29525240.	.44
0631300	SHEETROCK (UNSTIPPLED) CEILING	106678100.	1.57
0631400	STUCCO INTERIOR CEILING FINISH	1139558.	.02
0632100	ACOUSTICAL TILE CEILING	2358568.	.03
0632200	ACOUSTICAL TILE (DROPPED) CEIL	12702060.	.19
0632300	CERAMIC PAN CEILING	842.	.00
0632400	CERAMIC TILE CEILING	29236.	.00
0634100	PAPER CEILING	8918.	.00
0634200	PLASTIC CEILING	576468.	.01
0634300	FABRIC CEILING	7462.	.00
0634400	FORMICA CEILING FINISH	82869.	.00
0635100	WOOD FINISHED CEILING	21637980.	.32
0635200	WOOD UNFINSHED CEILING	51808000.	.76
0636100	METAL CEILING (PAINTED)	62167810.	.92
0636200	METAL UNPAINTED INT. CEILING F	1181.	.00
0637100	PLATE GLASS (MOUNTED) CEILING	5403.	.00
0637310	SINGLE GLASS SKYLIGHT UNITS	153822.	.00

0637320	SKYLIGHT INTEGRATED W/STRUCTUR	100384.	.00
0639100	ACOUSTICAL TILE-SPECIAL PURPOS	22445.	.00
0639300	ASBESTOS-ACOUSTICAL FIRE RA ED	181127.	.00
063A100	CONCRETE, UNFINSHED CEILING	929312.	.01
063A200	CONCRETE, FINISHED CEILING	12146630.	.18
0811100	TANKLESS WATER CLOSET	23923720.	.35
0811200	FLUSH TANK WATER CLOSET	30858210.	.46
0811300	URINAL	11132410.	.16
0811400	LAVATORY, IRON, ENAMEL	18776320.	.28
0811500	LAVATORY, VITREOUS CHINA	34691760.	.51
0811600	LAVATORY, ENAMELED STEEL	17944410.	.26
0811700	BATH TUB, CAST IRON	9634941.	.14
0811800	BATH TUB, ENAMELED STEEL	33112390.	.49
0811900	SHOWER, TERRAZO	10019270.	.15
0811A00	SHOWER, ENAMELED STEEL	3009213.	.04
0811B00	SHOWER, PLASTIC	13463610.	.20
0811C00	SHOWER, ALUMINUM	1664007.	.02
0811D00	SINK, IRON ENAMEL	4410342.	.07
0811E00	SINK, ENAMELED STEEL	5803482.	.09
0811F00	SINK, STAINLESS STEEL	33563990.	.50
0811G00	SINK, PLASTIC	1284846.	.02
0811H00	DRINKING FOUNTAIN	36194800.	.53
0811I00	SPIGOT	2793452.	.04
0811J00	BATHTUB, PLASTIC	8744074.	.13
0811K00	LAVATORY, PLASTIC	406512.	.01
0811L00	EMERGENCY SHOWER STATION	79844.	.00
0811M00	EMERGENCY EYE WASH	102436.	.00
0812100	PIPE & FITTINGS	41324230.	.61
0812200	FLOOR DRAIN, WITHOUT BUCKET	17939220.	.26
0812300	FLOOR DRAIN, WITH BUCKET	6260347.	.09
0812400	PIPE AND FITTINGS, PVC	119649.	.00
0813100	PIPE & FITTINGS, STEEL OR CAST	11315740.	.17
0813200	PIPE & FITTINGS, COPPER	13447600.	.20
0813300	VALVE, NON-DRAIN 3/8" - 1 1/2"	10402000.	.15
0813400	VALVE, NON-DRAIN 2"-3"	1401665.	.02
0813500	VALVE, NON-DRAIN 4"-6"	163938.	.00
0813600	VALVE, DRAIN	29997990.	.44
0813700	EXPANSION CHAMBER	13379190.	.20
0813800	WATER METER	155909.	.00
0813900	INSULATION, PIPE	2276495.	.03
0813A00	CIRCULATOR PUMP 1 1/2 HP	12446.	.00
0813B00	CIRCULATOR PUMP 1/6 HP	63550.	.00
0813C00	CIRCULATOR PUMP 1/2 HP	43395.	.00
0813D00	PIPE AND FITTINGS, PVC	7991.	.00
0813E00	HOSE BIBB	5138896.	.08
0813F00	CIRCULATION PUMP GREATER THAN	14741.	.00
0814100	PIPE & FITTINGS, STEEL OR CAST	6509772.	.10
0814200	PIPE & FITTINGS, COPPER	12159160.	.18
0814300	VALVE, NON DRAIN 3/8"-1 1/2"	13893110.	.20
0814400	VALVE, NON DRAIN 2"-3"	961450.	.01
0814500	VALVE, NON DRAIN 4"-6"	104579.	.00
0814600	VALVE, DRAIN	31026610.	.46
0814700	EXPANSION CHAMBER	2208514.	.03
0814800	INSULATION, PIPE	3388037.	.05
0814900	CIRCULATOR PUMP, 1 1/2 HP	492308.	.01
0814A00	CIRCULATOR PUMP, 1/6 HP	1379485.	.02
0814B00	CIRCULATOR PUMP, 1/2 HP	979591.	.01
0814C00	STEAM CONVERTOR, DOMESTIC HOT	1340998.	.02
0814D00	HOT WATER HTR, GAS/OIL 30 GAL	24686640.	.36
0814E00	HOT WATER HTR, GAS/OIL 75 GAL	72761690.	1.07
0814F00	HOT WATER HTR, GAS/OIL 1000 GP	6792504.	.10
0814G00	HOT WATER HTR, GAS/OIL 8-120GP	309481.	.00
0814H00	HOT WATER HEATER ELEC. 120 GAL	89432540.	1.32
0814I00	HOT WATER HEATER ELEC. 300 GAL	520076.	.01
0814J00	HOT WATER HEATER ELEC. 1000 GA	5800176.	.09
0814K00	HOT WATER HEATER ELEC. 2000 GA	1723422.	.03
0814L00	HOT WATER HEATER ELEC. 52 GAL.	6181093.	.09
0814M00	HOT WATER STORAGE TANK, DHW	806145.	.01
0814N00	HOT WATER PIPE/FITTINGS PVC.	1064.	.00
0814O00	CIRCULATION PUMP > 1 HP.	42942.	.00
0821100	DRAIN, ROOF SCUPPER, AREA	3747514.	.06
0822100	DISTRIBUTION, GUTTERS, PIPE	63469520.	.94

0823100	SUMP PUMP	771570.	.01
0831110	1 H.P.	6390165.	.04
0831120	VACUUM PUMP	456598.	.01
0831130	GAS COMPRESSOR > 1/2 HP	4473665.	.07
0831140	GAS COMPRESSOR > 15 HP	1459813.	.02
0831150	COMPRESSED AIR DRYER	1089277.	.02
0831210	RUBBER	401018.	.01
0831310	METAL PIPE	2292032.	.03
0832310	METAL PIPE	16095.	.00
0833110	PIPE AND FITTING, ANESTHESIA	466000.	.01
0833210	PIPE AND FITTING, OXYGEN	530622.	.01
0841100	DISHWASHER	87304830.	1.29
0841200	WASTE DISPOSAL, RESIDENTIAL	34911030.	.51
0841300	WATER SOFTENER	1657882.	.02
0844110	OPEN HEAD SPRINKLER HEAD	4742944.	.07
0911100	GAS METER	1718150.	.03
0912100	PIPE FITTINGS, STEEL/IRON	6304472.	.09
0912200	PRESS. REDUCING VALVE, .5 INCH	33863.	.00
0921100	OIL STORAGE TANK, 275 GAL.	931406.	.01
0923100	PIPE/FITTINGS, COPPER	5403197.	.08
0931100	LPG STORAGE TANK,1000 GALLON	866940.	.01
0933100	PIPE/FITTINGS, STEEL/IRON	415307.	.01
0941100	STEAM CONVERTOR, LESS THAN 300	1713130.	.03
0941200	FLASH TANK, 24 GALLON	425211.	.01
0941300	STEAM REGULATION VALVE - 2"	1362059.	.02
0942100	RADIATOR VALVE 1"	478236.	.01
0943100	CAST IRON RADIATOR 10 SECT	231697.	.00
0943200	BASEBOARD RADIATION 10 FT	539408.	.01
0943300	FINNED RADIATOR, WALL 10 FT	13399790.	.20
0961100	SOLAR PANEL, 3' X 8'	2520807.	.04
0961200	SOLAR STORAGE TANK, 1000 GALLO	1041487.	.02
0962100	PIPE/FITTINGS, PVC	71528.	.00
0981110	250 BTU	28367260.	.42
0981120	2000 BTU	10755110.	.16
0981130	10000 BTU	4500830.	.07
0981210	40000 BTU	13911690.	.21
0981310	250 BTU	26246810.	.39
0981320	2000 BTU	16552610.	.24
0981330	10000 BTU	4508064.	.07
0981410	2000 BTU	12581960.	.19
0981420	20000 BTU	9452729.	.14
0981610	ASH HANDLING SYSTEM	5079374.	.07
0981710	FUEL OIL EQUIPMENT	17261.	.00
0981810	CHEMICAL FEED SYSTEM	450290.	.01
0981910	FEEDWATER SUPPLY	4189816.	.06
0981A10	DEAERATOR	19605670.	.29
0981B10	BLOWOFF SYSTEM	33433.	.00
0981C10	25 KBTU	20232760.	.30
0981C20	100 KBTU	122693600.	1.81
0981C30	200 KBTU	33713690.	.50
0981D10	25 KBTU	19952690.	.29
0981D20	100 KBTU	44833370.	.66
0981D30	200 KBTU	8800468.	.13
0981E10	25 KBTU	18579910.	.27
0981E20	100 KBTU	4287073.	.06
0981E30	200 KBTU	147217.	.00
0981F00	RADIATOR, CAST IRON 10' SEC.	1471591.	.02
0981G00	RADIATOR, BASEBOARD 10' SEC.	1530114.	.02
0981H00	RADIATOR, FINNED WALL 10' SEC.	16511350.	.24
0981I00	EXPANSION TANK	263027.	.00
0981J10	STEAM CONVERTOR,<300,000	275562.	.00
0981K10	FLASH TANK	48641.	.00
0981L00	STORAGE TANK,DHW	1406054.	.02
0981M10	INDUCTION FURNACE GAS/OIL 500	2607564.	.04
0981M20	INDUCTION FURNACE GAS/OIL 2000	1162294.	.02
0984110	PIPE/FITTINGS, ST.&CP	566899.	.01
0984120	PIPE/FITTINGS, COPPER	256349.	.00
0984130	PIPE AND FITTINGS, PVC	526453.	.01
0984140	PIPE INSULATION	39437500.	.58
0984210	GATE VALVE,3/8"-1 1/2"	9038085.	.13
0984220	GATE VALVE, 2"-3"	326187.	.00
0984280	DRAIN VALVE	1869408.	.03

0984290	RADIATOR VALVE 1"	366335.	.01
09842A0	PRESSURE REDUCER VALVE 2"	581769.	.01
0984370	STEAM TRAP,F&T<1"	9554200.	.14
09843A0	AIR SEPARATOR	191219.	.00
0984410	CIRCULATOR PUMP, <1HP	2265383.	.03
0984420	CIRCULATION PUMP 5 HP	3480374.	.05
0984460	COND. RCVR.,10-15 GAL.	2731267.	.04
0991110	5 TONS	484533.	.01
0991120	20 TONS	216821.	.00
0991130	50 TONS	815719.	.01
0991210	1 TON	11710140.	.17
0991220	2 TONS	3851977.	.06
0991310	AIR CONDITIONER PAD MOUNT. 5 T	182979.	.00
0991410	20 TONS	7894278.	.12
0991420	50 TONS	6063755.	.09
0991430	100 TONS	4036063.	.06
0991440	CHILLER-AIR COOL RECIP. 5T	192614800.	2.84
0991450	CHILLER AIR COOL REC 10T	33522750.	.49
0991460	CHILLER AIR COOL REC 15T	2526153.	.04
0991510	20 TONS	2672145.	.04
0991520	50 TONS	3161465.	.05
0991530	100 TONS	874634.	.01
0991540	CHILLER WATER COOL RECIP 10T	4128391.	.06
0991550	CHILLER WATER COOL RECP 200T	336172.	.00
0991610	100 TONS	710405.	.01
0991620	300 TONS	899146.	.01
0991820	300 TONS	565646.	.01
0991A20	900 TONS	312898.	.00
0991B10	5 TONS	135733.	.00
0991B20	20 TONS	189319.	.00
0991B30	50 TONS	636416.	.01
0991B40	AIR COOLED CONDENSER 100T	180325.	.00
0991C10	50 TONS	657132.	.01
0991C20	100 TONS	300367.	.00
0991C30	300 TONS	220100.	.00
0991C40	900 TONS	182809.	.00
0991D10	20 TONS	38651.	.00
0991D20	100 TONS	151244.	.00
0991D30	300 TONS	1226982.	.02
0991E00	EXPANSION TANK	20049.	.00
0991F10	REFRIGERATION FAN COIL 1T	355136.	.01
0991F20	REFRIGERATION FAN COIL 3T	310253.	.00
0991F30	REFRIGERATION FAN COIL 5T	163980.	.00
0994110	PIPE/FITTINGS, ST.&CI.	160201.	.00
0994120	PIPE/FITTINGS, COPPER	503691.	.01
0994130	PIPE AND FITTINGS, PVC	68085.	.00
0994210	GATE VALVE,3/8"-1 1/2"	2585628.	.04
0994220	GATE VALVE, 2"-3"	116019.	.00
0994280	DRAIN VALVE	1100235.	.02
0994340	PIPE INSULATION	3911500.	.06
0994410	CIRC. PUMP 1/12-1/2 H.P.	487062.	.01
0994420	CIRCULATION PUMP 5 H.P.	3377686.	.05
09A1110	6500 CFM	4576800.	.07
09A1120	10000 CFM	2063733.	.03
09A1130	25000 CFM	2652714.	.04
09A1140	50000 CFM	779371.	.01
09A1150	MULTI-ZONE 2500 CFM	627848.	.01
09A1210	6500 CFM	1656672.	.02
09A1230	25000 CFM	169801.	.00
09A1240	50000 CFM	266666.	.00
09A1310	6500 CFM	76308.	.00
09A1450	DUAL DUCT VARI. VOL. 100,000 C	254035.	.00
09A1510	6500 CFM	373500.	.01
09A1520	10000 CFM	1141339.	.02
09A1610	6500 CFM	329660.	.00
09A1620	10000 CFM	289536.	.00
09A1630	25000 CFM	292986.	.00
09A1740	50000 CFM	3785990.	.06
09A1910	200 CFM	35015440.	.52
09A1920	400 CFM	9424926.	.14
09A1930	600 CFM	20546930.	.30
09A1940	1200 CFM	1566699.	.02

09A1A10	200 CFM	16638940.	.25
09A1B10	400 CFM	136052.	.00
09A1B20	1200 CFM	70577.	.00
09A1C10	6500 CFM	28575440.	.42
09A1C20	10000 CFM	9655846.	.14
09A1C30	25000 CFM	8836308.	.13
09A1C40	50000 CFM	895642.	.01
09A1C50	SINGLE ZONE DRAW THRU 1000 CFM	27587320.	.41
09A1C60	SINGLE-ZONE DRAW THRU 2500 CFM	8593841.	.13
09A1D10	400 CFM	5157749.	.08
09A1D20	1200 CFM	9614597.	.14
09A1D30	UNIT HEATER 4000 CFM	2951939.	.04
09A1D40	UNIT HEATER 8000 CFM	488643.	.01
09A1D50	GAS FIRED RADIANT HEATER 50 MB	3569097.	.05
09A1E10	HEAT PUMP 5 TONS	380441.	.01
09A1E20	HEAT PUMP 10 TONS	2428242.	.04
09A1E30	HEAT PUMP 25 TONS	431473.	.01
09A1E40	HEAT PUMP 1T	1263510.	.02
09A1G10	DUCTCOIL 1-ROW H.W. 12X24	1954960.	.03
09B2110	FORCE DRAFT FAN 10,000 CFM	572633.	.01
09B2120	IND DRAFT FAN 10,000 CFM	1562085.	.02
09C1110	EXHAUST FAN 200 CFM	18057380.	.27
09C1120	EXHAUST FAN 1000 CFM	16398680.	.24
09C1130	EXHAUST FAN 10000 CFM	102618000.	1.51
09C1140	EXHAUST FAN 25000 CFM	9271012.	.14
09C1150	EXHAUST FAN 50000 CFM	1356898.	.02
09C1160	EXHAUST FAN, 5000 CFM	2175232.	.03
09C1210	AIR CURTAIN, 1000 CFM	57931.	.00
09C2100	METAL FLUE/CHIMNEY	30670.	.00
0905100	ROOM HUMIDIFIER, FLOOR TYPE	32568.	.00
09E1110	THERMOSTATS/PNEUMATICS	124401400.	1.83
09E1120	HUMIDITY SENSOR	834832.	.01
09E1130	FLOW SENSOR	112273.	.00
09E1140	RADIATION SENSOR	15420.	.00
09E1150	WIND VELOCITY SENSOR	3263.	.00
09E1160	PRESSURE SENSOR	466577.	.01
09E1210	DAMPER CONTROLLER - ELECTRICAL	5847917.	.09
09E1310	SIMPLEX AIR COMPRESSOR 1 HORSE	3922595.	.06
1112000	OVERHEAD SERVICE FEEDER	16877560.	.25
1113100	SWITCHGEAR, MAIN FRAME, 1200 A	402986.	.01
1113200	FUSE	267712.	.00
1114100	TRANSFORMER, LIQUID FILLED ABO	10117310.	.15
1114200	TRANSFORMER, DRY, ABOVE 15,000	355737.	.01
1115100	SWITCHGEAR, INDOOR, 0-600 V	32504020.	.48
1115200	SWITCHGEAR, INDOOR ABOVE 600 V	234084.	.00
1116100	TRANSFORMER, LIQUID FILLED BEL	1116537.	.02
1116200	TRANSFORMER, DRY BELOW 15,000	5688522.	.08
1117100	SWITCHGEAR, INDOOR, BELOW 600	124797600.	1.84
1117200	SWITCHGEAR, INDOOR ABOVE 600 V	6330098.	.09
1118700	BUSS DUCT	85804.	.00
1119100	METER, DARSONVAL GALVANOMETER	24472.	.00
1119400	RECTIFIER, UNDER 600 V	25350.	.00
1122100	SAFETY SWITCH, ENCLOSED	31142320.	.46
1122310	CIRCUIT BREAKER, MC, 0-599 V	351013.	.01
1122320	CIRCUIT BREAKER, MC, 600 V AND	6210.	.00
1122330	CIRCUIT BREAKER, FIXED, 0-599	27652330.	.41
1122340	CIRCUIT BREAKER, FIXED, 600V A	309765.	.00
1122360	CIRCUIT BREAKER, M.C. > 600V 3	104347.	.00
1122370	CIRCUIT BREAKER, FIXED < 599V	3713849.	.05
1122380	CIRCUIT BREAKER, FIXED < 599V	776723.	.01
1122390	CIRCUIT BREAKER, FIXED < 599V	186413.	.00
1122410	SAFETY SWITCH FUSED 1P	1999724.	.03
1122420	SAFETY SWITCH FUSED 2P	2499494.	.04
1122430	SAFETY SWITCH FUSED 3P	3968395.	.06
1122440	LOW VOLTAGE CARTRIDGE	41032.	.00
1122450	PLUG FUSE	22870.	.00
1123600	MOTOR STARTER, 0-600 V	26808960.	.40
1123700	MOTOR STARTER, 601-15,000 V	110519.	.00
1124000	CONTACTORS AND RELAYS	10334450.	.15
1127100	WIRING DEVICE, SWITCH	58985800.	.87
1127200	RECEPTACLE AND PLUG	78899350.	1.16
1127300	SWITCH, PULL CORD	8734711.	.13

1131100	INCANDESCENT LIGHTING FIXTURE	65401330.	.96
1131200	QUARTZ LIGHTING FIXTURE	20812.	.00
1131300	FLUORESCENT LIGHTING FIXTURE	132908400.	1.96
1131410	HID, MERCURY VAPOR FIXTURE, 25	2807509.	.04
1131420	HID, METAL HALID FIXTURE, 250-	2274370.	.03
1131500	EMERGENCY LIGHTING FIXTURE	3498433.	.05
1131610	H.P. 250 WATT	16092500.	.24
1131620	L.P. 200 WATT	779656.	.01
1131700	EXIT LIGHT	1432452.	.02
1141000	ELECTRICAL SERVICE GROUND	4902445.	.07
1142000	BUILDING STRUCTURE GROUND	5461.	.00
1143510	LIGHTNING PROTECTION SYS. GROU	1173514.	.02
1144000	COMPUTER SYSTEM GROUND	13611.	.00
1145000	SPECIAL GROUND SYSTEM	66577.	.00
1211100	4-PIN RECEPTACLE	8079530.	.12
1211200	TELEPHONE CABLE	286984.	.00
1215000	DOOR BELL	15834380.	.23
1221100	MANUAL PULL STATION	2451117.	.04
1221200	SMOKE DETECTOR	21197550.	.31
1221300	FIRE ALARM BELL	1293536.	.02
1221400	ANNUNCIATION PANEL	512463.	.01
1221500	HEAT DETECTOR	1944062.	.03
1221600	FIRE ALARM CONT. PANEL	11260150.	.17
1233000	TV CABLE OUTLET	2479378.	.04
1243000	LIGHT DIMMING PANEL	17866.	.00
1261100	TIME CONTROL CLOCK	859462.	.01
1271000	BASEBOARD HEATERS	656338.	.01
1272100	WALL MOUNTED & RECESSED WITH F	287576.	.00
1272200	RADIANT SUSPENDED, COMMERCIAL	484776.	.01
1272300	INFRARED SUSPENDED, COMMERCIAL	192595.	.00
1273100	STANDARD SUSPENDED HEATER	991678.	.01
1274000	DUCT HEATERS	774486.	.01
1281100	GENERATOR, GASOLINE POWERED	5306613.	.08
1281200	GENERATOR, DIESEL	1772691.	.03
1281300	GENERATOR, VAPOR GAS POWERED	890451.	.01
1281420	GENERATOR, GAS TURBINE	5572637.	.08
1281500	TRANSFER SWITCH	106801.	.00
1282100	STATIC CHARGER, BATTERY	87083.	.00
1282200	MOTOR GENERATOR, BATTERY	24292.	.00
1283100	BATTERY, PRIMARY WET	3765736.	.06
1283200	BATTERY, PRIMARY DRY	3112247.	.05
1283300	BATTERY, SECONDARY WET	8394136.	.12
1283400	BATTERY, SECONDARY DRY	28302820.	.42

APPENDIX L:

PERCENTAGE OF MAINTENANCE COST BY HIGH COST COMPONENTS FOR FUNCTIONAL USE GROUPS

All Buildings - Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Built-up roofing	0311100	5.04	1	5.15	6	3.23	4	3.71	1	7.57
Shingles	0311350	4.38	3	4.15	5	3.62	1	5.79	2	5.07
Sheetrock (unstippled) wall finish	0611300	4.10	2	4.74	2	5.22	2	5.02	24	1.03
Hollow core (painted) interior dr	0533110	3.05	5	2.99	4	4.29			8	2.85
Chiller - air cool recip. 5-ton	0991440	2.84	4	3.18	1	5.87				
Vinyl asbestos tile flooring	062A200	2.47	7	2.55	16	1.56	6	2.89	6	3.19
Fluorescent lighting fixtures	1131300	1.96	10	1.80	8	2.32	10	2.00	11	1.86
Switchgear, indoor, below 600	1117100	1.84	8	2.34	11	2.14			26	1.02
Thermostats/ pneumatics	09E1110	1.83	9	2.23	12	2.08	15	1.17	27	1.01
100 KBTU house furnace (gas)	0981C20	1.18			18	1.51	8	2.46	3	4.58
Carpet, floor	0629100	1.78					3	4.96	7	2.87
Sheetrock (unstippled) ceiling	0631300	1.57	14	1.56	9	2.20	7	2.74	13	1 68
Exhaust fan, 10,000 cfm	09C1130	1.51			3	4.73				
Metal roofing	0311360	1.36	16	1.37	7	2.55				
Concrete block (painted) wall finish	0612400	1.33	11	1.70	21	1.32	12	1.33		
Hot water heater, elec., 120-gal	0814H00	1.32	6	2.85						

All Buildings - Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Dishwasher	0841100	1.29	15	1.49	17	1.51				
Plaster wall finish	0611100	1.25							4	4.55
Maple floor	0625200	1.24	13	1.57	13	1.69				
Receptacle and plug	1127200	1.16	21	1.06			17	1.13	14	1.60
Ceramic tile wall finish	0612800	1.15	17	1.32	20	1.33				
Solid core (painted) interior dr.	0533210	1.15	12	1.67			14	1.27		
Hot water heater, gas/oil, 75-gal	0814E00	1.07			22	.123	11	1.98	20	1.19
Wood unfinished ceiling	0635200		18	1.32						
Metal ceiling (painted)	0636100		19	1.11	19	1.34				
Two-pipe fan coil, 200 cfm	09A1910		20	1.06						
Chiller-air cool recip., 10-ton	0991450		22	1.04						
Linoleum flooring	062A100		23	1.03						
Incandescent lighting fixtures	1131100		24	1.01			20	1.07	21	1.17
Vinyl sheet flooring	062A400				14	1.63				
Aluminum siding ext. finish, 1st floor	0415I10				15	1.58				
100 KBTU house furnace (oil)	0981D20				10	2.20				

All Buildings - Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Aluminum screen/storm door	0426110				23	1.12				
250 BTU boiler (gas)	0981110						5	2.90		
Wood frame windows - 2nd floor	0431320						9	2.25		
20,000 BTU boiler (dual-fired)	0981420						13	1.27		
Pipe insulation	0984140						16	1.16		
Plywood (painted) interior wall	0615100						18	1.11		
Roll roofing	0311340						19	1.11		
Formica-vinyl ext. finish, 2nd floor	0415O20						21	1.03		
Wood frame (painted) windows, 1st floor	0431300						22	1.01		
Wood, finish (multi-coat) ext., 1st floor	0415F10								9	2.03
Stucco exterior finish, 1st floor	0415C10								10	1.87
Plaster ceiling	0631100								12	1.75
Hot water heater, gas/oil, 30-gal	0814D00								15	1.45
Wood parquetry flooring	0625100								16	1.44
200 KBTU house furnace (gas)	0981C30								17	1.36

All Buildings - Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Solid core (painted) sliding int. dr.	0433220								18	1.30
Wiring device, switch	1127100								19	1.22
Solid core (painted) wood ext. dr.	0423210								22	1.13
Steel sliding (painted) interior drs.	0531130								23	1.10
Sheetrock (stippled) wall finish	0611200								5	3.36
Concrete, finished interior wall	061A200								25	1.03

General Instruction Buildings Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Metal roofing	0311360	12.59	7	2.97	1	21.39				
Shingles	0311350	5.70	1	8.47	6	2.83	1	8.03	1	19.07
Fluorescent lighting fixtures	1131300	4.40	2	4.93	4	4.02	3	4.08	5	7.77
200 KBTU house furnance (oil)	0981D30	3.15			2	5.44				
Steel (painted) exterior finish 1st floor	0415L10	2.35			3	4.22				
Built-up roofing	0311100	2.13	3	4.78			5	3.61		
250 BTU boiler (oil)	0981310	1.84	16	1.92	10	2.25				
Vinyl asbestos tile flooring	062A200	1.84	15	1.93	19	1.33	4	3.94		
Drinking fountain	0811H00	1.77	25	1.03	8	2.44	27	1.03		
Sheetrock (unstippled) wall finish	0611300	1.76	23	1.37	15	1.64	6	3.22		
Wood unfinished ceiling	0635?00	1.71			5	3.04				
Metal ceiling (painted)	0636100	1.70			7	2.63				
Switchgear, indoor, 0-600V	1115100	1.64	18	1.80	14	1.72	15	1.50		
Thermostats/ pneumatics	09E1110	1.63	22	1.40	16	1.55	11	2.32		
Aluminum siding exterior finish, 1st floor	0415I10	1.45	17	1.83	12	1.80				
Battery, secondary dry	1283400	1.31	26	1.00	11	1.92				

General Instruction Buildings Cost By Component										
Component Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Steel interior finish (painted)	0616300	1.26			9	2.27				
1 HP compressed air plumbing system	0831110	1.21	4	4.45						
Linoleum flooring	062A100	1.19	21	1.42			2	4.92		
Wood exterior porch supports	0443200		5	3.59						
Single-zone draw thru 1,000 CFM	09A1C50		6	3.28						
Chiller-air cool, recip, 5-ton	0991440		8	2.80						
Single-zone draw thru 2,500 CFM	09A1C60		9	2.78						
Chiller-air cool recip. 15-ton	0991460		10	2.48						
Duct heaters	1274000		11	2.31						
Wire mesh wall	0616400		12	2.27						
1 ton window A/C	0991210		13	2.16			29	1.01		
Concrete decking-porch	0441100		14	2.02						
20 ton chiller ACH recip	0991410		19	1.54			19	1.26		
Single-zone draw thru 6,500 CFM	09A1C10		20	1.43						
Chiller-air cool recip, 10-ton	0991450		24	1.11						
Aluminum siding exterior finish, 2nd floor	0415I20				13	1.74				

General Instruction Buildings Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Fire alarm control panel	1221600				17	1.47				
Alumimum frame screen cover, 1st floor	0434610				18	1.35				
Mod. bituminous/ thermoplastic roofing	0311210				20	1.28				
Concrete, unfinished flooring	062B100				21	1.07				
100 KBTU house furnace (oil)	0981D20				22	1.06				
Overhead service feeder	1112000				23	1.02				
Concrete, finished flooring	062B200				24	1.00				
Induction furnace gas/oil 500 MBU	0981M10						7	3.15		
Switchgear, indoor, below 600V	1117100						8	2.62		
Concrete block (painted) wall	0612400						9	2.57		
2,000 BTU Boiler (oil)	0981320						10	2.48		
Sheetrock (unstippled ceiling	0631300						12	1.82		
Solid core (painted) interior door	0533210						13	1.61		
Hollow core (painted) interior door	0533110						14	1.50		

General Instruction Buildings Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Wood trimming	0561100						16	1.48		
Formica-vinyl exterior finish, 2nd floor	0415O20						17	1.34		
10,000 CFM variable volume	09A1520						18	1.26		
Hot water heater, gas/oil, 75-gal	0814E00						20	1.23		
400 CFM unit heater	09A1D10						21	1.21		
Safety switch, fused 1 P	1122410						22	1.19		
Safety switch, enclosed	1122100						23	1.14		
Concrete block (WP/P) exterior finish, 1st floor	0415910						24	1.10		
Wood frame (painted), operable window, 1st floor	0431310						25	1.09	6	5.14
Solid core (painted) wood exterior door	0423210						26	1.07		
Motor starter, 0-600V	1123600						28	1.02		
Wood finish (multi-coat) exterior finish, 1st floor	0415F10								2	17.08
Wood finished ceiling	0635100								3	13.36
200 KBTU House furnace (gas)	0981C30								4	10.23

General Instruction Buildings Cost By Component										
Component Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Masonite interior wall finish	0612900								7	5.01
Plywood (painted/stained) interior wall	0615100								8	4.37

Applied Instruction Buildings Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Metal roofing	0311360	6.98			1	16.28				
Built-up roofing	0311100	6.05	1	14.79	3	4.59	5	3.84		
Metal ceiling (painted)	0636100	4.70	23	1.12	2	7.95	23	1.10		
Fluorescent lighting fixture	1131300	4.59	4	4.89	5	3.85	2	5.31		
Carpet, floor	0629100	3.30	3	6.08			1	6.83		
Shingles	0311350	2.42	5	3.36			3	4.34		
Vinyl asbestos tile flooring	062A200	2.39	7	2.75	13	1.24	4	3.86		
H.P. 250 watt sodium fixture	1131610	2.06			4	3.90				
50-ton chiller ACH recip.	0991420	2.01	2	8.38			17	1.64		
Steel interior wall (painted)	0616300	1.99			6	3.82				
Pipe insulation	0984140	1.86			8	2.50	15	1.73		
Switchgear, indoor, below 600V	1117100	1.82	12	2.06	19	1.02	8	2.85		
Motor-starter, 0-600V	1123600	1.63			7	2.65				
Sheetrock (unstippled) wall	0611300	1.58	6	3.12			13	2.01		
Thermostats/ pneumatics	09E1100	1.52			12	1.50	16	1.66		
Concrete block (painted) wall	0612400	1.46	25	1.05	10	1.95				
Drinking fountain	0811H00	1.12	22	1.15	15	1.17				

Applied Instruction Buildings Cost by Component										
Component Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
1-ton window A/C	0991210	1.09					6	3.13		
Battery, secondary dry	1283400	1.06					7	2.88		
Solid core (painted) interior door	0533210	1.05	20	1.32			14	1.83		
Exhaust fan, 25,000 CFM	09C1140	1.04			9	1.99				
Single-zone draw thru, 10,000 CFM	09A1C20		8	2.68						
Hollow-core (painted) interior door	0533110		9	2.42			18	1.26		
Heat pump 25 tons	09A1E30		10	2.39						
Chiller-air cooler recip. 10-ton	0991450		11	2.39						
Heat pump, 1 ton	09A1E40		13	2.00						
Ceramic tile wall	0612800		14	1.96						
10,000 BTU boiler (gas)	0981130		15	1.75						
Wood, finished (multi-coat) exterior, 1st floor	0415F10		16	1.53						
Single-zone draw thru 6,500 CFM	09A1C10		17	1.52						
Hot water heater, electric, 120-gal	0814H00		18	1.51						
Acoustical interior wall tile	0619200		19	1.41						
Linoleum flooring	062A100		21	1.29						

Applied Instruction Buildings Cost by Component										
Component Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Thermostats/ pneumatics	09E1110		24	1.12						
Deaeretor	0981A10		26	1.03	16	1.07				
Exhaust fan 10,000 CFM	09C1130				11	1.56				
Concrete, finished flooring	062B200				14	1.18				
2,000 BTU boiler (dual-fired)	0981410				17	1.04	22	1.12		
Aluminum louver in frame, 1st floor	0433210				18	1.02				
Roll roofing	0311340						9	2.34		
Rubber tile flooring	062A300						10	2.14		
2,000 BTU boiler (oil)	0981320						11	2.13		
Wood frame (paint) operable window, 3rd floor	0431330						12	2.01		
Receptacle and plug	1127200						19	1.25		
Wood frame (paint) operable window, 2nd floor	0431320						20	1.23		
Aluminum frame screen cover, 3rd floor	0434630						21	1.13		
20-ton chiller ACH recip	0991410						24	1.05		

Aviation Unit Maintenance Hangars Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Steel interior finish (painted)	0616300	19.25	1	21.71						
Built-up roofing	0311100	16.02	2	17.66			7	4.25		
Metal ceiling (painted)	0636100	9.29	3	9.76			3	7.47		
Concrete block (painted) wall finish	0612400	3.71	4	3.82			9	3.57		
Metal roofing	0311360	3.14	13	1.17	1	27.19	1	15.62		
Fluorescent lighting fixture	1131300	2.25	5	1.98	7	3.31	5	4.71		
2000 BTU boiler (oil)	0981320	2.03	8	1.50			2	8.23		
Steel (painted) exterior finish, 3+ floor	0415L30	1.64	6	1.85						
Concrete, finished flooring	062B200	1.55	7	1.56	9	2.77	21	1.09		
Switchgear, indoor below 600V	1117100	1.42	10	1.36	15	1.28	13	2.02		
Exhaust fan, 10,000 CFM	09C1130	1.24	9	1.40						
Thermostats/ pneumatics	09E1110	1.18	11	1.22						
HID, mercury vapor fixture 250w	1131410	1.16	16	1.11	3	6.20				
Concrete, unfinished flooring	062B100	1.11	14	1.16						
Motor starter, 0-600V	1123600	1.07	12	1.19						

Aviation Unit Maintenance Hangars Cost by Component										
Component Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
HP sodium fixture, 250w	1131610	1.05					4	5.03		
Open head sprinkler head	0844110	1.02	15	1.12	16	1.28				
Battery, secondary dry	1283400		17	1.01						
Finned radiator, wall 10 ft	0943300		18	1.01						
Infrared suspended, commercial heater	1272300				2	13.39				
Transformer, liquid filled above 600V	1114100				4	4.89				
Steel (painted) exterior finish, 2nd floor	0415L20				5	3.69				
Steel (painted) exterior finish, 1st floor	0415L10				6	3.35				
Chiller-air cool recip. 5-ton	0991440				8	3.21				
1 HP compressed air plumbing system	0831110				10	2.37				
Concrete decking-porch	0441100				11	1.89				
Plastic ceiling	0634200				12	1.69				
Acoustical interior wall tile	0619200				13	1.65				
Vinyl asbestos tile flooring	062A200				14	1.44	12	2.34		

Aviation Unit Maintenance Hangars Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Time control clock	1261100				17	1.25				
Hollow core (painted) interior door	0533110				18	1.23				
Wainscot interior wall	0615900				19	1.23				
Hotwater heater, gas/oil, 8-120 GPH recovery	0814G00				20	1.16				
Single-zone draw thru, 6,500 CFM	09A1C10						6	4.55		
Radiator, finned wall, 10' section	0981H00						8	3.97		
Pipe insulation	0984140						10	2.88		
Steel frame (painted) operable window, 2nd floor	0431220						11	2.83		
Safety switch, fused 3P	1122430						14	1.82		
Aluminum frame storm windows, 2nd floor	0434120						15	1.77		
Plaster wall finish	0611100						16	1.70		
Concrete block (WP/P) exterior finish, 2nd floor	0415920						17	1.34		
Carpet, floor	0629100						18	1.29		
Steel painted interior door	0531110						19	1.24		

Organizational Vehicle Maintenance Facilities Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Built-up roofing	0311100	10.62	1	10.81	1	13.74	1	8.89	2	9.35
Metal ceiling (painted)	0636100	5.22	2	6.96	14	1.87	4	5.29	9	2.03
Metal roofing	0311360	4.27	3	5.14	5	3.65	19	1.55	4	3.92
Fluorescent lighting fixture	1131300	3.42	5	2.85	3	4.58	7	3.37	3	4.44
Shingles	0311350	3.21	6	2.77	6	3.49	3	6.23	8	2.27
Generator, gas turbine	1281420	3.11							1	16.39
Deaerator	0981A10	2.93	4	3.77	24	1.16			5	3.49
2,000 BTU boiler (oil)	0981320	2.28	12	1.87	25	1.07	2	8.44		
Wire mesh wall	0616400	2.08	10	2.03	2	4.70	26	1.06	18	1.37
Concrete block (painted) wall finish	0612400	1.96	7	2.23			12	2.02	12	1.87
Thermostats/ pneumatics	09E1110	1.84	8	2.17	8	3.07	21	1.46		
Steel single roll-up door	0427100	1.69	21	1.19	7	3.09	20	1.55	7	2.41
HP 250W sodium fixture	1131610	1.64	9	2.15			14	1.76		
Concrete block (WP/P) exterior finish, 1st floor	0415910	1.54	15	1.42			8	3.19		
Pipe insulation	0984140	1.42	13	1.73			10	2.36		
Motor starter, 0-600V	1123600	1.36			11	2.32	16	1.75	11	1.91
Gas compressor > 1/2 HP	0831130	1.34	16	1.39	10	2.46	24	1.17		

Organizational Vehicle Maintenance Facilities Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Concrete, unfinished flooring	062B100	1.32	27	1.02	18	1.61	13	1.79	13	1.71
Wood unfinished ceiling	0635200	1.28					6	4.01	15	1.61
Concrete, finished flooring	062B200	1.20	14	1.55			18	1.56		
Steel interior finish (painted)	0616300	1.14	11	1.99						
250 BTU boiler (oil)	0981310	1.12			4	4.08			6	2.63
Sheetrock (unstippled) wall finish	0611300	1.11	19	1.25			15	1.75		
Wood, (multi-coat) exterior finish, 2nd floor	0415F20		17	1.33						
Exhaust fan 10,000 CFM	09C1130		18	1.31						
Unit heater 4,000 CFM	09A1D30		20	1.21						
HID metal halide fixture, 250W	1131420		22	1.17						
Switchgear, indoor below 600V	1117100		23	1.10					20	1.28
Drinking fountain	0811H00		24	1.06						
Hot water heater, electric, 120-gal	0814H00		25	1.02			22	1.29		
Contactors and relays	1124000		26	1.02						

Organizational Vehicle Maintenance Facilities Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Distribution, gutters, pipe	0822100				12	2.08				
Unit heater 1,200 CFM	09A1D20				13	1.96	11	2.19		
Switchgear, indoor 0-600V	1115100				15	1.82	23	1.28		
Concrete block (WP/P) exterior finish, 2nd floor	0415920				16	1.77				
Exhaust fan 1,000 CFM	09C1120				17	1.74				
Unit heater 400 CFM	09A1D10				19	1.52				
Concrete block (WP/P) exterior finish, 1st floor	0415910				20	1.49				
Solid core (painted) interior door	0533210				21	1.39				
Floor drain, without bucket	0812200				22	1.23				
Sheetrock (unstippled) ceiling	0631300				23	1.18				
Metal pipe for compressed air	0831310				26	1.07				
Timber (unfinished) interior wall	0615400				27	1.03				
Induction furnace gas/oil 2,000 MBU	0981M20						5	4.41		
Roll roofing	0311340						9	2.41		

Organizational Vehicle Maintenance Facilities Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Safety switch, enclosed	1122100						17	1.62		
Metal window gratings, 1st floor	0434410						25	1.13		
Feedwater supply	0981910								10	1.91
1 HP compressed air plumbing system	0831110								14	1.69
Gas-fired radiant heater 50 MBU	09A1D50								16	1.49
Steel frame (painted) operable window, 1st floor	0431210								17	1.47
2,000 BTU boiler (gas)	0981120								19	1.31
Simplex air compressor, 1 HP	09E1310								21	1.16
Stucco exterior finish, 1st floor	0415C10								22	1.15
Concrete exterior finish, 1st floor	0415A10								23	1.11
Concrete, finished interior wall	061A200								24	1.02

DS/GS Vehicle Maintenance Shop Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
40,000 BTU boiler (coal)	0981210	18.26	1	18.31						
Metal roofing	0311360	12.64	2	12.68						
HP 250W sodium fixture	1131610	10.75	3	10.78						
Built-up roofing	0311100	5.08	4	5.09						
Fluorescent lighting fixture	1131300	3.12	5	3.12			14	2.94		
Metal ceiling (painted)	0636100	2.57	6	2.58						
10,000 BTU boiler (oil)	0981330	2.19	7	2.20						
250 BTU boiler (oil)	0981310	2.11	8	2.11						
Thermostats/ pneumatics	09E1110	1.90	9	1.88			8	5.90		
Steel interior finish (painted)	0616300	1.78	10	1.78						
Wood unfinished ceiling	0635200	1.65	11	1.66						
Shingles	0311350	1.64	12	1.60			1	13.33		
Exaust fan, 10,000 CFM	09C1130	1.43	13	1.44						
Concrete, unfinished flooring	062B100	1.38	14	1.39						
1,200 CFM unit heater	09A1D20	1.38	15	1.38						
Concrete block (painted) wall finish	0612400	1.31	16	1.29			7	5.92		

DS/GS Vehicle Maintenance Shop Cost by Component										
Component Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Wood, single roll-up doors	0427500	1.13	17	1.13						
Safety switch, enclosed	1122100	1.02	18	1.02						
Concrete block (WP/P) exterior finish, 1st floor	0415910						2	8.96		
400 CFM unit heater	09A1D10						3	8.52		
Vinyl asbestos tile flooring	062A200						4	8.16		
Metal window gratings, 1st floor	0434410						5	7.06		
2-ton window A/C	0991220						6	5.95		
Wood frame screen window cover, 1st floor	0434810						9	4.92		
Wood frame (paint) operable window, 1st floor	0431310						10	4.62		
Switchgear, indoor 0-600V	1115100						11	4.33		
Sheetrock (unstippled) ceiling	0631300						12	4.28		
Solid core (painted) wood exterior door	0423210						13	3.20		

Special Purpose Maintenance Shops Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Roll roofing	0311340	12.81			1	18.45				
Steel interior wall (painted)	0616300	8.30	16	1.95	4	5.93			1	49.68
Metal roofing	0311360	7.11	14	2.16	2	7.70			2	17.12
Metal ceiling (painted)	0636100	4.97	13	2.23	3	6.41				
HP 250W sodium fixture	1131610	3.19			5	4.50				
Fluorescent lighting fixture	1131300	3.18	6	4.92	9	2.39			3	5.56
Battery, secondary dry	1283400	3.05			6	4.39				
Shingles	0311350	2.95	1	8.97			1	22.65	10	1.44
Motor starter, 0-600V	1123600	2.46			7	3.21			5	1.92
Concrete, finished flooring	062B200	2.10	25	1.01	8	2.66				
Pipe insulation	0984140	1.74	20	1.55	10	2.01				
250 BTU boiler (oil)	0981310	1.62	2	7.40						
Switchgear, indoor below 600V	1117100	1.61	15	2.02	16	1.54				
Thermostats/ pneumatics	09E1110	1.56	12	2.46	19	1.43				
Safety switch, enclosed	1122100	1.53			12	1.90				
Built-up roofing	0311100	1.51	3	6.92						
1,200 CFM unit heater	09A1D20	1.49	23	1.23	17	1.54			4	2.07
Fc[illegible]water supply	0981910	1.49	4	6.82						

Special Purpose Maintenance Shops Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Concrete block (painted) wall	0612400	1.48			11	1.98				
Aluminum siding exterior finish, 1st floor	0415I10	1.29	24	1.16	18	1.49				
Steel (painted) exterior finish, 3rd+ floor	0415L30	1.15			13	1.66				
Wood unfinished ceiling	0635200	1.15			14	1.58				
6,500 CFM single-zone draw thru	09A1C10	1.14	11	2.66						
10,000 BTU boiler (oil)	0981330	1.08			15	1.56				
Water softener	0841300	1.08	5	4.96						
Chiller-air cool recip 10-ton	0991450		7	4.26						
1 HP Compressed air plumbing system	0831110		8	2.97						
Chiller-air cool recip 5-ton	0991440		9	2.84						
Sheetrock (unstippled) ceiling	0631300		10	2.84			6	7.76		
Wood finished ceiling	0635100		17	1.91					11	1.27
Single-zone draw thru 1,000 CFM	09A1C50		18	1.81						
Concrete, unfinished flooring	062B100		19	1.72					9	1.55
Wire mesh wall	0616400		21	1.35						

Special Purpose Maintenance Shops Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Sheetrock (unstippled) wall	0611300		22	1.31			5	8.01		
10,000 CFM single-zone draw thru	09A1C20				20	1.39				
Open head sprinkler head	0844110				21	1.13				
Aluminum siding exterior finish, 2nd floor	0415I20				22	1.11				
Maple floor	0625200						2	12.12		
200 KBTU house furnance (oil)	0981D30						3	10.15		
Aluminum frame screen cover, 3rd floor	0434630						4	8.72		
Aluminum frame storm windows, 1st floor	0434110						7	5.24		
Wood frame (paint) operable window, 1st floor	0431310						8	3.90		
Formica-vinyl exterior finish, 1st floor	0415O10						9	3.28		
Solid core (safety glass) painted exterior door	0423230						10	2.78		
Drinking fountain	0811H00								6	1.77
Wood, finished (multi-coat) exterior, 1st floor	0415F10								7	1.77

Special Purpose Maintenance Shops Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Gas compressor > 15 HP	0831140								8	1.69

Maintenance - Installation O&R Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
40,000 BTU boiler (coal)	0981210	17.53			1	35.37				
Metal roofing	0311360	5.54	7	3.12	2	8.61	24	1.14		
Built-up roofing	0311100	4.55	1	8.51	3	3.15				
Fluorescent lighting fixture	1131300	3.92	2	5.65	5	2.56	4	4.38		
Shingles	0311350	3.90	4	4.03	7	2.14	1	9.28		
Metal ceiling (painted)	0636100	2.90	5	3.93	4	2.92				
Steel interior finish (painted)	0616300	2.63	8	3.06	6	2.26	7	2.84		
Sheetrock (unstippled) wall finish	0611300	2.03	21	1.56	10	1.46	3	4.98		
100 tons chiller ACH recip	0991430	1.80	3	5.12						
Thermostats/ pneumatics	09E1110	1.47	19	1.66	13	1.24	16	1.78		
Drinking fountain	0811H00	1.44	17	1.78	16	1.14	18	1.67		
2-ton window A/C	0991220	1.40	9	2.76						
Solid core (painted) interior door	0533210	1.36	13	2.23			14	1.86		
Roll roofing	0311340	1.30					2	8.52		
Exhaust fan, 10,000 CFM	09C1130	1.20	6	3.13						
200 KBTU house furnace (oil)	0981D30	1.18			11	1.43	11	2.32		
Motor starter, 0-600V	1123600	1.16			8	1.95				

Maintenance - Installation O&R Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Safety switch, enclosed	1122100	1.15					8	2.72		
Sheetrock (unstippled) ceiling	0631300	1.15					5	4.00		
1 HP compressed air plumbing system	0831110	1.14			9	1.78	17	1.69		
Switchgear, indoor below 600V	1117100	1.06	14	2.22						
Transformer, dry below 15,000V	1116200		10	2.66						
6,500 CFM single-zone draw through	09A1C10		11	2.51						
Concrete block (painted) wall finish	0612400		12	2.34						
Concrete block (WP/P) exterior finish, 1st floor	0415910		14	2.12						
Pipe insulation	0984140		15	1.91						
2,000 BTU boiler (dual-fired)	0981410		16	1.88						
Carpet, floor	0629100		18	1.77			21	1.41		
1,200 CFM unit heater	09A1D20		20	1.62						
Linoleum flooring	062A100		22	1.24						
Aluminum siding, exterior finish, 1st floor	0415I10		23	1.07	14	1.23				
25,000 CFM single-zone draw through	09A1C30		24	1.03						

Maintenance - Installation O&R Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
2,000 BTU boiler (oil)	0981320				12	1.32				
50 tons chillers ACH recip	0991420				15	1.15				
Vinyl asbestos tile flooring	062A200				17	1.02				
Baseboard radiator, 10 ft	0943200						6	3.06		
Wire mesh wall	0616400						9	2.58		
250 BTU boiler (gas)	0981110						10	2.47		
Wood frame (paint) oper. window, 1st floor	0431310						12	2.30		
Concrete, finished flooring	062B200						13	2.21		
Formica-vinyl exterior finish, 1st floor	0415O10						15	1.79		
Hot water heater, gas/oil, 75-gal	0814E00						19	1.43		
100 KBTU house furnace (oil)	0981D20						20	1.42		
Wood trimming	0561100						22	1.19		
Gas compressor > 1/2 HP	0831130						23	1.18		
Hot water heater, electric, 120-gal	0814H00						25	1.13		
Switchgear, indoor, 0-600V	1115100						26	1.05		

Ammunition Storage Facilities Cost by Component										
Component Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Metal roofing	0311360	24.29	1	37.20						
Metal ceiling (painted)	0636100	19.23	2	13.88	1	40.84	3	21.17		
Lighting protection sys grounding rod	1143510	9.41	3	12.16			4	7.22		
Built-up roofing	0311100	5.78	4	7.31	4	7.03				
Steel interior finish (painted)	0616300	5.27					1	25.89		
Concrete, sealed panel roofing	0311410	4.77					2	23.41		
Concrete exterior finish, 1st floor	0415A10	4.52	5	4.48	2	8.82				
Concrete, unfinished flooring	062B100	4.43	6	4.47	5	5.14				
Concrete exterior finish, 2nd floor	0415A20	2.29	8	1.88	3	7.40				
Steel (painted) metal exterior door	0421210	2.01	7	2.44						
Concrete, unfinished interior wall	061A100	1.50			8	3.09				
Incandescent lighting fixture	1131100	1.30								
Steel single roll-up door	0427100				6	3.96				
Concrete block (WP/P) exterior finish, 2nd floor	0415920				7	3.42				
Concrete block (WP/P) exterior finish, 1st floor	0415910				9	2.66				

Ammunition Storage Facilities Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Switchgear, indoor, 0-600V	1115100				10	2.43				
Steel (painted) exterior finish, 1st floor	0415L10						5	5.98		

Cold Storage Facilities - Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
50,000 CFM two-pipe induction	09A1740	22.03			1	43.25				
Built-up roofing	0311100	10.39	1	17.88	4	5.18	1	14.83		
300 tons evaporative cond.	0991D30	7.14			2	14.02				
Transformer, liquid filled, above 600V	1114100	4.41			3	7.48			1	12.48
20-ton chiller WCH recip.	0991510	4.25	2	13.51						
Single-zone draw through 2,500 CFM	09A1C60	2.80	3	8.88						
Motor starter, 0-600V	1123600	2.54	6	4.78			5	4.98		
Metal ceiling (painted)	0636100	2.53	4	6.21			6	4.05		
LP 200W sodium fixture	1131620	2.52			5	4.94				
Concrete, finished interior wall	061A200	2.42			6	2.25	2	8.91		
2,000 BTU boiler (oil)	0981320	2.02	7	3.13			3	7.25		
Single-zone draw through, 1,000 CFM	09A1C50	1.81	5	5.74						
Safety switch, enclosed	1122100	1.50	10	1.90			7	3.38		
Thermostats/ pneumatics	09E1110	1.49	17	1.35	10	1.47	13	2.04		
Concrete exterior finish, 1st floor	0415A10	1.47	11	1.71			10	2.42		

Cold Storage Facilities - Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Concrete, finished flooring	062B200	1.45	8	2.41					9	2.97
Shingles	0311350	1.16					4	6.57	6	6.58
Concrete decking--porch	0441100	1.08	15	1.49			11	2.25		
Switchgear, indoor below 600V	1117100	1.04	18	1.33			17	1.70		
Switchgear, indoor, 0-600V	1115100	1.01			11	1.42				
Rubber tile flooring	062A300		9	2.19						
50-ton cooling tower	0991C10		12	1.69						
20-ton chiller ACH recip.	0991410		13	1.67						
Contactors and relays	1124000		14	1.62						
Concrete block (painted) wall finish	0612400		16	1.36						
Aluminum interior wall	0616100		19	1.29						
1 HP compressed air plumbing system	0831110		20	1.23						
Vinyl asbestos tile flooring	062A200		21	1.15					3	9.20
Floor drain, without bucket	0812200		22	1.03						
2,000 BTU boiler (gas)	0981120				7	1.96				

Cold Storage Facilities - Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
50-ton chiller ACH recip	0991420				8	1.75				
Wainscot interior wall	0615900				9	1.66				
Metal walk-in interior cooler dr.	0534320						8	2.92		
Concrete, unfinished flooring	062B100						9	2.91		
Refrigeration fan coil, 5-ton	0991F30						12	2.24		
Stucco interior wall finish	0611400						14	2.02		
Stucco interior ceiling finish	0631400						15	1.98		
Steam trap, F&T < 1"	0984370						16	1.87		
Sheetrock (unstippled) wall finish	0611300						18	1.67		
Wood finished ceiling	0635100						19	1.52		
Incandescent lighting fixture	1131100						20	1.51		
Simplex air compressor, 1 HP	09E1310						21	1.42		
Concrete, finished ceiling	063A200						22	1.38		
Refrigeration fan coil, 3-ton	0991F20						23	1.16		
Fluorescent lighting fixture	1131300						24	1.12	16	1.56

Cold Storage Facilities - Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Sink, enameled steel	0811E00						25	1.11	21	1.13
Carpet, floor	0629100						26	1.03		
Lead-lined interior wall	0616500								2	11.74
Sheetrock (stippled) wall finish	0611200								4	8.92
Sheetrock (stippled) ceiling	0631200								5	6.92
200 KBTU house furnace (gas)	0981C30								7	5.40
Dbl. pane wood frm. oper. window, 1st floor	0431810								8	3.32
Panel (solid) interior wall	0615500								10	2.85
Expansion chamber, cold water	0813700								11	2.84
Wood, finished (multi-coat) exterior, 1st floor	0415F10								12	2.83
Pipe and fittings, HW steel or cast iron	0814100								13	1.76
Pipe and fittings, CW steel or cast iron	0813100								14	1.76
Expansion chamber, hot water	0814700								15	1.66
Pipe and fittings, waste and vent	0812100								17	1.55

Cold Storage Facilities - Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Hot water heater, gas/oil, 30-gal	0814D00								18	1.54
Solid core (painted) wood exterior door	0423210								19	1.50
Distribution, gutters, pipe	0822100								20	1.30
Solid core (painted) wood interior door	0533210								22	1.12

General Purpose Warehouse Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Metal roofing	0311360	14.10	1	14.48	1	24.01	4	4.08	4	4.10
Shingles	0311350	9.34	2	10.83	3	4.18	2	11.72	1	12.60
Metal ceiling (painted)	0636100	5.80	3	8.76	18	1.01	3	7.99	15	1.61
Wood unfinished ceiling	0635200	3.60	5	2.87	2	4.72	5	3.63	5	3.81
Built-up roofing	0311100	3.41	4	3.99			1	12.14		
Fluorescent lighting fixture	1131300	2.56	6	2.32	5	2.86	9	2.05	7	3.02
Sheetrock (unstippled) wall	0611300	1.62			7	2.14	10	2.01	8	2.62
Roll roofing	0311340	1.59							2	10.36
Wood, finished (multi-coat) exterior, 1st floor	0415F10	1.52	10	1.43					3	5.87
Vinyl asbestos tile flooring	062A200	1.37			6	2.31			22	1.17
Thermostats/ pneumatics	09E1110	1.28	8	1.53	19	1.01	14	1.37		
Aluminum siding exterior finish, 1st floor	0415I10	1.25			4	3.23				
Switchgear, indoor below 600V	1117100	1.11	12	1.28					12	1.83
Maple floor	0625200	1.11	7	1.90						
Wood finished ceiling	0635100	1.09	14	1.02			15	1.36	6	3.26
Sheetrock (unstippled) ceiling	0631300	1.07			15	1.09	17	1.24	16	1.52
2,000 BTU boiler (gas)	0981120		9	1.49						

General Purpose Warehouse Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Wood parquetry flooring	0625100		11	1.33			11	1.76		
1,200 CFM unit heater	09A1D20		13	1.26			12	1.44		
Aluminum siding exterior finish, 2nd floor	0415I20				8	2.09				
25,000 CFM single-zone draw through	09A1C30				9	1.77				
100 KBTU house furnace (oil)	0981D20				10	1.57				
Exhaust fan, 10,000 CFM	09C1130				11	1.43				
2,000 BTU boiler (oil)	0981320				12	1.28	8	2.30		
200 KBTU house furnace (oil)	0981D30				13	1.19				
250 BTU boiler (oil)	0981310				14	1.13				
Battery, secondary dry	1283400				16	1.08				
20-ton chillers ACH recip	0991410				17	1.08				
Concrete, finished flooring	062B200						6	2.66		
Vinyl sheet flooring	062A400						7	2.34		
10,000 BTU boiler (gas)	0981130						13	1.38		
Concrete block (painted) wall	0612400						16	1.28		

General Purpose Warehouse Cost by Component										
Component Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Steam trap, F&T < 1"	0984370						18	1.20		
Concrete, unfinished flooring	062B100						19	1.15	14	1.66
Formica-vinyl exterior finish, 1st floor	0415O10						20	1.14		
Hot water heater, electric, 120-gal	0814H00						21	1.09		
LP 200W sodium fixture	1131620						22	1.08		
Incandescent lighting fixture	1131100						23	1.07		
Open head sprinkler head	0844110						24	1.01		
Steel (painted) exterior finish, 1st floor	0415L10								9	2.57
100 KBTU house furnace (gas)	0981C20								10	2.40
Wood single roll-up door	0427500								11	1.96
Asbestos-acoustical, fire-rated tile	0619400								13	1.68
Pipe and fittings, CW steel or cast iron	0813100								17	1.47
Wood frame (painted) operable window, 1st floor	0431310								18	1.46
Carpet, floor	0629100								19	1.44

General Purpose Warehouse Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Metal window gratings, 1st floor	0434410								20	1.32
Hot water heater, gas/oil, 30-gal	0814D00								21	1.17
Gas compressor > 1/2 HP	0831130								23	1.09
200 KBTU house furnace (gas)	0981C30								24	1.07
Solid core (painted) wood exterior door	0423210								25	1.01
Board (finished) interior wall	0615700								26	1.01

Hospital - Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Ash handling system	0981610	7.17					1	16.29		
Vinyl asbestos tile flooring	062A200	5.49	2	7.02	3	7.47	7	3.53		
Fluorescent lighting fixture	1131300	5.14	1	7.72	7	3.25	14	2.15		
Solid core (painted) interior door	0533210	5.03	3	6.28			6	3.82		
Ceramic tile wall finish	0612800	3.64	4	5.88			18	1.17		
Carpet, floor	0629100	3.23	6	5.28						
Plaster wall finish	0611100	2.99	7	5.28						
Roll roofing	0311340	2.91	5	5.48						
Duct coil 1-row HW 12 x 24	09A1G10	2.76					2	6.27		
Steam trap, F&T < 1"	0984370	2.72	11	1.94			5	3.83		
Switchgear, indoor below 600V	1117100	2.62	8	3.76			16	1.40		
Sheetrock (unstippled) wall finish	0611300	2.30	12	1.86	5	4.40	13	2.71		
Thermostats/ pneumatics	09E1110	2.22	13	1.82			12	2.79		
Built-up roofing	0311100	2.20					3	4.68		
200 CFM 2-pipe fan coil	09A1910	1.79					4	3.93		
20,000 BTU boiler (dual-fire)	0981420	1.51					8	3.43		

Hospital - Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Wallpaper interior wall finish	0614500	1.46					9	3.32		
Concrete exterior finish, 3rd+ floor	0415A30	1.32	9	2.33						
Generator, diesel	1281200	1.26					10	2.86		
Generator, vapor gas powered	1281300	1.26					11	2.86		
Acoustical tile (dropped) ceiling	0632200	1.21	14	1.61						
Cement asbestos roofing	0311320	1.12	10	2.10						
25,000 CFM single-zone draw through	09A1C30	1.04	15	1.47						
Receptacle and plug	1127200	1.01	17	1.36	25	1.36				
Aluminum operable window, 3rd+ floor	0431130		16	1.43						
Exhaust fan, 50,000 CFM	09C1150		18	1.35						
Concrete, finished interior wall	061A200		19	1.34						
6,500 CFM single-zone draw through	09A1C10		20	1.14	15	2.19				
Lavatory, enameled steel	0811600		21	1.08						
Tankless water closet	0811100		22	1.07						
Quarry tile flooring	0622200		23	1.05						

Hospital - Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Shingles	0311350				1	7.85				
Aluminum siding exterior finish, 2nd floor	0415I20				2	7.60				
Aluminum siding exterior finish, 1st floor	0415I10				4	6.05				
Chiller - air cool recip, 10-ton	0991450				6	3.56				
200 KBTU house furnace (gas)	0981C30				8	3.05				
Hot water heater, gas/oil, 75-gal	0814E00				9	3.00				
Drinking fountain	0811H00				10	2.93				
Sheetrock (unstippled) ceiling	0631300				11	2.90				
Motor starter, 0-600V	1123600				12	2.86				
Exhaust fan, 10,000 CFM	09C1130				13	2.57				
Switchgear, indoor, 0-600V	1115100				14	2.46				
Steel interior finish (painted)	0616300				16	2.16				
Wood finished ceiling	0635100				17	1.88				
1 HP compressed air plumbing system	0831110				18	1.74				
Safety switch, enclosed	1122100				19	1.71				

Hospital - Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Lavatory, iron, enamel	0811400				20	1.69				
200 KBTU house furnace (oil)	0981D30				21	1.62				
Aluminum louvers (in frame), 1st floor	0433210				22	1.61				
100 KBTU house furnace (oil)	0981D20				23	1.49				
Damper controller - electrical	09E1210				24	1.43				
Board (finished) interior wall	0615700				26	1.01				
Pipe insulation	0984140						15	1.55		
Pipe and fitting, oxygen	0833210						17	1.20		
Pipe and fitting, anesthesia	0833110						19	1.16		
Pipe and fittings, cold water, steel or cast iron	0813100						20	1.07		
Chillers two-stage absorber, 900 tons	0991A20						21	1.00		

Dental Clinic Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Built-up roofing	0311100	10.00	1	9.43	1	9.98	1	12.81	1	9.40
Fluorescent lighting fixture	1131300	5.83	2	7.24	2	4.95	5	4.32	9	4.18
Sink, stainless steel	0811F00	3.54	3	4.08	10	2.44	11	2.86	5	5.22
Vinyl asbestos tile flooring	062A200	3.02	9	2.65	7	3.31	7	3.76	14	2.91
Solid core (painted) interior door	0533210	2.48			20	1.33	20	1.13	3	5.40
Sheetrock (unstippled) wall	0611300	2.37	4	3.71	16	1.64	17	1.44		
Thermostats/ pnematics	09E1110	2.25	5	3.54	23	1.12	16	1.48		
Switchgear, indoor below 600V	1117100	2.20	13	1.83	6	3.33	10	2.86		
25,000 CFM multi-zone	09A1130	2.17	10	2.35	5	3.61				
100 ton chillers ACH recip	0991430	1.75	12	1.88	8	2.92				
2,000 BTU boiler (oil)	0981320	1.71	22	1.21	4	3.79				
Hollow core (painted) interior door	0533110	1.60	7	2.85	3	4.42				
Carpet, floor	0629100	1.52	17	1.54	14	1.81			16	2.31
300 tons chillers hermetic cent.	0991620	1.47	6	3.21						
Receptacle and plug	1127200	1.30	19	1.47	25	1.04			21	1.73
Linoleum flooring	062A100	1.29	8	2.82						

Dental Clinic Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Deaerator	0981A10	1.26			12	2.04			2	5.46
2,000 BTU boiler (dual-fired)	0981410	1.24					3	4.99	4	5.39
Expansion chamber, cold water	0813700	1.24			9	2.49			10	4.12
Drinking fountain	0811H00	1.22	15	1.61						
Ceramic tile wall	0612800	1.21			13	1.87	18	1.27		
Contactors and relays	1124000	1.06							15	2.67
Pipe and fittings, waste and vent	0812100	1.04	23	1.18			21	1.11		
Vacuum pump	0831120	1.03	26	1.00	24	1.12			18	1.98
50 tons chillers ACH recip	0991420	1.02			15	1.65			8	4.42
50,000 CFM dual duct	09A1240		11	1.91						
Aluminum louvers in frame, 1st floor	0433210		14	1.77						
Hot water heater, electric, 1,000-gal	0814J00		16	1.59						
Valve, drain, cold water	0813600		18	1.53						
Valve, drain, hot water	0814600		20	1.36						
Formica interior wall	0614100		21	1.21						
Pipe insulation	0984140		24	1.09			13	1.91		
25,000 CFM term. reheat	09A1630		25	1.05						

Dental Clinic Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Feedwater supply	0981910				11	2.13				
1 HP compressed air plumbing system	0831110				17	1.47	14	1.87		
50 tons chillers WCH recip	0991520				18	1.42	9	3.07		
Damper controller - electrical	09E1210				19	1.37			11	4.07
Gate valve, 3/8" - 1 1/2"	0984210				21	1.24				
Board (finished) interior wall	0615700				22	1.20				
10,000 CFM multi-zone	09A1120				26	1.03	12	2.32		
250 BTU boiler (oil)	0981310						2	6.07		
20 tons chillers ACH recip	0991410						4	4.85		
6,500 CFM dual duct	09A1210						6	3.89		
Plaster wall	0611100						8	3.23		
Battery, primary dry	1283200						12	2.48		
Motor starter, 0-600V	1123600						15	1.58	17	2.12
Steam trap, F&T < 1"	0984370						19	1.14		
Distribution, gutters, pipe	0822100						22	1.06	24	1.02

Dental Clinic Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
25,000 CFM dual duct	09A1230								6	4.74
Switchgear, indoor above 600V	1117200								7	4.45
Expansion chamber, hot water	0814700								12	3.74
Sheetrock (stippled) wall	0611200								13	2.91
Transformer, dry above 15,000V	1114200								19	1.87
Emergency lighting fixture	1131500								20	1.73
Brass interior lockset	0582100								22	1.35
Transformer, dry belov 15,000V	1116200								23	1.34

Health Clinic Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Built-up roofing	0311100	6.90	1	10.53	1	10.85				
Shingles	0311350	5.67	9	3.02	21	1.22			1	11.71
Carpet, floor	0629100	4.31	13	2.08					2	9.77
Chiller-air cool recip. 15-ton	0991460	4.30	2	10.22						
Fluorescent lighting fixture	1131300	4.16	6	3.27	11	1.80			4	6.77
Hollow core (painted) wood interior door	0533110	3.83	3	8.72						
Vinyl asbestos tile flooring	062A200	3.69	7	3.16	5	4.50			11	3.79
Plaster wall	0611100	3.54	5	6.69	7	3.17				
10,000 CFM variable volume	09A1520	3.27							3	9.30
2 tons window A/C	0991220	3.04	4	7.23						
Solid core (painted) wood interior door	0533210	2.96	10	2.62					6	5.16
Switchgear, indoor 0-600V	1115100	2.27	19	1.32	20	1.25			8	4.07
Forced draft fan, 10,000 CFM	09B2110	2.07							5	5.89
6,500 CFM multi-zone	09A1110	1.97			2	8.66				
Chiller-air cool recip. 10-ton	0991450	1.78			3	7.82				
Thermostats/ pneumatics	09E1110	1.76	11	2.38	16	1.42			21	1.22

Health Clinic Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Sheetrock (stippled) wall	0611200	1.63							7	4.64
Sink, stainless steel	0811F00	1.56			18	1.35			13	2.97
Drinking fountain	0811H00	1.55	17	1.80	12	1.71			22	1.14
Expansion chamber, cold water	0813700	1.42							9	4.04
Time control clock	1261100	1.33							10	3.79
Receptacle and plug	1127200	1.33	25	1.10					15	1.86
Concrete block (WP/P), 1st floor	0415910	1.30	8	3.08						
2,000 BTU boiler (dual-fired)	0981410	1.30							12	3.69
Switchgear, indoor below 600V	1117100	1.28	16	1.88	9	2.10				
Distribution, gutters, pipe	0822100	1.23	26	1.04	19	1.30			18	1.40
Plaster ceiling	0631100	1.12	15	1.90	17	1.42				
Wood louvered interior doors	0534230	1.03			4	4.52				
200 KBTU house furnace (gas)	0981C30		12	2.25						
Insulation, pipe	0814800		14	1.98						
Exhaust fan, 1,000 CFM	09C1120		18	1.59						
Lavatory, enameled steel	0811600		20	1.27						

Health Clinic Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Aluminum operable windows, 1st floor	0431110		21	1.27						
Safety switch enclosed	1122100		22	1.23						
Linoleum flooring	062A100		23	1.21						
Solid core (painted) wood exterior door	0423210		24	1.16						
250 BTU bolier (oil)	0981310				6	3.30				
Cond. rcvr 10-15 gal	0984460				8	2.12				
Radiator, finned wall 10' section	0981H00				10	1.86				
Ceramic tile wall	0612800				13	1.62			17	1.42
Aluminum siding exterior, 2nd floor	0415I20				14	1.51				
Exhaust fan, 10,000 CFM	09C1130				15	1.48				
Fire alarm control panel	1221600				17	1.38				
Incandescent lighting fixture	1131100				22	1.19				
Pipe & fittings, waste & vent	0812100				23	1.10				
Sheetrock (unstippled) wall	0611300				24	1.03				
Aluminum siding exterior, 1st floor	0415I10				25	1.02				
Vinyl interior wall	0614400								14	2.59

Health Clinic Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Expansion chamber, hot water	0814700								16	1.51
Building structure ground	1114200								19	1.28
Brass interior lockset	0582100								20	1.25
Pipe & fittings, CW, steel or cast iron	0813100								23	1.01

General Purpose Admin Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Carpet, floor	0629100	8.70	1	7.52	2	4.93	1	22.48	8	3.91
Shingles	0311350	8.14	3	3.64	1	5.22	3	5.97	1	12.41
Vinyl asbestos tile flooring	062A200	4.63	5	3.04	5	3.79			2	7.61
Fluorescent lighting fixture	1131300	4.37	2	4.89	4	4.10	8	3.22	6	4.59
200 KBTU house furnace (gas)	0981C30	3.29							3	7.20
Wood finished (multi-coat) exterior, 1st floor	0415F10	3.01							4	6.14
Switchgear, indoor 0-600V	1115100	2.39					19	1.27	7	4.12
Sheetrock (stippled) wall	0611200	2.35							5	5.15
250 BTU boiler (gas)	0981110	2.32					2	11.43		
25 KBTU house furnace (gas)	0981C10	2.19					12	2.27	9	3.82
Dbl pane wood frame operable window, 1st floor	0431810	1.60							10	3.56
Drinking fountain	0811H00	1.54	20	1.07	19	1.35	17	1.49	15	1.88
Sheetrock (stippled) ceiling	0631200	1.54							11	3.42
Sheetrock (unstippled) wall	0611300	1.54	9	2.59	8	2.58			21	1.34
Double pane wood frame operable window, 2nd floor	0431820	1.38							12	3.05

General Purpose Admin Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Wood, finished (multi-coat) exterior, 2nd floor	0415F20	1.26							13	2.71
Receptacle and plug	1127200	1.25			24	1.13	21	1.14	19	1.57
Hollow core (painted) wood interior door	0533110	1.24	7	2.73	11	2.10				
Sheetrock (unstippled) ceiling	0631300	1.22			21	1.30	5	4.00		
Distribution, gutters, pipe	0822100	1.16							17	1.78
Built-up roofing	0311100	1.13	4	3.52	10	2.31				
250 BTU boiler (oil)	0981310	1.03					6	3.87		
Metal roofing	0311360		6	2.89						
Pipe/fittings, copper (fuel oil)	0923100		8	2.62						
Generator, gasoline powered	1281100		10	2.22						
Thermostats/ pneumatics	09E1110		11	2.21	17	1.50				
Solid core (painted) wood interior door	0533210		12	2.16	13	1.76				
Switchgear, indoor below 600V	1117100		13	1.88	25	1.11				
Aluminum siding exterior, 1st floor	0415I10		14	1.84	3	4.58				
1-ton window A/C	0991210		15	1.65	27	1.05				

General Purpose Admin Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Panel (laminated) interior wall	0615600		16	1.40						
2,000 BTU boiler (dual-fired)	0981410		17	1.33						
Chiller-air cool recip. 10-ton	0991450		18	1.12	12	2.01				
Hot water heater, electric, 120-gal	0814H00		19	1.09						
6,500 CFM single-zone draw thru	09A1C10		21	1.07	15	1.66				
Chiller-air cool recip. 5-ton	0991440		22	1.05	9	2.33				
6,500 CFM dual duct unit	09A1210				6	3.43				
Aluminum siding exterior, 2nd floor	0415I20				7	3.33				
20 tons chillers ACH recip.	0991410				14	1.71				
Motor starter, 0-600V	1123600				16	1.59				
200 KBTU house furnace (oil)	0981D30				18	1.37				
Battery, secondary dry	1283400				20	1.33				
Fabric partition	0522100				22	1.28				
20,000 BTU boiler (dual-fired)	0981420				23	1.22				
Concrete block (painted) wall	0612400				26	1.10				

General Purpose Admin Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Wood frame (painted) operable window, 2nd floor	0431320						4	4.41		
Plywood (painted/stained) interior wall	0615100						7	3.78		
Formica-vinyl exterior, 2nd floor	0415O20						9	3.20		
Wallpaper interior wall	0614500						10	3.07		
Cork interior wall tile	0619300						11	2.77		
Hot water heater, gas/oil, 75-gal	0814E00						13	2.22		
Plaster wall	0611100						14	1.75		
Wood frame (painted) operable window, 1st floor	0431310						15	1.73		
Lavatory, vitreous china	0811500						16	1.64	22	1.11
Formica-vinyl exterior, 1st floor	0415O10						18	1.31		
Tankless water closet	0811100						20	1.19		
Bathtub, cast iron	0811700						22	1.06		
Switchgear, indoor above 600V	1117200								14	2.11
Expansion chamber, cold water	0813700								16	1.85

General Purpose Admin Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Solid core (painted) wood exterior door	04232100								18	1.63
Brass interior lockset	0582100								20	1.48
Pipe & fittings, waste & vent	0812100								23	1.05
Wainscot interior wall	0615900								24	1.01

Family Housing 1900-1950 Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Chiller-air cooler recip. 5-ton	0991440	8.45	1	10.75						
Plaster wall	0611100	7.56	2	5.49			2	15.17		
250 BTU boiler (gas)	0981110	4.59					1	21.53		
Tile roofing	0311330	4.17	3	5.29						
Plaster ceiling	0631100	4.13	8	3.65			5	5.89		
Hot water heater, electric, 120-gal	0814H00	3.59	4	4.56						
Solid core (painted) wood interior door	0533210	3.54	5	4.50						
Maple floor	0625200	3.34	7	3.73			11	1.89		
Hot water heater gas/oil 1,000 GPH recovery	0814F00	3.12					3	14.64		
Single-zone draw thru 1,000 CFM	09A1C50	3.04	6	3.86						
Stucco interior, 2nd floor	0415C20	2.85	9	3.62						
Wood frame (painted) operable window, 2nd floor	0431320	2.65	13	2.46			7	3.32		
Stucco exterior, 1st floor	0415C10	2.25	10	2.86						
Wood unfinished ceiling	0635200	2.25	11	2.86						
Switchgear, indoor below 600V	1117100	2.17	12	2.76						
Wood finished ceiling	0635100	2.06	18	1.71			8	3.32		

Family Housing 1900-1950 Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Aluminum frame storm windows, 2nd floor	0434120	1.71	14	2.18						
Distribution, gutters, pipe	0822100	1.66	19	1.70			13	1.49		
Wood frame (painted) operable window, 1st floor	0431310	1.64	16	1.76			15	1.22		
Incandescent lighting fixture	1131100	1.61	21	1.42			9	2.30		
Shingles	0311350	1.60					4	6.14		
Dishwasher	0841100	1.57	15	2.00						
Wood trimming	0561100	1.37	17	1.75						
Thermostats/ pneumatics	09E1110	1.21	23	1.28						
Aluminum (plain & anodized) screen/storm door	0426110	1.15	20	1.46						
Aluminum frame storm windows, 1st floor	0434110	1.09	22	1.39						
Ceramic tile wall	0612800	1.09					10	1.90		
Bathub, cast iron	0811700	1.06					12	1.63		
Clay block (painted) wall	0612200		24	1.16						
Valve, drain, HW	0814600		25	1.10						
Wood parquetry flooring	0625100						6	4.28		
Wood frame (painted) fixed window, 2nd floor	0432320						14	1.38		

Family Housing 1900-1950 Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Wiring device, switch	1127100						16	1.01		

Family Housing 1951-- Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Plaster wall	0611100	6.75					20	1.19	1	15.62
Shingles	0311350	6.71	3	5.89	4	6.71	9	4.06	2	8.14
Sheetrock (unstippled) wall	0611300	5.84	1	9.37	3	6.80	2	14.10		
100 KBTU house furnace (gas)	0981C20	4.48	24	1.13			3	8.92	4	7.51
Chiller-air cool, recip., 5-ton	0991440	4.34	2	8.81	1	9.90				
Hollow core (painted) wood interior door	0533110	4.01	4	4.94	2	7.77	5	5.08	11	2.54
Carpet, floor	0629100	3.42							3	8.01
Dishwasher	0841100	2.99	9	2.59	12	2.29	7	4.44	9	3.18
Vinyl asbestos tile flooring	062A200	2.93	10	2.35			6	5.05	8	3.32
Hot water heater, gas/oil, 75-gal	0814E00	2.58	6	3.12			8	4.15	16	1.85
Plaster ceiling	0631100	2.45							5	5.23
Sheetrock (unstippled) ceiling	0631300	2.25	5	3.44	8	3.22	4	6.65		
Stucco exterior, 2nd floor	0415C20	2.08							6	4.22
Built-up roofing	0311100	2.04	19	1.23			1	16.41		
Stucco exterior, 1st floor	0415C10	1.83							7	3.58
Receptacle and plug	1127200	1.81	14	1.33			16	1.50	12	2.45
Maple floor	0625200	1.65	7	3.10	10	2.40	14	1.66		
Hot water heater, gas/oil, 30-gal	0814D00	1.58					12	1.85	10	2.81

Family Housing 1951-- Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Incandescent lighting fixture	1131100	1.52	15	1.33					15	1.88
Wiring device, switch	1127100	1.45	28	1.05	23	1.02	18	1.36	14	1.93
Wood unfinished ceilng	0635200	1.43	8	2.85						
Switchgear, indoor below 600V	1117100	1.41	11	2.34	13	2.19				
25 KBTU house furnace (gas)	0981C10	1.34	12	1.83					19	1.16
Waste disposal, residential	0841200	1.18	29	1.01			13	1.80	18	1.26
Thermostats/ pneumatics	09E1110	1.18	13	1.55	21	1.08				
Bathub, plastic	0811J00		16	1.32						
Single-zone draw thru, 1,000 CFM	09A1C50		17	1.31						
Aluminum (pln. & anodized) screen/storm door	0426110		18	1.30	14	2.19				
Valve, drain, HW	0814600		20	1.22						
Hollow core (painted) wood sliding interior door	0533120		21	1.19	20	1.31				
Linoleum flooring	062A100		22	1.19						
Exhaust fan, 25,000 CFM	09C1140		23	1.16						
Valve, drain, CW	0813600		25	1.08						
Steel louvered interior door	0534220		26	1.07						

Family Housing 1951-- Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Distribution, gutters, pipe	0822100		27	1.05						
Exhaust fan, 10,000 CFM	09C1130				5	6.27				
100 KBTU house furnace (oil)	0981D20				6	4.61				
Aluminum siding, 1st floor	0415I10				7	4.06				
Vinyl sheet flooring	062A400				9	3.15				
200 KBTU house furnace (oil)	0981D30				11	2.37				
Double pane alum. operable windows, 1st floor	0431610				15	1.89				
Aluminum frame screen window cover, 1st floor	0434610				16	1.71				
Metal ceiling (painted)	0636100				17	1.60				
Concrete decking-porch	0441100				18	1.55				
Ceramic tile wall	0612800				19	1.39	17	1.39		
Doorbell	1215000				22	1.07				
Aluminum operable windows, 1st floor	0431110						10	2.06		
Fluorescent lighting fixture	1131300						11	1.86		
Concrete block (painted) wall	0612400						15	1.58		

Family Housing 1951-- Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Bathub, cast iron	0811700						19	1.32	22	1.01
Sink, stainless steel	0811F00						21	1.14		
Flush tank water closet	0811200						22	1.13		
250 BTU boiler (gas)	0981110								13	2.18
Sheetrock (stippled) wall	0611200								17	1.69
Expansion chamber, cold water	0813700								20	1.14
Steel (painted) metal exterior	0421210								21	1.06

Family Housing (Capehart) Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Sheetrock (unstippled) wall	0611300	7.41	2	8.59	2	8.40	1	16.58	14	1.71
Built-up roofing	0311100	6.95	1	9.60	16	1.63			1	15.50
Chiller-air cool recip., 5-ton	0991440	5.96	4	5.63	1	10.06				
Hollow core (painted) wood interior door	0533110	5.50	5	5.37	4	6.26			3	5.61
100 KBTU house furnace (gas)	0981C20	3.90	16	1.50	12	2.63	2	10.82	2	7.60
Shingles	0311350	3.53	10	2.61	5	4.98	3	9.60		
Exhaust fan, 10,000 CFM	09C1130	3.45			3	7.94				
Dishwasher	0841100	2.36	7	3.10	11	2.67	15	1.76		
Switchgear, indoor, below 600V	1117100	2.34	6	3.13	10	2.79			25	1.09
Sheetrock (unstippled) ceiling	0631300	2.32	26	1.11	7	3.42	5	7.07		
Maple floor	0625200	2.17	13	2.12	8	2.90			20	1.38
Hot water heater, gas/oil, 75-gal	0814E00	2.07	25	1.18	13	2.04	4	7.18	12	1.95
Hot water heater, electric, 120-gal	0814H00	1.95	3	6.36						
Wood parquetry flooring	0625100	1.67	9	2.68			14	1.77	6	3.58
100 KBTU house furnace (oil)	0981D20	1.58			6	3.64				
Aluminum (plain and anodized) screen/storm door	0426110	1.55	12	2.17	14	1.98				

Family Housing (Capehart) Cost by Component										
Component Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Vinyl sheet flooring	062A400	1.51			9	2.87				
Receptacle and plug	1127200	1.31	22	1.25	22	1.06	8	2.43	16	1.58
Thermostats/ pneumatics	09E1110	1.25	21	1.26	18	1.32	16	1.73		
Plaster ceiling	0631100	1.21	8	2.71					13	1.94
Sheetrock (stippled) wall	0611200	1.19							4	5.19
Wiring device, switch	1127100	1.17			23	1.06	11	2.16	21	1.38
Incandescent lighting fixture	1131100	1.15	17	1.46			12	2.02	15	1.60
Distribution, gutters, pipe	0822100	1.13	23	1.23	21	1.08	9	2.29		
Waste disposal, residential	0841200	1.08	24	1.21	24	1.06	10	2.23		
Plaster wall	0611100	1.05							5	4.66
Ceramic tile wall	0612800	1.04	20	1.34			21	1.51	18	1.44
25-KBTU house furnace (oil)	0981D10		11	2.19						
Wood louvered interior doors	0534230		14	2.10						
Concrete block (painted) wall	0612400		15	1.52						
Single-zone draw through, 1,000 CFM	09A1C50		18	1.39						
Wood unfinished ceiling	0635200		19	1.35						

Family Housing (Capehart) Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Double pane aluminum operable window, 1st floor	0431610		27	1.09	25	1.04				
Wood trimming (interior)	0561100		28	1.07						
Valve, drain HW	0814600		29	1.05						
Aluminum siding, exterior, 1st floor	0415I10				15	1.85				
Fluorescent lighting fixture	1131300				17	1.50				
Metal ceiling (painted)	0636100				19	1.17				
Overhead service feeder	1112000				20	1.11				
Vinyl asbestos tile flooring	062A200						6	4.26		
Wood frame (painted) operable window, 2nd floor	0431320						7	3.41		
Wood frame (painted) operable window, 1st floor	0431310						13	1.80		
Sink, stainless steel	0811F00						17	1.71	23	1.17
Solid core (painted) wood exterior door	0423210						18	1.53	19	1.43
Lavatory, iron, enamel	0811400						19	1.53		
Wood frame (painted) fixed window, 1st floor	0432310						20	1.51		

Family Housing (Capehart) Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Bathtub, enameled steel	0811800						22	1.33	27	1.04
Flush tank water closet	0811200						23	1.31		
Exhaust fan, 200 CFM	09C1110						24	1.17		
Safety switch, enclosed	1122100						25	1.14		
Hollow core (painted) wood exterior door	0423110						26	1.05		
Steel sliding (painted) interior doors	0531130								7	3.28
Stucco exterior, 1st floor	0415C10								8	2.98
Solid core wood (painted) sliding interior door	0533220								9	2.39
Sink, iron enamel	0814D00								10	2.21
Sheetrock (stippled) ceiling	0631200								11	2.20
Wood, finished (multi-coat) exterior, 1st floor	0415F10								17	1.47
Wood exterior gate	0425300								22	1.37
Switch, pull cord	1127300								24	1.15
Hollow core wood (painted) sliding interior door	0533120								26	1.07

Family Housing (Capehart) Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Aluminum operable window, 1st floor	0431110								28	1.02

Family Housing (Wherry) Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Shingles	0311350	7.44	2	7.60			2	9.06	4	6.72
Sheetrock (unstippled) wall	0611300	6.87	1	8.12			1	22.76	24	1.16
Hot water heater, electric, 120-gal	0814H00	6.02	3	7.56						
Chiller-air cool recip. 5-ton	0991440	3.65	4	4.58						
Maple floor	0625200	3.43	5	4.19						
Dishwasher	0841100	3.29	8	3.73			4	8.83	20	1.31
25 KBTU house furnace (electric)	0981E10	3.24	6	4.07						
Sheetrock (unstippled) ceiling	0631300	3.16	7	3.88			3	9.02		
Switchgear, indoor below 600V	1117100	3.05	9	3.71						
Wood unfinished ceiling	0635200	2.60	10	3.26						
Built-up roofing	0311100	1.93							1	9.09
Aluminum (plain & anodized) screen/storm door	0426110	1.89	11	2.37						
Wood parquetry flooring	0625100	1.84	15	1.85					13	1.84
Wood trimming (interior)	0561100	1.73	12	2.11						
Thermostats/ pneudraulics	09E1110	1.69	16	1.80					19	1.31
100 KBTU house furnace (gas)	0981C20	1.65							2	8.42
Distribution, gutters, pipe	0822100	1.64	13	1.94			13	2.23		

Family Housing (Wherry) Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Plaster wall	0611100	1.53							3	7.83
Single-zone draw thru 1,000 CFM	09A1C50	1.50	14	1.88						
Solid core (painted) wood interior door	0533210	1.42	17	1.52					25	1.10
Receptacle and plug	1127200	1.31	20	1.18			10	2.56	14	1.81
Incandescent lighting fixture	1131100	1.15	21	1.13					23	1.23
Valve, drain HW	0814600	1.14	18	1.41						
Hollow core (painted) wood interior door	0533110	1.08							8	3.13
Hollow core (painted) wood siding interior door	0533120	1.05	19	1.32						
Linoleum flooring	062A100		22	1.12						
Exhaust fan, 1,000 CFM	09C1120		23	1.12						
Valve drain CW	0813600		24	1.03						
Pipe & fittings, copper, HW	0814200						5	8.47		
Steel frame (painted) operable window, 2nd floor	0431220						6	5.08		
Waste disposal, residential	0841200						7	3.58		
Bathub, cast iron	0811700						8	3.34		

Family Housing (Wherry) Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Solid core (painted) wood exterior door	0423210						9	2.69	15	1.71
Steel frame (painted) operable window, 1st floor	0431210						11	2.46		
Wiring device, switch	1127100						12	2.33	22	1.30
Sink, stainless steel	0811F00						14	2.22		
Formica-vinyl exterior, 2nd floor	0415O20						15	2.15		
Concrete, finished interior wall	061A200								5	4.91
Vinyl asbestos tile flooring	062A200								6	4.06
Plaster ceiling	0631100								7	3.32
Solid core (painted) wood sliding interior door	0533220								9	2.94
Hot water heater, gas/oil, 75-gal	0814E00								10	2.91
Stucco exterior finish	0415C10								11	2.75
Concrete exterior finish	0415A10								12	2.60
Wood frame (painted) operable window, 1st floor	0431310								16	1.61
Hot water heater, gas/oil, 30-gal	0814D00								17	1.51

Family Housing (Wherry) Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Wood exterior gate	0425300								18	1.49
Steel painted interior door	0531110								21	1.30
Plywood (painted) interior wall	0615100								26	1.10
Sheetrock (stippled) ceiling	0631200								27	1.08

UPH Enlisted Personnel Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Vinyl asbestos tile flooring	062A200	5.64	1	6.41	11	1.77	2	4.45	2	5.39
Built-up roofing	0311100	4.86	2	4.69	4	4.65	7	2.98	1	7.12
Concrete block (painted) wall	0612400	4.42	3	4.59	3	4.97	3	4.10	5	3.69
Thermostats/ pneumatics	09E1110	3.67	4	4.36	6	4.34	21	1.48	10	2.39
Solid core (painted) wood interior door	0533210	3.52	8	3.28	5	4.61	4	3.50	4	3.97
200 CFM two-pipe fan coil	09A1910	2.89	5	4.34	14	1.63				
Shingles	0311350	2.72	9	3.19			1	5.17		
Fluorescent lighting fixture	1131300	2.64	10	2.97	16	1.61			7	3.15

UPH Enlisted Personnel Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Hollow core (painted) wood interior door	0533110	2.53	6	3.92						
Ceramic tile wall	0612800	2.32	11	2.72	7	4.06			18	1.55
Chiller-air cool recip., 10-ton	0991450	2.22	7	3.48						
600 CFM two-pipe fan coil	09A1930	1.82	16	1.69	2	9.35				
Sheetrock (unstippled) wall	0611300	1.75	13	2.40			16	1.65		
Pipe insulation	0984140	1.70	18	1.65	19	1.24	10	2.22	15	1.72
Linoleum flooring	062A100	1.62	12	2.41						
Carpet, floor	0629100	1.53			1	11.31			6	3.34
Switchgear, indoor below 600V	1117100	1.53	20	1.56	10	1.92			13	1.82
Battery, secondary dry	1283400	1.50	14	2.24						
6,500 CFM single-zone draw thru	09A1C10	1.41	15	2.21						
Receptacle and plug	1127200	1.29	22	1.29	18	1.45			20	1.46
Tankless water closet	0811100	1.22	25	1.15	13	1.66			21	1.46
Drinking fountain	0811H00	1.20	21	1.36			14	1.85		
Lavatory, enameled steel	0811600	1.12	19	1.65						
Exhaust fan, 10,000 CFM	09C1130	1.08	17	1.68						
Incandescent lighting fixture	1131100	1.01					17	1.58		

UPH Enlisted Personnel Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
250 BTU boiler (oil)	0981310		23	1.27						
200 KBTU house furnace (gas)	0981C30		24	1.26						
Sheetrock (unstippled) ceiling	0631300		26	1.05						
Damper controller - electrical	09E1210				8	3.63				
Shower, terrazzo	0811900				9	3.56			11	2.01
Lavatory, iron, enamel	0811400				12	1.72	12	1.97	19	1.54
Motor starter, 0-600V	1123600				15	1.61				
Floor drain, without bucket	0812210				17	1.56				
1 HP compressed air plumbing system	0831110				20	1.13				
Smoke detector	1221200				21	1.09				
Wire mesh wall	0616400						5	3.46		
Wood frame (painted) operable window, 2nd floor	0431320						6	3.05		
100 KBTU house furnace (oil)	0981D20						8	2.92		
Plywood (painted) interior wall	0615100						9	2.32		
Wood finished ceiling	0635100						11	2.12		

UPH Enlisted Personnel Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Battery, primary wet	1283100						13	1.90		
Aluminum frame screen window cover, 3rd floor	0434630						15	1.71		
Wood trimming (interior)	0561100						18	1.55		
Radiator, finned wall, 10' section	0981H00						19	1.52	27	1.10
Sheetrock (stippled) ceiling	0631200						20	1.52		
Aluminum operable window, 3rd+ floor	0431130						22	1.47		
Aluminum frame screen window cover, 1st floor	0434620						23	1.39		
Formica-vinyl exterior, 2nd floor	0415O20						24	1.20		
Concrete, finished flooring	062B200						25	1.15		
Solid core wood (safety glass) paint exterior door	0423230						26	1.12		
Safety switch, enclosed	1122100						27	1.07		
Urinal	0811300						28	1.03		
Concrete, finished interior wall	061A200								3	5.04
Finned radiator, wall 10'	0943300								8	2.86

UPH Enlisted Personnel Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Steam trap, F&T < 1"	0984370								9	2.40
2,000 BTU boiler (dual-fired)	0981410								12	1.98
Stucco exterior, 3rd+ floor	0415C30								14	1.75
Hot water heater, electric, 1,000 gal	0814J00								16	1.66
Sheetrock (stippled) wall	0611200								17	1.57
Stucco exterior, 2nd floor	0415C20								22	1.32
Pipe and fittings, waste and vent	0812100								23	1.20
Concrete, finished ceiling	063A200								24	1.16
Exhaust fan, 1,000 CFM	09C1120								25	1.16
Ceramic trimming (interior)	0561400								26	1.14
Steel frame (painted) operable window, 3rd+ floor	0431230								28	1.01

Trainee Barracks Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Deaerator	0981A10	10.71			1	10.71				
Vinyl asbestos tile flooring	062A200	8.31			2	8.31				
Built-up roofing	0311100	7.75			3	7.75				
Thermostats/ pneumatics	09E1110	7.23			4	7.23				
Concrete block (painted) wall	0612400	6.22			5	6.22				
Ceramic tile wall	0612800	5.42			6	5.42				
Hollow core (painted) wood interior door	0533110	4.85			7	4.85				
Fluorescent lighting fixture	1131300	4.67			8	4.67				
Fire alarm control panel	1221600	4.49			9	4.49				
Pipe insulation	0984140	3.07			10	3.07				
Radiator, finned wall 10' section	0981H00	2.60			11	2.60				
Concrete, finished ceiling	063A200	2.03			12	2.03				
Lavatory, vitreous china	0811500	1.86			13	1.86				
Switchgear, indoor, below 600V	1117100	1.80			14	1.80				
Valve, drain HW	0814600	1.78			15	1.78				
Valve, drain CW	0813600	1.58			16	1.58				
Drinking fountain	0811H00	1.44			17	1.44				

Trainee Barracks Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Floor drain, without bucket	0812200	1.29			18	1.29				
Receptacle and plug	1127200	1.10			19	1.10				
Gate valve, 3/8" - 1 1/2"	0984210	1.05			20	1.05				
Hot water heater, electric, 1,000-gal	0814J00	1.01			21	1.01				

UPH Dining Facilities Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Built-up roofing	0311100	7.31	2	5.60	1	8.64	3	6.85	1	12.20
20,000 BTU boiler (dual-fired)	0981420	4.85					1	29.17		
Shingles	0311350	3.81	1	6.08	13	1.92	8	2.33	16	2.01
Quarry tile flooring	0622200	3.43	8	3.39	4	4.64			4	5.57
Vinyl asbestos tile flooring	062A200	3.32	3	4.80	11	2.58	19	1.24	13	2.53
Fluorescent lighting fixture	1131300	3.24	7	4.03	9	2.95	9	2.06	11	2.61
Exhaust fan, 10,000 CFM	09C1130	3.01	9	3.26	8	3.19	12	1.86	6	3.32
Aluminum louvers in frame, 1st floor	0433210	2.76			2	8.57				
Deaerator	0981A10	2.04	25	1.02	6	3.55			3	5.80
10,000 CFM single-zone draw thru	09A1C20	2.00	18	1.57	7	3.23	13	1.73		
Ceramic tile wall	0612800	1.97	17	1.71	5	3.86				
Chiller-air cool recip., 5-ton	0991440	1.96	6	4.13						
200 KBTU house furnace (gas)	0981C30	1.90	5	4.19						
Single-zone draw thru, 2,500 CFM	09A1C60	1.89	4	4.33						
Battery, secondary wet	1283300	1.60			3	5.03				
Wood, finished (multi-coat) exterior, 1st floor	0415F10	1.50	10	3.22						

UPH Dining Facilities Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Motor starter, 0-600V	1123600	1.38			12	2.03	10	1.91	5	3.66
Pipe insulation	0984140	1.37			10	2.61	6	2.80		
Switchgear, indoor, 0-600V	1115100	1.28	12	2.38						
Sheetrock (unstippled) wall	0611300	1.25	14	2.19						
Hollow core (painted) wood interior door	0533110	1.24	11	2.76						
6,500 CFM single-zone draw thru	09A1C10	1.24			15	1.51	16	1.43	12	2.57
Steel louvers with frame, 1st floor	0433310	1.24					2	7.06		
Switchgear, indoor, below 600V	1117100	1.21	21	1.27	18	1.33	21	1.10		
Thermostats/ pneumatics	09E1110	1.16	15	1.97						
25,000 CFM single-zone draw thru	09A1C30	1.10	16	1.96					8	3.01
1-ton window A/C	0991210		13	2.20						
100 KBTU house furnace (gas)	0981C20		19	1.52					22	1.20
Wood frame (painted) operable window, 1st floor	0431310		20	1.52						
Aluminum frame storm windows, 1st floor	0434110		22	1.22						

UPH Dining Facilities Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Solid core (painted) wood interior door	0533210		23	1.12						
Wood panel (laminated) interior wall	0615600		24	1.06						
2,000 BTU boiler (oil)	0981320				14	1.72				
Aluminum siding exterior, 1st floor	0415I10				16	1.49				
1 HP compressed air plumbing system	0831110				17	1.35				
Hot water heater, electric, 1,000-gal	0814J00				19	1.31				
10,000 CFM multi-zone unit	09A1120				20	1.12				
Floor drain, without bucket	0812200				21	1.04			23	1.17
100 tons chillers ACH recip.	0991430						4	4.57		
Battery, primary dry	1283200						5	3.43		
Carpet, floor	0629100						7	2.53		
Feedwater supply	0981910						11	1.86	7	3.15
Ind. draft fan, 10,000 CFM	09B2120						14	1.60		
Steam trap, F&T < 1"	0984370						15	1.44	17	1.96
Safety switch, enclosed	1122100						17	1.32		

UPH Dining Facilities Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Wood finished ceiling	0635100						18	1.31		
Metal ceiling (painted)	0636100						20	1.10		
10,000 BTU boiler (gas)	0981130								2	10.12
Wood louver in frame, 1st floor	0433110								9	2.99
Hot water heater, electric, 300-gal	0814I00								10	2.72
Expansion chamber, CW	0813700								14	2.14
Switchgear, indoor above 600V	1117200								15	2.05
Exhaust fan, 50,000 CFM	09C1150								18	1.66
Distribution, gutters, pipe	0822100								19	1.44
Exhaust fan, 25,000 CFM	09C1140								20	1.38
Damper controller - electrical	09E1210								21	1.25
Concrete block (WP/P) exterior, 1st floor	0415910								24	1.04

UPH Officers Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Hollow core (painted) wood interior door	0533110	6.34	4	5.61	1	6.32	2	7.68	2	6.75
Vinyl asbestos tile flooring	062A200	4.97	2	6.18	8	4.42	7	3.14	4	4.73
Built-up roofing	0311100	4.25	3	5.71			19	1.53	1	7.94
Bathtub, enameled steel	0811800	3.28	5	4.40	9	3.22			8	3.28
Carpet, floor	0629100	3.07	7	3.78			1	10.06	16	2.16
400 CFM 2-pipe fan coil unit	09A1920	2.98	1	6.92	16	2.03				
Ceramic tile wall	0612800	2.18	18	1.62	13	2.31	10	2.59	13	2.59
Sheetrock (unstippled) wall	0611300	2.06			5	4.88	4	5.51		
Switchgear, indoor below 600V	1117100	2.01	13	2.24	25	1.18	14	1.68	11	2.71
Motor starter, 0-600V	1123600	1.96			2	6.25				
Thermostats/ pneumatics	09E1110	1.85			6	4.71	12	2.23		
Shingles	0311350	1.68			7	4.62	6	3.60		
Solid core (painted) wood interior door	0533210	1.66	6	3.96			26	1.02		
Exhaust fan 200 CFM	09C1110	1.62			11	2.87			10	2.87
Wood louvered interior doors	0534230	1.56					3	6.54	9	3.09
Radiator, finned wall 10' section	0981H00	1.51			18	1.56	21	1.49	7	3.51

UPH Officers Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Wood louver in frame, 3rd floor	0433130	1.46			3	5.33				
Solid core (painted) wood sliding interior door	0533220	1.44							3	5.52
250 BTU boiler (gas)	0981110	1.43							5	4.50
1-ton window A/C	0991210	1.42			4	5.09				
Plaster ceiling	0631100	1.30	9	3.20						
Plaster wall	0611100	1.26	8	3.24						
Hollow core (painted) wood sliding interior door	0533120	1.24			17	1.78	5	3.95		
Receptacle and plug	1127200	1.23	21	1.29	23	1.26	27	1.01	25	1.21
Incandescent lighting fixture	1131100	1.15	19	1.60			17	1.55		
Sink, stainless steel	0811F00	1.13			21	1.37			14	2.35
Smoke detector	1221200	1.05			14	2.11			21	1.54
Waste disposal, residential	0841200	1.03							6	3.73
Wiring device, switch	1127100	1.02			22	1.29	25	1.22		
Flush tank water closet	0811200	1.01	17	1.69						
Valve, drain CW	0813600		10	2.62						
Valve drain, HW	0814600		11	2.62						

UPH Officers Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Ceramic trimming (interior)	0561400		12	2.53						
Finned radiator, wall 10' section	0943300		14	2.24						
Concrete exterior, 3rd floor	0415A30		15	2.05						
Lavatory, enameled steel	0811600		16	1.96	28	1.01				
200 CFM 2-pipe fan coil unit	09A1910		20	1.42						
Exhaust fan, 25,000 CFM	09C1140		22	1.24						
Double pane aluminum operable window, 3rd floor	0431630		23	1.14						
Exhaust fan 10,000 CFM	09C1130		24	1.05						
Fluorescent lighting fixture	1131300		25	1.05						
Double pane aluminum fixed window, 3rd floor	0432630		26	1.03						
2,000 BTU boiler (gas)	0981120				10	3.15				
50 tons chillers ACH recip.	0991420				12	2.64				
Sheetrock (unstippled) ceiling	0631300				15	2.06	11	2.54		
Safety switch fused 1 P	1122410				19	1.54				
Stucco interior wall	0631400				20	1.51				

UPH Officers Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Paneled door	0534110				24	1.20				
Pipe insulation	0984140				26	1.15	9	2.67		
Wood frame (painted) interior door	0532210				27	1.06				
Baseboard radiator, 10' section	0943200						8	2.84		
Concrete block (painted) interior wall	0612400						13	1.97	20	1.54
Bathub, cast iron	0811700						15	1.63		
Wood trimming (interior)	0561110						16	1.56		
Radiator, baseboard 10' section	0981G00						18	1.55		
Aluminum frame storm windows, 2nd floor	0434120						20	1.50		
Aluminum frame screen cover, 2nd floor	0434620						22	1.36		
2,000 BTU boiler (dual-fired)	0981410						23	1.36		
Lavatory, vitreous china	0811500						24	1.22	18	1.96
Sheetrock (stippled) wall	0611200								12	2.63
Steel frame (painted) operable window, 2nd floor	0431220								15	2.25

UPH Officers Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Sheetrock (stippled) ceiling	0631200								17	2.16
Concrete block (WP/P) exterior, 2nd floor	0415920								19	1.72
Concrete decking-porch	0441100								22	1.42
Floor drain, without bucket	0812200								23	1.33
Concrete block (WP/P) exterior, 1st floor	0415910								24	1.26
Steel frame (painted) operable window, 1st floor	0431210								26	1.04
Steel (w/safety glass) painted exterior door	0421220								27	1.04
Pipe/fittings, ST & CP	0984110								28	1.01

Community Fire Station Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Generator, diesel	1281200	12.38	1	28.50						
Built-up roofing	0311100	7.01	6	2.69	2	6.82	2	7.96	2	22.83
Shingles	0311350	5.61	3	6.99	1	7.61	8	3.14		
Wood, finished (multi-coat) exterior, 1st floor	0415F10	3.12	2	7.19						
250 BTU boiler (gas)	0981110	2.76	4	3.10	3	5.56				
2,000 BTU boiler (dual-fired)	0981410	2.61					1	12.99		
2,000 BTU boiler (gas)	0981120	2.52							1	23.00
Battery, secondary dry	1283400	2.18			5	3.90	4	5.87		
Carpet, floor	0629100	2.16			4	3.96	5	5.73		
Sheetrock (unstippled) ceiling	0631300	1.77	10	2.23	14	2.05	18	1.37		
Fluorescent lighting fixture	1131300	1.75			13	2.18	6	3.61	16	1.40
Solid core (painted) wood interior door	0533210	1.63	11	2.12			22	1.14	8	2.32
Vinyl asbestos tile flooring	062A200	1.59	7	2.65	23	1.32				
250 BTU boiler (oil)	0981310	1.59					3	7.89		
Concrete block (painted) interior wall	0612400	1.55	15	1.28	25	1.19	14	1.96	7	2.67
Wood single roll-up doors	0427500	1.49	9	2.45			12	2.12		

Community Fire Station Cost by Component										
Component Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Distribution, gutters, pipe	0822100	1.49			19	1.70	21	1.32	4	4.70
Thermostats/ pneumatics	09E1110	1.35			27	1.10	9	2.93	20	1.09
Drinking fountain	0811H00	1.33	14	1.51	30	1.03	19	1.36	17	1.24
Board (finished) interior wall	0615700	1.31	8	2.58						
25 KBTU house furnace (oil)	0981D10	1.27	5	2.92						
Metal ceiling (painted)	0636100	1.20			18	1.71	10	2.52		
Motor starter, 0-600V	1123600	1.17			12	2.25			9	2.08
Incandescent lighting fixture	1131100	1.12	16	1.25	21	1.47			15	1.68
Wood frame (paint) operable window, 1st floor	0431310	1.09	13	1.56			16	1.60		
Concrete, unfinished flooring	062B100	1.01	17	1.17					11	1.95
Metal Roofing	0311360		12	1.86						
Switchgear, indoor below 600V	1117100		18	1.06			23	1.05		
Radiator, finned wall 10' section	0981H00		19	1.04			20	1.35		
Gas compressor > 15 HP	0831140		20	1.03						
1 HP compressed air plumbing system	0831110				6	3.74				

Community Fire Station Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Aluminum siding exterior, 2nd floor	0415I20				7	3.17				
Sheetrock (unstippled) wall	0611300				8	2.98	24	1.04		
2-ton window A/C	0991220				9	2.41				
Aluminum siding exterior, 1st floor	0415I10				10	2.38				
Expansion chamber, CW	0813700				11	2.34				
Steel single roll-up door	0427100				15	1.85				
25 KBTU house furnace (gas)	0981C10				16	1.74				
Switchgear, indoor 0-600V	1115100				17	1.73				
1-ton window A/C	0991210				20	1.68	13	1.99		
Bituminous flooring	062D100				22	1.35				
Contactors and relays	1124000				24	1.25				
Safety switch, enclosed	1122100				26	1.11				
LPG storage tank, 1,000-gal	0931100				28	1.10				
1,200 CFM unit heater	09A1D20				29	1.04			14	1.73
100 KBTU house furnace (gas)	0981C20				31	1.02				
Ceramic tile wall	0612800				32	1.02				
Pipe insulation	0984140						7	3.26		

Community Fire Station Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
400 CFM unit heater	09A1D10						11	2.40		
Gas compressor > 1/2 HP	0831130						15	1.70		
Radiator, baseboard 10' section	0981G00						17	1.52		
Hot water heater, gas/oil 75 gal	0814E00						25	1.02	12	1.91
Concrete exterior, 1st floor	0415A10								3	5.27
Switchgear, indoor above 600V	1117200								5	3.72
Ceramic trimming (interior)	0561400								6	2.95
Pipe & fittings, waste & vent	0812100								10	2.04
Aluminum operable windows, 1st floor	0431110								13	1.75
Pipe & fittings, copper HW	0814200								18	1.18
Pipe & fittings, copper CW	0813200								19	1.12
Receptacle and plug	1127200								21	1.04

Chapel Center Facilities Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Carpet, floor	0629100	10.81	1	13.81	1	6.34	1	9.39	1	20.13
Shingles	0311350	5.61	3	5.56	3	4.58	4	5.33		
Built-up roofing	0311100	4.14	2	6.05	9	2.45	7	4.45	2	12.12
Concrete block (painted) wall	0612400	2.22	17	1.60	20	1.48	6	4.55	13	1.83
Vinyl asbestos tile flooring	062A200	2.14	18	1.51	12	2.22	11	2.77	9	3.44
Transformer, liquid filled above 600V	1114100	2.01			2	4.62			3	7.91
Hollow core (painted) wood interior door	0533110	1.99	4	4.36						
Solid core (painted) wood interior door	0533210	1.86			5	2.87	16	1.72	7	4.15
Exhaust fan, 10,000 CFM	09C1130	1.85					2	8.42		
Fluorescent lighting fixture	1131300	1.78	25	1.05	10	2.42	13	2.03	12	2.22
Chiller-air cool recip, 10-ton	0991450	1.75	6	4.09						
Thermostats/ pneumatics	09E1110	1.69	11	1.92	7	2.63				
Pipe insulation	0984140	1.68					3	7.11		
250 BTU boiler (oil)	0981310	1.68	16	1.77	4	3.01				
Carpeted interior wall	0614800	1.63	5	4.16						
Aluminum siding, 2nd floor	0415I20	1.57	13	1.87	8	2.58				

Chapel Center Facilities Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Aluminum siding, 1st floor	0415I10	1.54	9	2.17	13	2.10				
Wood louvered interior doors	0534230	1.39					5	4.62		
Distribution, gutters, pipe	0822100	1.36	12	1.88			18	1.45	14	1.77
Sheetrock (unstippled) wall	0611300	1.36	19	1.50	19	1.49	19	1.30		
Wood, finished (multi-coat) exterior, 1st floor	0415F10	1.34	7	3.42						
Wood finished ceiling	0635100	1.32	15	1.78	23	1.17				
Motor starter, 0-600V	1123600	1.32			14	2.09	20	1.27	11	2.99
2,000 BTU boiler (dual-fired)	0981410	1.24					9	3.71	4	6.65
2,000 BTU boiler (oil)	0981320	1.17			22	1.19	10	3.55		
Radiator, finned wall 10' section	0981H00	1.10					8	4.14		
Incandescent lighting fixture	1131100	1.09					14	1.80	16	1.52
Chiller-air cool recip. 5-ton	0991440	1.05			6	2.69				
10,000 CFM single-zone draw thru	09A1C20	1.05	8	2.38						
5 tons A/C DX packaged	0991110		10	2.12						
200 CFM 2-pipe fan coil unit	09A1910		14	1.82						

Chapel Center Facilities Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
20 tons chillers ACH recip.	0991410		20	1.45						
Plaster wall	0611100		21	1.36						
6,500 CFM single zone draw thru	09A1C10		22	1.30						
6,500 CFM multi-zone unit	09A1110		23	1.20						
Safety switch, enclosed	1122100		24	1.20						
Linoleum flooring	062A100		26	1.04						
1,200 CRM 2-pipe fan coil unit	09A1940				11	2.37				
25,000 CFM single-zone draw thru	09A1C30				15	1.91				
20 tons chillers WCH recip.	0991510				16	1.80				
100 tons chillers hermetic cent.	0991610				17	1.71				
Battery, secondary dry	1283400				18	1.67				
Single-zone draw thru 2,500 CFM	09A1C60				21	1.45				
25,000 CFM multi-zone unit	09A1130				24	1.13				
Sheetrock (unstippled) ceilling	0631300				25	1.10	15	1.75		
Damper controller-electrical	09E1210				26	1.01				

Chapel Center Facilities Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Wood frame (painted) fixed window, 2nd floor	0432320						12	2.17		
Exhaust fan 25,000 CFM	09C1140						17	1.71		
Gate valve, 3/8"-1 1/2"	0984210						21	1.13		
Aluminum operable windows, 1st floor	0431110						22	1.08		
Aluminum frame storm windows, 1st floor	0434110						23	1.03		
Concrete block (WP/P) exterior, 1st floor	0415910								5	5.67
Plaster ceiling	0631100								6	5.28
Radiator, baseboard 10' section	0981G00								8	3.69
Double pane wood frame operable window, 1st floor	0431810								10	3.35
Switchgear, indoor below 600V	1117100								15	1.63
Hot water heater, electric, 300-gal	0814I00								17	1.43
Hot water heater, gas/oil, 75-gal	0814E00								18	1.05
Drinking fountain	0811H00								19	1.04

Auditorium/Theatre Facility Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Built-up roofing	0311100	12.33			1	10.66	2	13.84	1	14.82
Battery, primary wet	1283100	4.45					1	17.41		
2,000 BTU boiler (oil)	0981320	4.12			3	4.87	3	5.41		
50 tons chillers WCH recip.	0991520	3.85			2	6.85				
Carpet, floor	0629100	3.46			4	4.66	6	3.30		
Accoustical interior wall tile	0619200	2.76			5	3.77	10	2.50		
2,000 BTU boiler (gas)	0981120	2.73					4	5.22	3	7.61
Shingles	0311350	2.34			9	2.78	8	3.03		
25,000 CFM single-zone draw thru	09A1C30	2.22			10	2.54			5	4.33
Concrete decking-porch	0441100	2.22			7	3.11	15	1.73		
Motor starter, 0-600V	1123600	2.18			8	2.82	16	1.19	18	1.61
Switchgear, indoor below 600V	1117100	2.09			15	2.04	14	1.85	12	2.58
Chiller-air cool recip. 10-ton	0991450	2.06			6	3.67				
6,500 CFM single-zone draw thru	09A1C10	1.89			11	2.23	19	1.14	16	1.88
Transformer, liquid filled above 600V	1114100	1.78			12	2.19			8	3.00
Concrete block (painted) wall	0612400	1.71			20	1.25	11	2.30	13	2.29

Auditorium/Theatre Facility Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Deaerator	0981A10	1.52							2	8.29
Plaster ceiling	0631100	1.48					7	3.21	7	3.60
Vinyl asbestos tile flooring	062A200	1.40					12	2.12	10	2.79
Duct heaters	1274000	1.34			18	1.72			15	2.06
Pipe insulation	0984140	1.31			17	1.91				
Thermostats/ pneumatics	09E1110	1.28			27	1.00			11	2.72
Sheetrock (unstippled) ceiling	0631300	1.25			13	2.13				
100 tons heat rej. system evaporative condenser	0991D20	1.17			14	2.09				
Wood louvers in frame, 1st floor	0433110	1.11							4	6.05
Aluminum siding, 2nd floor	0415I20	1.11			16	1.97				
Concrete exterior, 3rd+ floor	0415A30	1.08			21	1.24			14	2.09
50 tons chillers ACH recip.	0991420	1.02					5	4.01		
Incandescent lighting system	1131100	1.00					18	1.14	22	1.12
Aluminum siding, 1st floor	0415I10				19	1.41				
Sheetrock (unstippled) wall	0611300				22	1.18				
Ceramic tile wall	0612800				23	1.17				
Hollow core (painted) wood interior door	0531110				24	1.09	17	1.16		

Auditorium/Theatre Facility Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Simplex air compressor 1 HP	09E1310				25	1.07				
Maple floor	0625200				26	1.01	20	1.05		
10,000 CFM multi-zone unit	09A1120						9	2.63		
Stucco interior wall	0611400						13	2.11		
Battery, secondary dry	1283400						21	1.05		
Exhaust fan 25,000 CFM	09C1140								6	3.72
Hot water heater, gas/oil 1,000 GPH rec.	0814F00								9	2.84
Aluminum (plain & anodized) interior door	0531310								17	1.80
1 HP compressed air plumbing system	0831110								19	1.48
Wood parquetry flooring	0625100								20	1.27
Exhaust fan 1,000 CFM	09C1120								21	1.19
Circulation pump 5 HP	0984420								23	1.03
Emergency lighting fixture	1131500								24	1.03
Safety switch, enclosed	1122100								25	1.02

Bowling Center Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Built-up roofing	0311100	15.42	1	27.67					1	26.84
Metal roofing	0311360	5.91					1	34.50		
Wood parquetry flooring	0625100	4.48			4	7.11	2	8.36	2	8.18
Shingles	0311350	3.89			1	14.26				
Fluorescent lighting fixture	1131300	3.81	6	3.55	10	3.63	8	2.71	5	6.36
Carpet, floor	0629100	3.62	3	6.60			6	3.58		
6,500 CFM multi-zone unit	09A1110	3.31	2	7.89						
50 tons chillers WCH recip.	0991520	2.68	4	6.38						
Maple floor	0625200	2.67	5	6.36						
Vinyl asbestos tile flooring	062A200	2.62	10	1.95	9	3.64	10	1.98	8	3.44
Switchgear, indoor 600V	1117100	2.18	7	3.34			14	1.29	10	3.01
Acoustical tile (dropped) ceiling	0632200	2.12	9	2.60	14	1.62	12	1.86	12	1.98
Steel interior wall (painted)	0616300	2.10	12	1.70	6	5.10				
100 tons chillers ACH recip.	0991430	2.03			2	7.48				
50,000 CFM multi-zone unit	09A1140	2.03			3	7.46				
Deaerator	0981A10	1.42			5	5.23				
Battery, secondary dry	1283400	1.32	8	3.14						
2,000 BTU boiler (oil)	0981320	1.32			7	4.85				

Bowling Center Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Motor starter, 0-600V	1123600	1.24	14	1.38			20	1.07	11	2.96
Expansion chamber, CW	0813700	1.15			8	4.24				
Concrete block (painted) interior wall	0612400	1.12	11	1.71			22	1.01		
Aluminum siding, 1st floor	0415I10	1.09							3	7.94
20 tons A/C DX packaged	0991120	1.07							4	7.80
Dishwasher	0844110	1.06	17	1.20	17	1.26	15	1.27		
Thermostats/ pneumatics	09E1110	1.06	15	1.35	16	1.41				
Transformer, liquid-filled above 600V	1114100	1.05			12	1.93			7	3.85
50 tons heat rej. system air cooled cond.	0991B30		13	1.58						
Safety switch, enclosed	1122100		16	1.27			17	1.17		
Drinking founatin	0811H00		18	1.00					13	1.09
Pipe insulation	0984140				11	2.07				
Switchgear, main frame 1200A	1113100				13	1.87			14	1.05
400 CFM unit heater	09A1D10				15	1.62				
Expansion chamber, HW	0814700				18	1.23				

Bowling Center Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Lavatory, vitreous china	0811500				19	1.05				
Incandescent lighting fixture	1131100				20	1.05				
Steel (painted) exterior, 1st floor	0415L10						3	4.50		
200 KBTU house furnace (gas)	0981C30						4	3.82		
20 tons chillers ACH recip.	0991410						5	3.69		
6,500 CFM single-zone draw thru	09A1C10						7	3.47		
Chiller-air cool recip. 10-ton	0991450						9	2.71		
Battery, primary dry	1283200						11	1.97		
Steel (painted) exterior, 2nd floor	0415L20						13	1.78		
Ceramic tile interior wall	0612800						16	1.23		
Hollow core (painted) wood interior door	0533110						18	1.15		
Exhaust fan 10,000 CFM	09C1130						19	1.12	6	5.84
Hot water heater, electric 120 gal	0814H00						21	1.01		
Sheetrock (stippled) wall	0611200								9	3.25
100 KBTU house furnace (gas)	0981C20								13	1.06

Child Support Center Cost by Component										
Component Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Metal roofing	0311360	15.92	1	24.11						
Carpet, floor	0629100	5.87	7	3.65			4	5.48	2	11.90
Shingles	0311350	4.96	12	1.71			2	7.79	1	12.52
Hollow core (painted) wood interior door	0533110	3.60	2	5.46						
Linoleum flooring	062A100	3.09	3	4.68						
Sheetrock (unstippled) wall	0611300	2.95	6	3.96			8	3.75		
Chiler-air cool recip. 10-ton	0991450	2.93	4	4.43						
Battery, secondary dry	1283400	2.83	5	4.28						
Wood, finished (multi-coat) exterior, 1st floor	0415F10	2.64	10	1.86					6	5.67
Solid core (painted) wood interior door	0533210	2.53	22	1.10			5	4.34	5	5.68
Expansion chamber, C.W.	0813700	2.02							3	8.09
Fluorescent lighting fixture	1131300	2.00	23	1.09			7	4.08	9	3.64
Smoke detector	1221200	1.85	14	1.57			13	2.20	14	2.45
Roll roofing	0311340	1.68	8	2.55						
Sheetrock (stippled) wall	0611200	1.51							4	6.06
Vinyl asbestos tile flooring	062A200	1.48					15	1.64	8	3.66
2,000 BTU boiler (oil)	0981320	1.43					1	15.70		

Child Support Center Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Hot water heater, electric, 120-gal	0814H00	1.39	9	2.10						
Pipe insulation	0984140	1.33					3	7.56		
Incandescent lighting fixture	1131100	1.26	11	1.74						
Distribution, gutters, pipe	0822100	1.13	18	1.31						
Single-zone draw thru 2,500 CFM	09A1C60	1.11	13	1.69						
Tankless water closet	0811100	1.06							17	1.60
Drinking fountain	0811H00	1.06	15	1.48						
Plaster ceiling	0631100	1.05							7	4.23
Thermostats/ pneumatics	09E1110	1.05					6	4.14		
Wood frame (painted) operable window, 1st floor	0431310		16	1.38						
Motor starter, 0-600V	1123600		17	1.36						
Carpeted interior wall	0614800		19	1.28						
Wainscot interior wall	0615900		20	1.16						
Formica interior wall	0614100		21	1.11						
Pipe & fittings, waste & vent	0812100		24	1.03						
Wood parquetry flooring	0625100						9	3.24		

Child Support Center Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Steam trap, F & T < 1"	0984370						10	3.16		
400 CFM unit heater	09A1D10						11	3.07		
Sheetrock (unstippled) ceiling	0631300						12	3.00		
1,200 CFM unit heater	09A1D20						14	1.66		
Aluminum frame storm windows, 1st floor	0434110						16	1.63		
Solid core (safety glass) painted wood exterior door	0423230						17	1.30		
Lavatory, vitreous china	0811500						18	1.28	22	1.16
Switchgear, indoor below 600V	1117100						19	1.24	16	1.77
Vinyl interior wall	0614400						20	1.07		
Aluminum frame screen cover, 1st floor	0434610						21	1.04		
Formica-vinyl exterior, 1st floor	0415O10						22	1.01		
Expansion chamber, H.W.	0814700								10	3.00
Cast iron radiator 10' section	0943100								11	2.85
Steam regulation valve-2"	0941300								12	2.59

Child Support Center Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Solid core (painted) wood exterior door	0423210								13	2.51
Hot water heater, gas/oil, 75-gal	0814E00								15	2.44
Air separator	09843A0								18	1.43
Brass exterior door closer	0473100								19	1.27
Brass interior lockset	0582100								20	1.21
Open head sprinkler head	0844110								21	1.20
Brass interior door closer	0583100								23	1.16
Sink, stainless steel	0811F00								24	1.16

Commissary Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Roll roofing	0311340	20.84	4	5.28			1	38.69		
Generator, gasoline powered	1281100	8.05	2	17.24			3	7.98		
Chiller-water cool recip. 10-ton	0991540	5.55	1	23.88						
Wood finished ceiling	0635100	5.42					2	10.69		
Built-up roofing	0311100	4.92	5	4.10	1	15.22				
Fluorescent lighting fixture	1131300	3.27			5	4.42	6	3.86		
Concrete, finished flooring	062B200	3.12	17	1.13			4	5.65		
Chiller-air cool recip. 5-ton	0991440	2.99	8	2.42	3	9.29				
Steel louvers with frame, 1st floor	0433310	2.43			2	9.31				
Single-zone draw thru 1,000 CFM	09A1C50	.234	3	10.88						
6,500 CFM single-zone draw thru	09A1C10	2.17					5	3.90		
Vinyl asbestos tile flooring	062A200	1.91	7	3.16	4	4.50				
Motor starter, 0-600V	1123600	1.68			6	4.35				
Steel interior wall (painted)	0616300	1.60					7	3.15		
Open head sprinkler head	0844110	1.50					8	2.29		
Switchgear, indoor below 600V	1117100	1.35	12	1.52	16	1.52	14	1.18		

Commissary Cost by Component										
Component Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Concrete decking-porch	0441100	1.07					10	1.82		
1,200 CFM unit heater	09A1D20	1.07	19	1.02			12	1.36		
Thermostats/ pneumatics	09E1110	1.05			17	1.40	15	1.13		
Safety switch, enclosed	1122100	1.04						13	1.34	
2,000 BTU boiler (gas)	0981120		6	3.22						
25,000 CFM single-zone draw thru	09A1C30		9	1.90						
250W HID mercury vapor fixture	1131410		10	1.89						
20 tons chillers ACH recip.	0991410		11	1.76						
100 tons heat rej. system cooling tower	0991C20		13	1.44						
Metal ceiling (painted)	0636100		14	1.34	14	1.88				
Concrete, finished interior wall	061A200		15	1.26						
Chiller-air cool recip. 10-ton	0991450		16	1.26	9	2.31				
Pipe insulation	0984140		18	1.13	20	1.31				
25,000 CFM multi-zone unit	09A1130				7	2.93				
Battery, secondary dry	1283400				8	2.78				

Commissary Cost by Component										
Component Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
50 tons chillers WCH recip.	0991520				10	2.30				
Safety switch, fused 3P	1122430				11	2.12				
Damper controller-electrical	09E1210				12	2.02				
250 BTU boiler (oil)	0981310				13	1.95				
Feedwater supply	0981910				15	1.72				
1 HP simplex air compressor	09E1310				18	1.34				
6,500 CFM multi-zone unti	09A1110				19	1.34				
Transformer, liquid-filled above 600V	1114100				21	1.23				
Switchgear, main frame 1200A	1131100				22	1.05				
Steel flooring	0626100						9	1.94		
Exhaust fan 10,000 CFM	09C1130						11	1.78		
Clay brick interior wall	0612500						16	1.04		

Art & Crafts Center Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Built-up roofing	0311100	14.65	2	11.15	1	16.75	1	17.56		
Metal roofing	0311360	4.94	1	11.82	22	1.15				
Concrete block (painted) interior wall	0612400	4.25	8	3.71	9	3.69	6	5.65		
250 BTU boiler (gas)	0981110	4.03			6	4.42	2	8.98		
Vinyl asbestos tile flooring	062A200	3.53	14	1.66	8	3.99	7	5.59		
100 tons chillers ACH recip	0991430	3.47	3	8.93						
Fluorescent lighting fixture	1131300	3.36	7	4.44	4	5.43				
6,500 CFM multi-zone unit	09A1110	2.90	13	2.51			5	6.41		
Switchgear, indoor below 600V	1117100	2.88	12	2.73	12	2.42	9	3.63		
Deaerator	0981A10	2.51			2	8.32				
Battery, secondary dry	1283400	2.42	16	1.50	15	1.55	8	4.55		
20 tons chillers ACH recip	0991410	2.38					3	7.95		
2,000 BTU boiler (dual-fired)	0981410	2.35	4	6.04						
250W HID mercury vapor fixture	1131410	2.24	5	5.75						
Metal ceiling (painted)	0636100	2.23					4	6.41		
25,000 CFM multi-zone unit	09A1130	2.17	6	5.58						

Art & Crafts Center Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Solid core (painted) wood interior door	0533210	2.15	10	3.14			11	3.08		
6,500 CFM single-zone draw thru	09A1C10	2.10	17	1.37	5	5.20				
50 tons chillers ACH recip	0991420	2.02			3	6.70				
Exhaust fan 1,000 CFM	09C1120	1.63	9	3.30	21	1.17				
Motor starter, 0-600V	1123600	1.55			10	3.35				
Drinking fountain	0811H00	1.40	18	1.27	17	1.28	13	1.74		
Feedwater supply	0981910	1.30			7	4.33				
Incandescent lighting fixture	1131100	1.29					10	3.17	5	5.08
Concrete exterior, 2nd floor	0415A20	1.12	11	2.89						
Transformer, dry below 15,000V	1116200	1.07	15	1.61	16	1.46				
Pipe insulation	0984140	1.04					12	2.51		
Concrete, unfinished flooring	062B100		18	1.26						
Acoustical tile (dropped) ceiling	0632200		19	1.17	18	1.26				
Simplex air-compressor, 1 HP	09E1310		20	1.16						
Transformer, liquid-filled, above 600V	1114100				11	3.08				
Ceramic trimming, interior	0561400				13	2.04				

Art & Crafts Center Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Safety switch, fused 3P	1122430				14	1.63				
Steel (painted) interior door	0531110				19	1.20				
Safety switch, enclosed	1122100				20	1.18	15	1.18		
Synthetic veneer-plaster exterior, 2nd floor	0415R20				23	1.02				
Hot water heater, electric, 120-gal	0814H00				24	1.01				
Sink, stainless steel	0811F00				25	1.00	16	1.07		
Hot water heater, gas/oil, 75-gal	0814E00						14	1.30		
Thermostats/ pneumatics	09E1110						17	1.02		
Wood, finished (multi-coat) exterior, 1st floor	0415F10								1	34.26
Shingled	0311350								2	19.43
Board (finished) interior wall	0615700								3	15.11
Wood, unfinished ceiling	0635200								4	11.58

Continuing Education Facility Cost By Component										
Component Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Shingles	0311350	10.91					3	5.67	1	19.86
Wood unfinished ceiling	0635200	6.64			12	1.79			2	13.54
1,200 CFM unit heater	09A1D20	5.62							3	12.04
Fluorescent lighting fixture	1131300	5.36			3	7.84	10	2.25	6	5.96
2,000 BTU boiler (oil)	0981320	4.96					1	17.09		
Solid core (painted) wood ext. door	0423210	4.06							4	8.80
Built-up roofing	0311100	3.51			1	13.93				
250 BTU boiler (oil)	0981310	3.18					2	10.93		
1 H.P.compressed air plumbing system	0831110	2.95							5	6.19
Vinyl asbestos tile flooring	062A200	2.80			5	5.38	4	4.95		
Metal roofing	0311360	2.67			2	10.61				
Thermostats/ pneumatics	0?E1110	2.29			9	2.54			10	3.03
6,500 CFM single-zone draw thru	09A1C10	1.88			4	7.47				
Concrete, unfinished flooring	062B100	1.72							7	3.66
Motor starter, 0-600V	1123600	1.63			18	1.21			12	2.89
Wainscot interior wall	0615900	1.54							8	3.36

Continuing Education Facility Cost By Component										
Component Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Sheetrock (unstippled) wall	0611300	1.50			15	1.37	6	3.96		
Sheetrock (stippled) wall	0611200	1.49							9	3.26
Radiator, baseboard 10' section	0981G00	1.37					5	4.73		
Wood frame (painted) fixed window, 1st floor	0432310	1.35							11	
Transformer, liquid-filled below 600V	1116100	1.29							13	2.82
Hollow core (painted) wood interior door	0533110	1.26								
Distribution, gutters, pipe	0822100	1.20								
10,000 BTU boiler (oil)	0981330	1.00			6	3.98				
Concrete block (painted) interior wall	0612400				7	3.11				
2,000 BTU boiler (dual-fired)	0981410				8	2.59				
Solid core (painted) wood interior door	0533210				10	2.19	20	1.22		
Safety switch, fused 1 P	1122410				11	1.92				
Switchgear, indoor below 600V	1117100				13	1.63	19	1.27		

Continuing Education Facility Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
4,000 CFM unit heater	09A1D30				14	1.47				
Concrete, finished flooring	062B200				16	1.35				
600 CFM 2-pipe fan coil unit	09A1930				17	1.33				
Aluminum siding, 1st floor	0415I10				19	1.08				
Timber (unfinished) interior wall	0615400				20	1.03				
Wood frame (painted) operable window, 2nd floor	0431320						7	2.77		
Aluminum frame storm windows, 2nd floor	0434120						8	2.66		
Formica interior wall	0614100						9	2.49		
Pipe insulation	0984140						11	2.19		
Aluminum frame screen cover, 2nd floor	0434620						12	1.78		
Wood trimming, interior	0561100						13	1.78		
Sheetrock (unstippled) ceiling	0631300						14	1.66		
Solid core (safety glass) painted wood interior door	0533230						15	1.52		
Formica-vinyl exterior, 2nd floor	0415O20						16	1.49		

Continuing Education Facility Cost By Component										
Component Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Lavatory, iron, enamel	0811400						17	1.48		
Aluminum frame storm windows, 1st floor	0434110						18	1.45		
Solid core (safety glass) painted wood exterior drive	0423230						21	1.20		
Aluminum frame screen cover, 1st floor	0434610						22	1.11		
Floor drain, without bucket	0812200						23	1.08		
Drinking fountain	0811H00						24	1.08		
Wood frame (painted) operable window, 1st floor	0431310						25	1.06		
Carpet, floor	0629100						26	1.01		

Physical Fitness Center Cost by Component										
Component Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Steel flooring	0626100	17.02	1	36.58						
Built-up roofing	0311100	11.20	2	10.55	1	16.54	3	6.18	1	11.04
Metal ceiling (painted)	0636100	2.99	4	2.39	3	4.94	4	5.57		
Roll roofing	0311340	2.96					2	6.58	2	10.58
Ceramic tile interior wall	0612800	2.92	3	3.47	6	3.82			10	2.16
Concrete block (painted) interior wall	0612400	2.51	8	1.41	2	6.98	20	1.36	16	1.39
Wood finished ceiling	0635100	1.79			9	2.14	12	1.78	4	5.73
10,000 CFM single-zone draw thru	09A1C20	1.49	14	1.16	4	4.75				
Fluorescent lighting fixture	1131300	1.46	9	1.39	10	1.87	11	1.80		
Shingles	0311350	1.41							5	4.14
Shower, terrazo	0811900	1.35							3	5.87
Exhaust fan, 25,000 CFM	09C1140	1.31	6	1.65			16	1.48	24	1.14
Exhaust fan, 10,000 CFM	09C1130	1.26	5	1.70					11	1.97
Metal roofing	0311360	1.23					1	8.30		
Maple flooring	0625200	1.18			5	3.91	17	1.43		
2,000 BTU boiler (dual-fired)	0981410	1.15			8	2.34	13	1.61		
Switchgear, indoor below 600V	1117100	1.07	13	1.19	18	1.16	21	1.11		

Physical Fitness Center Cost by Component										
Component Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Wood parquetry flooring	0625100	1.06	10	1.34	17	1.17	18	1.40		
Rubber tile flooring	062A300			7	1.56					
H.P. 250W sodium fixture	1131610		11	1.29			22	1.09		
250W HID metal halide fixture	1131420		12	1.20			19	1.38		
Concrete, finished interior wall	061A200		15	1.10						
25,000 CFM single-zone draw thru	09A1C30				7	2.97				
Steel (painted) exterior, 2nd floor	0415L20				11	1.74				
Battery, secondary wet	1283300				12	1.64				
Pipe insulation	0984140				13	1.43	7	3.03		
Carpet, floor	0629100				14	1.37	9	2.06		
Motor starter, 0-600V	1123600				15	1.23			17	1.38
Deaerator	0981A10				16	1.21				
Aluminum siding, 2nd floor	0415I20				19	1.09				
Solid core (painted) wood interior door	0533210				20	1.07				
Incandescent lighting fixture	1131100				21	1.06				
Damper controller-electrical	09E1210				22	1.06				

Physical Fitness Center Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Panel (solid) wood interior wall	0615500				23	1.05				
Aluminum siding, 1st floor	0415I10				24	1.00				
Fiberglass rigid, steep roof	0311370						5	4.80		
Battery, primary wet	1283100						6	3.29		
6,500 CFM single-zone draw thru	09A1C10						8	2.39		
Aluminum louvers in frame, 1st floor	0433210						10	1.94		
2,000 BTU boiler (oil)	0981320						14	1.54		
2,000 BTU boiler (gas)	0981120						15	1.48	8	3.31
Steel louvers in frame, 1st floor	0433310								6	3.73
Wood, finished (multi-coat) exterior, 1st floor	0415F10								7	3.59
Wood frame (painted) fixed window, 2nd floor	0432320								9	2.66
6,500 CFM multi-zone unit	09A1110								12	1.90
Ceramic tile flooring	0622100								13	1.53
Concrete decking-porch	0441100								14	1.41
Board (finished) interior wall	0615700								15	1.41

Physical Fitness Center Cost by Component										
Component Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Aluminum sliding (pl & an) exterior door	0421130								18	1.36
Wood louvers in frame, 1st floor	0433110								19	1.33
4,000 CFM unit heater	09A1D30								20	1.32
250 BTU boiler (gas)	0981110								21	1.28
Hot water heater, gas/oil, 1,000 GPH recovery	0814F0C								22	1.28
Concrete block (WP/P) exterior wall, 1st floor	0415910								23	1.16
250W HID mercury vapor fixture	1131410								25	1.04

Transient Housing Facilities Cost by Component										
Component Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Carpet, floor	0629100	8.57	1	12.70	9	3.20	7	4.39	2	11.25
Battery, secondary wet	1283300	7.65			1	20.54	2	8.53		
Sheetrock (unstippled) ceiling	0631300	5.44	2	8.65	12	2.00	10	3.13		
Shingles	0311350	4.21	14	1.77	2	6.54	4	5.40	3	10.82
Built-up roofing	0311100	3.30	3	6.53						
Sheetrock (unstippled) wall	0611300	3.19	11	2.21	4	3.95	3	6.37		
Hollow core (painted) wood interior door	0533110	3.09	6	3.96	19	1.14	5	4.69	8	2.98
400 CFM 2-pipe fan coil unit	09A1920	2.61	4	5.14						
Solid core (painted) wood interior door	0533210	2.28			8	3.51	8	4.17	6	4.86
Transformer, liquid-filled above 600V	1114100	2.18	5	4.31						
Deaerator	0981A10	1.73	22	1.17	6	3.53				
2,000 BTU boiler (dual-fired)	0981410	1.71	7	3.38						
Thermostats/ pneumatics	09E1110	1.62	10	2.58					10	2.82
Vinyl asbestos tile flooring	062A200	1.61			10	2.90	6	4.42		
Ceramic tile interior wall	0612800	1.47	8	2.70						
250 BTU boiler (oil)	0981310	1.44			3	4.45				

Transient Housing Facilities Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
100 KBTU house furnace (gas)	0981C20	1.39	26	1.02					1	13.27
1-ton window A/C	0991210	1.38			7	3.52				
50 tons chillers ACH recip.	0991420	1.33	9	2.62						
Lavatory, iron, enamel	0811400	1.32	19	1.46	18	1.16	17	1.74		
Radiator, finned wall 10' section	0981H00	1.18			5	3.61				
2,000 BTU boiler (gas)	0981120	1.10					1	9.32		
Receptacle and plug	1127200	1.08	24	1.07	15	1.22				
Hot water heater, electric, 120-gal	0814H00	1.05	13	1.79						
Incandescent lighting fixture	1131100	1.02	23	1.14			23	1.15	20	1.14
Valve, drain CW	0813600		12	1.91						
Bathtub, cast iron	0811700		15	1.58						
Bathtub, plast c	0811J00		16	1.57						
50 tons chillers WCH recip.	0991520		17	1.48						
Valve, drain HW	0814600		18	1.48						
Solid core (painted) wood exterior door	0423210		20	1.44					12	2.09
Switchgear, indoor below 600V	1117100		21	1.37						
20 tons chillers WCH recip.	0991510		25	1.02						

Transient Housing Facilities Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Aluminum siding, 1st floor	0415I10				11	2.20				
Aluminum siding, 2nd floor	0415I20				13	1.94				
Pipe insulation	0984140				14	1.74	13	2.60		
Fluorescent lighting fixture	1131300				16	1.21				
Switchgear, indoor, 0-600V	1115100				17	1.17				
Heat detector	1221500				20	1.02	19	1.52		
Hot water heater, gas/oil, 75-gal	0814E00				21	1.02	22	1.20		
250 BTU boiler (gas)	0981110				22	1.00	12	2.77		
Wood frame (painted) operable window, 2nd floor	0431320						9	4.03		
Wood trimming, interior	0561100						11	2.81		
Shower, plastic	0811B00						14	2.45		
Radiator, cast iron, 10' section	0981F00						15	2.19		
Battery, secondary dry	1283400						16	1.81		
Tankless water closet	0811100						18	1.56		
Formica-vinyl exterior, 2nd floor	0415O20						20	1.51		
Wood frame (painted) operable window, 1st floor	0431310						21	1.32	9	2.82

Transient Housing Facilities Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Wood, finished (multi-coat) exterior, 1st floor	0415F10								4	8.26
Hot water heater, gas/oil, 30-gal	0814D00								5	5.97
Sheetrock (stippled) wall	0611200								7	4.02
Aluminum frame screen cover, 1st floor	0434610								11	2.42
Hot water heater, gas/oil, 1000 GPH recovery	0811F00								13	1.88
Board (finished) interior wall	0615700								14	1.86
Exhaust fan, 200 CFM	09C1110								15	1.85
Linoleum flooring	062A100								16	1.57
Pipe fittings, steel/iron (gas)	0912100								17	1.54
Wood louvers in frame, 1st floor	0433110								18	1.47
Pipe and fittings, waste and vent	0812100								19	1.22
Wood decking - porch	0441200								21	1.06
Lavatory, vitreous china	0811500								22	1.00

Consolidated Open Dining Facility Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Built-up roofing	0311100	10.32	2	6.72	2	10.12			1	25.78
Carpet floor	0629100	8.68	1	11.34	3	7.91				
Battery, secondary wet	1283300	7.63			1	20.97				
Fluorescent lighting fixture	1131300	2.73	4	3.64					5	4.25
6,500 CFM single-zone draw thru	09A1C10	2.20	7	3.16	16	1.59				
Hollow core (painted) wood interior door	0533110	2.17	6	3.32					12	3.06
Chiller-air cool recip 10 tons	0991450	2.14	3	4.18						
Switchgear, indoor below 600V	1117100	1.85	10	2.47	15	1.61				
250 BTU boiler (oil)	0981310	1.84	5	3.59						
2,000 BTU boiler (oil)	0981320	1.81	22	1.15	5	3.37				
100 tons chillers ACH recip.	0991430	1.75			4	4.80				
Ceramic tile interior wall	0612800	1.61	12	2.46						
Shingles	0311350	1.56	8	3.04						
100 tons chillers WCH recip.	0991530	1.51	17	1.44	9	2.10				
Vinyl asbestos tile flooring	062A200	1.42	15	1.66					14	2.87
Stucco exterior, 1st floor	0415C10	1.42	9	2.77						

Consolidated Open Dining Facility Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Motor starter, 0-600V	1123600	1.37			7	2.14			15	1.97
Deaerator	0981A10	1.34			12	1.81			2	5.47
Stucco exterior, 2nd floor	0415C20	1.26	11	2.47						
50 tons chillers WCH recip.	0991520	1.25	13	2.43						
Concrete block (painted) interior wall	0612400	1.24	20	1.19					8	3.59
Thermostats/ pneumatics	09E1110	1.24	16	1.60						
Solid core (painted) wood interior door	0533210	1.14			10	2.08				
Incandescent lighting fixture	1131100	1.11			14	1.69			16	1.91
Vinyl interior wall	0614400	1.09			6	3.00				
10,000 BTU boiler (gas)	0981130	1.09	14	2.13						
6,500 CFM multi-zone unit	09A1110	1.03			8	2.14				
Stucco interior wall	0611400		18	1.28						
Simplex air compressor 1 HP	09E1310		19	1.20						
Hot water heater, electric, 120-gal	0814H00		21	1.16						
2,000 BTU boiler (gas)	0981120		23	1.12						

Consolidated Open Dining Facility Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Chiller-air cool recip, 5-ton	0991440		24	1.10						
Sheetrock (unstippled) wall	0611300		25	1.04						
Tile roofing	0311330		26	1.01						
2,500 CFM multi-zone unit	09A1150		27	1.01						
Vinyl sheet flooring	062A400				11	1.98				
Damper controller-electrical	09E1210				13	1.69				
2,000 BTU boiler (dual-fired)	0981410								3	5.40
Switchgear, indoor above 600V	1117200								4	4.87
Expansion chamber, C.W.	0813700								6	4.13
Exhaust fan, 25,000 CFM	09C1140								7	3.87
Wood parquetry flooring	0625100								9	3.33
Wood louvers in frame, 1st floor	0433110								10	3.28
Concrete decking-porch	0441100								11	3.07
Quarry tile flooring	0622200								13	3.01
Exhaust fan, 50,000 CFM	09C1150								17	1.56

Consolidated Open Dining Facility Cost By Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Transformer, liquid-filled below 600V	1116100								18	1.37
Concrete block (WP/P) exterior, 1st floor	0415910								19	1.24
Concrete exterior, 1st floor	0415A10								20	1.24
Hot water heater, electric, 300-gal	0814I10								21	1.16
Distribution, gutters, pipe	0822100								22	1.03

Community Retail Store
Cost by Component

Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Carpet, floor	0629100	8.62	2	5.94	7	2.84	3	6.43	1	18.62
Built-up roofing	0311100	7.69	1	9.57	1	10.11	1	11.12	11	2.34
Fluorescent lighting fixture	1131300	6.26	4	5.00	2	6.71	4	5.73	3	7.13
Shingles	0311350	5.45	5	4.12	12	1.71	2	6.44	2	10.94
20 tons chillers ACH recip.	0991410	3.98	3	5.60	3	6.16	7	2.81		
Vinyl asbestos tile flooring	062A200	3.63	7	2.88	5	3.85	5	5.55	9	3.43
Metal roofing	0311360	2.95			4	5.31			5	5.05
Switchgear, indoor below 600V	1117100	2.84	8	2.84	11	1.74	13	1.88	6	4.33
Wood, finished (multi-coat) exterior 1st floor	0415F10	2.32	13	1.95					4	6.03
6,500 CFM multi-coat unit	09A1110	1.44	10	2.15			16	1.54	20	1.11
Sheetrock (stippled) wall	0611200	1.38							7	4.31
Sheetrock (unstippled) wall	0611300	1.20	23	1.12	9	2.00	10	2.17		
Heat pump 10 tons	09A1E20	1.19			6	3.73				
20 ton chillers WCH recip.	0991510	1.18	6	3.19						
Solid core (painted) wood interior door	0533210	1.13					14	1.82	12	2.16
Safety switch, enclosed	1122100	1.10	21	1.15	16	1.19			19	1.12

Community Retail Store
Cost by Component

Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Hollow core (painted) wood interior door	0533110	1.05	9	2.44						
Motor starter, 0-600V	1123600	1.05							10	2.62
Battery, secondary dry	1283400	1.04	14	1.88			11	2.17		
6,500 CFM single-zone draw thru	09A1C10	1.02	22	1.13	10	1.97				
Sheetrock (stippled) ceiling	0631200	1.00							8	3.56
10,000 CFM single-zone draw thru	09A1C20		11	2.07						
10,000 BTU boiler (gas)	0981130		12	2.06	20	1.02				
50 tons chillers ACH recip.	0991420		15	1.76						
Chiller-air cool recip. 10 ton	0991450		16	1.59						
300 tons chillers hermetic cent.	0991620		17	1.47						
200 KBTU house furnace (oil)	0981D30		18	1.40						
1-ton window A/C	0991210		19	1.30						
Thermostats/ pneumatics	09E1110		20	1.19	18	1.07				
Single-zone draw thru 1,000 CFM	09A1C50		24	1.01						
Chiller-air cool recip. 5 ton	0991440				8	2.39				

Community Retail Store
Cost by Component

Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
2,000 BTU boiler (oil)	0981320				13	1.68				
Metal ceiling (painted)	0636100				14	1.53				
Concrete decking-porch	0441100				15	1.21				
Safety switch fused, 3P	1122430				17	1.10				
Fire alarm control panel	1221600				19	1.05				
2,000 BTU boiler (gas)	0981120						6	3.63		
Metal walk-in interior cooler door	0534320						8	2.80		
Battery, primary dry	1283200						9	2.27		
250 BTU boiler (gas)	0981110						12	2.16		
Sheetrock (unstippled) ceiling	0631300						15	1.78		
Ceramic tile wall	0612800						17	1.42	17	1.25
Exhaust fan 10,000 CFM	09C1130						18	1.33		
Steel flooring	0626100						19	1.29		
Quarry tile flooring	0622200						20	1.26		
Concrete block (WP/P) exterior, 1st floor	0415910						21	1.16		

Community Retail Store Cost by Component										
Component Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Pipe insulation	0984140						22	1.15		
Distribution, gutters, pipe	0822100								13	1.76
Wood frame (painted) operable window, 1st floor	0431310								14	1.48
100 KBTU house furnace (gas)	0981C20								15	1.41
Wood louver in frame, 1st floor	0433110								16	1.29
Vinyl interior wall	0614400								18	1.23
Circuit breaker, fixed, 0-599V	1122330								21	1.03

APPENDIX M:

PERCENTAGE OF MAINTENANCE COST BY HIGH COST TASKS FOR ALL BUILDINGS

ORDERED YEARLY SUMMARY TASK REPORT

INSTALLATION: USA 10-01-90 13:22:39

F4C CODE : 0000000

120 YEARS SUMMARY

CACES ID	TASK DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0000000	TOTAL DOLLAR AMOUNT FOR YEARS	6780304000.	
0611304	REFINISH SHEETROCK(UNSTPLD)WAL	244623500.	3.61
062A202	REPLACE VINYL ASBESTOS TILE FL	164918900.	2.43
0629102	REPLACE CARPET	119529300.	1.76
0533112	REPAIR HOLLOW CORE PAINTED INT	118746400.	1.75
0991442	PREVENT MAINT CHILLER-AIR COOL	114455600.	1.69
1117103	REPLACE SWITCHGEAR, INDOOR, BE	113147700.	1.67
0631304	REFINISH SHEETROCK(UNSTIPPLED)	93145340.	1.37
0311107	MEMBRANE REMOVAL & REPLACEMT.B	89071320.	1.31
09E1111	PREVENTIVE MAINTENANCE	88673480.	1.31
1131303	REPLACE FLUORESCENT LIGHTING F	87981810.	1.30
0814H03	REPLACE HOT WATER HEATER ELEC	85011520.	1.25
0311357	REMOVAL AND REPLACEMENT OF SHI	81867270.	1.21
0612404	REFINISH CONCRETE BLOCK(PAINTD	78968640.	1.16
0311367	TOTAL METAL PANEL REPLACEMENT-	77569750.	1.14
0311106	PLACE NEW MEMBRANE OVER EXSTG.	71341270.	1.05
0311101	DEBRIS REMOVAL-HAND & VIS.INSP	71218?60.	1.05
0311353	MINOR REPAIRS - SHINGLED ROOF	69701060.	1.03
0611104	REFINISH PLASTER WALL FINISH	68250170.	1.01
0612805	REPLACE TILE WALL FINISHS	63785100.	.94
0841102	REPLACE UNIT - DISHWASHER	59950200.	.88
0311356	REPLACE NEW OVER EXISTING-SHIN	58758240.	.87
0981C22	PREV MAINT - GAS HOUSE FURNACE	57116090.	.84
09C1133	REPLACE EXHAUST FAN 10000 CFM	52681300.	.78
0625203	REPLACE MAPLE FLOOR	51508950.	.76
09C1132	PREVENTIVE MAINT. EXHAUST FAN	48679790.	.72
0533115	REPLACE HOLLOW CORE PNTD.INTER	48492320.	.72
0311105	FLASHING REPAIRS - BUILTUP ROO	47694130.	.70
0311103	MINOR MEMBRANE REPAIRS - BUILT	46628880.	.69
0991443	REPLACE CHILLER-CHILLER-AIR CO	46482400.	.69
0311355	FLASHING REPAIRS - SHINGLED RO	45706930.	.67
1127202	REPLACE RECEPTACLE AND PLUG	44815640.	.66
0631104	REFINISH PLASTER CEILING FINIS	44518730.	.66
0822102	REPLACE PIPE OR GUTTER	44315110.	.65
0635205	REPLACE WOOD(UNFINISHED)CEILIN	43665100.	.64
0611204	REFINISH SHEETROCK(STIPPLED)WA	42664000.	.63
0981C23	REPLACE GAS HOUSE FURNACE 100	42345310.	.62
0812103	REPLACE PIPE & FITTINGS	40183930.	.59
0625103	REPLACE WOOD PARQUETRY FLOOR	39895190.	.59
0636104	REFINISH ALUMINIUM PANEL CEILI	39274300.	.58
0984142	REPLACE BROKEN PIPE INSULATION	38937360.	.57
1131301	MAINT & REPAIR FLUORESCENT LIG	38090110.	.56
0415F14	REFN. WOOD FIN.(MULT.COAT) EXT	37457840.	.55
0814E03	REPLACE HOT WATER HEATER, GAS/	37268210.	.55
062A102	REPLACE LINOLEUM FLOOR	37008080.	.55
0533212	REPAIR SOLID CORE WOOD PAINT.	36686800.	.54
09E1112	REPLACE PNEUMATIC THERMOSTAT	35727860.	.53
1131103	REPLACE INCANDESCENT LIGHTING	35243140.	.52
0533114	REFINISH HOLLOW CORE PAINTED I	34716980.	.51
1127201	MAINT & REPAIR RECEPTACLE AND	34083720.	.50
062A402	REPLACE VINYL SHEET FLOORING	33965530.	.50
0991441	REPR HERMET CHILL-CHILL AIR CO	31676820.	.47
1127102	REPLACE WIRING DEVICE, SWITCH	31149510.	.46
0814E02	CLEAN &SERVICE HOT WATER HTR,G	30834020.	.45
0415C14	REFINISH STUCCO EXT. WALL 1ST	30326070.	.45
0426112	REPAIR ALUMINIUM (P/A) EXTERIO	29633050.	.44
1115103	REPLACE SWITCHGEAR, INDOOR, O-	29384390.	.43
1127101	MAINT & REPAIR WIRING DEVICE,	27836300.	.41

0311351	DEBRIS REMOV.BY HAND & VIS.INS	27806430.	.41
0841101	GENERAL MAINTENANCE & REPAIR-D	27354620.	.40
0415114	REFINISH ALUMINUM SIDING EXT.F	26748470.	.39
1122102	PREV MAINT & INSP SAFETY SWITC	26145100.	.39
0625202	SAND AND REFINISH MAPLE FLOOR	25973200.	.38
061630[illegible]	REFINISH STEEL INT.FINISH(PNTD	25628290.	.38
0631204	REFINISH SHEETROCK(STIPPLED)CE	25298680.	.37
1131101	MAINT &REPAIR INCANDESCENT LIG	24752150.	.37
0611302	REPAIR SHEETROCK(UNSTIPPLED)WA	24341820.	.36
1283401	PREV MAINT BATTERY SECONDARY D	23478560.	.35
0981C21	REPAIR GAS HOUSE FURNACE - 100	23232160.	.34
1122331	MAINT &REPAIR CIRCT BREAKER,FI	23205440.	.34
0811H07	REPLACE FOUNTAIN	22158890.	.33
0533215	REPLACE SOLID CORE PAINT.INTER	21129080.	.31
0981D23	REPLACE OIL HOUSE FURNACE - 10	20709260.	.31
0561104	REFINISH WOOD TRIM - INTERIOR	20358660.	.30
0426115	REPLACE ALUMINIUM (P/A) EXTERI	19935920.	.29
0981115	PREV MAINT WEEKLY TOUR-GAS BLE	19604000.	.29
0822101	GENERAL MAINT & REPAIR-GUTTERS	19154400.	.28
0434614	REFINISH ALUMINUM FRAME SCREEN	19123930.	.28
0981C33	REPLACE GAS HOUSE FURNACE - 20	19112010.	.28
0533214	REFINISH SOLID CORE PAINT.INTE	18501470.	.27
0814D02	CLN & SERV-HOT WATER HTR,GAS/O	18425410.	.27
0841202	REPLACE UNIT-WASTE DISPOSAL, R	18132910.	.27
0991452	PREVNT MAINT CHLLER AIR COOL R	17314400.	.26
0981D22	PREV MAINT - OIL HOUSE FURNACE	17308700.	.26
0841201	UNSTOP WASTE DISPOSAL, RESIDEN	16778110.	.25
0981H01	REPLACE WALL RADIATOR, FINNED	16511350.	.24
0533122	REPAIR HOLLOW CORE SLIDING PNT	16302660.	.24
1123602	PREV MAINT & INSP MOTOR STARTE	16195960.	.24
0981314	PREV MAINT WKLY TOUR-OIL BOILE	16163920.	.24
0441104	REFINISH CONCRETE DECKING EXTE	16149860.	.24
0431115	REPLACE ALUMINIUM EXTERIOR WND	15893140.	.23
0981A13	REPLACE DEAERATOR	15633060.	.23
0423215	REPLACE SOLID CORE (PAINTED) E	15567650.	.23
0813601	REPACK GLAND - DRAIN VALVE	15548320.	.23
0415C24	REFINISH STUCCO EXT. WALL 2ND	15245550.	.22
09A1914	REPLACE 2 PIPE FAN COIL UNIT -	14893050.	.22
0434624	REFINISH ALUMINUM FRAME SCREEN	14585930.	.22
0612802	REPAIR TILE WALL FINISH	14481110.	.21
0814603	INSTALL NEW VALVE, DRAIN	14353290.	.21
0636105	REPLACE ALUMINIUM PANEL CEILIN	14289610.	.21
0626102	REPLACE STEEL DECK FLOORING	14038780.	.21
0534232	REPIAR WOOD LOUVER INTERIOR DO	13833650.	.20
0533222	REPAIR SOLID CORE SLIDING PNT.	13785600.	.20
0811201	UNPLUG CLOGGED LINE-FLUSH TANK	13621440.	.20
0943301	REPLACE FIN RADIATOR, WALL 10	13399790.	.20
0812201	CLEAN DRAIN - FLOOR, WITHOUT B	13373000.	.20
0813702	INSTALL NEW EXPANSION CHAMBER	13336940.	.20
0431324	REFINISH WOOD FRAME(PNTD)EXT.W	13024040.	.19
0611102	REPAIR PLASTER WALL FINISHES	12736560.	.19
0813203	REPLACE PIPE AND FITTINGS - CO	12709900.	.19
09A1C14	REPLACE SINGLE ZONE DRAW-THRU	12565450.	.19
0423212	REPAIR SOLID CORE (PAINTED) EX	12522530.	.18
0431615	REPLACE ALUMINIUM(DOUBLE)EXT.W	12497900.	.18
09A1C52	PREVENT MAINT SGL ZONE DRAW TH	12082810.	.18
0311347	TOTAL ROOF REPLACEMENT - ROLL	12039110.	.18
0628102	REPLACE UNFINISHED CONCRETE FL	11731380.	.17
0415A14	REFINISH CONCRETE EXT.WALL 1ST	11573700.	.17
0616404	REFINISH WIRE MESH WALL FINISH	11569360.	.17
1112003	REPLACE SERVICE CABLE-OVERHEAD	11367000.	.17
0625102	SAND AND REFINISH PARQUETRY FL	11365000.	.17
0811103	REPLACE TNAKLESS WATER CLOSET	11350640.	.17
0981215	REPLACE COAL BOILER - 40000 BT	11320700.	.17
1221203	REPLACE SMOKE DETECTOR	11313200.	.17
0311102	MOISTURE INSPECTION OF ROOF BU	11307720.	.17
0981C12	PREV MAINT-GAS HOUSE FURNACE 2	11042770.	.16
0814203	REPLACE PIPE AND FITTINGS - CO	10921440.	.16
061A202	REPAIR FINISHED CONCRETE WALL	10846180.	.16
0561405	REPLACE CERAMIC TRIM - INTERIO	10580810.	.16
0415F24	REFN. WOOD FIN.(MULT.COAT)EXT.	10574560.	.16
0311354	MINOR REPLACEMENT - SHINGLED R	10509980.	.16

0431315	REPLACE WOOD FRM(PNTD)EXT.WDW.	10496440.	.15
0813103	REPLACE PIPE AND FITTINGS-STL,	10367700.	.15
0622202	REPLACE QUARRY TILE FLOOR	10319720.	.15
09A1C54	REPLACE SINGLE ZONE DRAW THRU	10310170.	.15
0811506	REPLACE LAVATORY - VITREOUS CH	10307410.	.15
0415124	REFINISH ALUMINUM SIDING EXT.F	10209930.	.15
0811102	UNPLUG CLOGGED LINE-TANKLESS W	10185520.	.15
0811505	CLEAN OUT STRAINER AND P TRAP-	10177620.	.15
061A204	REFINISH FINISHED CONCRETE WAL	10147360.	.15
0622102	REPLACE CERAMIC TILE FLOOR	9999721.	.15
0421212	REPAIR STEEL (PAINTED) EXTERIO	9950440.	.15
09A1913	PREV MAINT REPL FLTRS-2PIPE FA	9903117.	.15
0631302	REPAIR SHEETROCK(UNSTIPPLED)CE	9836363.	.15
0811205	REPLACE FLUSH TANK WATER CLOSE	9836081.	.15
0981C32	PREV MAINT - GAS HOUSE FURNACE	9775841.	.14
0811504	REPLACE FAUCETS-VITREOUS CHINA	9769305.	.14
1117101	MAINT & REPAIR SWITCHGEAR,INDR	9689002.	.14
09A1934	REPLACE 2 PIPE FAN COIL UNIT -	9657672.	.14
0814302	INSTALL NEW VALVE-NON DRAIN 3/	9655949.	.14
0531132	REPAIR STEEL SLIDING PNTD. INT	9653671.	.14
0814601	REPACK GLAND - VALVE DRAIN	9578068.	.14
0813603	INSTALL NEW VALVE - DRAIN	9545116.	.14
0635105	REPLACE WOOD(FINISHED)CEILING	9444127.	.14
0811F06	REPLACE SINK - STAINLESS STEEL	9430995.	.14
0981D12	PREV MAINT - OIL HOUSE FURNACE	9375309.	.14
0991453	REPLACE CHLLER-CHLLER AIR COOL	9289008.	.14
0631102	REPAIR PLASTER CEILING FINISH	9173376.	.14
0981E13	REPLACE ELECT HOUSE FURNACE -	9158520.	.14
0441102	REPAIR CONCRETE DECKING EXTERI	9021389.	.13
09C1112	PREV MAINT CLEANING - EXHAUST	9019906.	.13
0611303	REFIN.REPAIR.SHEETROCK(UNSTPLD	8900399.	.13
0632205	REPLACE ACOUSTIC TILE(DROPPED)	8878063.	.13
09C1122	PREV MAINT - EXHAUST FAN 1000	8835248.	.13
09A1C12	PREV MAINT ANNUAL-SINGLE Z DRA	8795108.	.13
0431625	REPLACE ALUMINUM(DOUBLE)EXT.WD	8656194.	.13
0811F04	UNSTOP - STAINLESS STEEL SINK	8547528.	.13
0811805	REPAIR DIVERTER VALVE-ENAMEL S	8526271.	.13
0431131	BROKEN GLASS:REPLCMT.ALUM.EXT.	8254839.	.12
09A1912	PREV MAINT CLEAN COIL - 2PIPE	8240642.	.12
0311343	MINOR ROOFING REPAIR - ROLL RO	8240618.	.12
0561105	REPLACE WOOD TRIM - INTERIOR O	8218570.	.12
0415212	REPAIR CLAY BRICK EXTERIOR WAL	8171693.	.12
0635202	REPAIR WOOD (UNFINISHED) CEILI	8142885.	.12
1221202	CHECK OPERATION, SMOKE DETECTO	8089717.	.12
1131613	REPLACE SODIUM FIXTURE, H.P. 2	8038635.	.12
0811906	REPLACE SHOWER - TERRAZO	8030120.	.12
0615104	REFINISH PLYWOOD(PAINTED)WALL	7847373.	.12
0811F03	REPLACE FAUCETS - STAINLESS ST	7847164.	.12
1283301	PREV MAINT BATTERY SECONDARY W	7829460.	.12
1114103	REPLACE TRANSFORMER, LIQUID FI	7786066.	.11
1221603	REPLACE FIRE ALARM CONT PANEL	7682792.	.11
0415A34	REFINISH CONCRETE EXT.WALL 3RD	7631644.	.11
0612402	REPAIR CONCRETE BLOCK(PAINTED)	7623242.	.11
063A204	REFINISH (FINISHED)CONCRETE CE	7579092.	.11
0415J15	REPLACE ALUMINUM SIDING(ANDZ)E	7460438.	.11
0635104	REFINISH WOOD(FINISHED)CEILING	7400383.	.11
0431125	REPLACE ALUMINIUM EXTERIOR WND	7398601.	.11
1215003	REPLACE DOOR BELL	7200362.	.11
0813302	INSTALL NEW VALVE- NON-DRAIN 3	7154369.	.11
09A1A14	REPLACE 4 PIPE FAN COIL UNIT -	7147604.	.11
0814602	REPLACE VALVE STEM ASSEMBLY	7095250.	.10
09A1C13	PREV MAINT REPL FLTRS-SINGLE Z	7081948.	.10
1215002	PREVENT MAINT AND INSPEC DOOR	7079235.	.10
0561605	REPLACE RUBBER TRIM - INTERIOR	6992429.	.10
0533125	REPLACE HOLLOW CORE SLIDING PN	6988557.	.10
0981D13	REPLACE OIL HOUSE FURNACE - 25	6980288.	.10
0415914	REFIN.PNTD.CONCR.BLOCK EXT.WAL	6979961.	.10
0415J25	REPLACE ALUMINUM SIDING(ANDZ)E	6979297.	.10
09C1113	REPLACE UNIT - EXHAUST FAN 200	6955067.	.10
0533225	REPLACE SOLID CORE SLIDING PNT	6942543.	.10
0991451	REPR HERMET CHILL-CHILL AIR CO	6919328.	.10
1131302	REPLACE LAMPS (2),FLUORESCENT	6836466.	.10

1123601	MAINT & REPAIR MOTOR STARTER,	6827992.	.10
0981D21	REPAIR OIL HOUSE FURNACE - 100	6815426.	.10
0811807	REPLACE TUB - ENAMELED STEEL B	6784671.	.10
09C1123	REPLACE ROOF MOUNTED EXHAUST F	6784341.	.10
0981326	REPLACE OIL BOILER - 2000 BTU	6751467.	.10
0433212	REPAIR ALUM LOUVER IN FRAME 1S	6730445.	.10
0311365	FLASHING REPLACEMENT - METAL R	6631098.	.10
0423214	REFINISH SOLID CORE (PAINTED)	6594670.	.10
0981324	PREV MAINT WKLY TOUR-OIL BLR 2	6471463.	.10
0811803	REPLACE FAUCETS-ENAMEL STL BAT	6423239.	.09
09A1D22	PREV MAINT - UNIT HEATER 1200	6315690.	.09
0625201	MINOR REPAIRS TO MAPLE FLOOR	6293386.	.09
0811806	UNSTOP - ENAMELED STEEL BATH T	6091373.	.09
0811405	CLEAN OUT STRAINER AND P TRAP-	6062317.	.09
0614505	REPLACE WALLPAPER WALL FINISH	6058233.	.09
0811605	CLEAN OUT STRAINER AND P TRAP-	6036893.	.09
0814103	REPLACE PIPE AND FITTINGS-STL,	5958258.	.09
0811604	REPLACE FAUCETS-ENAMELED STEEL	5898762.	.09
0431314	REFINISH WOOD FRAME(PNTD)EXT.W	5887597.	.09
0811J07	REPLACE BATHTUB, PLASTIC	5872028.	.09
0981415	REPLACE DUAL FIRED BOILER - 20	5856567.	.09
0981E12	PREV MAINT-ELECT HOUSE FURNACE	5854598.	.09
0811302	UNPLUG LINE - URINAL	5837599.	.09
0912103	REPLACE PIPE AND FITTINGS, STE	5819382.	.09
062B101	MINOR REPAIRS TO CONCRETE FLOO	5807386.	.09
0991213	REPLACE A/C WINDOW - 1 TON	5794882.	.09
0628202	REFINISH CONCRETE FLOOR	5779004.	.09
0814J03	REPLACE HOT WATER HEATER ELEC	5730390.	.08
0636102	REPAIR ALUMINIUM PANEL CEILING	5722271.	.08
0981425	REPLACE DUAL FIRED BOILER - 20	5712886.	.08
0991212	PREV MAINT - A/C WINDOW 1 TON	5698325.	.08
0431611	BRKN.GLS:RPLMNT.ALUM.(DBL)EXT.	5672815.	.08
09C1143	REPLACE EXHAUST FAN 25000 CFM	5656186.	.08
09A1C34	REPLACE SINGLE ZONE DRAW THRU	5647797.	.08
1127301	MAINT & REPAIR SWITCH, PULL CO	5625961.	.08
0811203	REPL WORN PARTS IN FLUSH TANK	5604532.	.08
0811H01	CHECK/MINOR REPAIRS - DRINKING	5576718.	.08
1281423	REPLACE GENERATOR COMPONENT, G	5453827.	.08
1131102	REPLACE LAMP, INCANDESCENT LIG	5406057.	.08
0614405	REPLACE VINYL WALL FINISH	5384035.	.08
1116203	REPLACE TRANSFORMER, DRY BELOW	5335593.	.08
09A1933	PREV MAINT REPL FLTRS- 2 PIPE	5322612.	.08
0981C13	REPLACE GAS HOUSE FURNACE - 25	5310195.	.08
0814D03	REPLACE HOT WATER HEATER, GAS/	5288385.	.08
0423231	REPL BRK GLAS SOLID CORE(SAFTY	5279123.	.08
0811806	REPLACE SHOWER AND FITTINGS-PL	5250730.	.08
1117203	REPLACE SWITCHGEAR, INDOOR AB	5225654.	.08
0811404	REPLACE FAUCETS - IRON, ENAMEL	5200200.	.08
1281103	REPLACE GENERATOR COMPONENT, G	5191159.	.08
0415F15	RPLC. WOOD FIN.(MULT.COAT) EXT	5132886.	.08
0923103	REPLACE PIPE AND FITTINGS, COP	5129862.	.08
0984211	REPACK GATE VALVE GLAND, 3/8"	5117137.	.08
0423235	REPLACE SOLID CORE(SAFTY GLAS)	5047722.	.07
1124001	MAINT & REPAIR CONTACTORS AND	5010904.	.07
0611202	REPAIR SHEETROCK (STIPPLED) WA	5003667.	.07
0415A24	REFINISH CONCRETE EXT.WALL 2ND	4998161.	.07
0431111	BROKEN GLASS:REPLACEMT.ALUM.WN	4983067.	.07
1131611	MAINT & REPAIR H.P. 250 W	4956426.	.07
0415022	REPAIR FORMICA-VINYL EXT.2ND F	4952653.	.07
0415222	REPAIR CLAY BRICK EXTERIOR WAL	4945359.	.07
0813J02	REPLACE VALVE STEM ASSEMBLY-DR	4904564.	.07
0811406	REPLACE LAVATORY - IRON, ENAME	4876760.	.07
0431824	REFINISH WOOD FRAME(DBL)EXT.WD	4876127.	.07
09A1C53	REPL FILTER SGL ZONE DRAW THRU	4827658.	.07
0981C31	REPAIR GAS HOUSE FURNACE - 200	4825813.	.07
09A1C24	REPLACE SINGLE ZONE DRAW-THRU	4824644.	.07
1283402	REPLACE BATTERY, SECONDARY DRY	4824261.	.07
0981414	PREV MAINT WKLY TR-DUAL FIRED	4733855.	.07
0431325	REPLACE WOOD FRAME(PNTD)EXT.WD	4711996.	.07
0531135	REPLACE STEEL SLIDING PAINT. I	4696821.	.07
0814E01	OVERHAUL WATER HTR, GAS/OIL 75	4659460.	.07
0415115	REPLACE ALUMINUM SIDING EXT.1S	4656988.	.07

1141002	REPLACE ELECTRICAL SERVICE GRO	4654334.	.07
0831113	REPLACE COMPRESSOR - 1 H.P.	4633296.	.07
0425302	REPAIR WOOD EXT GATE (WALK & D	4630524.	.07
0431621	BRKN.GLS:RPLMNT.ALUM.(DBL)EXT.	4628565.	.07
0814L03	REPLACE HOT WATER HEATER, ELEC	4611856.	.07
0981116	REPLACE GAS BOILER - 250 BTU	4599471.	.07
0415L14	REFIN. STEEL(PAINTED)EXT. 1ST	4594027.	.07
0981615	REPLACE ASH HANDLING SYSTEM	4576938.	.07
09A1A13	PREV MAINT REPL FLTRS- 4 PIPE	4576270.	.07
1211102	REPLACE 4-PIN RECEPTACLE, TELE	4570981.	.07
063A202	REPAIR (FINISHED) CONCRETE CEI	4567540.	.07
0628203	REPLACE FINISHED CONCRETE FLOO	4562090.	.07
0533116	REFIN.REPLCD.HOLLOW CORE WOOD	4553942.	.07
0434414	REFINISH METAL WINDOW GRATING	4535611.	.07
0534235	REPLACE WOOD LOUVER INTERIOR D	4524247.	.07
0981127	REPLACE GAS BOILER - 2000 BTU	4517107.	.07
09A1932	PREV MAINT CLEAN COIL-2 PIPE F	4511318.	.07
0311104	MINOR MEMBRANE REPLACEMENT - B	4474513.	.07
1122332	PREV MAINT&INSP CIRCT BREAKER,	4446876.	.07
0812301	CLEAN OUT BUCKET - FLOOR DRAIN	4367505.	.06
0981126	PREV MAINT WEEKLY TOUR-GAS BLR	4344589.	.06
0431815	REPLACE WOOD FRAME(DBL)EXT.WDW	4335764.	.06
0981D33	REPLACE OIL HOUSE FURNACE - 20	4324676.	.06
0582105	REPLACE BRASS LOCKSET -INTERIO	4319404.	.06
0814H01	DRAIN AND FLUSH HOT WATER HTR.	4314276.	.06
0415A12	REPAIR CONCRETE EXT. WALL 1ST	4272041.	.06
0814301	REPACK GLAND-VALVE,NON DRAIN 3	4237155.	.06
09A1924	REPLACE 2 PIPE FAN COIL UNIT -	4236365.	.06
0415E14	REFINISH WOOD FIN. (SINGLE COA	4198512.	.06
0415232	REPAIR CLAY BRICK EXTERIOR WAL	4184062.	.06
1112001	REPAIR CABLE SPLICE-OVERHEAD S	4148616.	.06
0812203	REPLACE FLOOR DRAIN- WITHOUT B	4135776.	.06
0423232	REPAIR SOLID CORE(SAFTY GLAS)	4053555.	.06
0531112	REPAIR STEEL PAINTED INTERIOR	4026221	.06
09A1A12	PREV MAINT CLEAN COIL - 4PIPE	4019588.	.06
0415J22	REPAIR ALUMINUM SIDING(AND/)EX	4012277.	.06
0811303	REPLACE URINAL	3984529.	.06
0981316	REPLACE OIL BOILER - 250 BTU	3974309.	.06
0981A12	PREVENTIVE MAINTENANCE - DEAER	3964783.	.06
0415924	REFIN.PNTD.CONCR. BLOCK EXT.WA	3955325.	.06
0984212	REPLACE GATE VALVE, 3/8" - 1 1	3920947.	.06
0991412	PREV MAINT - HERMETIC CHILLER	3899299.	.06
0981C11	REPAIR GAS HOUSE FURNACE - 25	3879803.	.06
0615704	REFINISH BOARD (FINISHED) WALL	3870374.	.06
0625101	MINOR REPAIRS TO WOOD PARQUETR	3853411.	.06
0615604	REFINISH PANEL(LAMINATED)WALL	3840661.	.06
0994342	REPLACE PIPE INSULATION	3833201.	.06
0422212	REPAIR WOOD FRAME EXTERIOR DOO	3824228.	.06
0632202	REPAIR ACOUSTIC TILE(DROPPD)CE	3823996.	.06
0811F05	REPAIR STRAINER - STAINLESS ST	3800073.	.06
1123603	REPLACE MOTOR STARTER, 0-600 V	3785020.	.06
0814F03	REPLACE HOT WATER HEATER, G/O	3767349.	.06
0811H04	REPLACE FREON - DRINKING FOUNT	3729863.	.06
09A1D12	PREV MAINT - UNIT HEATER 400 C	3719903.	.05
0811707	REPLACE TUB-BATH TUB, CAST IRO	3716701.	.05
0415015	REPLACE FORMICA-VINYL EXT.1ST	3713203.	.05
0431814	REFINISH WOOD FRAME(DBL)EXT.WD	3707803.	.05
09843?2	PREVENTIVE MAINT ON STEAM TRAP	3700318.	.05
0631303	REFIN.REPRD.SHEETROCK(UNSTPLD)	3696365.	.05
0611103	REFINISH REPAIRED PLASTER WALL	3665359.	.05
09A1C64	REPLACE SINGLE ZONE DRAW THRU	3652545.	.05
0615405	REPLACE TIMBER(UNFINISHED)WALL	3620206.	.05
0981D11	REPAIR OIL HOUSE FURNACE - 25	3597095.	.05
1283101	PREV MAINT BATTERY, PRIMARY WE	3592587.	.05
0434114	REFINISH ALUMINUM FRM.STORM WI	3573090.	.05
0981E11	REPAIR ELECTRIC HOUSE FURNACE	3566792.	.05
0425305	REPLACE WOOD EXT GATE (WALK &	3546140.	.05
1211101	REPAIR 4-PIN RECEPTACLE, TELEP	3508548.	.05
09C1142	PREVENTIVE MAINT. EXHAUST FAN	3508540.	.05
0451204	REFINISH WOOD CORNICE EXTERIOR	3467414.	.05
0813E01	REPACK GLAND-HOSE BIBB	3444459.	.05
0421214	REFINISH STEEL (PAINTED) EXTER	3427768.	.05

0811606	REPLACE LAVATORY - ENAMELED ST	3388216.	.05
0415C34	REFINISH STUCCO EXT.WALL 3RD +	3382204.	.05
0431135	REPLACE ALUMINIUM EXTERIOR WDW	3369753.	.05
0433214	REFINISH ALUM LOUVER IN FRAME	3340456.	.05
061A102	REPAIR UNFINISHED CONCRETE WAL	3328127.	.05
0311361	DEBRIS REMOV.BY HAND+VIS.INSP.	3309065.	.05
0814802	INSTALL NEW PEPE INSULATION-HO	3298137.	.05
0811805	UNSTOP - PLASTIC SHOWER	3291392.	.05
0434615	REPLACE ALUMINUM FRAME SCREEN	3283468.	.05
0612403	REFIN.REPAIRED.CONC.BLOCK(PNTD	3271688.	.05
0813301	REPACK GLAND-VALVE,NON-DRAIN 3	3247634.	.05
0619305	REPLACE CORK TILE WALL FINISH	3240028.	.05
1124003	REPLACE CONTACTORS AND RELAYS	3219409.	.05
0432315	REPLACE WOOD FRAME FIX.EXT.WDW	3209014.	.05
0431121	BROKEN GLASS:REPLCMT.ALUM.WND.	3208087.	.05
0614105	REPLACE FORMICA WALL FINISH	3202903.	.05
0984373	REPLACE STEAM TRAP, F&T < 1"	3177505.	.05
09A1114	REPLACE MULTI-ZONE UNIT 6500 C	3168436.	.05
1122103	REPLACE SAFETY SWITCH, ENCLOSE	3160861.	.05
0421112	REPAIR ALUMINIUM (P/A) EXTERIO	3157317.	.05
0415025	REPLACE FORMICA-VINYL EXT.2ND	3156121.	.05
1127302	REPLACE SWITCH, PULL CORD	3108754.	.05
0981D32	PREV MAINT - OIL HOUSE FURNACE	3107852.	.05
1131612	REPLACE LAMP, SODIUM FIXT H.P.	3097435.	.05
09A1744	REPLACE 2 PIPE INDUCTION UNIT-	3096448.	.05
0984423	REPLACE CIRCULATION PUMP 5 HP	3091119.	.05
09E1211	PREVENT MAINT DAMPER CONTROLLE	3073747.	.05
0631202	REPAIR SHEETROCK(STIPPLED)CEIL	3062578.	.05
0444102	REPAIR METAL COLUMN EXTERIOR P	3059297.	.05
0994423	REPLACE CIRC. PUMP 5 HP.	3039985.	.04
0811502	REPLACE WASHER IN FAUCET-VITR	3015704.	.04
1122432	PREV MAINT SAFETY SWITCH FUSED	3011878.	.04
0635102	REPAIR WOOD (FINISHED) CEILING	2995353.	.04
09A1C62	PREV MAINT SINGLE ZONE DRAW TH	2964732.	.04
0811804	RESEAL - BATH TUB, ENAMELED ST	2945016.	.04
0415L34	REFIN. STEEL(PAINTED)EXT. 3RD	2944803.	.04
1221602	PREVENT MAINT & INSP FIRE ALRM	2919501.	.04
0814F02	CLEAN & SERVICE-HOT WAT HTR,G/	2902302.	.04
0531332	REPAIR ALUMINUM SLIDING INTERI	2897262.	.04
1131503	REPLACE EMERGENCY LIGHTING FIX	2865972.	.04
09A1023	REPLACE UNIT HEATER - 1200 CFM	2862468.	.04
0427102	REPR.STEEL FRM.SINGLE(PNTD) DR	2855405.	.04
1283201	PREV MAINT BATTERY, PRIMARY DR	2839572.	.04
09E1313	REPLACE SIMPLEX AIR COMPRESSOR	2835092.	.04
0572205	REPLACE WOOD STEPS - INTERIOR	2791928.	.04
09E1212	REPLACE DAMPER CONTROLLER/ELEC	2774165.	.04
0311352	NON-DESTRUCTIVE MOISTURE INSP.	2733154.	.04
0533124	REFINISH HOLLOW CORE SLIDING I	2710200.	.04
0415C12	REPAIR STUCCO EXTERIOR WALL -	2703617.	.04
0981336	REPLACE OIL BOILER - 10000 BTU	2689252.	.04
0984371	REPAIR STEAM TRAP, F&T < 1"	2676380.	.04
0631103	REFINISH REPAIRED PLASTER CEIL	2649089.	.04
0831133	REPLACE GAS COMPRESSOR > 1/2 H	2607076.	.04
1115101	REPAIR SWITCHGEAR, INDOOR, 0-6	2585435.	.04
0434634	REFINISH ALUMINUM FRAME SCREEN	2569265.	.04
0821101	GENERAL MAINT&REP-DRAIN,ROOF S	2567581.	.04
0431224	REFINISH STEEL FRAME(PNTD)EXT.	2561207.	.04
0991413	REPLACE HERMETIC CHILLER - 20	2556417.	.04
0612904	REFINISH MASONITE INTERIOR WAL	2554431.	.04
1122372	PREV MAINT&INSP CIRC BKR FIXED	2543776.	.04
09A1923	PREV MAINT REPL FLTRS-2 PIPE F	2535416.	.04
0961101	REPLACE SOLAR PANEL , 3' X 8'	2520807.	.04
0311337	TOTAL ROOF REPLACEMENT - TILE	2489066.	.04
09A1C22	PREV MAINT ANN-SINGLE Z DRAW T	2465722.	.04
0432314	REFINISH WOOD FRAME FIX.EXT.WD	2457288.	.04
0991542	PREVENT MAINT-CHILLR WATER COO	2445292.	.04
062A302	REPLACE RUBBER TILE FLOORING	2441753.	.04
0533224	REFINISH SOLID CORE SLIDING PN	2416036.	.04
0415A32	REPAIR CONCRETE EXT. WALL 3RD+	2414546.	.04
0415L24	REFIN. STEEL (PNTD) EXT. FIN.	2390914.	.04
0811101	REPLACE FLUSH VALVE-TANKLESS W	2387560.	.04
0431215	REPLACE STEEL FRM.(PNTD)EXT.WD	2361051.	.03

0844111	REPAIR OPEN HEAD-SPRINKLER HEA	2359878.	.03
0981137	REPLACE GAS BOILER - 10000 BTU	2358946.	.03
0427502	REPAIR WOOD SINGLE ROLL-UP DOO	2346969.	.03
0427104	REFINISH STEEL FRAME (PAINTED)	2337274.	.03
0444104	REFINISH METAL COLUMN EXTERIOR	2335769.	.03
0981E23	REPLACE ELECT HOUSE FURNACE -	2334892.	.03
0616105	REPLACE ALUMINUM WALL FINISH	2330949.	.03
09A1C23	PREV MAINT REPL FLTRS-SINGLE Z	2328463.	.03
0811705	REPAIR DIVERTER VALVE-BATH TUB	2327521.	.03
0636103	REFIN.REPRD.ALUMINIUM PANEL CE	2319887.	.03
0981315	PREV MAINT CLEAN BURNER-OIL BL	2319744.	.03
062A201	MINOR REPAIRS TO VINYL ASB.TIL	2311563.	.03
0415C22	REPAIR STUCCO EXTERIOR WALL -	2306866.	.03
0991422	PREV MAINT - HERMETIC CHILLER	2298677.	.03
0433215	REPLACE ALUM LOUVER IN FRAME 1	2278757.	.03
0415F12	REPR. WOOD FIN.(MULT.COAT) EXT	2278721.	.03
09A1D51	PREVEN MAINT GAS FIRE RADIANT	2265636.	.03
0615905	REPLACE WAINSCOT WALL FINISH	2262211.	.03
0813902	INSTALL NEW PIPE INSULATION-CO	2251647.	.03
0991423	REPLACE HERMETIC CHILLER - 50	2245674.	.03
0991223	REPLACE A/C WINDOW - 2 TONS	2206219.	.03
0423234	REFIN SOLID CORE(SAFTY GLAS) P	2198153.	.03
0811803	REPLACE FAUCETS - PLASTIC SHOW	2192478.	.03
0814702	INSTALL NEW EXPANSION CHAMBER	2188348.	.03
0811F01	REPLACE FAUCET WASHER-STAINLES	2181206.	.03
0628201	MINOR REPAIRS TO FINISHED CONC	2177272.	.03
09A1922	PREV MAINT CLEAN COIL-2PIPE FA	2150095.	.03
0625302	REPLACE PLYWOOD FLOOR	2133247.	.03
0415112	REPAIR ALUMINUM SIDING EXT.1ST	2128306.	.03
09A1134	REPLACE MULTI-ZONE UNIT 25000	2104237.	.03
1124002	PREV MAINT CONTACTORS AND RELA	2104140.	.03
1114101	REPAIR TRANSFORMER, LIQUID FIL	2102176.	.03
0615105	REPLACE PLYWOOD(PAINTED)WALL F	2093270.	.03
0311334	MINOR REPLACEMENT - TILE ROOF	2092367.	.03
0434124	REFINISH ALUMINUM FRM.STORM WI	2090044.	.03
0994212	REPLACE GATE VALVE, 3/8" - 1 1	2087650.	.03
09C1111	REPLACE FAN AND MOTOR - 200 CF	2082403.	.03
1122422	PREV MAINT SAFETY SWITCH FUSED	2074743.	.03
0421222	REPAIR STEEL (SAFTY GLAS)PAINT	2054063.	.03
0981311	REPAIR OIL BOILER - 250 BTU	2048156.	.03
0981421	REPAIR DUAL FIRED BOILER - 200	2031737.	.03
0811101	REPACK GLAND-SPIGOT	2008850.	.03
0619204	REFINISH ACOUSTICAL TILE WALL	2006129.	.03
0431825	REPLACE WOOD FRAME(DBL)EXT.WDW	1992006.	.03
09A1911	REPAIR 2 PIPE FAN COIL UNIT -	1978600.	.03
0981211	REPAIR COAL BOILER - 40000 BTU	1968822.	.03
1221102	REPLACE MANUAL PULL STATION	1966820.	.03
0423112	REPAIR HOLLOWCORE (PAINTED) EX	1960997.	.03
1117102	PREV MAINT &INSEP SWITCHGEAR,I	1960869.	.03
0984413	REPLACE CIRCULATOR PUMP, < 1HP	1959002.	.03
0427505	REPLACE WOOD SINGLE ROLL-UP EX	1953416.	.03
0981111	REPAIR BOILER - 250 BTU	1944369.	.03
0431234	REFINISH STEEL FRM(PNTD)EXT.WD	1940936.	.03
0311362	NON-DESTRUCT.MOISTURE INSPECT.	1939306.	.03
09A1C63	REPL FILTER SINGL ZONE DRAW TH	1931517.	.03
0984464	REPLACE CONDENSATE RECEIVER, 1	1898918.	.03
0415122	REPAIR ALUMINUM SIDING EXT.2ND	1868503.	.03
0611203	REFIN.REPAIRED.SHEETROCK(STIPD	1861552.	.03
0433314	REFINISH STEEL LOUVER (FRAMEED	1858543.	.03
0432115	REPLACE ALUMINUM FIX.EXT.WDW.1	1837012.	.03
1122101	MAINT & REPAIR SAFETY SWITHCH,	1836374.	.03
0615904	REFINISH WAINSCOT WALL FINISH	1822827.	.03
0533216	REFINI.REPLCD.SOLID CORE PAINT	1817888.	.03
0812303	REPLACE FLOOR DRAIN - WITH BUC	1798605.	.03
0811402	REPLACE WASHER IN FAUCET-IRON,	1796014.	.03
1221201	M/R REPAIR SMOKE DETECTOR	1794635.	.03
09A1G11	CLEAN COIL-DUCTCOIL 1-ROW H.W.	1791484.	.03
0811602	REPLACE WASHER IN FAUCET-ENAME	1789008.	.03
0431311	BR.GLS:RPLMT.WOOD FRM(PNT)EXT.	1788556.	.03
0811H03	CORRECT WATER PRESSURE-DRINKIN	1779018.	.03
1122412	PREVENT MAINT SAFTY SWITCH FUS	1774727.	.03
0534222	REPAIR STEEL LOUVER INTERIOR D	1766898.	.03

0422125	REPLACE-FUL GLAZD ALUM FRAME S	1762987.	.03
0415A22	REPAIR CONCRETE EXT.WALL 2ND F	1757234.	.03
0811F02	CLEAN TRAP - STAINLESS STEEL S	1757018.	.03
0415934	REFIN.PNTD.CONCR. BLOCK EXT.WA	1750215.	.03
0531134	REFINISH STEEL SLIDING PNTD. I	1742404.	.03
0991433	REPLACE HERMETIC CHILLER - 100	1739535.	.03
1281203	REPLACE DIESEL GENERATOR COMPO	1731676.	.03
0981912	PREV MAINT - FEED WATER SUPPLY	1731481.	.03
0472105	REPLACE BRASS LOCKSET EXTERIOR	1723389.	.03
0811E04	UNSTOP - ENAMELED STEEL SINK	1719969.	.03
0911101	REPLACE GAS METER	1718150.	.03
09A1C32	PREV MAINT ANN-SINGLE Z DRAW T	1718011.	.03
0415C23	REFIN.REPAIRED STUCCO EXT.WALL	1715385.	.03
0814K03	REPLACE HOT WATER HEATER ELEC	1707354.	.03
0813E02	REPL OLD VALVE,PARTIAL- HOSE B	1694428.	.02
0433312	REPAIR STEEL LOUVER (FRAMED) 1	1690511.	.02
09C1162	REPLACE ROOF MOUNTED EXHAUST F	1686853.	.02
0422112	REPAIR ALUMINIUM EXTERIOR DOOR	1683643.	.02
1233002	REPLACE TV CABLE OUTLET	1669652.	.02
0831313	REPLACE METAL PIPE AND FITTING	1657598.	.02
0533232	REPAIR SOLID CORE (SAFETY)PAIN	1653692.	.02
0423115	REPLACE HOLLOW CORE (PAINTED)	1637941.	.02
0522105	REPLACE FABRIC INT. PARTITIONS	1635770.	.02
1131413	REPLACE FIXTURE,HID,MERCURY VA	1625243.	.02
0811202	REPL WASHER IN BALL COCK-FLH T	1622555.	.02
0415E24	REFIN.WOOD FINISH(SINGLE COAT)	1616278.	.02
0434112	REPAIR ALUMINUM FRM. STORM WIN	1609708.	.02
0534115	REPLACE PANELED (PAINTED) INTE	1603666.	.02
0561106	REFIN.REPLCD.WOOD TRIM-INTERIO	1602625.	.02
0991222	PREVENTIVE MAINT - A/C WINDOW	1585432.	.02
0844113	REPLACE OPEN-HEAD SPRINKLER HE	1573260.	.02
0433222	REPAIR ALUMINUM LOUVER(FRAMED)	1569133.	.02
0421215	REPLACE STEEL (PAINTED) EXTERI	1567453.	.02
0811703	REPLACE FAUCETS-BATH TUB, CAST	1567259.	.02
0415F25	RPLC. WOOD FIN.(MULT.COAT) EXT	1565491.	.02
1215001	REPAIR DOOR BELL	1554784.	.02
0811802	REPLACE FAUCET WASHER-ENAMEL S	1540654.	.02
0981G01	REPLACE RADIATOR, BASEBOARD 10	1530114.	.02
0531335	REPLACE ALUMINUM SLIDING INTER	1524375.	.02
0991421	REPAIR HERMETIC CHILLER - 50 T	1519403.	.02
0615504	REFINISH PANEL(SOLID)WALL FINI	1519268.	.02
0841302	CHK OPERATION & ADD SALT-WATER	1515667.	.02
0814L01	DRAIN & FLUSH-HOT WAT HEAT ELE	1513282.	.02
09A1124	REPLACE MULTI-ZONE UNIT 10000	1512203.	.02
09A1032	PREVENT MAINT UNIT HEATER 4000	1494267.	.02
0811E03	REPLACE FAUCETS - ENAMELED STE	1490183.	.02
0442302	REPAIR STEEL(METAL)PNT.RAILING	1490024.	.02
0311345	FLASHING REPAIRS - ROLL ROOFIN	1486260.	.02
0434625	REPLACE ALUMINUM FRAME SCREEN	1478648.	.02
0311364	MINOR REPLACEMENT - METAL ROOF	1478579.	.02
0981M15	REPLACE IND FURNACE GAS/OIL 50	1474290.	.02
0981F01	REPLACE RADIATOR, CAST IRON 10	1471591.	.02
0572204	REFINISH WOOD STEPS - INTERIOR	1471359.	.02
0415012	REPAIR FORMICA-VINYL EXT.1ST F	1464230.	.02
0811804	RESEAL - PLASTIC SHOWER	1454135.	.02
09A1C33	PREV MAINT REPL FLTRS-SINGLE Z	1440705.	.02
0991411	REPAIR HERMETIC CHILLER - 20 T	1438565.	.02
0415J12	REPAIR ALUMINUM SIDING(ANDZ)EX	1434821.	.02
0531114	REFINISH STEEL PAINTED INTERIO	1428533.	.02
0462102	REPAIR CONCRETE STEPS EXTERIOR	1426057.	.02
0991431	REPAIR HERMETIC CHILLER - 100	1425286.	.02
0415125	REPLACE ALUMINUM SIDING EXT.2N	1416079.	.02
0632102	REPAIR ACOUSTIC TILE CEILING F	1390923.	.02
0620102	REPLACE BITUMINOUS FLOORING	1384367.	.02
0981911	REPAIR FEED WATER SUPPLY PUMP	1380851.	.02
0991512	PREV MAINT HERM CHILLER WCH RE	1368117.	.02
0981031	REPAIR OIL HOUSE FURNACE - 200	1367942.	.02
0941301	REPLACE STEAM REGUL. VALVE-2"	1362059.	.02
1112002	CABLE INSPECTION-OVERHEAD SERV	1361947.	.02
0433224	REFINISH ALUMINUM LOUVER(FRAME	1344176.	.02
0415123	REFIN.REPRD.ALUMINUM SIDING EX	1329802.	.02
0433512	REPAIR ALUMINUM SHUTTER (FRAME	1325380.	.02

0442304	REFINISH STEEL (METAL)PNT.RAIL	1317181.	.02
0615102	REPAIR PLYWOOD(PAINTED)WALL FI	1316042.	.02
0811301	REPLACE FEESH VALVE - URINAL	1310286.	.02
09A1052	REPLACE GAS FIRED RAD HEAT 50	1303461.	.02
1221301	REPLACE FIRE ALARM BELL ,6"	1293536.	.02
0813402	INSTALL NEW VALVE - NON-DRAIN	1283731.	.02
0415I16	REFIN.REPLCD.ALUMINUM SIDING E	1269491.	.02
0433124	REFINISH WOOD LOUVER IN FRAME	1268938.	.02
0415T15	REPLACE ALUM CORR PANELS - FIR	1261784.	.02
0981424	PREV MAINT WKLY TR-DL FIRED BL	1260285.	.02
09C1131	REPAIR EXHUAST FAN 10000 CFM	1256945.	.02
0421115	REPLACE ALUMINIUM (P/A) EXTERI	1256158.	.02
0533235	REPLACE SOLID CORE(SAFETY)PNT.	1252579.	.02
0441204	REFINISH WOOD DECKING EXTERIOR	1246901.	.02
0831132	REPAIR GAS COMPRESSOR > 1/2 HP	1242895.	.02
09A1033	REPLACE UNIT HEATER 4000 CFM	1236153.	.02
0561102	REPAIR WOOD TRIM - INTERIOR OR	1235169.	.02
0427105	REPLACE STEEL FRAME SINGLE (PN	1233328.	.02
0814202	INSTALL 10'SECTION-PIPE&F, COP	1215760.	.02
0811J05	REPAIR DIVERTER VALVE-BATHTUB,	1205003.	.02
0814A03	REPLACE 1/6HP PUMP/MOTOR ASSEM	1198479.	.02
0534234	REFINISH WOOD LOUVER INTERIOR	1195240.	.02
0415F22	REPR. WOOD FIN.(MULT.COAT) EXT	1194212.	.02
0811D04	UNSTOP - IRON ENAMEL SINK	1183622.	.02
0821103	REPLACE DRAIN, ROOF SCUPPER, A	1179934.	.02
0431214	REFINISH STEEL FRM.(PAINT)EXT.	1179391.	.02
0415T22	REPAIR ALUM CORR PANEL - 2ND F	1179053.	.02
0981L01	CLEAN AND SCRAPE-STORAGE TANK,	1178174.	.02
09A1D13	REPLACE UNIT HEATER - 400 CFM	1177782.	.02
0427504	REFINISH WOOD SINGLE ROLL-UP E	1176065.	.02
1122371	MAINT & REPR CIRC BREAKER FIXE	1170073.	.02
0831112	REPAIR COMPRESSOR - 1 H.P.	1169243.	.02
0981325	PREV MAINT CLEAN BURNER-OIL BL	1169052.	.02
0631203	REFIN.REPAIRED SHEETROCK(STIPL	1163991.	.02
0431326	REFIN.RPLCD.WOOD FRM(PNT)EXT.W	1156862.	.02
0612204	REFINISH CLAY BLOCK (PAINTED)W	1152580.	.02
0431321	BRKN.GLS:RPLMNT.WOOD FRM(PNT)E	1152576	.02
0991462	PREVENT MAINT-CHILLR AIR COOL	1151317.	.02
0991523	REPLACE HERMET CHILLER WCH REC	1147385.	.02
09A1214	REPLACE DUAL DUCT UNIT - 6500	1137416.	.02
0811D06	REPLACE SINK - IRON ENAMEL SIN	1135535.	.02
0311335	FLASHING REPAIR - TILE ROOF	1133822.	.02
1221502	CHECK OPERATION HEAT DETECTOR	1123350.	.02
0615402	REPAIR TIMBER (UNFINISHED) WAL	1118200.	.02
0991522	PREV MAINT HER CHILLER WCH REC	1115987.	.02
0981E22	PREV MAINT - ELECT HOUSE FURNA	1115819.	.02
1143511	MAINTENANCE AND REPAIR-LIGHTNI	1090891.	.02
0981322	PREV MAINT ANNUAL INSP-OIL BLR	1088787.	.02
0981334	PREV MAINT WKLY TOUR-OIL BLR 1	1087659.	.02
09A1E21	REPAIR HEAT PUMP - 10 TONS	1083123.	.02
0991D33	REPLACE EVAPORATIVE CONDENSER	1081479.	.02
0631404	REFINISH STUCCO INTERIOR CEILI	1081059.	.02
0629101	MINOR REPAIRS TO CARPET	1079244.	.02
0981913	REPLACE FEED WATER SUPPLY PUMP	1077485.	.02
0981412	PREV MAINT ANN-DUAL FIRED BLR	1074468.	.02
0431811	BRKN.GLS:RPLMNT.WOOD FRM(DBL)E	1073340.	.02
0433112	REPAIR WOOD LOUVER IN FRAME 1S	1071769.	.02
0434115	REPLACE ALUMINUM FRM.STORM WIN	1065759.	.02
0432324	REFINISH WOOD FRAME FIX.EXT.WD	1064812.	.02
0615103	REFIN.REPAIRED PLYWOOD(PAINTED	1064695.	.02
09A1931	REPAIR 2PIPE FAN COIL UNIT - 6	1055324.	.02
1131423	REPLACE FIXTURE,HID,METAL HALI	1052919.	.02
0615205	REPLACE PLYWOOD(UNFINISHED)WAL	1049702.	.02
0433134	REFINISH WOOD LOUVER IN FRAME	1047018.	.02
0415134	REFINISH ALUMINUM SIDING EXT.F	1044880.	.02
0961201	REPLACE SOLAR STORAGE TANK, 10	1041487.	.02
0811H02	REPAIR INTERNAL LEAKS-DRINKING	1040888.	.02
0811A06	REPLACE SHOWER - ENAMELED STEE	1039569.	.02
0611404	REFINISH STUCCO INTERIOR WALL	1028272.	.02
0811E06	REPLACE SINK - ENAMELED STEEL	1022257.	.02
0635103	REFIN.REPAIRD.WOOD(FINISHED)CE	1019051.	.02
0811D03	REPLACE FAUCETS - IRON ENAMEL	1007456.	.01

0444204	REFINISH WOOD COLUMN EXTERIOR	1006385.	.01
0614805	REPLACE CARPETED INTERIOR WALL	1000302.	.01
0941103	REPLACE STEAM CONVERTOR <300,0	996320.	.01
0415F16	REFN. RPLCD. WOOD FIN.(MULT.CO	989942.	.01
0431112	REPAIR ALUMINIUM EXTERIOR WND.	988642.	.01
0831143	REPLACE GAS COMPRESSOR > 15 HP	986861.	.01
0311363	MINOR REPAIRS - METAL ROOF	984494.	.01
0431225	REPLACE STEEL FRM(PNTD)EXT. WD	983599.	.01
0981136	PREV MAINT WEEKLY TOUR-GAS BLR	976189.	.01
0814D01	REPAIR HOT WATER HTR. GAS/OIL	972842.	.01
0991543	REPL CHILLR-CHILLR WATER COOL	969091.	.01
0632105	REPLACE ACOUSTIC TILE CEILING	967644.	.01
0981312	PREV MAINT ANNUAL INSP-OIL BLR	967456.	.01
0415C13	REFIN. REPAIRED STUCCO EXT.WAL	966300.	.01
0811H06	UNSTOP DRAIN - DRINKING FOUNTA	955194.	.01
0811H05	REPAIR DRAIN LEAK - DRINKING F	954228.	.01
0415T25	REPLACE ALUM CORR PANEL - 2ND	953475.	.01
0534112	REPAIR PANELED (PAINTED) INTER	945845.	.01
0813102	REPLACE 10' SECTION-PIPE&F,STL	943967.	.01
0433114	REFINISH WOOD LOUVER IN FRAME	936026.	.01
0981113	PREV MAINT EXTER INSP-GAS BOIL	936010.	.01
0921101	REPLACE OIL STORAGE TANK, 275	931406.	.01
063A102	REPAIR (UNFINISHED)CONCRETE CE	929312.	.01
0415I13	REFIN.REPRD.ALUMINUM SIDING EX	928822.	.01
09A1944	REPLACE 2 PIPE FAN UNIT - 1200	923264.	.01
0311341	DEBRIS REMOV.BY HAND & VIS.INS	922009.	.01
0984281	M/R, REPACK DRAIN VALVE GLAND	921535.	.01
0461204	REFINISH METAL RAILING EXTERIO	913681.	.01
0615304	REFINISH TIMBER(FINISHED)WALL	913571.	.01
0614502	REPAIR WALLPAPER WALL FINISH	902012.	.01
0991521	REPAIR HERMET CHILLER WCH RECI	898096.	.01
0434134	REFINISH ALUMINUM FRM.STORM WI	895797.	.01
09A1A11	REPAIR 4 PIPE FAN COIL UNIT -	895468.	.01
1116103	REPLACE TRANSFORMER,LIQUID BEL	892552.	.01
0422115	REPLACE ALUMINIUM EXTERIOR DOO	892117.	.01
0982123	REPLACE IND DRAFT FAN 10,000	891972.	.01
09C1153	REPLACE EXHAUST FAN 50000 CFM	886160.	.01
0814402	INSTALL NEW VALVE, NON DRAIN 2	885737.	.01
0814C03	REPLACE STEAM CONVERTOR-DOMEST	879822.	.01
0415124	REFINISH ADOBE EXTERIOR WALL 2	879285.	.01
0561402	REPAIR CERAMIC TRIM - INTERIOR	877834.	.01
0434514	REFINISH METAL MESH WINDOW COV	876706.	.01
0981131	REPAIR GAS BOILER - 10000 BTU	874609.	.01
0991432	PREV MAINT - HERMETIC CHILLER	871241.	.01
1117201	MAINT & REPAIR SWITCHGEAR, IND	869515.	.01
1281303	REPLACE GENERATOR COMPONENT, V	868046.	.01
0931101	REPLACE LPG STORAGE TANK ,100	866940.	.01
0981112	PREV MAINT ANN INSP-250 BTU GA	865424.	.01
0433122	REPAIR WOOD LOUVER IN FRAME 2N	865154.	.01
0415F23	REFN. REPRD.WOOD FIN.(MULT.COA	858450.	.01
0814B03	REPLACE 1/2HP PUMP/MOTOR ASSEM	857460.	.01
0415F13	REFIN. REPR.WOOD FIN.(MULT.COA	847073.	.01
0531115	REPLACE STEEL PAINTED INTERIOR	846699.	.01
0811704	RESEAL BATH TUB, CAST IRON	844193.	.01
0434122	REPAIR ALUMINUM FRM.STORM WIND	843171.	.01
0432615	REPLACE ALUMINUM FIX(DBL)EXT.W	839622.	.01
0421224	REFIN STEEL(SAFTY GLAS) PAINTE	838380.	.01
0415L12	REPAIR STEEL(PAINTED)EXT. 1ST	837259.	.01
0981E21	REPAIR ELECT HOUSE FURNACE - 1	836361.	.01
0422122	REPAIR-FUL GLAZED ALUM FRAME S	835552.	.01
0811B02	REPLACE FAUCET WASHER - PLASTI	834354.	.01
09A1524	REPLACE VARIABLE VOLUME UNIT -	834142.	.01
0991513	REPL HERMET CHILLERS WCH RECIP	829331.	.01
0311333	REPAIR - TILE ROOFING	827139.	.01
0844112	INSPECT SPRINKLER SYST-SPRINKL	809806.	.01
1233001	MAINTENANCE AND REPAIR TV CABL	809726.	.01
0831154	REPLACE COMPRESSED AIR DRYER	808367.	.01
1131411	MAINT&REPAIR HID,MERCURY VAPOR	806142.	.01
0434616	REFIN.REPLCD.ALUMIN.FRAME SCRE	805141.	.01
0811801	INSPECT/CLEAN SHOWER HEAD-ENAM	801168.	.01
0615305	REPLACE TIMBER (FINISHED) WALL	795533.	.01
0811E05	REPAIR STRAINER - ENAMELED STE	794044.	.01

0415A33	REFIN.REPAIRED CONCRETE EXT.WA	784682.	.01
0811102	REPL OLD VALVE WITH NEW,PARTIA	784602.	.01
09A1112	PREV MAINT ANNUAL-MULTI-ZONE 6	781844.	.01
09C1121	REPAIR EXHAUST FAN - 1000 CFM	779085.	.01
0635106	REFIN.REPLCED.WOOD(FINISHED)CE	779072.	.01
0981313	PREV MAINT EXTER INSP-OIL BLR	773247.	.01
0421132	REPAIR ALUM SLIDING EXT DOOR	771401.	.01
0812101	UNCLOG FLOOR DRAIN - PIPE & FI	768474.	.01
0991461	REPR HERMET CHLLR-CHLLR AIR CO	765879.	.01
0427302	REPAIR ALUM SINGLE ROLL-UP EXT	765333.	.01
0981121	REPAIR GAS BOILER 2000 BTU	764794.	.01
1131422	REPLACE LAMP,HID,METAL HALID F	760999.	.01
0615902	REPAIR WAINSCOT WALL FINISH	757015.	.01
0615805	REPLACE BOARD(UNFINISHED)WALL	744897.	.01
1122433	REPLACE SAFETY SWITCH FUSED 3P	743844.	.01
09A1E22	PREV MAINT - HEAT PUMP 10 TONS	736029.	.01
09E1311	REPAIR COMP. SIMPLEX AIR COMP.	735995.	.01
0612502	REPAIR CLAY BRICK WALL FINISH	735287.	.01
0811905	UNSTOP - TERRAZO SHOWER	734611.	.01
0811503	REPLACE SUPPORT RODS-VITREOUS	733833.	.01
0432625	REPLACE ALUMINUM FIX(DBL)EXT.W	731839.	.01
0311331	DEBRIS REMOV.BY HAND & VISUAL	731072.	.01
0615602	REPAIR PANEL(LAMINATED)WALL FI	722181.	.01
0991541	REPR HERMET CHILLR-CHILL WAT C	714007.	.01
0614402	REPAIR VINYL WALL FINISH	713103.	.01
0615106	REFIN.REPLACED PLYWOOD(PAINTED	710329.	.01
0981M25	REPLACE IND FURNACE GAS/OIL 20	704310.	.01
0423216	REFIN. REPLACED SOLID CORE (PN	703841.	.01
0941101	REPAIR STEAM CONVERTOR, <300,0	689657.	.01
0813202	INSTALL 10' SECTION-PIPE & F,	688869.	.01
0811501	REPLACE WASHER IN SPUD CONNECT	687873.	.01
0572102	REPAIR CONCRETE STEPS - INTERI	687190.	.01
0811A03	REPLACE FAUCETS - ENAMELED STE	687190.	.01
0811A05	UNSTOP - ENAMELED STEEL SHOWER	686700.	.01
0434111	BRKN.GLS.RPLMT:ALUM.FRM.STORM	686529.	.01
0432111	BRKN.GLS:RPLMNT.ALUM.FIX.EXT.W	673779.	.01
09E1121	PREVENT MAINT HUMIDISTAT	670374.	.01
0431612	REPAIR ALUMINUM(DOUBLE)EXT.WDW	669091.	.01
0814M01	CLEAN & SCRAPE HOT WTR STORAGE	668282.	.01
09A1144	REPLACE MULTI-ZONE UNIT 50000	666496.	.01
0572605	REPLACE CARPETED STEPS INTERIO	665377.	.01
1221601	MINOR REPAIRS TO FIRE ALARM CO	657853.	.01
0982122	PREVENT MAINT IND FAN 10,000 C	655534.	.01
0981M11	REPAIR IND. FURNACE GAS/OIL 50	652012.	.01
0534125	REPLACE LOUVERED (PAINTED) INT	649014.	.01
09A1C44	REPLACE SINGLE ZONE DRAW THRU	639227.	.01
0311411	DEBRIS REMOVE HAND&VIS INSP-CO	638640.	.01
0581105	REPLACE BRASS HINGE - INTERIOR	633387.	.01
0831312	REPLACE METAL PIPE AND FITTING	632725.	.01
0984283	REPLACE/ REPLACE DRAIN VALVE	628590.	.01
0811J03	REPLACE FAUCETS-BATHTUB, PLAST	627080.	.01
0534114	REFINISH PANELED (PAINTED) INT	625088.	.01
0831131	CHECK AND ADJUST GAS COMPRESSO	623694.	.01
0415F34	REFN. WOOD FIN.(MULT.COAT)EXT.	623539.	.01
0811903	REPLACE FAUCETS - TERRAZO SHOW	621862.	.01
0434412	REPAIR METAL WINDOW GRATINGS 1	619532.	.01
0981411	REPAIR DUAL FIRED BOILER - 200	614914.	.01
0422121	REPL BRK GLAS-FUL GLAZ ALUM FR	610561.	.01
0434626	REFIN.REPLCD.ALUMIN.FRAME SCRE	609228.	.01
09A1E23	REPLACE HEAT PUMP - 10 TONS	609090.	.01
0991463	REPLACE CHILLER-CHILLER AIR CO	608957.	.01
0811C06	REPLACE SHOWER AND FITTINGS-AL	608541.	.01
0534225	REPLACE STEEL LOUVERED INTERIO	606152.	.01
0823103	REPL PUMP/MOTOR ASSEM, PARTIAL	603780.	.01
09A1113	PREV MAINT REPL FLTRS-MULTI ZO	602970.	.01
0431821	BRKN.GLS:RPLMNT.WOOD FRM(DBL)E	601126.	.01
0423114	REFINISH HOLLOWCORE (PNTD)EXTE	600752.	.01
0551102	REPAIR CLAY BRICK CHIMNEY - FI	597248.	.01
0571105	REPLACE WOOD RAILING - INTERIO	594751.	.01
0831111	CHECK AND ADJUST COMPRESSOR -	587627.	.01
09842A1	REPLACE PRESSURE REDUCER VALVE	581769.	.01
0432325	REPLACE WOOD FRAME FIX.EXT.WDW	581598.	.01

0625301	MINOR REPAIRS TO PLYWOOD FLOOR	580757.	.01
0561305	REPLACE TERRAZZO TRIM-INTERIOR	577473.	.01
0571204	REFINISH METAL RAILING - INTER	576191.	.01
0571104	REFINISH WOOD RAILING - INTERI	575224.	.01
0432125	REPLACE ALUMINUM FIXED EXT.WDW	572729.	.01
0422215	REPLACE WOOD FRAME (PAINTED) E	568228.	.01
1283302	REPLACE BATTERY, SECONDARY WET	564680.	.01
0636106	REFIN.REPLCD.ALUMINIUM PANEL C	561740.	.01
0415E15	REPLACE WOOD FIN(SINGLE.COAT)E	561601.	.01
0615705	REPLACE BOARD (FINISHED) WALL	560098.	.01
0462205	REPLACE WOOD STEPS EXTERIOR ST	560066.	.01
0431334	REFINISH WOOD FRM(PNTD)EXT.WDW	554518.	.01
0981321	REPAIR OIL BOILER - 2000 BTU	552252.	.01
0811005	REPAIR STRAINER - IRON ENAMEL	551170.	.01
0451102	REPAIR STONE CORNICE EXTERIOR	550346.	.01
0431211	BROKEN GLASS:REPLMNT.STEEL FRM	549186.	.01
0431622	REPAIR ALUMINUM(DOUBLE)EXT.WDW	546634.	.01
0431122	REPAIR ALUMINIUM EXTERIOR WND.	546110.	.01
0814102	INSTALL 10',SECTION-PIPE&F,STL	545768.	.01
0994281	REPACK DRAIN VALVE GLAND	545037.	.01
0311377	TOTAL ROOF REPLACE.-RIGID FIBE	542595.	.01
0943201	REPLACE BASEBORARD RADIATOR 10	539408.	.01
09A1E43	REPLACE HEAT PUMP 1T THRU-WALL	536849.	.01
1115102	PREV MAINT &INSEP-SWITCHGEAR,I	534190.	.01
0433225	REPLACE ALUMINUM LOUVER(FRAMED	530831.	.01
1122382	PREV MAINT & INSP CIR BRK FIXD	530618.	.01
0415C32	REPAIR STUCCO EXTERIOR WALL -3	527598.	.01
1221503	REPLACE HEAT DETECTOR	525051.	.01
062A101	MINOR REPAIRS TO LINOLEUM FLOO	524924.	.01
0811706	UNSTOP-BATH TUB, CAST IRON	524514.	.01
0431235	REPLACE STEEL FRM(PNTD)EXT.WDW	523905.	.01
0984133	REPLACE PIPE & FITTINGS,PVC	519716.	.01
0981323	PREV MAINT EXTER INSP-OIL BLR	519579.	.01
0833213	REPLACE PIPE AND FITTINGS, OXY	518734.	.01
0433132	REPAIR WOOD LOUVER IN FRAME 3R	518081.	.01
0433514	REFINISH ALUMINUM SHUTTER (FRM	517453.	.01
1131703	REPLACE LIGHTING FIXTURE-EXIT	516014.	.01
0431316	REFIN.RPLCD.WOOD FRM(PNTD)EXT.	515048.	.01
0984112	REPLACE HOT WATER PIPE, 12' SE	514921.	.01
0415T12	REPAIR ALUMINUM CORR PANELS-FI	514649.	.01
1273102	PREV MAINT INSP STANDARD SUSPE	511908.	.01
0612302	REPAIR CONCRETE BLOCK WALL FIN	511348.	.01
0431635	REPLACE ALUMINUM(DOUBLE)EXT.WD	510256.	.01
0634205	REPLACE PLASTIC CEILING FINISH	507275.	.01
0814103	REPLACE HOT WATER HEATER ELEC	503608.	.01
09A1921	REPAIR 2 PIPE FAN COIL UNIT -	503050.	.01
0984141	REPAIR BROKEN PIPE INSULATION	500156.	.01
0443204	REFINISH WOOD SUPPORTS EXTERIO	499410.	.01
0432621	BRKN.GLS:RPLMT.ALUM.FIX(DBL)EX	499322.	.01
0616202	REPAIR STEEL INT.FINISH(UNPNTD	497983.	.01
0994211	REPACK GATE VALVE GLAND, 3/8"	497978.	.01
0531312	REPAIR ALUMINUM (P & ANDZ)INTE	497231.	.01
09A1E42	PREVENT MAINT HEAT PUMP 1T	494946.	.01
0432611	BRKN.GLS:RPLMT.ALUM.FIX(DBL)EX	494473.	.01
0994122	REPLACE/ REPLACE CHILLED WATER	490187.	.01
1131702	REPAIR LAMPS EXIT LIGHT	484843.	.01
0421122	REPAIR ALUM (SFTY GLS) PL&EXT	484816.	.01
0572202	REPAIR WOOD STEPS -INTERIOR ST	484630.	.01
1221101	M/R CHECK AND REPAIR MANUAL PU	484296.	.01
0421225	REPLACE STEEL(SAFTY GLAS) PAIN	481829.	.01
0912102	REPLACE 10 FOOT SECTION-PIPE F	480100.	.01
0311342	NON-DESTSRUCT.MOISTURE INSPECT	478256.	.01
0942101	REPLACE RADIATOR VALVE - 1"	478236.	.01
0561103	REFIN.REPRED.WOOD TRIM-INTERIO	475896.	.01
0619205	REPLACE ACOUSTICAL TILE WALL F	474920.	.01
0991511	REPAIR HERMET CHILLER-WCH RECI	474698.	.01
0434612	REPAIR ALUMINUM FRAME SCREEN 1	474685.	.01
0434824	REFINISH WOOD FRAME SCREEN COV	473917.	.01
0311217	MEMBRANE REPLACEMENT OR REPAIR	472391.	.01
0415X14	REFIN FIBRGLAS PANELS - RIGID	471625.	.01
062A401	MINOR REPAIR VINYL SHEET FLOOR	470649.	.01
0534325	REPLACE METAL WALK-IN COOLER I	465732.	.01

0415A23	REFIN.REPAIRED CONCRETE EXT.WA	463793.	.01
1131623	REPLACE SODIUM FIXTURE, L.P. 2	463061.	.01
1131502	REPLACE LAMP, EMERGENCY LIGHT	462851.	.01
0415126	REFIN.REPLCD.ALUMINUM SIDING E	462129.	.01
1131421	MAINT &REPAIR,HID,METAL HALID	460452.	.01
0811G06	REPLACE SINK AND FITTINGS-PLAS	460293.	.01
1271002	PREV MAINT & INSP BASEBOARD HE	456463.	.01
0833113	REPLACE PIPE AND FITTINGS, ANE	455560.	.01
0431826	REFIN.REPLC.WOOD FRM(DBL)EXT.W	453580.	.01
0434424	REFINISH METAL WINDOW GRATING	451993.	.01
0415922	REPR.PNTD.CONCRETE BLOCK EXT.W	449166.	.01
09C1152	PREVENTIVE MAINT. EXHAUST FAN	448827.	.01
09C1162	PREVENT MAINT EXHAUST FAN 5000	446884.	.01
0432135	REPLACE ALUMINUM FIXED EXT.WDW	446068.	.01
0433234	REFINISH ALUMINUM LOUVER (FRMD	445899.	.01
0811B01	INSPECT/CLEAN SHOWER HEAD-PLAS	440519.	.01
0811E01	REPLACE FAUCET WASHER-ENAMELED	436678.	.01
0626101	MINOR REPAIRS TO STEEL FLOOR	436648.	.01
09A1D21	REPAIR UNIT HEATER - 1200 CFM	436438.	.01
0311332	NON-DESTRUCTIVE MOISTURE INSPE	435472.	.01
0811401	REPL WASHER IN SPUD CONNECT-LA	435434.	.01
0415X24	REFINISH FIBRGLAS PANELS RIGID	432801.	.01
0981122	PREV MAINT ANNUAL INSP-GAS BLR	432478.	.01
0811603	REPLACE SUPPORT RODS-ENAMELED	431767.	.01
1131701	REPAIR EXIT LIGHT	431595.	.01
0812202	REPLACE STRAINER-FL DRAIN, WIT	430444.	.01
0434814	REFINISH WOOD FRAME SCREEN COV	428299.	.01
0814C01	REPAIR STEAM LEAK-STERM CONVER	427603.	.01
0811702	REPLACE FAUCET WASHER-BATH TUB	423104.	.01
0994413	REPLACE CIRCULATION PUMP 1/12-	421992.	.01
0991B33	REPLACE AIR COOLED CONDENSER -	420666.	.01
0981114	PREV MAINT CLEAN FIREBX-GAS BL	417974.	.01
0415C33	REFIN.REPAIRED STUCCO EXT.WALL	415320.	.01
0415L13	REFIN.REPAIR.STEEL(PNTD)EXT.1S	415142.	.01
0991131	REPAIR A/C DX PACKAGED - 50 TO	414633.	.01
0534224	REFINISH STEEL LOUVER INTERIOR	414374.	.01
0981212	PREV MAINT ANNUAL - COAL BLR 4	413966.	.01
0415E25	REPLACE WOOD FIN(SINGLE COAT)E	411113.	.01
0415K12	REPAIR STEEL(SELF-COATING)EXT.	409848.	.01
0831123	REPLACE VACUUM PUMP	408768.	.01
0984463	PREV MAINT ON CONDENSATE RCVR,	407666.	.01
09E1161	PREVENT MAINT PRESSURE SENSOR	406468.	.01
0811403	REPLACE SUPPORT RODS-IRON, ENA	405587.	.01
1274001	MAINT & REPAIR DUCT HEATERS	401568.	.01
0831211	REPLACE RUBBER HOSE, COMPRESSE	401018.	.01
0991621	REPAIR CHILLER HERMETIC CENT 3	400888.	.01
0811601	REPLACE WASHER IN SPUD CONNECT	399761.	.01
0415912	REPR.PNTD.CONCR. BLOCK EXT.WAL	398796.	.01
0421135	REPLACE ALUM SLIDING EXT DOOR	398270.	.01
0432635	REPLACE ALUMINUM FIX(DBL)EXT.W	397492.	.01
0811J04	RESEAL BATHTUB, PLASTIC	397312.	.01
0814903	REPL 1 1/2HP PUMP/MOTOR ASSEMB	396989.	.01
0431312	REPAIR WOOD FRM.(PNT)OPER.WNDW	395616.	.01
0981612	PREV MAINT DAILY-ASH HANDLING	391833.	.01
0533234	REFINISH SOLID CORE(SAFETY)PAI	388356.	.01
0991C13	REPLACE COOLING TOWER - 50 TON	383515.	.01
0811C03	REPLACE FAUCETS - ALUMINUM SHO	382825.	.01
0415122	REPAIR ADOBE EXTERIOR WALL - 2	382394.	.01
0933103	REPLACE PIPE AND FITTINGS-STEE	382161.	.01
0415L33	REFIN.REPAIR STEEL(PAINTD)EXT.	381133.	.01
0991623	REPLACE CHILLER HERMET CENT 30	379044.	.01
1131412	REPLACE LAMP-HID,MERCURY VAPOR	376123.	.01
1261102	CHECK OPERATION - TIME CONTROL	375723.	.01
0615202	REPAIR PLYWOOD(UNFINISHED)WALL	373264.	.01
0533126	REFIN.REPLCD.HOLLOW CORE SLIDI	372924.	.01
0812102	UNCLOG MAIN DRAIN - PIPE & FIT	371845.	.01
0984461	REPAIR CONDENSATE RECEIVER, 10	368208.	.01
0981422	PREV MAINT ANN INSP-DL FIRED B	367865.	.01
0994283	REPLACE DRAIN VALVE	367097.	.01
09A1C51	REPAIR SINGLE ZONE DRAW THRU 1	366680.	.01
0984291	REPLACE RADIATOR VALVE 1"	366335.	.01
0434125	REPLACE ALUMINUM FRM.STORM WIN	366204.	.01

0534122	REPAIR LOUVERED (PAINTED) INTE	366065.	.01
0433232	REPAIR ALUMINUM LOUVER (FRAMED	365731.	.01
0981332	PREV MAINT ANNUAL INSP-OIL BLR	364716.	.01
0811C05	UNSTOP - ALUMINUM SHOWER	364449.	.01
0471105	REPLACE BRASS HINGE EXTERIOR H	362848.	.01
0434524	REFINISH METAL MESH WINDOW COV	357073.	.01
0432224	REFIN.STEEL FRAME FIX.EXT.WDW.	356514.	.01
0415923	RFN.RPR.PNTD.CONC.BLOCK EXT.WA	355668.	.01
0442402	REPAIR STEEL (METAL)UNPNT.RAIL	354218.	.01
0311317	TOTAL ROOF REPLACEMENT - SLATE	352230.	.01
0991531	REPAIR HERMET CHILLER WCH RECI	352066.	.01
09E1312	CHECK AND ADJUST-SIMPLEX AIR C	351510.	.01
0415F26	REFN. RPLCD.WOOD FIN.(MULT.COA	350590.	.01
0811904	RESEAL - TERRAZO SHOWER	350155.	.01
0424322	REPAIR STEEL LOUVERED EXT DOOR	349681.	.01
0431816	REFIN.REPLC.WOOD FRM(DBL)EXT.W	344692.	.01
1114203	REPLACE TRANSFORMER,DRY,AB 150	344545.	.01
0311323	REPAIR - CEMENT ASBESTOS ROOF	340485.	.01
0811E02	CLEAN TRAP - ENAMELED STEEL SI	340349.	.01
0415L23	REFIN,REPAIR.STEEL(PAINTD)EXT.	339904.	.01
0991533	REPLACE HERMET CHILLER WCH REC	338867.	.00
09A1743	PREV MAINT REPL FLTRS-2PIPE IN	337258.	.00
09A1742	PREV MAINT ANNUAL-2PIPE INDUCT	335205.	.00
0811G04	UNSTOP - PLASTIC SINK	335059.	.00
0473105	REPLACE BRASS CLOSER EXTERIOR	333976.	.00
1261103	REPLACE TIME CONTROL CLOCK	333090.	.00
0811A04	RESEAL - ENAMELED STEEL SHOWER	332912.	.00
0532112	REPAIR ALUM.FULL-GLASS FRM.INT	331848.	.00
0531322	REPAIR ALUMINUM(SAFETY GLS) IN	325389.	.00
09B2113	REPL FAN-FORCE DRAFT FAN 10,00	324198.	.00
0422214	REFINISH WOOD FRAME (PAINTED)	320295.	.00
0831142	REPAIR GAS COMPRESSOR > 15 HP	319971.	.00
0984282	REPLACE DRAIN VALVE STEM ASSEM	319284.	.00
0461202	REPAIR METAL RAILING EXTERIOR	319239.	.00
0434121	BRKN.GLS.RPLMT.ALUM.FRM.STORM	317364.	.00
0984421	REPAIR CIRCULATION PUMP - 5HP	314461.	.00
09A1943	PREV MAINT REPL FLTRS- 2PIPE F	313849.	.00
0434132	REPAIR ALUMINUM FRM.STORM WIND	310676.	.00
0991613	REPLACE CHILLER HERMETIC CENT	310222.	.00
0427304	REFINISH ALUM SINGLE ROLL-UP E	309602.	.00
0415L22	REPAIR STEEL(PAINTED)EXT.2ND F	305113.	.00
0615706	REFIN.REPLACED BOARD(FINISHED)	304591.	.00
0443205	REPLACE WOOD SUPPORTS EXTERIOR	304589.	.00
0984222	REPLACE GATE VALVE, 2"-3"	303811.	.00
1272202	PREV MAINT&INSP RADIANT SUSPEN	302404.	.00
0981413	PREV MAINT EXT INSP-DL FIRED B	302149.	.00
0615502	REPAIR PANEL (SOLID) WALL FINI	301953.	.00
0462204	REFINISH WOOD STAIRS EXTERIOR	301666.	.00
0811D01	REPLACE FAUCET WASHER -IRON EN	300443.	.00
0311413	MINOR REPAIRS - CONC,SEALED PA	300427.	.00
0431631	BRKN.GLS:REPLMNT.ALUM.(DBL)EXT	299026.	.00
0811J06	UNSTOP BATHTUB, PLASTIC	296399.	.00
0311313	REPAIRS - SLATE ROOF	296150.	.00
1221501	REPAIR HEAT DETECTOR	295662.	.00
1122311	MAINT & REPAIR CIRCUIT BREAKER	294505.	.00
09A1132	PREV MAINT ANNUAL- MULTI-ZONE	293762.	.00
1116201	MAINT &REPAIR TRANSFORMER, DRY	293485.	.00
0415A13	REFIN.REPAIRED CONCRETE EXT.WA	293279.	.00
1122341	REPAIR FAILED CIRCT BREAKER,FI	292377.	.00
0442205	REPLACE WOOD RAILING EXTERIOR	291993.	.00
0431221	BRKN.GLS:RPLMT.STL.FRM(PNTD)EX	291387.	.00
09A1154	REPLACE MULTI ZONE UNIT-2500 C	290683.	.00
0432311	BRKN.GLS:REPLMT.WOOD FRM.FIX.E	290467.	.00
09A1212	PREV MAINT ANNUAL - DUAL DUCT	290258.	.00
0619404	REFINISH ASBESTOS-ACOUST.RTD.T	288723.	.00
0991821	REPAIR CHILLER DOUBLE BUN HERM	288513.	.00
0415832	REPAIR CONCRETE BLOCK EXT.WALL	287522.	.00
0432121	BRKN.GLS:REPLMT.ALUM.FIX.EXT.W	286551.	.00
09A1122	PREV MAINT ANNUAL - MULTI-ZONE	285300.	.00
0991133	REPLACE A/C DX PACKAGED - 50 T	284522.	.00
0534124	REFINISH LOUVERED(PAINTED)INTE	283273.	.00
0443104	REFINISH CONCRETE SUPPORTS EXT	282649.	.00

0431132	REPAIR ALUMINUM EXTERIOR WDW.	282621.	.00
0432631	BRKN.GLS:REPLMT.ALUM.FIX(DBL)E	278770.	.00
1122423	REPLACE SAFETY SWITCH FUSED 2P	278226.	.00
0433515	REPLACE ALUMINUM SHUTTER (FRAM	278157.	.00
0626202	REPLACE METAL FLOOR GRATING	275930.	.00
0619405	REPLACE ASBESTOS-ACOUST.RATED	275289.	.00
0994421	REPAIR CIRCULATION PUMP 5 HP.	272945.	.00
1283202	REPLACE BATTERY, PRIMARY DRY	272676.	.00
1131621	MAINT & REPAIR,SODIUM FIXT L.P	270471.	.00
1113201	REPLACE FUSE	267712.	.00
0442202	REPAIR WOOD RAILING EXTERIOR P	267485.	.00
09A1942	PREV MAINT CLEAN COIL- 2 PIPE	267201.	.00
0415812	REPAIR CONCRETE BLOCK EXT.WALL	266774.	.00
0415314	REFIN.PNTD CLAY BRICK EXT.WALL	264855.	.00
0616302	REPAIR STEEL INT.FINISH(PNTD)W	263854.	.00
0534322	REPAIR METAL WALK-IN COOLER IN	262911.	.00
0415S12	REPAIR PORCELAIN EXT. PANELS 1	262311.	.00
0423225	REPLACE SOLID CORE SLIDING WOO	262130.	.00
09A1D11	REPAIR UNIT HEATER - 400 CFM	260062.	.00
09A1514	REPLACE VARIABLE VOLUME UNIT -	259269.	.00
0534233	REFIN.REPRO.WOOD LOUVER INTERI	258491.	.00
0981M21	REPAIR IND FURNACE GAS/OIL 20	258082.	.00
09A1123	PREV MAINT REPL FLTRS - MULTI-	257811.	.00
0991A23	REPLACE CHILLER 2 STAGE ABSORB	257686.	.00
0923102	REPLACE/INSTALL 10' SECTION-PI	254389.	.00
0415W15	REPLACE MASONITE PANELS - SEAL	253979.	.00
1273103	REPLACE STANDARD SUSPENDED HEA	253908.	.00
0434815	REPLACE WOOD FRAME SCREEN COVE	252890.	.00
0981102	REPLACE EXPANSION TANK	252521.	.00
0533226	REFIN.REPLCD.SOLID CORE SLIDIN	252394.	.00
0444202	REPAIR WOOD COLUMNS EXTERIOR P	251889.	.00
09A1D43	REPLACE UNIT HEATER 8000 CFM	251031.	.00
1113101	REPAIR SWITCHGEAR-MAIN PROTECT	249684.	.00
1211202	REPLACE TELEPHONE CABLE ,22 AW	249278.	.00
1141001	MAINT & REPAIR-ELECTIRCAL SERV	248111.	.00
0434635	REPLACE ALUMINUM FRAME SCREEN	246951.	.00
0981124	PREV MAINT CLEAN FIREBX-GAS BL	246821.	.00
1122381	MAINT & REPR CIRC BREAKER FIXD	246105.	.00
0615302	REPAIR TIMBER(FINISHED)WALL FI	244923.	.00
09A1133	PREV MAINT REPL FLTRS - MULTI-	244915.	.00
0811G03	REPLACE FAUCETS - PLASTIC SINK	244488.	.00
09B2112	PREVENT MAINT-FORCE DRAFT FAN	243968.	.00
1274002	PREV MAINT & INSP DUCT HEATERS	243296.	.00
1221403	REPLACE ANNUNCIATION PANEL	243043.	.00
0615903	REFINISH REPAIRED WAINSCOT WAL	242874.	.00
0415822	REPAIR CONCRETE BLOCK EXT.WALL	242377.	.00
0421232	REPAIR STEEL SLIDING PAINTED E	241380.	.00
0981125	PREV MAINT CLEAN TUBES-GAS BLR	241340.	.00
0421221	REPL BRK GLAS-STEEL(SAFTY GLAS	240796.	.00
0981813	REPLACE CHEMICAL FEEDER	239681.	.00
0432131	BRKN.GLS:REPLMT ALUM.FIX.EXT.W	239352.	.00
0984122	REPLACE HOT WATER PIPE, COPPER	238002.	.00
1117202	PREV MAINT &INSP SWITCHGEAR,IN	234926.	.00
0941201	REPAIR FLASH TANK, 24 GALLON	234169.	.00
0423236	REFIN REPL SOLID CORE(SFTY GLA	232692.	.00
0811D02	CLEAN TRAP-IRON ENAMEL SINK	232114.	.00
09A1E41	REPAIR HEAT PUMP 1T THRU-WALL	231715.	.00
0943101	REPLACE CAST IRON RADIATOR 10	231697.	.00
0811701	INSP/CLEAN SHOWER HEAD-BATH TU	231648.	.00
0521105	REPLACE STEEL INT. PARTITIONS	230879.	.00
09A1244	REPLACE DUAL DUCT UNIT - 50000	230563.	.00
1114102	PREV MAINT & INSP-TRANSFORMER,	229061.	.00
09A1634	REPLACE TERMINAL REHEAT UNIT -	228244.	.00
0425304	REFINISH WOOD EXT GATE	228068.	.00
0991F13	REPLACE FAN COIL UNIT-REFRIG F	227962.	.00
0981L02	REPLACE STORAGE TANK, DHW	227881.	.00
1273101	MAINT REPAIR STANDARD SUSPENDE	225862.	.00
0421125	REPLACE ALUM (SAFTY GLAS) PL &	225829.	.00
0811J02	REPLACE FAUCET WASHER-BATHTUB,	224685.	.00
0614102	REPAIR FORMICA WALL FINISH	223582.	.00
0415L32	REPAIR STEEL(PAINTED)EXT. 3RD	223418.	.00
09A1D31	REPAIR UNIT HEATER 4000 CFM	221519.	.00

0434622	REPAIR ALUMINUM FRAME SCREEN 2	221338.	.00
09A1213	PREV MAINT REPL FLTRS - DUAL D	220316.	.00
0311414	MINOR REPLACE - CONC, SEALED P	218114.	.00
1221402	PREV MAINT & INSP ANNUNCIATION	217353.	.00
0432316	REFIN.RPLC.WOOD FRM.FIX.EXT.WD	217317.	.00
09A1E31	REPAIR HEAT PUMP - 25 TONS	217250.	.00
0991211	REPAIR A/C WINDOW - 1 TON	216930.	.00
0433115	REPLACE WOOD LOUVER IN FRAME 1	216535.	.00
0532212	REPAIR WOOD FULL-GLS.FRAMED IN	216119.	.00
1116102	PREV MAINT&INSP-TRANSFORMER,LI	216006.	.00
0831152	REPLACE COMPRESSOR-COMPRESSED	214382.	.00
1122431	MAINT AND REPAIR SAFETY SWITCH	212671.	.00
0432215	REPLACE STEEL FRAME(PNTD)EXT.W	211257.	.00
0612102	REPAIR CLAY BLOCK WALL FINISH	210322.	.00
0422211	BROKEN GLASS:REPL.WOOD FRAME(P	208740.	.00
0991823	REPLACE CHILLER DOUBLE BUN HER	208176.	.00
0981123	PREV MAINT EXTER INSP-GAS BOIL	207982.	.00
0991F25	REPLACE FAN COIL-REFRIG FAN CO	207941.	.00
1115203	REPLACE SWITCHGEAR,INDOOR AB 6	206886.	.00
0427305	REPLACE ALUM SINGLE ROLL-UP EX	206805.	.00
0981M13	EXTERNAL INSP IND FURN GAS/OIL	206482.	.00
0531315	REPLACE ALUMINUM (P & ANDZ)INT	204933.	.00
09A1454	REPL DUAL DUCT VARI VOL UNIT 1	204764.	.00
0991611	REPAIR CHILLER HERMETIC CENT 1	203488.	.00
09A1152	PREVENT MAINT-MULTI ZONE 2500	203297.	.00
0615603	REFIN.REPAIRED PANEL(LAMINATED	202785.	.00
0991111	REPAIR A/C DX PACKAGED - 5 TON	202631.	.00
0431322	REPAIR WOOD FRM.(PNT)OPER.WNDW	201927.	.00
0432214	REFINISH STEEL FRAME(PNT)EXT.W	201166.	.00
0427204	REFN.STEEL FRM.DBL.(PND)EXT.DR	200626.	.00
09A1D42	PREVENT MAINT UNIT HEATER 8000	200596.	.00
0415932	REPR.PNTD.CONCR.BLOCK EXT.WALL	200407.	.00
0415E12	REPR. WOOD FIN.(SINGLE.COAT) E	199709.	.00
0433125	REPLACE WOOD LOUVER IN FRAME 2	199011.	.00
0434434	REFINISH METAL WINDOW GRATING	198976.	.00
0981214	PREV MAINT WEEKLY TOUR-COAL BL	198684.	.00
0991612	PREV MAINT - CHILLER HERMETIC	196695.	.00
0981335	PREV MAINT CLEAN BURNER-OIL BL	196622.	.00
09A1614	REPLACE TERMINAL REHEAT UNIT -	195968.	.00
0612902	REPAIR MASONITE INTERIOR WALL	195841.	.00
0415I32	REPAIR ALUMINUM SIDING EXT.3RD	192976.	.00
09A1624	REPLACE TERMINAL REHEAT UNIT -	190370.	.00
0981M12	MAINT INSPEC IND FURN GAS/OIL	189552.	.00
09A1E11	REPAIR HEAT PUMP - 5 TONS	188286.	.00
0994282	REPLACE DRAIN VALVE STEM ASSEM	188101.	.00
09843A2	REPLACE INSULATION - AIR SEPAR	187482.	.00
0552105	REPLACE WOOD MANTEL - FIREPLAC	186242.	.00
0811902	REPLACE FAUCET WASHER - TERRAZ	185928.	.00
0415F35	RPLC. WOOD FIN.(MULT.COAT)EXT.	185040.	.00
0941203	REPLACE FLASH TANK, 24 GALLON	183833.	.00
0991532	PREV MAINT-HERMET CHILLER WCH	183701.	.00
0532115	REPLACE ALUMIN. FULL-GLASS FRM	183656.	.00
0434825	REPLACE WOOD FRAME SCREEN COVE	183312.	.00
0572705	REPLACE RUBBER INTERIOR STAIR	180924.	.00
0615702	REPAIR BOARD (FINISHED) WALL F	179266.	.00
0814G03	REPLACE HEATER, G/O 8-120GPH R	179217.	.00
0442204	REFINISH WOOD RAILING EXTERIOR	178958.	.00
0615906	REFINISH REPLACED WAINSCOT WAL	178884.	.00
0415913	RFN.RPR.PNTD.CONCR.BLOCK EXT.W	177814.	.00
0571202	REPAIR METAL RAILING - INTERIO	176801.	.00
0561602	REPAIR RUBBER TRIM - INTERIOR	176335.	.00
0431231	BR.GLS:REPLMNT.STEEL FRM(PNTD)	175088.	.00
0991C23	REPLACE COOLING TOWER - 100 TO	173624.	.00
0811204	INSTLL GASKET IN SPUD CONNECT-	173616.	.00
0311325	FLASHING REPAIR - CEMENT ASBES	173330.	.00
1283102	REPLACE BATTERY, PRIMARY WET	173147.	.00
0415S22	REPAIR PORCELAIN EXT.PANELS 2N	173087.	.00
0811A02	REPLACE FAUCET WASHER - ENAMEL	172437.	.00
0615703	REFIN.REPAIRED BOARD(FINISHED)	171278.	.00
0424324	REFINISH STEEL LOUVERED EXT DO	170785.	.00
0991C12	PREV MAINT - COOLING TOWER 50	170318.	.00
1131501	MAINT & REPAIR EMERGENCY LIGHT	169612.	.00

0615802	REPAIR BOARD (UNFINISHED) WALL	169009.	.00
0415933	RFN.RPR.PNTD.CONC.BLOCK EXT.WA	168341.	.00
0981132	PREV MAINT ANNUAL INSP-GAS BLR	167677.	.00
0811C04	RESEAL - ALUMINUM SHOWER	165935.	.00
0415123	REFINISH REPAIRED ADOBE EXT.WA	165307.	.00
0991112	PREV MAINT - A/C DX PACKAGED 5	164982.	.00
09E1122	REPLACE HUMIDISTAT	164458.	.00
0311415	FLASHING REPAIR - CONC, SEALED	163815.	.00
09A1G12	REPLACE COIL-DUCTCOIL 1-ROW H.	163478.	.00
0531325	REPLACE ALUMIN.(SAFETY GLS)P&A	163394.	.00
0444103	REFINISH REPAIRED METAL COLUMN	163349.	.00
0433522	REPAIR ALUMINUM SHUTTER (FRAME	162730.	.00
0415514	REFN.PNT.CONCRETE BRICK EXT.WA	162519.	.00
0991553	REPLACE CHLLER-CHLLER WATER CO	162198.	.00
0984411	REPAIR CIRCULATION PUMP, < 1HP	161292.	.00
0533231	BRKN.GLS.RPLMT:SOLID CORE(SAFE	160991.	.00
0981J13	REPLACE STEAM CONVERTOR < 300,	160391.	.00
09A1522	PREV MAINT ANNUAL- VAR VOLUME	159414.	.00
0811K06	REPLACE LAVATORY, PLASTIC	159033.	.00
0612202	REPAIR CLAY BLOCK (PAINTED) WA	157951.	.00
062C002	REPLACE TERRAZZO FLOOR	157032.	.00
0991B32	PREV MAINT - AIR COOLED CONDEN	155515.	.00
0434324	REFINISH WOOD FRAME STORM WIND	155281.	.00
0424325	REPLACE STEEL LOUVERED EXT DOO	154391.	.00
0422111	BROKEN GLASS:REPLACEMENT ALUMI	154388.	.00
1272102	PREV MAINT&INSP WALL MOUNTD& R	154360.	.00
0637312	REPAIR SINGLE GLASS SKYLIGHT U	153822.	.00
0831141	CHECK AND ADJUST GAS COMPRESSO	152981.	.00
0423222	REPAIR SOLID CORE SLIDING WOOD	152391.	.00
1261101	MAINT & REPAIR TIME CONTR. CLO	150649.	.00
0616402	REPAIR WIRE MESH WALL FINISH	150368.	.00
0441103	REFINISH REPAIRED CONC.DECKING	148217.	.00
0431335	REPLACE WOOD FRM(PNTD)EXT.WDW.	148038.	.00
0994112	REPLACE/ REPLACE CHILLED WATER	147114.	.00
0415T32	REPAIR ALUMINUM CORR PANELS -	147112.	.00
0434116	REFIN.REPLCD.ALUM.FRM.STORM WI	146971.	.00
1122421	MAINT AND REPAIR SAFETY SWITCH	146526.	.00
0415E22	REPAIR WOOD FIN.(SINGLE.COAT)E	146250.	.00
0415P15	REPLACE ASBESTOS EXT.WALL 1ST	146094.	.00
0415I33	REFIN.REPRD.ALUMINUM SIDING EX	145484.	.00
0984412	PREV MAINT ON CIRCULATOR PUMP,	145088.	.00
0415I35	REPLACE ALUMINUM SIDING EXT.3R	144433.	.00
09A1E33	REPLACE HEAT PUMP - 25 TONS	144284.	.00
1272203	REPLACE HEATER,RADIANT SUSPEND	143891.	.00
1271003	REPLACE BASEBOARD HEATER	143232.	.00
09A1523	PREV MAINT REPL FLTRS-VAR VOL	143094.	.00
0311373	MINOR REPAIRS - RIGID FIBERGLA	142747.	.00
0431212	REPAIR STEEL FRM.(PNT)OPER.WND	142276.	.00
0612903	REFIN.REPRD.MASONITE INTERIOR	141767.	.00
0814A02	INSP/CHK 1/6HP PUMP/MOTOR OPER	140964.	.00
0311215	FLASHING REPAIRS MOD. BIT./ T	140027.	.00
0991C33	REPLACE COOLING TOWER - 300 TO	139992.	.00
0841303	REPLACE WATER SOFTENER	139178.	.00
0433216	REFIN REPLCED ALUM LOUVR IN FR	138686.	.00
0814M02	REPLACE HOT WATER STORAGE TANK	137864.	.00
0433135	REPLACE WOOD LOUVER IN FRAME 3	137118.	.00
0431812	REPAIR WOOD FRM.(DBL)EXT. WNDW	135832.	.00
0991C43	REPLACE COOLING TOWER - 900 TO	135745.	.00
0311327	TOTAL ROOF REPLACEMENT - CEMEN	135165.	.00
0534116	REFIN.REPLC.PANELED(PAINTED)IN	134525.	.00
0571102	REPAIR WOOD RAILING - INTERIOR	134407.	.00
0612602	REPAIR CONCRETE BRICK WALL FIN	134013.	.00
09A1234	REPLACE DUAL DUCT UNIT - 25000	133934.	.00
0991551	REPR HERMET CHLLER-CHILLR WAT	133068.	.00
09A1C11	REPAIR SINGLE ZONE DRAW-THRU -	132949.	.00
0462302	REPAIR METAL STEPS EXTERIOR ST	131432.	.00
09A1153	REPLACE FILTERS - MULTI-ZONE 2	130791.	.00
0415K22	REPAIR STEEL(SELF-COATING)EXT.	130108.	.00
0432334	REFINISH WOOD FRAME FIX.EXT.WD	129952.	.00
1274003	REPLACE DUCT HEATER	129622.	.00
0415U24	REFIN EXT GYP BRD - PAINTED 2N	129250.	.00
09A1C43	PREV MAINT REPL FLTRS-SINGLE Z	128851.	.00

1122392	PREV MAINT CIRC BREAKER FIXED	128161.	.00
0614705	REPLACE FABRIC INTERIOR WALL F	127661.	.00
0421216	REFIN. REPLACED STEEL (PAINT)	126976.	.00
0432112	REPAIR ALUMINUM FIX.EXT.WDW.1S	126177.	.00
0423224	REFIN SOLID CORE SLIDING WOOD	124698.	.00
0991843	REPLACE CONDENSR-AIR COOL COND	124254.	.00
09A1C42	PREV MAINT ANN-SINGLE Z DRAW T	123895.	.00
0433235	REPLACE ALUMINUM LOUVER (FRAME	123619.	.00
1122411	MAINT AND REPAIR SAFETY SWITCH	123015.	.00
0814F01	MINOR REPAIRS,ADJUST-HOT WTR H	122853.	.00
0534236	REFIN.REPLCD.WOOD LOUVERED INT	122068.	.00
1113103	REPLACE SWITCHGEAR 1200 AMP	121582.	.00
0811J01	INSPECT/CLEAN SHWR HEAD-BATHTU	121568.	.00
0415W12	REPAIR MASONITE PANELS - SEALE	121441.	.00
1272302	PREV MAINT INSP INFRARD SUSPEN	121421.	.00
0811K05	CLEAN OUT STRAINR & P TRAP, LA	121267.	.00
0443102	REPAIR CONCRETE SUPPORTS EXTER	119370.	.00
0991622	PREV MAINT - CHILLER HERMET CE	119213.	.00
1281422	PREV MAINT GENERATOR, GAS TURB	118806.	.00
0462304	REFINISH METAL STEPS EXTERIOR	118592.	.00
0813802	INSTALL NEW WATER METER	118156.	.00
0812403	REPLACE PIPE AND FITTINGS, PVC	118053.	.00
0813401	REPACK GLAND-VALVE, NON-DRAIN	117934.	.00
0461105	REPLACE WOOD RAILINGS EXTERIOR	117317.	.00
0991113	REPLACE A/C DX PACKAGED - 5 TO	116920.	.00
0461104	REFINISH WOOD RAILING EXTERIOR	116911.	.00
0991132	PREV MAINT - A/C DX PACKAGED 5	116563.	.00
0531331	BRKN.GLS.RPLMT:ALUMIN.SLIDING	116172.	.00
0311374	MINOR REPLACE - RIGID FIBERGLA	116161.	.00
1281102	PREV MAINT GENERATOR, GASOLINE	115449.	.00
0427202	REPR.STEEL FRM.DBL.(PNT)EXT.DR	114002.	.00
0434636	REFIN.REPLCD.ALUMIN.FRAME SCRE	113676.	.00
0434135	REPLACE ALUMINUM FRM.STORM WIN	113564.	.00
0434131	BRKN.GLS.RPLMT.ALUM.FRM.STORM	113399.	.00
0981811	REPAIR CHEMICAL FEED	113165.	.00
0814G02	CHECK OPERATION AND CLEAN, 8-1	112804.	.00
0552104	REFINISH WOOD MANTEL - FIREPLA	111808.	.00
0311321	DEBRIS REMOV.BY HAND+VIS.INSP.	111600.	.00
0981J11	REPAIR STEAM CONVERTOR < 300,0	111040.	.00
0431226	REFIN.RPLC.STEEL FRM(PNTD)EXT.	110896.	.00
0531212	REPAIR STEEL UNPAINTED INTERIO	108881.	.00
0991823	REPLACE AIR COOLED CONDENSER -	108413.	.00
0994222	REPLACE GATE VALVE, 2"-3"	108031.	.00
0433524	REFINISH ALUMINUM SHUTTER (FRM	107933.	.00
0991F33	REPLACE FAN UNIT-REFRIG FAN CO	107642.	.00
0311213	MINOR MEMBRANE REPAIRS - M.B./	107299.	.00
0814H02	CHECK OPERATION-HOT WATER HTR.	106755.	.00
09C1141	REPAIR EXHAUST FAN 25000 CFM	106289.	.00
0991C22	PREV MAINT - COOLING TOWER 100	106084.	.00
0311412	MOISTURE INSP NON-DEST CONC, S	105444.	.00
0532111	BRKN.GLS.RPLMT:ALUM.FULL-GLASS	104584.	.00
0991F12	PREVENT MAINT- REFRIG FAN COIL	104059.	.00
0991C11	REPAIR COOLING TOWER - 50 TONS	103300.	.00
0534113	REFINISH REPRD.PANELED INT.BI-	103177.	.00
0427605	REPLACE WOOD DOUBLE ROLL-UP EX	102401.	.00
0451202	REPAIR WOOD CORNICE EXTERIOR O	102139.	.00
1122413	REPLACE SAFETY SWITCH FUSED 1P	101983.	.00
0981331	REPAIR OIL BOILER - 10000 BTU	100451.	.00
0637322	REPAIR SKYLIGHT INTEGRATED W/S	100384.	.00
0424114	REFINISH METAL GRATED PAINTED	100185.	.00
0811G05	REPAIR STRAINER - PLASTIC SINK	100175.	.00
0415E23	REFIN.REPAIR.WOOD FIN.(SGL.COA	100137.	.00
0981M22	MAINT INSPC.IND FURN GAS/OIL 2	98766.	.00
09E1131	PREVENT MAINT WATER FLOW SENSO	98578.	.00
0991312	PREV MAINT - A/C PAD MOUNT. 5	98282.	.00
0981812	PREVENTIVE MAINT - CHEMICAL FE	97444.	.00
09A1E13	REPLACE HEAT PUMP - 5 TONS	97234.	.00
081 901	INSPECT/CLEAN SHOWER HEAD - TE	96599.	.00
0614802	REPAIR CARPETED INTERIOR WALL	96121.	.00
0462202	REPAIR WOOD STEPS EXTERIOR STA	96017.	.00
0415U14	REFIN EXT GYP BRD - PAINTED 1S	96008.	.00
0415T35	REPLACE ALUM CORR PANELS - 3RD	95721.	.00

0814802	INSP/CHK 1/2HP PUMP/MOTOR OPER	95181.	.00
09A1E12	PREV MAINT - HEAT PUMP 5 TONS	94921.	.00
0813501	REPACK GLAND- VALVE, NON-DRAIN	94873.	00
0432326	REFIN.RPLC.WOOD FRM.FIX.EXT.WD	94535.	.00
0812302	REPLACE STRAINER-FL DRAIN, WIT	94236.	.00
0432211	BRKN.GLS:RPLMT.STEEL FRM(PND)E	93762.	.00
1122361	REPAIR FAILED CIRC BREAKER M.C	93291.	.00
0427506	REFIN REPLACED WOOD SINGLE ROL	93124.	.00
0811C02	REPLACE FAUCET WASHER-ALUMINUM	92855.	.00
0572206	REFIN.REPLACED WOOD STEPS INTE	90948.	.00
0619302	REPAIR CORK TILE WALL FINISH	90529.	.00
0427205	REPLC.STEEL FRM.DBL(PND)EXT.DR	90469.	.00
0811A01	INSPECT/CLEAN SHOWER HEAD - EN	90407.	.00
0814801	REPAIR BROKEN PIPE INSULATION-	89899.	.00
0823102	INSP./CHK PUMP/MOTOR OPER.,CHK	88851.	.00
0415W22	REPAIR MASONITE PANELS - SEALE	88472.	.00
0441304	REFINISH METAL DECKING EXTERIO	88105.	.00
0561302	REPAIR TERRAZZO TRIM - INTERIO	87339.	.00
0415N12	REPAIR PLATE GLASS EXT.1ST FL	86957.	.00
0434126	REFIN.REPLCD.ALUM.FRM.STORM WI	86932.	.00
0991031	REPAIR EVAPORATIVE CONDENSER 3	86754.	.00
0615503	REFINISH REPAIRED PANEL(SOLID)	86739.	.00
0981M14	CLEAN FIRE BOX IND FURN GAS/OI	85229.	.00
0811G01	REPLACE FAUCET WASHER - PLASTI	85106.	.00
0991121	REPAIR A/C DX PACKAGED - 20 TO	84882.	.00
0432312	REPAIR WOOD FRAME FIX.EXT.WDW.	84108.	.00
0639304	REFINISH ASBESTOS-ACOUST.RTD.T	83784.	.00
0431236	REFN.RPLCD.STEEL FRM(PNTD)EXT.	83534.	.00
0423116	REFIN.REPLACED HOLLOW CORE (FN	83118.	.00
0811M03	REPLACE EYE WASH STATION-EMERG	83061.	.00
0991313	REPLACE A/C PAD MOUNT 5 TONS	83014.	.00
0981E33	REPLACE ELECT HOUSE FURNACE-20	82972.	.00
0433324	REFINISH STEEL LOUVER (FRAMED)	82688.	.00
0427602	REPAIR WOOD DOUBLE ROLL-UP EXT	82660.	.00
1143512	REPLACE LIGHTNING GROUNDING RO	82623.	.00
0991023	REPLACE EVAPORATIVE CONDENSER	82150.	.00
1118703	REPLACE BUSS DUCT,POWER & LIGH	81726.	.00
0639305	REPLC.ASBESTOS-ACOUST.FIRE RTD	81670.	.00
0434314	REFINISH WOOD FRAME STORM WIND	80967.	.00
0432321	BRKN.GLS:RPLMT.WOOD FRM.FIX.EX	80848.	.00
0981423	PREV MAINT EXT INSP-DL FIRED B	79957.	.00
0823101	OVERHAUL SUMP PUMP, REPL SEAL/	78940.	.00
0583105	REPLACE BRASS CLOSER - INTERIO	78825.	.00
0531122	REPAIR STEEL (SAFETY GLS)PNT.	78507.	.00
0615303	REFIN.REPAIRED TIMBER(FINISHED	78322.	.00
0994341	M/R REPAIR BROKEN PIPE INSULAT	78297.	.00
0427106	REFIN.REPLC.STEEL FRM.SINGLE(P	77921.	.00
0634405	REPLACE FORMICA CEILING FINISH	77540.	.00
0811K04	REPLACE FAUCETS, LAVATORY, PLA	77310.	.00
09816.3	PREV MAINT MONTHLY - ASH HANDL	77068.	.00
09A1813	REPLACE UNIT VENT - 400 CFM	76878.	.00
0991F22	PREVENT MAINT-REFRIG FAN COIL	76715.	.00
0415F32	REPR. WOOD FIN.(MULT.COAT) EXT	76692.	.00
0415324	REFIN. PNTD. CLAY BRICK EXT.WA	76176.	.00
0814401	REPACK GLAND - VALVE, NON DRAI	75713.	.00
0814902	INSP/CHK 1 1/2HP PUMP/MOTOR OP	75100.	.00
0434322	REPAIR WOOD FRAME STORM WINDOW	74999.	.00
0415E16	REFIN.REPLACED WOOD FIN(SGL.CO	74891.	.00
0415432	REPAIR CONCRETE BRICK EXT.WALL	74853.	.00
0984422	PREV MAINT - CIRCULATION PUMP	74794.	.00
0431822	REPAIR WOOD FRM.(DBL)EXT. WNDW	74505.	.00
0442104	REFINISH WROUGHT IRON RAILING	74422.	.00
09A1612	PREV MAINT ANNUAL - TERM REHEA	73750.	.00
0415412	REPAIR CONCRETE BRICK EXT. WAL	73222.	.00
0415X22	REPAIR FIBRGLAS PANELS RIGID 2	72647.	.00
0415E26	REFIN.REPLACE WOOD FIN(SGL. CO	71489.	.00
0421235	REPLACE STEEL SLIDING PAINTED	70765.	.00
0962103	REPLACE PIPE-PIPE/FITTINGS PVC	70023.	.00
09A1E32	PREV MAINT - HEAT PUMP 25 TONS	69938.	.00
0981333	PREV MAINT EXTER INSP-OIL BLR	69365.	.00
0634202	REPAIR PLASTIC CEILING FINISH	69193.	.00
0813502	INSTALL NEW VALVE - NON-DRAIN	69060.	.00

0991822	PREV MAINT-CHILLER DOUBLE BUN	68957.	.00
0614305	REPLACE POLYESTER WALL FINISH	68766.	.00
0311322	NON-DESTRUCT.MOISTURE INSPECT.	68691.	.00
0814J01	DRAIN & FLUSH HOT WATER HTR.EL	68109.	.00
0531136	REFIN.REPLCD.STEEL SLIDING PNT	67359.	.00
0415E13	REFIN.REPAIR WOOD FIN(SINGLE C	67334.	.00
0994133	REPLACE PIPE AND FITTINGS, PVC	67058.	.00
0811L03	REPLACE SHOWER-EMERGENCY SHOWE	67047.	.00
0415P12	REPAIR ASBESTOS EXT. WALL 1ST	67025.	.00
1272101	MAINT &REPAIR WALL MOUNTD &REC	66777.	.00
0991123	REPLACE A/C DX PACKAGED - 20 T	66545.	.00
0616505	REPLACE LEAD-LINED INTERIOR WA	66478.	.00
1272103	REPLACE HEATER,WALL MOUNTD& RE	66439.	.00
0991B12	PREV MAINT - AIR COOLED CONDEN	65819.	.00
0415P32	REPAIR ASBESTOS EXT.WALL 3RD F	65569.	.00
0432225	REPLC.STEEL FRAME FIX EXT.WDW.	65425.	.00
0991122	PREV MAINT - A/C DX PACKAGED 2	65395.	.00
0415X23	REFIN REPRD.FIBRGLAS PANEL RGD	65060.	.00
0534312	REPAIR STEEL VAULT INTERIOR DO	64769.	.00
0994422	PREVENTIVE MAINT.CIRC.PUMP 5HP	64756.	.00
0814502	INSTALL NEW VALVE, NON DRAIN 4	64723.	.00
09A1512	PREV MAINT ANNUAL-VAR VOLUME 6	64367.	.00
0532211	BRK.GLS.RPLMT:WOOD FULL-GLS.FR	63999.	.00
0415422	REPAIR CONCRETE BRICK EXT.WALL	62929.	.00
09A1941	REPAIR 2 PIPE FAN COIL UNIT -	62384.	.00
0427604	REFINISH WOOD DOUBLE ROLL-UP E	61781.	.00
1281503	REPLACE TRANSFER SWITCH	61167.	.00
0431222	REPAIR STEEL FRM.(PNT)OPER.WND	61004.	.00
0415F33	REFN. RPRD.WOOD FIN.(MULT.COAT	60761.	.00
0534126	REFIN.REPLC.LOVERED(PAINTED)IN	60522.	.00
0991221	REPAIR A/C WINDOW - 2 TONS	60327.	.00
0991B31	REPAIR AIR COOLED CONDENSER -	60235.	.00
09E1162	REPLACE PRESSURE SENSOR	60109.	.00
0434826	REFIN.REPLCD.WOOD FRAME SCREEN	59862.	.00
0811G02	CLEAN TRAP - PLASTIC SINK	59725.	.00
1116202	PREV MAINT &INSP TRANSFORMER,D	59443.	.00
0991C32	PREV MAINT - COOLING TOWER 300	59373.	.00
0415R14	REFINISH SYNTH.VENEER EXT.1ST	59203.	.00
0311211	DEBRIS REMOVAL-HAND & VIS.INSP	58785.	.00
0991D32	PREV MAINT - EVAPORATIVE CONDE	58750.	.00
1122391	MAINT & REPR CIRC BREAKER FIXD	58252.	.00
0451203	REFINISH REPAIRED WOOD CORNICE	57982.	.00
09A1613	PREV MAINT REPL FLTRS - TERM R	57928.	.00
0415P22	REPAIR ASBESTOS EXT.WALL 2ND F	57130.	.00
0991D22	PREV MAINT - EVAPORATIVE CONDE	57118.	.00
0441202	REPAIR WOOD DECKING EXTERIOR P	56839.	.00
1271001	MAINT & REPAIR BASEBOARD HEATE	56644.	.00
1123703	REPLACE MOTOR STARTER, 601-15,	56559.	.00
1122312	PREV MAINT&INSP CIRCUIT BREAKE	56508.	.00
0984462	REPAIR CONDENSATE RECEIVER,HOT	56475.	.00
0415312	REPAIR PNTD CLAY BRICK EXT.WAL	56451.	.00
0814L02	CHECK OPER. HOT WATER HEAT ELE	55952.	.00
0433226	REFINISH REPLACED ALUMIN.LOUVE	55541.	.00
09A1B12	PREV MAINT - UNIT VENT 400 CFM	55472.	.00
0981134	PREV MAINT CLEAN FIREBX-GAS BL	55219.	.00
09A1142	PREV MAINT ANNUAL - MULTI-ZONE	54899.	.00
09A1143	PREV MAINT REPL FLTRS - MULTI-	54827.	.00
0619202	REPAIR ACOUSTICAL TILE WALL FI	54812.	.00
0981M24	CLN FIRE BOX & COMP IND FURN G	54470.	.00
0531116	REFIN.REPLCD. STEEL PAINTED IN	54417.	.00
0433126	REFIN REPLACD WD LOUVER IN FRA	54205.	.00
0615306	REFIN.REPLACED TIMBER(FINISHED	53431.	.00
0434724	REFINISH STEEL FRAME SCREEN CO	53413.	.00
0432335	REPLACE WOOD FRAME FIX.EXT.WDW	52472.	.00
09A1314	REPLACE 3DECK MULTI-ZONE UNIT	52389.	.00
0434816	REFIN.REPLCD.WOOD FRAME SCREEN	52354.	.00
0532215	REPLACE WOOD FULL-GLS.FRAMED I	52253.	.00
0432622	REPAIR ALUMINUM FIX(DBL)EXT.WD	52215.	.00
1221401	M/R MINOR REPAIRS TO ANNUNCIAT	52066.	.00
0421332	REPAIR STEEL SLIDING PAINTED E	52020.	.00
0984111	M/R, REPAIR HOT WATER PIPE	51977.	.00
0415S15	REPLACE PORCELAIN EXT.PANELS 1	51636.	.00

0991B22	PREV MAINT - AIR COOLED CONDEN	51559.	.00
09A1622	PREV MAINT ANNUAL - TERM REHEA	51434.	.00
0586105	REPLACE METAL EXITBOLT-INTERIO	51269.	.00
0813803	REPLACE 1/6HP PUMP/MOTOR ASSEM	50561.	.00
0432612	REPAIR ALUMINUM FIX(DBL)EXT.WD	50402.	.00
0431216	REFIN.REPLCD.STEEL FRM.(PNTD)W	50127.	.00
1282102	PREV MAINT &INSP STATIC CHARGE	49885.	.00
0415F36	REFN. RPLCD.WOOD FIN.(MULT.COA	49612.	.00
0443202	REPAIR WOOD SUPPORTS EXTERIOR	49594.	.00
0811C01	INSPECT/CLEAN SHOWER HEAD-ALUM	49402.	.00
0433322	REPAIR STEEL LOUVER (FRAME) 2N	49044.	.00
0431336	REFIN.REPLCD.WOOD FRM(PNT)EXT.	48947.	.00
0441305	REPLACE METAL DECKING EXTERIOR	48869.	.00
0813201	RESOLDER JOINT-PIPE & FITTINGS	48839.	.00
0415W25	REPLACE MASONITE PANELS - SEAL	48628.	.00
0415S25	REPLACE PORCELAIN EXT. PANELS	48607.	.00
0443206	REFINISH REPLACED WOOD SUPPT.E	48518.	.00
0622101	MINOR REPAIRS TO CERAMIC TILE	48317.	.00
09A1513	PREV MAINT REPL FLTRS-VAR VOL	48068.	.00
0425303	REFINISH REPAIRED WOODEN EXT G	47905.	.00
0311214	REPAIR MOD. BITUMINOUS / THER	47155.	.00
0311324	MINOR REPLACEMENT - CEMENT ASB	46922.	.00
0425306	REFIN REPLACED WOOD EXT GATE	46857.	.00
0981133	PREV MAINT EXTER INSP-GAS GLR	46682.	.00
0981M23	EXTERNAL INSP IND FURN GAS/OIL	46667.	.00
0444203	REFINISH REPAIRED WOOD COLUMN	46606.	.00
0415I36	REFIN.REPLCD.ALUMINUM SIDING E	46604.	.00
0432122	REPAIR ALUMINUM FIX.EXT.WDW.2N	46534.	.00
0434325	REPLACE WOOD FRAME STORM WINDO	46494.	.00
09A1623	PREV MAINT REPL FLTRS - TERM R	46424.	.00
1131622	REPLACE LAMP,SODIUM FIXT L.P.	46124.	.00
0421322	REPAIR STEEL(SAFTY GLAS) UNPNT	45944.	.00
0476105	REPLACE METAL EXITBOLT EXTERIO	45776.	.00
0421121	REPL BRK GLAS-ALUM(SAFTY GLS)	45436.	.00
09A1C61	REPAIR SINGLE ZONE DRAW THRU 2	45048.	.00
0441302	REPAIR METAL DECKING EXTERIOR	44852.	.00
0434714	REFINISH STEEL FRAME SCREEN CV	44181.	.00
0421234	REFIN STEEL SLIDING PAINTED EX	43687.	.00
0434312	REPAIR WOOD FRAME STORM WINDOW	43582.	.00
0631402	REPAIR STUCCO INTERIOR CEILING	43233.	.00
09A1B23	REPLACE UNIT VENT - 1200 CFM	43233.	.00
0534332	REPAIR LEAD-LINED(WOOD)MEDICAL	43058.	.00
0831153	CHECK OPERATION-COMPRESSED AIR	42445.	.00
0813701	REFILL EXPANSION CHAMBER	42254.	.00
0551402	REPAIR METAL PIPE CHIMNEY - FI	42197.	.00
0415E34	REFIN WOOD FIN(SINGLE COAT)EXT	42155.	.00
0611402	REPAIR STUCCO INTERIOR WALL FI	42154.	.00
0433136	REFIN REPLACD WD LOUVER IN FRA	42139.	.00
09C1161	REPAIR FAN, EXHAUST FAN 5000 C	41495.	.00
0991B13	REPLACE AIR COOLED CONDENSER -	41483.	.00
0432132	REPAIR ALUMINUM FIXED EXT.WDW.	41360.	.00
0434315	REPLACE WOOD FRAME STORM WINDO	41319.	.00
1122441	REPLACE LOW VOLTAGE CARTRIDGE	41032.	.00
1281202	PREV MAINT GENERATOR, DIESEL	41014.	.00
0432221	BRKN.GLS:RPLMT.STEEL FRM.FIX.E	40949.	.00
0991552	PREVENT MAINT-CHLLER WATER COO	40907.	.00
0415J35	REPLACE ALUMINUM SIDING(ANDZ)E	40672.	.00
0533236	REFIN.REPLCD.SOLID CORE(SAFETY	40601.	.00
0434422	REPAIR METAL WINDOW GRATING 2N	40502.	.00
0616303	REFIN.REPRD.STEEL INT.FIN(PNTD	40490.	.00
0474105	REPLACE BRASS DEADBOLT EXTERIO	40236.	.00
0433116	REFIN REPLACD WOOD LOUVR IN FR	40235.	.00
0814A01	OVERHAUL 1/6HP PUMP, REPL SEAL	40043.	.00
0814501	REPACK GLAND -VALVE NON DRAIN	39856.	.00
0431331	BRKN GLS:RPLMNT.WOOD FRM(PNT)E	39203.	.00
0814003	REPLACE PUMP/MOTOR ASSEMBLY >	38718.	.00
09C1213	REPLACE UNIT-AIR CURTAIN, 1000	38684.	.00
1272201	MAINT & REPAIR RADIANT SUSPEND	38481.	.00
1272303	REPLACE HEATER,INFRARD SUSPEND	38062.	.00
0431232	REPAIR STEEL FRM.(PNT)OPER.WND	37803.	.00
0813801	OVERHAUL WATER METER	37754.	.00
1211201	REPAIR TELEPHONE CABLE ,22 AWG	37707.	.00

09A1C21	REPAIR SINGLE ZONE DRAW-THRU -	37017.	.00
09A1D41	REPAIR UNIT HEATER 8000 CFM	37016.	.00
0431632	REPAIR ALUMINUM(DOUBLE)EXT.WDW	36704.	.00
0421312	REPAIR STEEL (UNPAINTED) EXTER	36666.	.00
0991C42	PREV MAINT - COOLING TOWER 900	36655.	.00
0434136	REFIN.REPLCD.ALUM.FRM.STORM WI	36424.	.00
0811K02	REPL WASHR IN FAUCET, LAVATORY	35940.	.00
0424214	REFINSH METAL WIRE MESH PAINTE	35772.	.00
0571106	REFIN.REPLC.WOOD RAILING INTER	35593.	.00
0433525	REPLACE ALUMINUM SHUTTER (FRAM	35571.	.00
0534223	REFIN.REPRD.STEEL LOUVER INTER	34957.	.00
0991F32	PREVENT MAINT-REFRIG FAN COIL	34921.	.00
1145002	REPLACE SPECIAL GROUND SYSTEM	34683.	.00
09A1632	PREV MAINT ANNUAL - TERM REHEA	34263.	.00
0994411	REPAIR CIRC. PUMP	33924.	.00
0415R24	REFINISH SYNTH.VENEER EXT.2ND	33881.	.00
0814C02	INSEPCT FOR LEAKS-STEAM CONVER	33572.	.00
0981B12	REPLACE BOILER BLOWOFF SYSTEM	33433.	.00
0619206	REFIN.REPLACED ACOUSTICAL TILE	33416.	.00
1272301	MAINT&REPAIR INFRARD SUSPEND,	33112.	.00
0933102	REPLACE 10'SECTION-PIPE/FIT $	33030.	.00
0981E32	PREV MAINT - ELECT HOUSE FURNA	32877.	.00
0311212	MOISTURE INSPECTION - M.B. /TH	32567.	.00
0991B41	REPAIR CONDENSR-AIR COOL CONDE	32407.	.00
0432632	REPAIR ALUMINUM FIX(DBL)EXT.WD	32237.	.00
0531321	BRKN.GLS.RPLMT:ALUMIN.(SAFE.GL	32110.	.00
0415X12	REPAIR FIBERGLAS PANELS - 1ST	31982.	.00
1145001	MAINT & REPAIR SPECIAL GROUND	31894.	.00
0991A22	PREV MAINT-CHILLER 2 STAGE ABS	31874.	.00
1113102	PREV MAINT & INS-SWITCHGEAR,MA	31721.	.00
0415P25	REPLACE ASBESTOS EXT.WALL 2ND	31683.	.00
0619402	REPAIR ASBESTOS-ACOUSTICAL FIR	31500.	.00
0981E31	REPAIR ELECT HOUSE FURNACE - 2	31368.	.00
0994412	PREV MAINT ON CIRC PUMP, 1/12-	31146.	.00
0415S12	REPR.PNTD.CONCRETE BRICK EXT.W	31144.	.00
09C2101	REPLACE METAL FLUE	30670.	.00
062A301	MINOR REPAIRS TO RUBBER TILE F	30618.	.00
0421226	REFIN REPLACED STL(SAFTY GLAS)	30469.	.00
09A1C31	REPAIR SINGLE ZONE DRAW THRU -	29796.	.00
09A1633	PREV MAINT REPL FLTRS -TERM RE	29408.	.00
0991B21	REPAIR AIR COOLED CONDENSER -	29347.	.00
0572203	REFIN.REPAIRED WOOD STEPS INTE	29037.	.00
09A1453	REPL FILTERS DUAL DUCT VAR VOL	28971.	.00
0415P35	REPLACE ASBESTOS EXT.WALL 3RD+	28892.	.00
0532214	REFINISH WOOD FULL-GLS.FRM.INT	28871.	.00
0632405	REPLACE CERAMIC (TILE) CEILING	28705.	.00
1123701	MAINT & REPAIR MOTOR STARTER,6	28670.	.00
0415N22	REPAIR PLATE GLASS EXT. 2ND FL	28627.	.00
0991B11	REPAIR AIR COOLED CONDENSER 5	28431.	.00
0552102	REPAIR WOOD MANTEL - FIREPLACE	28413.	.00
0531124	REFINISH STEEL (SAFETY GLS) PN	28384.	.00
0434632	REPAIR ALUMINUM FRAME SCREEN C	28251.	.00
062C001	MINOR REPAIRS TO TERRAZZO FLOO	27962.	.00
0415J32	REPAIR ALUMINUM SIDING(ANDZ)EX	27679.	.00
0981K11	REPAIR FLASH TANK	27199.	.00
0941102	INSPECT FOR LEAKS STEAM CONVT	27152.	.00
0424332	REPAIR WOOD LOUVERED EXT DOOR	27141.	.00
0612203	REFIN.REPAIR.CLAY BLOCK(PAINTD	27050.	.00
0421131	REPLACE BRK GLAS ALUM SLIDING	27045.	.00
0814B01	OVERHAUL 1/2HP PUMP, REPL SEAL	26951.	.00
1281501	MAINT & REPAIR TRANSFER SWITCH	26553.	.00
0522102	REPAIR FABRIC INT. PARTITIONS	26521.	.00
0415S34	REFIN.PNTD.CONC.BRICK EXT.WALL	26200.	.00
0461102	REPAIR WOOD RAILINGS EXTERIOR	26176.	.00
0912202	REPLACE PRESSURE REDUCING VALV	25892.	.00
09A1B22	PREV MAINT - UNIT VENT 1200 CF	25602.	.00
0991F21	REPAIR FAN COIL UNIT-REFRIG FA	25596.	.00
1123702	PREV MAINT&INSP MOTOR STARTER,	25290.	.00
0831121	OVERHAUL VACUUM PUMP	25236.	.00
0311375	FLASHING REPAIR -RIGID FIBERGL	25218.	.00
0813901	REPAIR BROKEN PIPE INSULATION-	24848.	.00
0531215	REPLACE STEEL UNPAINTED INTERI	24658.	.00

1115201	MAINT & REPAIR, SWITCHGEAR,IND	24434.	.00
0813C03	REPLACE 1/2HP PUMP/MOTOR ASSEM	24361.	.00
0572602	REPAIR CARPETED STEPS INTERIOR	24213.	.00
0831151	RECHARGE SYSTEM-CONPRESSED AIR	24084.	.00
0421335	REPLACE STEEL SLIDING UNPNT EX	23919.	.00
0434321	BRKN.GLS.RPLMT:WOOD FRM.STORM	23811.	.00
0991842	PREVENT MAINT-AIR COOL CONDENS	23664.	.00
0620101	MINOR REPAIR TO BITUMINOUS FLO	23611.	.00
0981611	REPAIR ASH HANDLING SYSTEM	23559.	.00
09A1111	REPAIR MULTI-ZONE UNIT, 6500 C	23549.	.00
0991A21	REPAIR CHILLER 2 STAGE ABSORBE	23338.	.00
0311312	NON-DESTRUCTIVE MOISTURE INSPE	23166.	.00
0991F11	REPAIR FAN COIL UNIT-REFRIG FA	23115.	.00
0619504	REFINISH FIBERGLAS PANEL INTER	23041.	.00
0425202	REPAIR STEEL EXT GATE (WALK &	22894.	.00
1122451	REPLACE PLUG FUSE	22870.	.00
0831122	CHECK OPERATION, VACUUM PUMP	22594.	.00
1281302	PREV MAINT GENERATOR, VAPOR GA	22405.	.00
0984221	REPACK GATE VALVE GLAND, 2"-3"	22375.	.00
0422216	REFIN. REPLACED WOOD FRAME(PNT	22132.	.00
0531125	REPLACE STEEL (W/SAFETY GLS)PN	22118.	.00
0616403	REFINISH REPAIRED WIRE MESH WA	22003.	.00
0814201	RESOLDER JOINT-PIPE&FITTINGS,	21956.	.00
09C1151	REPAIR EXHAUST FAN 50000 CFM	21912.	.00
0981135	PREV MAINT CLEAN TUBES-GAS BLR	21508.	.00
0991F31	REPAIR FAN COIL UNIT-REFRIG FA	21417.	.00
0422225	REPLACE-FUL GLZED WD FAME SLID	21162.	.00
0622302	REPLACE BRICK FLOORING	21158.	.00
0433516	REFIN.REPLCD.ALUMIN.SHUTTER (F	21042.	.00
0991C31	REPAIR COOLING TOWER - 300 TON	20735.	.00
0991C21	REPAIR COOLING TOWER - 100 TON	20660.	.00
0981K13	REPLACE FLASH TANK	20610.	.00
0814901	OVERHAUL 1 1/2HP PUMP,REPL SEA	20218.	.00
1282101	MAINT & REPAIR STATIC CHARGER,	20171.	.00
0814701	REFILL EXPANSION CHAMBER	20166.	.00
09A1452	PREV MAINT-DUAL DUCT VARI VOL	19803.	.00
0415524	REFIN.PNTD.CONCR. BRICK EXT.WA	19671.	.00
09A1232	PREV MAINT ANNUAL - DUAL DUCT	19483.	.00
0432212	REPAIR STEEL FRAME(PNT)EXT.WDW	19480.	.00
0619406	REFIN.REPLCD.ASBESTOS-ACOUST.R	19324.	.00
0415X13	REFIN REPAIRED FIBRGLAS PNLS R	19311.	.00
0991E02	REPLACE/ REPLACE EXPANSION TAN	19242.	.00
1281502	PREV MAINT TRANSFER SWITCH	19082.	.00
0561204	REFINISH METAL TRIM - INTERIOR	18994.	.00
0923101	RESOLDER JOINT PIPE/FITTINGS,	18944.	.00
0462206	REFINISH REPLACE WOOD STEPS EX	18604.	.00
0415K32	REPAIR STEEL(SELF-COATING)EXT.	18543.	.00
0433236	REFINISH REPLACED ALUMIN.LOUVE	18371.	.00
0984121	REPAIR SOLDER JOINT-PIPE/FITTI	18347.	.00
0431715	REPLACE STEEL FRAME(DBL)EXT.WD	18244.	.00
0415322	REPAIR PNTD CLAY BRICK EXT.WAL	17958.	.00
09A1243	PREV MAINT REPL FLTRS - DUAL D	17942.	.00
0534335	REPLACE LEAD-LINED (WOOD)MEDIC	17899.	.00
0432322	REPAIR WOOD FRAME FIXED EXT.WD	17462.	.00
0814G01	OVERHAUL HOT WATER HEATER 8-12	17460.	.00
0991D12	PREV MAINT EVAPORATIVE CONDENS	17407.	.00
0427306	REFIN REPLACED ALUM SINGLE ROL	17300.	.00
0475105	REPLACE BRASS WEATHERSTRIPPING	17287.	.00
0991D13	REPLACE EVAPORATIVE CONDENSER	17224.	.00
09A1242	PREV MAINT ANNUAL - 50000 CFM	17131.	.00
0422222	REPAIR-FUL GLAZ WD FRAME SLIDI	17124.	.00
09A1741	REPAIR 2 PIPE INDUCTION UNIT -	17079.	.00
0534123	REFINISH REPRD.LOUVERED INT.BI	17054.	.00
1282103	REPLACE STATIC CHARGER, BATTER	17027.	.00
0443304	REFINISH CLAY BRICK SUPPORTS E	16888.	.00
09D5102	PREV MAINT CLEANING-RM HUMIDIF	16652.	.00
0415U22	REPAIR EXT GYP BRD - PAINTED 2	16610.	.00
1119102	REPLACE METER, DARSONVAL GALVA	16509.	.00
0442102	REPAIR WROUGHT IRON RAILING EX	16457.	.00
0622201	MINOR REPAIRS TO QUARRY TILE F	16271.	.00
0639105	REPLACE SPEC.PURP.ACOUSTIC.TIL	16073.	.00
0814I01	DRAIN AND FLUSH HOT WATER HTR.	16073.	.00

0534226	REFIN.REPLCD.STEEL LOUVER INTE	16044.	.00
09A1233	PREV MAINT REPL FLTRS - DUAL D	15729.	.00
0443404	REFINISH STEEL(METAL) EXT. POR	15693.	.00
0814K01	DRAIN &FLUSH HOT WATER HTR.ELE	15684.	.00
0434311	BRKN.GLS.RPLMT.WOOD FRM.STORM	15579.	.00
0534212	REPAIR ALUMINUM LOUVERD INTERI	15575.	.00
0631403	REFIN.REPRD. STUCCO INTERIOR C	15265.	.00
0424312	REPAIR ALUM LOUVERED EXT DOOR	15132.	.00
0617202	REPAIR PLATE GLASS WALL FINISH	15090.	.00
0611403	REFIN.REPRD.STUCCO INTERIOR WA	14789.	.00
0424335	REPLACE WOOD LOUVERED EXT DOOR	14758.	.00
0432226	REFIN.RPLC.STEEL FRM.FIX.EXT.W	14739.	.00
09B2121	REPAIR FAN-IND DRAFT FAN 10,00	14578.	.00
0421325	REPLACE STEEL(SAFTY GLAS) UNPN	14333.	.00
0311314	MINOR TILE REPLACEMENT - SLATE	14311.	.00
0423226	REFIN REPLACED SOLID CORE SLID	14230.	.00
0433123	REFIN REPLCED WD LOUVER IN FRA	14192.	.00
0415313	REFIN.REPAIR.PNTD CLAY BRICK E	14190.	.00
0311372	MOISTURE INSP. NON-DEST.-RIGID	14183.	.00
0415U23	REFIN.REPARED EXT GYP BRD-PAIN	14108.	.00
0905103	REPLACE ROOM HUMIDIFIER, FLOOR	14086.	.00
0531232	REPAIR STEEL SLIDING UNPNTD. I	14078.	.00
0415334	REFIN. PNTD.CLAY BRICK EXT.WAL	13943.	.00
09E1132	REPLACE FLOW SENSOR	13695.	.00
0415U15	REPLACE EXT GYP BRD - PAINTED	13691.	.00
1122342	PREV MAINT&INSP CIRCT BRKER, F	13566.	.00
0994121	M/R, REPAIR SOLDER JOINT	13504.	.00
09A1312	PREV MAINT ANNUAL- 3-DECK MULT	13488.	.00
0415U25	REPLACE EXT GYP BRD - PAINTED	13226.	.00
1282201	MAINT & REPAIR MOTOR GENERATOR	13201.	.00
0614205	REPLACE NYLON WALL FINISH	13141.	.00
0425205	REPLACE STEEL EXT GATE (WALK &	13123.	.00
0994111	M/R, REPAIR CHILLED WATER PIPE	13087.	.00
0424112	REPAIR METAL GRATED PAINTED EX	13070.	.00
0614702	REPAIR FABRIC INTERIOR WALL FI	12953.	.00
09E1141	PREVENT MAINT RADIATION SENSOR	12809.	.00
0832313	REPL METAL PIPE & FITTINGS-IND	12663.	.00
0434326	REFIN.REPLCD. WOOD FRM.STORM W	12646.	.00
09C1212	PREVENT MAINT-AIR CURTAIN, 100	12426.	.00
0424315	REPLACE ALUM LOUVERED EXT DOOR	12375.	.00
0572302	REPAIR METAL STEPS - INTERIOR	12305.	.00
0424323	REFIN REPAIRED STEEL LOUVERED	12225.	.00
0433213	REFIN REPRAIRD ALUM LOUV IN FR	12218.	.00
0991021	REPAIR EVAPORATIVE CONDENSER 1	11977.	.00
1119401	MAINT & REPAIR RECTIFIER, UNDE	11933.	.00
0572304	REFINISH METAL STEPS - INTERIO	11866.	.00
0551202	REPAIR CONCRETE BRICK CHIMNEY-	11770.	.00
0833212	REPL/INSTALL 10' SECT-PIPE/FIT	11672.	.00
0443402	REPAIR STEEL(METAL)EXT. PORCH-	11615.	.00
0461203	REFINISH REPAIRED METAL RAILNG	11439.	.00
0461304	REFINISH WROUGHT IRON EXT. STA	11205.	.00
0571103	REFINISH REPAIRED WOOD RAILING	11089.	.00
0442206	REFINISH REPLACED WOOD RAILING	11080.	.00
0432336	REFIN.RPLC.WOOD FRM.FIX.EXT.WD	11067.	.00
0811M02	INSP & CLEAN SPRAY HEADS-EMERG	10999.	.00
0981713	REPLACE FUEL OIL EQUIPMENT	10970.	.00
1243003	REPLACE LIGHT DIMMING PANEL	10716.	.00
1131203	REPLACE QUARTZ LIGHTING FIXTUR	10706.	.00
0433133	REFIN REPAIRD WD LOUVER IN FRA	10563.	.00
0422221	REPL BRK GLAS-FUL GLAZD WD FRA	10534.	.00
0981101	REFILL EXPANSION TANK	10506.	.00
0991C41	REPAIR COOLING TOWER - 900 TON	10410.	.00
0833112	REPL 10' SECT-PIPE/FITTINGS, A	10250.	.00
0813C02	INSP/CHK 1/2HP PUMP/MOTOR OP,L	10082.	.00
09A1313	PREV MAINT REPL FLTRS-3DECK ML	10038.	.00
0813A03	REPLACE PUMP/MOTOR ASSEMBLY,1	10008.	.00
1119402	PREV MAINT & INSP RECTIFIER, U	9977.	.00
0981614	PREV MAINT ANNUAL - ASH HANDLI	9977.	.00
0434432	REPAIR METAL WINDOW GRATINGS 3	9919.	.00
1114202	PREV MAINT &INSP-TRANSFORMER,D	9828.	.00
09A1131	REPAIR MULTI-ZONE 25,000 CFM U	9801.	.00
0311315	FLASHING REPAIRS - SLATE ROOF	9672.	.00

0981213	PREV MAINT EXTER INSP-COAL BLR	9522.	.00
0639302	REPAIR ASBETOS-ACOUST.FIRE RTD	9396.	.00
0531121	BRKN.GLS.RPLMT:STEEL(SAFETY)PN	9310.	.00
0434715	REPLACE STEEL FRAME SCREEN COV	9250.	.00
0614302	REPAIR POLYESTER WALL FINISH	9226.	.00
1282202	PREV MAINT MOTOR GENERATOR, BA	9221.	.00
0813C01	OVERHAUL 1/2HP PUMP,REP SEAL B	8952.	.00
0415E35	REPLACE WOOD FIN(SINGLE COAT)E	8842.	.00
0441203	REFINISH REPAIRED WOOD DECKING	8811.	.00
09A1211	REPAIR DUAL DUCT UNIT 6500 CFM	8683.	.00
1131202	REPLACE LAMP, QUARTZ LIGHTING	8602.	.00
0432331	BRKN.GLS:RPLMT.WOOD FRM.FIX.EX	8444.	.00
0432216	REFIN.RPLC.STEEL FRM.FIX.EXT.W	8438.	.00
09A1121	REPAIR MULTI-ZONE UNIT 10000 C	8418.	.00
0444304	REFINISH CLAY BRICK COLUMN EXT	8403.	.00
0811M01	REPACK VALVE GLANDS-EMERG EYE	8376.	.00
0553104	REFINISH BRICK VENEER - FIREPL	8367.	.00
0415R22	REPAIR SYNTH.VENEER EXT.2ND FL	8244.	.00
0443203	REFINISH REPAIRED WOOD SUPPORT	8020.	.00
0531235	REPLACE STEEL SLIDING UNPNT.IN	8007.	.00
0994221	REPACK GATE VALVE GLAND, 2"-3"	7989.	.00
1116101	MAINT & REPAIR TRANSFORMER, LI	7978.	.00
0421315	REPLACE STEEL (UNPAINTED) EXTE	7975.	.00
0912201	CHECK GAS PRESSURE REDUING VAL	7971.	.00
1119101	MAINT & REPAIR METER, DARSONVA	7964.	.00
0521102	REPAIR STEEL INT. PARTITION	7931.	.00
0813F03	REPLACE MOTOR-PUMP ASSEMBLY >	7922.	.00
0415B22	REPAIR STONE EXTERIOR WALL - 2	7876.	.00
0981A11	REPAIR DEAERATOR	7829.	.00
0432222	REPR.STEEL FRAME FIX.EXT.WDW.2	7827.	.00
0813D03	REPLACE PIPE - PIPE & FITTING,	7811.	.00
0634105	REPLACE PAPER CEILING FINISH	7734.	.00
0415R23	REFIN.REPLACED SYNTH.VENEER EX	7663.	.00
0442303	REFIN.REPRD.STEEL(METAL)PNT.RA	7550.	.00
0434725	REPLACE STEEL FRAME SCREEN COV	7446.	.00
0415323	REFIN.REPAIR.PNTD.CLAY BRICK E	7415.	.00
0811K01	REPL WASHER IN SPUD CONNECT-LA	7377.	.00
1122362	PREV MAINT CIRC. BREAKER M.C.	7285.	.00
0811L02	INSP & CLEAN SHWR HEAD-EMERG S	7276.	.00
0433113	REFIN REPAIRD WD LOUVER IN FRA	7246.	.00
1144002	REPLACE COMPUTER GROUND SYSTEM	7210.	.00
0941202	CHECK FOR LEAKS FLASH TANK, 24	7209.	.00
0461106	REFINISH REPLACED WOOD RAILING	7196.	.00
0431714	REFINISH STEEL FRAME(DBL)EXT.W	7189.	.00
0311371	DEBRIS REMOVE HAND&VIS INSP-RI	7136.	.00
0571203	REFIN.REPAIRED METAL RAILING I	7057.	.00
0415B12	REPAIR STONE EXTERIOR WALL - 1	7028.	.00
0626201	MINOR REPAIRS TO METAL FLOOR G	7008.	.00
0433223	REFINISH REPAIRED ALUMINUM LOU	6996.	.00
0431332	REPAIR WOOD FRM.(PNT)OPER.WNDW	6974.	.00
0813B01	OVERHAUL 1/6HP PUMP, REPLACE S	6900.	.00
0552106	REFINISH REPLACED WOOD MANTEL-	6826.	.00
09C1211	REPLACE FAN & MOTOR AIR CURAIN	6821.	.00
0415S32	REPAIR PORCELAIN EXT. PANELS 3	6736.	.00
0434316	REFIN.REPLCD. WOOD FRAME WINDO	6594.	.00
0415032	REPAIR FORMICA VINYL EXT.3RD+	6566.	.00
0634305	REPLACE FABRIC CEILING FINISH	6491.	.00
1144001	MAINT & REPAIR COMPUTER SYSTEM	6400.	.00
0639102	REPAIR SPECL.PURP.ACOUSTIC.TIL	6372.	.00
0415D12	REPAIR TERRACOTTA EXTERIOR WAL	6246.	.00
0434812	REPAIR WOOD FRAME SCREEN COVER	6163.	.00
0427206	RPLC.FIN.ST.FRM.DBL(PND)EXT.DR	6123.	.00
0424326	REFIN REPLACED STEEL LOUVERED	6100.	.00
0813B02	INSP/CHK 1/6HP PUMP/MOTOR OPER	6089.	.00
0425204	REFINISH STEEL EXT GATE	6088.	.00
0311227	MEMBRANE REPLACEMENT - THERMOS	5941.	.00
0424334	REFINISH WOOD LOUVERED EXT DOO	5928.	.00
0415714	REFIN. PNTD.STRUCT.CLAY TILE E	5893.	.00
0462203	REFINISH REPAIR WOOD STEPS EXT	5877.	.00
0441304	REFINISH REPLACED METAL DECK.E	5875.	.00
0431711	BRKN.GLS:RPLMT.STEEL.FRM(DBL)E	5853.	.00
0532122	REPAIR ALUMIN.FULL-GLS.SLIDING	5825.	.00

0434224	REFINISH STEEL FRAME STORM WIN	5821.	.00
0814101	INSTALL NEW GASKET-PIPE&F, STL	5746.	.00
0424314	REFINISH ALUM LOUVERED EXT DOO	5692.	.00
0554102	REPAIR FIREBRICK - FIREPLACE	5638.	.00
0639306	RFIN.RPLCD.ASBESTOS-ACOUST.RTD	5625.	.00
0811K03	REPLACE SUPPORT RODS, LAVATORY	5586.	.00
0619505	REPLACE FIBERGLASS PANEL INT.W	5569.	.00
0811L01	REPACK VALVE GLANDS-EMERG SHWR	5522.	.00
1142001	MAINT & REPAIR BUILDING STRUCT	5461.	.00
0421321	REPL BRK GLAS STEEL(SAFTY GLAS	5434.	.00
0534215	REPLACE ALUMINUM LOUVERED INTE	5377.	.00
0634402	REPAIR FORMICA INT.CEILING FIN	5329.	.00
1122321	REPAIR FAILED BREAKER,MC, 600	5211.	.00
0433313	REFINISH REPAIRED STEEL (FRAME	5166.	.00
0422224	REFIN-FUL GLAZED WD FRAME SLID	5077.	.00
0415U12	REPAIR EXTERIOR GYP BRD - PAIN	5031.	.00
0912101	INST NEW GASKET-PIPE FITTINGS,	4989.	.00
0984131	UNCLOG FLOOR DRAIN-PIPE & FITT	4969.	.00
0427606	REFIN REPLACED WOOD DBL ROLL-U	4947.	.00
0443302	REPAIR CLAY BRICK SUPPORTS EXT	4921.	.00
0637105	REPLACE PLATE GLASS(MOUNTED)CE	4888.	.00
0415532	REPR.PNTD.CONCRETE BRICK EXT.W	4870.	.00
09A1521	REPAIR VARIABLE VOLUME UNIT -	4689.	.00
0415R12	REPAIR SYNTH.VENEER EXT. 1ST F	4678.	.00
0531222	REPAIR STEEL (SAFETY GLS)UNPT.	4632.	.00
0415612	REPAIR STRUCT.CLAY TILE EXT.WA	4628.	.00
0415U26	REFIN REPL EXT GYP BRD - PAINT	4529.	.00
0982111	REPAIR FAN-FORCE DRAFT FAN 10,	4467.	.00
0433526	REFIN.REPLCD.ALUMIN.SHUTTER (F	4392.	.00
0572402	REPAIR MASONRY STEP UNPAINTED	4371.	.00
0415G15	REPLC. WOOD SHAKES EXT. 1ST FL	4369.	.00
0553102	REPAIR BRICK VENEER - FIREPLAC	4356.	.00
0434822	REPAIR WOOD FRAME SCREEN COVER	4235.	.00
0981J12	INSP FOR LEAKS-STEAM CONVERTOR	4132.	.00
0415U16	REFIN REPL EXT GYP BRD - PAINT	4130.	.00
0813101	INSTALL NEW GASKET-PIPE&FITTIN	4070.	.00
0431925	RPLC.PLAST(WD.CR)FRM.DBL.EXT.W	4025.	.00
0991D11	REPAIR EVAPORATIVE CONDENSER -	4019.	.00
0415513	RFN.RPRD.PNTD.CONC.BRICK EXT.W	3980.	.00
0415522	REPR.PNTD.CONCRETE BRICK EXT.W	3936.	.00
0619203	REFIN.REPAIRED ACOUSTICAL TILE	3857.	.00
0415E32	REPAIR WOOD FIN.(SINGLE COAT)E	3828.	.00
0981712	PREV MAINT - FUEL OIL EQUIPMEN	3822.	.00
1122343	REPLACE CIRCUIT BREAKER,FIXD,	3822.	.00
1122363	REPLACE CIRC BREAKER M.C. 600V	3771.	.00
0813F02	PREV MAINT-CIRC PUMP >1 HP	3758.	.00
0572702	MINOR REPAIRS TO RUBBER INT.ST	3746.	.00
09843A1	REPAIR BROKEN INSULATION - AIR	3738.	.00
0415R13	REFIN.REPAIRED SYNTH.VENEER 1S	3717.	.00
09A1811	REPAIR UNIT VENT - 400 CFM	3702.	.00
09A1C41	REPAIR SINGLE ZONE DRAW THRU -	3669.	.00
1243002	PREV MAINT & INSPEC- LIGHT DIM	3578.	.00
1243001	MINOR REPAIRS - LIGHT DIMMING	3572.	.00
1119403	REPLACE RECTIFIER, UNDER 600 V	3440.	.00
0442203	REFINISH REPAIRED WOOD RAILING	3423.	.00
0832312	REPL METAL PIPE&FITTINGS,10FT-	3419.	.00
0432234	REFINISH STEEL FRAME FIX.EXT.W	3333.	.00
09A1141	REPAIR MULTI-ZONE UNIT 50000 C	3148.	.00
0415332	REPAIR PNTD.CLAY BRICK EXT.WAL	3085.	.00
09A1151	REPAIR MULTI-ZONE UNIT- 2500	3078.	.00
0813F01	OVRHL PUMP,REPL SEAL/BRNGS-CIR	3061.	.00
0841301	GEN MAINT AND REPAIR, WATER SO	3038.	.00
0434214	REFINISH STEEL FRM.STORM WINDO	3031.	.00
0534214	REFINISH ALUMINUM LOUVERED INT	2986.	.00
0415035	REPLACE FORMICA-VINYL EXT.3RD+	2940.	.00
0415B32	REPAIR STONE EXTERIOR WALL - 3	2859.	.00
0431915	RPLC.PLAST(WD.CR)FRM.DBL.EXT.W	2853.	.00
0415E33	REFIN.REPAIR WOOD FIN(SGL.COAT	2832.	.00
0444302	REPAIR CLAY BRICK COLUMN EXTER	2794.	.00
1115202	PREV MAINT &INSP SWITCHGEAR, I	2765.	.00
0415U13	REFIN REPAIRED EXT GYP BRD-PAI	2754.	.00
09E1142	REPLACE RADIATION SENSOR	2611.	.00

09E1151	PREVENT MAINT WIND VELOCITY SE	2562.	.00
0981711	REPAIR FUEL OIL EQUIPMENT	2469.	.00
0433513	REFIN. REPRD. ALUMIN. (FRAMED)	2404.	.00
1118702	PREV MAINT & INSP BUSS DUCT,PO	2386.	.00
0434726	REFIN.REPLCD.STEEL FRAME SCREE	2374.	.00
0415533	RFN.RPRD.PNTD.CONC.BRICK EXT.W	2365.	.00
0415S35	REPLACE PORCELAIN EXT. PANELS	2356.	.00
0619502	REPAIR FIBERGLASS PANELS INTER	2355.	.00
0814002	INSP-CHK PUMP/MOTOR OPER/ALIGN	2329.	.00
0415G12	REPR. WOOD SHAKES EXT. 1ST FLR	2238.	.00
0619403	REFIN.REPRD.ASBESTOS-ACOUST.RT	2231.	.00
0461103	REFINISH REPAIRED WOOD RAILING	2223.	.00
0462402	REPAIR MASONRY STEP UNPNAINTED	2199.	.00
0534414	REFINISH METAL MESH PAINT.INTE	2164.	.00
0532125	REPLACE ALUMIN.FULL-GLS.SLIDIN	2149.	.00
0433233	REFINISH REPAIRED ALUMIN.(FRMD	2112.	.00
0532216	REFIN.REPLCD.WOOD FULL-GLS.FRM	2026.	.00
09A1611	REPAIR TERMINAL REHEAT UNIT -	2014.	.00
0434716	REFIN.REPLCD.STEEL FRAME SCREE	1955.	.00
0461302	REPAIR WROUGHT IRON EXT. STAIR	1953.	.00
0443103	REFINISH REPAIRED CONCR.SUPPT.	1933.	.00
0462303	REFINISH REPAIRED METAL STEPS	1920.	.00
0813A02	INSP/CHK1 1/2HP PUMP/MOTOR OPE	1910.	.00
0814001	OVERHAUL PUMP - REPL BEARING,S	1895.	.00
1282203	REPLACE MOTOR GENERATOR, BATTE	1871.	.00
0905101	REPAIR ROOM HUMIDIFIER, FLOOR	1830.	.00
0432332	REPAIR WOOD FRAME FIX.EXT.WDW.	1828.	.00
0552103	REFINISH REPAIRED WOOD MANTEL-	1819.	.00
09A1511	REPAIR VARIABLE VOLUME UNIT -	1796.	.00
0415E36	REFIN.REPLACED WOOD FIN(SGL.CO	1775.	.00
0984132	UNCLOG MAIN DRAIN-PIPE & FITTI	1767.	.00
0431921	BRKN.GLS:RPLMT.PLASTIC(WD.CR)E	1758.	.00
09A1B21	REPAIR UNIT VENT - 1200 CFM	1742.	.00
0434914	REFINISH LEAD-LINED WINDOW 1ST	1741.	.00
0831311	GENERAL MAINT-METAL PIPE FOR C	1709.	.00
1118701	MAINT & REPAIR BUSS DUCT, POWE	1693.	.00
0991311	REPAIR A/C PAD MOUNT. 5 TONS	1682.	.00
0814J02	CHECK OPERATION-HOT WATER HTR.	1674.	.00
0614202	REPAIR NYLON WALL FINISH	1651.	.00
0415523	RFN.RPRD.PNTD.CONC.BRICK EXT.W	1630.	.00
0311223	MINOR MEMBRANE REPAIRS - THERM	1604.	.00
0531225	REPLACE STEEL(SAFETY GLS)UNPNT	1593.	.00
0619503	REFIN.REPRD.FIBRGLASS PANELS I	1552.	.00
0619506	REFIN.REPLCD.FIBERGLS PNL INT.	1549.	.00
0421236	REFIN REPLACED STEEL SLIDING P	1535.	.00
1131201	MAINT & REPAIR QUARTZ LIGHT FI	1504.	.00
0415333	REFIN.REPAIR PNTD.CLAY BRICK E	1503.	.00
1114201	REPAIR TRANSFORMER,DRY,AB 15,0	1364.	.00
0434512	REPAIR METAL MESH WINDOW COVER	1356.	.00
0424122	REPAIR METAL GRATED UNPAINTED	1321.	.00
09A1621	REPAIR TERMINAL REHEAT UNIT -	1309.	.00
0612A02	REPAIR GLAZED CMU. INTERIOR WA	1269.	.00
0553405	REPLACE WOOD SURFACE - FIREPLA	1205.	.00
0434222	REPAIR STEEL FRAME STORM WINDO	1198.	.00
0572504	REFINISH MASONRY STEPS PAINTED	1196.	.00
0812401	UNCLOG FLOOR DRAIN,PIPE & FITT	1189.	.00
0634102	REPAIR PAPER CEILING FINISH	1184.	.00
0636202	REPAIR METAL UNPAINTED CEILING	1181.	.00
0434915	REPLACE LEAD-LINED WINDOW 1ST	1096.	.00
0431911	BRKN.GLS:RPLMT.PLASTIC(WD.CR)E	1089.	.00
0619102	REPAIR STONE WALL FINISH	1076.	.00
09A1631	REPAIR TERMINAL REHEAT UNIT -	1072.	.00
0531126	REFIN.REPLCD.STEEL(SAFE GLS)PN	1051.	.00
0814N03	REPLACE PIPE-PIPE/FITTINGS, PV	1038.	.00
09A1241	REPAIR DUAL DUCT UNIT - 50000	1031.	.00
0433334	REFINISH STEEL LOUVER (FRAMED)	1030.	.00
0311221	DEBRIS REMOVAL & VISUAL INSP.-	1027.	.00
0434712	REPAIR STEEL FRAME SCREEN COVE	1025.	.00
0415M22	REPAIR GLASS BLOCK EXT. 2ND FL	1023.	.00
1122322	PREV MAINT &INSP CIRCUIT BREAK	998.	.00
0434225	REPLACE STEEL FRAME STORM WIND	978.	.00
0634302	REPAIR FABRIC CEILING FINISH	972.	.00

0415712	REPR.PNTD.STRUCT.CLAY TILE EXT	934.	.00
0532121	BRK.GLS.RPLMT:ALUM.FULL-GLS.SL	903.	.00
0561202	REPAIR METAL TRIM - INTERIOR O	898.	.00
0311225	FLASHING REPAIRS - THERMOSETTI	870.	.00
0434215	REPLACE STEEL FRAME STORM WIND	854.	.00
0434221	BRK.GLS.RPLMT.STEEL FRM.STORM	853.	.00
0553404	REFINISH WOOD SURFACE - FIREPL	847.	.00
0632305	REPLACE CERAMIC (PAN) CEILING	840.	.00
0981K12	PREVENTIVE MAINTENANCE ON FLAS	832.	.00
0424333	REFIN REPLACED WOOD LOUVERED E	832.	.00
0991E01	REFILL EXPANSION TANK	807.	.00
0622301	MINOR REPAIRS TO BRICK FLOOR	802.	.00
0962101	REGLUE JOINT-PIPE/FITTINGS, PV	798.	.00
0424222	REPAIR METAL WIRE MESH UNPAINT	787.	.00
0311224	MINOR REPLACEMENT - THERMOSETT	784.	.00
0994131	UNCLOG FLOOR DRAIN-PIPE & FITT	781.	.00
0415622	REPAIR STRUCT.CLAY TILE EXT.WA	779.	.00
0421242	REPAIR STEEL (INSUL CORE) PAIN	756.	.00
0531142	REPAIR STEEL (INSUL) PNTD. INT	753.	.00
0434722	REPAIR STEEL FRAME SCREEN COVE	751.	.00
0441303	REFINISH REPAIRED METAL DECK.E	745.	.00
0433523	REFIN.REPLCD.ALUMIN.SHUTTER (F	727.	.00
0962102	INSTALL 10' SECTION-PIPE/FITTI	708.	.00
0425203	REFIN REPAIRED STEEL EXT GATE	703.	.00
09E1152	REPLACE WIND VELOCITY SENSOR	701.	.00
0434212	REPAIR STEEL FRAME STORM WINDO	696.	.00
0462602	REPAIR QUARRY TILE STEPS EXTER	670.	.00
09A1231	REPAIR DUAL DUCT UNIT - 25000	656.	.00
0639303	REFIN.REPRD.ASBESTOS-ACOUST.RT	652.	.00
0432235	REPLACE STEEL FRAME FIX.EXT.WD	621.	.00
0424336	REFIN REPLACED WOOD LOUVERED E	601.	.00
0311222	MOISTURE INSPECTION - THERMOSE	576.	.00
0531221	BRK.GLS.RPLMT:STEEL(SAFETY)UNP	551.	.00
0434211	BRK.GLS.RPLMT.STEEL FRM.STORM	551.	.00
0424212	REPAIR METAL WIRE MESH PAINED	546.	.00
0632402	REPAIR CERAMIC (TILE) CEILING	532.	.00
0813A01	OVERHAUL 1 1/2HP PUMP, REPL SE	528.	.00
0424313	REFIN REPAIRED ALUM LOUVERED E	525.	.00
0637102	REPAIR PLATE GLASS (MOUNTED)CE	514.	.00
09A1451	REPAIR DUAL DUCT VARI VOL UNIT	497.	.00
0431712	REPAIR STEEL FRM.(DBL)OPER.WND	494.	.00
0433332	REPAIR STEEL LOUVER (FRAMED) 3	441.	.00
0442103	REFIN.REPRED.WROUGHT IRON RAIL	407.	.00
0812402	UNCLOG MAIN DRAIN-PIPE & FITTI	407.	.00
0814102	CHECK OPERATION-HOT WATER HTR.	395.	.00
09A1311	REPAIR 3-DECK MULTI-ZONE UNIT	393.	.00
0814K02	CHECK OPERATION-HOT WATER HTR.	386.	.00
0415W32	REPAIR MASONITE PANELS - SEALE	384.	.00
0555202	REAPIR METAL PIPE FLUE, ARCHIT	381.	.00
0431922	REPR.PLAST(WD.CR)FRM.DBL.EXT.W	379.	.00
0434912	REPAIR LEAD-LINED WINDOW 1ST F	377.	.00
0572502	REPAIR MASONRY STEPS PAINTED I	369.	.00
0422226	REFIN REPLACED-FUL GLZED WD SL	348.	.00
0434911	BRKN.GLS.RPLMT:LEAD-LINED WIND	340.	.00
0433323	REFIN.REPLCD.STEEL LOUVER (FRM	339.	.00
0553103	REFINISH REPAIRED BRICK VENEER	328.	.00
0421244	REFIN STEEL (INSUL CORE) PAINT	320.	.00
0561203	REFINISH REPAIRED METAL TRIM-I	319.	.00
0425206	REFIN REPLACED STL EXT GATE (W	311.	.00
0551302	REPAIR STONE CHIMNEY - FIREPLA	309.	.00
0534213	REFIN.REPRO.ALUMIN.LOUVERED IN	308.	.00
0444303	REFIN.REPRED.CLAY BRICK COLUMN	303.	.00
0432231	BRKN.GLS:RPLMT.STEEL FRM.FIX.E	296.	.00
0431716	REFIN.REPLC.STEEL FRM.(DBL)EXT	296.	.00
0434522	REPAIR METAL MESH WINDOW COVER	288.	.00
0424316	REFIN REPLACED ALUM LOUVERED E	288.	.00
0421245	REPLACE STEEL(INSUL CORE) PAIN	282.	.00
0531145	REPLACE STEEL (INSUL.CORE)PNTD	282.	.00
0531144	REFINISH STEEL (INSUL CORE)PNT	273.	.00
0434226	REFIN.REPLCD. STEEL FRAME WIND	266.	.00
0994132	UNCLOG MAIN DRAIN-PIPE & FITTI	247.	.00
0431912	REPR.PLAST(WD.CR)FRM.DBL.EXT.W	247.	.00

0432715	REPLCE.STEEL FRM(DBL)FIX.EXT.W	229.	.00
0443403	REFIN.RPRD.STEEL(METAL)EXT.POR	219.	.00
0833211	RESOLDER JOINT-PIPE/FITTINGS,	216.	.00
0833111	RESOLDER JOINT-PIPE/FITTING,AN	190.	.00
0572303	REFIN.REPARED.METAL STEPS INTE	183.	.00
0553402	REPAIR WOOD SURFACE - FIREPLAC	179.	.00
0415W35	REPLACE MASONITE PANELS - SEAL	169.	.00
0415713	RFN.RPR.PNT.STRUCT.CLAY TILE E	167.	.00
0432714	REFIN.STEEL FRM(DBL)FIX.EXT.WD	157.	.00
0415M12	REPAIR GLASS BLOCK EXT.1ST FL	154.	.00
0443303	REFIN.REPRED.CLAY BRICK SUPPT.	147.	.00
0432236	REFIN.RPLC.STEEL FRM.FIX.EXT.W	147.	.00
0434216	REFIN.REPLCD.STEEL FRAME WINDO	139.	.00
0534216	REFIN.REPLCD.ALUMIN.LOUVERED I	135.	.00
0432711	BRKN.GLS:RPLMT.STEEL FRM.FIX(D	130.	.00
0933101	INSTALL NEW GASKET-PIPE/FIT,ST	116.	.00
0813D02	INSTALL 10'SECTION,PIPE - FITT	103.	.00
0534412	REPAIR METAL MESH PAINTED INTE	87.	.00
0421241	REPL BRK GLAS-STL(INSUL CORE)P	79.	.00
0531141	BRKN.GLS.RPLMT:STEEL(INSUL)PNT	79.	.00
0813D01	REGLUE JOINT-PIPE AND FITTINGS	77.	.00
0434916	REFIN.REPLCD.LEAD-LINED WINDOW	71.	.00
0553406	REFINISH REPLACED WOOD SURFACE	60.	.00
0461303	REFIN.REPRD.WROUGHT IRON EXT.S	58.	.00
0432232	REPAR.STEEL FRAME FIX.EXT.WDW.	53.	.00
0552202	REPAIR CONCRETE MANTEL - FIREP	23.	.00
0617102	REPAIR GLASS BLOCK WALL FINISH	21.	.00
0553403	REFINISH REPAIRED WOOD SURFACE	17.	.00
0432712	REPAIR STEEL FRM(DBL)FIX.EXT.W	16.	.00
0814N01	REGLUE JOINT-PIPE/FITTINGS,PVC	13.	.00
0832311	GENERAL MAINT METAL PIPE - IND	13.	.00
0814N02	INST 10'SECTION-PIPE/FITTINGS,	13.	.00
0421246	REFIN REPLACED STL(INSUL CORE)	12.	.00
0531146	REFIN.REPLCD.STEEL(INSL.CORE)P	11.	.00
0572503	REFIN.REPRED.MASONRY STEP PNTD	8.	.00
0432716	RFN.RPLC.STL.FRM(DBL)FIX.EXT.W	6.	.00
0433333	REFINISH REPRD.STEEL LOUVER (F	4.	.00
0632302	REPAIR CERAMIC (PAN) CEILING F	2.	.00

APPENDIX N:

PERCENTAGE OF MAINTENANCE COST BY TASKS FOR ALL BUILDINGS

ORDERED YEARLY SUMMARY TASK REPORT

INSTALLATION: USA

10-01-90 14:16:19

F4C CODE : 0000000

120 YEARS SUMMARY

CACES ID	TASK DESCRIPTION	DOLLAR AMOUNT	PERCENT OF TOTAL
0000000	TOTAL DOLLAR AMOUNT FOR YEARS	6780304000.	
0311101	DEBRIS REMOVAL-HAND & VIS.INSP	71218960.	1.05
0311102	MOISTURE INSPECTION OF ROOF BU	11307720.	.17
0311103	MINOR MEMBRANE REPAIRS - BUILT	46628880.	.69
0311104	MINOR MEMBRANE REPLACEMENT - B	4474513.	.07
0311105	FLASHING REPAIRS - BUILTUP ROO	47694130.	.70
0311106	PLACE NEW MEMBRANE OVER EXSTG.	71341270.	1.05
0311107	MEMBRANE REMOVAL & REPLACEMT.B	89071320.	1.31
0311211	DEBRIS REMOVAL-HAND & VIS.INSP	58785.	.00
0311212	MOISTURE INSPECTION - M.B. /TH	32567.	.00
0311213	MINOR MEMBRANE REPAIRS - M.B./	107299.	.00
0311214	REPAIR MOD. BITUMINOUS / THER	47155.	.00
0311215	FLASHING REPAIRS MOD. BIT./ T	140027.	.00
0311217	MEMBRANE REPLACEMENT OR REPAIR	472391.	.01
0311221	DEBRIS REMOVAL & VISUAL INSP.-	1027.	.00

0311222	MOISTURE INSPECTION - THERMOSE	576.	.00
0311223	MINOR MEMBRANE REPAIRS - THERM	1604.	.00
0311224	MINOR REPLACEMENT - THERMOSETT	784.	.00
0311225	FLASHING REPAIRS - THERMOSETTi	870.	.00
0311227	MEMBRANE REPLACEMENT - THERMOS	5941.	.00
0311312	NON-DESTRUCTIVE MOISTURE INSPE	23166.	.00
0311313	REPAIRS - SLATE ROOF	296150.	.00
0311314	MINOR TILE REPLACEMENT - SLATE	14311.	.00
0311315	FLASHING REPAIRS - SLATE ROOF	9672.	.00
0311317	TOTAL ROOF REPLACEMENT - SLATE	352230.	.01
0311321	DEBRIS REMOV.BY HAND+VIS.INSP.	111600.	.00
0311322	NON-DESTRUCT.MOISTURE INSPECT.	68691.	.00
0311323	REPAIR - CEMENT ASBESTOS ROOF	340485.	.01
0311324	MINOR REPLACEMENT - CEMENT ASB	46922.	.00
0311325	FLASHING REPAIR - CEMENT ASBES	173330.	.00
0311327	TOTAL ROOF REPLACEMENT - CEMEN	135165.	.00
0311331	DEBRIS REMOV.BY HAND & VISUAL	731072.	.01
0311332	NON-DESTRUCTIVE MOISTURE INSPE	435472.	.01
0311333	REPAIR - TILE ROOFING	827139.	.01
0311334	MINOR REPLACEMENT - TILE ROOF	2092367.	.03
0311335	FLASHING REPAIR - TILE ROOF	1133822.	.02
0311337	TOTAL ROOF REPLACEMENT - TILE	2489066.	.04
0311341	DEBRIS REMOV.BY HAND & VIS.INS	922009.	.01
0311342	NON-DESTSRUCT.MOISTURE INSPECT	478256.	.01
0311343	MINOR ROOFING REPAIR - ROLL RO	8240618.	.12
0311345	FLASHING REPAIRS - ROLL ROOFIN	1486260.	.02
0311347	TOTAL ROOF REPLACEMENT - ROLL	12039110.	.18
0311351	DEBRIS REMOV.BY HAND & VIS.INS	27806430.	.41
0311352	NON-DESTRUCTIVE MOISTURE INSP.	2733154.	.04
0311353	MINOR REPAIRS - SHINGLED ROOF	69701060.	1.03
0311354	MINOR REPLACEMENT - SHINGLED R	10509980.	.16
0311355	FLASHING REPAIRS - SHINGLED RO	45706930.	.67
0311356	REPLACE NEW OVER EXISTING-SHIN	58758240.	.87
0311357	REMOVAL AND REPLACEMENT OF SHI	81867270.	1.21
0311361	DEBRIS REMOV.BY HAND+VIS.INSP.	3309065.	.05
0311362	NON-DESTRUCT.MOISTURE INSPECT.	1939806.	.03
0311363	MINOR REPAIRS - METAL ROOF	984494.	.01
0311364	MINOR REPLACEMENT - METAL ROOF	1478579.	.02
0311365	FLASHING REPLACEMENT - METAL R	6631098.	.10
0311367	TOTAL METAL PANEL REPLACEMENT-	77569750.	1.14
0311371	DEBRIS REMOVE HAND&VIS INSP-RI	7136.	.00
0311372	MOISTURE INSP. NON-DEST.-RIGID	14183.	.00
0311373	MINOR REPAIRS - RIGID FIBERGLA	142747.	.00
0311374	MINOR REPLACE - RIGID FIBERGLA	116161.	.00
0311375	FLASHING REPAIR -RIGID FIBERGL	25218.	.00
0311377	TOTAL ROOF REPLACE.-RIGID FIBE	542595.	.01
0311411	DEBRIS REMOVE HAND&VIS INSP-CO	638640.	.01
0311412	MOISTURE INSP NON-DEST CONC, S	105444.	.00
0311413	MINOR REPAIRS - CONC,SEALED PA	300427.	.00
0311414	MINOR REPLACE - CONC, SEALED P	218114.	.00
0311415	FLASHING REPAIR - CONC, SEALED	163815.	.00
0415122	REPAIR ADOBE EXTERIOR WALL - 2	382394.	.01
0415123	REFINISH REPAIRED ADOBE EXT.WA	165307.	.00
0415124	REFINISH ADOBE EXTERIOR WALL 2	879285.	.01
0415212	REPAIR CLAY BRICK EXTERIOR WAL	8171693.	.12
0415222	REPAIR CLAY BRICK EXTERIOR WAL	4945359.	.07
0415232	REPAIR CLAY BRICK EXTERIOR WAL	4184062.	.06
0415312	REPAIR PNTD CLAY BRICK EXT.WAL	56451.	.00
0415313	REFIN.REPAIR.PNTD CLAY BRICK E	14190.	.00
0415314	REFIN.PNTD CLAY BRICK EXT.WALL	264855.	.00
0415322	REPAIR PNTD CLAY BRICK EXT.WAL	17958.	.00
0415323	REFIN.REPAIR.PNTD.CLAY BRICK E	7415.	.00
0415324	REFIN. PNTD. CLAY BRICK EXT.WA	76176.	.00
0415332	REPAIR PNTD.CLAY BRICK EXT.WAL	3085.	.00
0415333	REFIN.REPAIR PNTD.CLAY BRICK E	1503.	.00
0415334	REFIN. PNTD.CLAY BRICK EXT.WAL	13943.	.00
0415412	REPAIR CONCRETE BRICK EXT. WAL	73222.	.00
0415422	REPAIR CONCRETE BRICK EXT.WALL	62929.	.00
0415432	REPAIR CONCRETE BRICK EXT.WALL	7485.	.00
0415512	REPR.PNTD.CONCRETE BRICK EXT.W	31144.	.00
0415513	RFN.RPRD.PNTD.CONC.BRICK EXT.W	3980.	.00
0415514	REFN.PNT.CONCRETE BRICK EXT.WA	162519.	.00

0415522	REPR.PNTD.CONCRETE BRICK EXT.W	3936.	.00
0415523	RFN.RPRD.PNTD.CONC.BRICK EXT.W	1630.	.00
0415524	REFIN.PNTD.CONCR. BRICK EXT.WA	19671.	.00
0415532	REPR.PNTD.CONCRETE BRICK EXT.W	4870.	.00
0415533	RFN.RPRD.PNTD.CONC.BRICK EXT.W	2365.	.00
0415534	REFIN.PNTD.CONC.BRICK EXT.WALL	26200.	.00
0415612	REPAIR STRUCT.CLAY TILE EXT.WA	4628.	.00
0415622	REPAIR STRUCT.CLAY TILE EXT.WA	779.	.00
0415712	REPR.PNTD.STRUCT.CLAY TILE EXT	934.	.00
0415713	RFN.RPR.PNT.STRUCT.CLAY TILE E	167.	.00
0415714	REFIN. PNTD.STRUCT.CLAY TILE E	5893.	.00
0415812	REPAIR CONCRETE BLOCK EXT.WALL	266774.	.00
0415822	REPAIR CONCRETE BLOCK EXT.WALL	242377.	.00
0415832	REPAIR CONCRETE BLOCK EXT.WALL	287522.	.00
0415912	REPR.PNTD.CONCR. BLOCK EXT.WAL	3987[illegible].	.01
0415913	RFN.RPR.PNTD.CONCR.BLOCK EXT.W	17[illegible]4.	.00
0415914	REFIN.PNTD.CONCR.BLOCK EXT.WAL	6979961.	.10
0415922	REPR.PNTD.CONCRETE BLOCK EXT.W	449166.	.01
0415923	RFN.RPR.PNTD.CONC.BLOCK EXT.WA	355668.	.01
0415924	REFIN.PNTD.CONCR. BLOCK EXT.WA	3955325.	.06
0415932	REPR.PNTD.CONCR.BLOCK EXT.WALL	200407.	.00
0415933	RFN.RPR.PNTD.CONC.BLOCK EXT.WA	168341.	.00
0415934	REFIN.PNTD.CONCR. BLOCK EXT.WA	1750215.	.03
0415A12	REPAIR CONCRETE EXT. WALL 1ST	4272041.	.06
0415A13	REFIN.REPAIRED CONCRETE EXT.WA	293279.	.00
0415A14	REFINISH CONCRETE EXT.WALL 1ST	11573700.	.17
0415A22	REPAIR CONCRETE EXT.WALL 2ND F	1757234.	.03
0415A23	REFIN REPAIRED CONCRETE EXT.WA	463793.	.01
0415A24	REFINISH CONCRETE EXT.WALL 2ND	4998161.	.07
0415A32	REPAIR CONCRETE EXT. WALL 3RD+	2414546.	.04
0415A33	REFIN.REPAIRED CONCRETE EXT.WA	784682.	.01
0415A34	REFINISH CONCRETE EXT.WALL 3RD	7631644.	.11
0415B12	REPAIR STONE EXTERIOR WALL - 1	7028.	.00
0415B22	REPAIR STONE EXTERIOR WALL - 2	7876.	.00
0415B32	REPAIR STONE EXTERIOR WALL - 3	2859.	.00
0415C12	REPAIR STUCCO EXTERIOR WALL -	2703617.	.04
0415C13	REFIN. REPAIRED STUCCO EXT.WAL	966300.	.01
0415C14	REFINISH STUCCO EXT. WALL 1ST	30326070.	.45
0415C22	REPAIR STUCCO EXTERIOR WALL -	2306866.	.03
0415C23	REFIN.REPA.RED STUCCO EXT.WALL	1715385.	.03
0415C24	REFINISH STUCCO EXT. WALL 2ND	15245550.	.23
0415C32	REPAIR STUCCO EXTERIOR WALL -3	527598.	.01
0415C33	REFIN.REPAIRED STUCCO EXT.WALL	415320.	.01
0415C34	REFINISH STUCCO EXT.WALL 3RD +	3382204.	.05
0415D12	REPAIR TERRACOTTA EXTERIOR WAL	6246.	.00
0415E12	REPR. WOOD FIN.(SINGLE COAT) E	199709.	.00
0415E13	REFIN.REPAIR WOOD FIN(SINGLE C	67334.	.00
0415E14	REFINISH WOOD FIN. (SINGLE COA	4198512.	.06
0415E15	REPLACE WOOD FIN(SINGLE.COAT)E	561601.	.01
0415E16	REFIN.REPLACED WOOD FIN(SGL.CO	74891.	.00
0415E22	REPAIR WOOD FIN.(SINGLE.COAT)E	146250.	.00
0415E23	REFIN.REPAIR.WOOD FIN.(SGL.COA	100137.	.00
0415E24	REFIN.WOOD FINISH(SINGLE COAT)	1616278.	.02
0415E25	REPLACE WOOD FIN(SINGLE COAT)E	411113.	.01
0415E26	REFIN.REPLACE WOOD FIN(SGL. CO	71489.	.00
0415E32	REPAIR WOOD FIN.(SINGLE COAT)E	3828.	.00
0415E33	REFIN.REPAIR WOOD FIN(SGL.COAT	2832.	.00
0415E34	REFIN WOOD FIN(SINGLE COAT)EXT	42155.	.00
0415E35	REPLACE WOOD FIN(SINGLE COAT)E	8842.	.00
0415E36	REFIN.REPLACED WOOD FIN(SGL.CO	1775.	.00
0415F12	REPR. WOOD FIN.(MULT.COAT) EXT	2278721.	.03
0415F13	REFIN. REPR.WOOD FIN.(MULT.COA	847073.	.01
0415F14	REFN. WOOD FIN.(MULT.COAT) EXT	37457840.	.55
0415F15	RPLC. WOOD FIN.(MULT.COAT) EXT	5132886.	.08
0415F16	REFN. RPLCD. WOOD FIN.(MULT.CO	989942.	.01
0415F22	REPR. WOOD FIN.(MULT.COAT) EXT	1194212.	.02
0415F23	REFN. REPRD.WOOD FIN.(MULT.COA	858450.	.01
0415F24	REFN. WOOD FIN.(MULT.COAT)EXT.	10574560.	.16
0415F25	RPLC. WOOD FIN.(MULT.COAT) EXT	1565491.	.02
0415F26	REFN. RPLCD.WOOD FIN.(MULT.COA	350590.	.01
0415F32	REPR. WOOD FIN.(MULT.COAT) EXT	76692.	.00
0415F33	REFN. RPRD.WOOD FIN.(MULT.COAT	60761.	.00

0415F34	REFN. WOOD FIN.(MULT.COAT)EXT.	623539.	.01
0415F35	RPLC. WOOD FIN.(MULT.COAT)EXT.	185040.	.00
0415F36	REFN. RPLCD.WOOD FIN.(MULT.COA	49612.	.00
0415G12	REPR. WOOD SHAKES EXT. 1ST FLR	2238.	.00
0415G15	REPLC. WOOD SHAKES EXT. 1ST FL	4369.	.00
0415I12	REPAIR ALUMINUM SIDING EXT.1ST	2128306.	.03
0415I13	REFIN.REPRD.ALUMINUM SIDING EX	928822.	.01
0415I14	REFINISH ALUMINUM SIDING EXT.F	26748470.	.39
0415I15	REPLACE ALUMINUM SIDING EXT.1S	4656988.	.07
0415I16	REFIN.REPLCD.ALUMINUM SIDING E	1269491.	.02
0415I22	REPAIR ALUMINUM SIDING EXT.2ND	1868503.	.03
0415I23	REFIN.REPRD.ALUMINUM SIDING EX	1329802.	.02
0415I24	REFINISH ALUMINUM SIDING EXT.F	10209930.	.15
0415I25	REPLACE ALUMINUM SIDING EXT.2N	1416079.	.02
0415I26	REFIN.REPLCD.ALUMINUM SIDING E	462129.	.01
0415I32	REPAIR ALUMINUM SIDING EXT.3RD	192976.	.00
0415I33	REFIN.REPRD.ALUMINUM SIDING EX	145484.	.00
0415I34	REFINISH ALUMINUM SIDING EXT.F	1044880.	.02
0415I35	REPLACE ALUMINUM SIDING EXT.3R	144433.	.00
0415I36	REFIN.REPLCD.ALUMINUM SIDING E	46604.	.00
0415J12	REPAIR ALUMINUM SIDING(ANDZ)EX	1434821.	.02
0415J15	REPLACE ALUMINUM SIDING(ANDZ)E	7460438.	.11
0415J22	REPAIR ALUMINUM SIDING(ANDZ)EX	4012277.	.06
0415J25	REPLACE ALUMINUM SIDING(ANDZ)E	6979297.	.10
0415J32	REPAIR ALUMINUM SIDING(ANDZ)EX	27679.	.00
0415J35	REPLACE ALUMINUM SIDING(ANDZ)E	40672.	.00
0415K12	REPAIR STEEL(SELF-COATING)EXT.	409848.	.01
0415K22	REPAIR STEEL(SELF-COATING)EXT.	130108.	.00
0415K32	REPAIR STEEL(SELF-COATING)EXT.	18543.	.00
0415L12	REPAIR STEEL(PAINTED)EXT. 1ST	837259.	.01
0415L13	REFIN.REPAIR.STEEL(PNTD)EXT.1S	415142.	.01
0415L14	REFIN. STEEL(PAINTED)EXT. 1ST	4594027.	.07
0415L22	REPAIR STEEL(PAINTED)EXT.2ND F	305113.	.00
0415L23	REFIN.REPAIR.STEEL(PAINTD)EXT.	339904.	.01
0415L24	REFIN. STEEL (PNTD) EXT. FIN.	2390914.	.04
0415L32	REPAIR STEEL(PAINTED)EXT. 3RD	223418.	.00
0415L33	REFIN.REPAIR STEEL(PAINTD)EXT.	381133.	.01
0415L34	REFIN. STEEL(PAINTED)EXT. 3RD	2944803.	.04
0415M12	REPAIR GLASS BLOCK EXT.1ST FL	154.	.00
0415M22	REPAIR GLASS BLOCK EXT. 2ND FL	1023.	.00
0415N12	REPAIR PLATE GLASS EXT.1ST FL	86957.	.00
0415N22	REPAIR PLATE GLASS EXT. 2ND FL	28627.	00
0415O12	REPAIR FORMICA-VINYL EXT.1ST F	1464230.	.02
0415O15	REPLACE FORMICA-VINYL EXT.1ST	3713203.	.05
0415O22	REPAIR FORMICA-VINYL EXT.2ND F	4952653.	.07
0415O25	REPLACE FORMICA-VINYL EXT.2ND	3156121.	.05
0415O32	REPAIR FORMICA-VINYL EXT.3RD+	6566.	.00
0415O35	REPLACE FORMICA-VINYL EXT.3RD+	2940.	.00
0415P12	REPAIR ASBESTOS EXT. WALL 1ST	67025.	.00
0415P15	REPLACE ASBESTOS EXT.WALL 1ST	146094.	.00
0415P22	REPAIR ASBESTOS EXT.WALL 2ND F	57130.	.00
0415P25	REPLACE ASBESTOS EXT.WALL 2ND	31683.	.00
0415P32	REPAIR ASBESTOS EXT.WALL 3RD F	65569.	.00
0415P35	REPLACE ASBESTOS EXT.WALL 3RD+	28892.	.00
0415R12	REPAIR SYNTH.VENEER EXT. 1ST F	4678.	.00
0415R13	REFIN.REPAIRED SYNTH.VENEER 1S	3717.	.00
0415R14	REFINISH SYNTH.VENEER EXT.1ST	59203.	.00
0415R22	REPAIR SYNTH.VENEER EXT.2ND FL	8244.	.00
0415R23	REFIN.REPLACED SYNTH.VENEER EX	7663.	.00
0415R24	REFINISH SYNTH.VENEER EXT.2ND	33881.	.00
0415S12	REPAIR PORCELAIN EXT. PANELS 1	262311.	.00
0415S15	REPLACE PORCELAIN EXT.PANELS 1	51636.	.00
0415S22	REPAIR PORCELAIN EXT.PANELS 2N	173087.	.00
0415S25	REPLACE PORCELAIN EXT. PANELS	48607.	.00
0415S32	REPAIR PORCELAIN EXT. PANELS 3	6736.	.00
0415S35	REPLACE PORCELAIN EXT. PANELS	2356.	.00
0415T12	REPAIR ALUMINUM CORR PANELS-FI	514649.	.01
0415T15	REPLACE ALUM CORR PANELS - FIR	1261784.	.02
0415T22	REPAIR ALUM CORR PANEL - 2ND F	1179053.	.02
0415T25	REPLACE ALUM CORR PANEL - 2ND	953475.	.01
0415T32	REPAIR ALUMINUM CORR PANELS -	147112.	.00
0415T35	REPLACE ALUM CORR PANELS - 3RD	95721.	.00

0415U12	REPAIR EXTERIOR GYP BRD - PAIN	5031.	.00
0415U13	REFIN REPAIRED EXT GYP BRD-PAI	2754.	.00
0415U14	REFIN EXT GYP BRD - PAINTED 1S	96008.	.00
0415U15	REPLACE EXT GYP BRD - PAINTED	13691.	.00
0415U16	REFIN REPL EXT GYP BRD - PAINT	4130.	.00
0415U22	REPAIR EXT GYP BRD - PAINTED 2	16610.	.00
0415U23	REFIN REPARED EXT GYP BRD-PAIN	14108.	.00
0415U24	REFIN EXT GYP BRD - PAINTED 2N	129250.	.00
0415U25	REPLACE EXT GYP BRD - PAINTED	13226.	.00
0415U26	REFIN REPL EXT GYP BRD - PAINT	4529.	.00
0415W12	REPAIR MASONITE PANELS - SEALE	121441.	.00
0415W15	REPLACE MASONITE PANELS - SEAL	253979.	.00
0415W22	REPAIR MASONITE PANELS - SEALE	88472.	.00
0415W25	REPLACE MASONITE PANELS - SEAL	48628.	.00
0415W32	REPAIR MASONITE PANELS - SEALE	384.	.00
0415W35	REPLACE MASONITE PANELS - SEAL	169.	.00
0415X12	REPAIR FIBERGLAS PANELS - 1ST	31982.	.00
0415X13	REFIN REPAIRED FIBRGLAS PNLS R	19311.	.00
0415X14	REFIN FIBRGLAS PANELS - RIGID	471625.	.01
0415X22	REPAIR FIBRGLAS PANELS RIGID 2	72647.	.00
0415X23	REFIN REPRD.FIBRGLAS PANEL RGD	65060.	.00
0415X24	REFINISH FIBRGLAS PANELS RIGID	432801.	.01
0421112	REPAIR ALUMINIUM (P/A) EXTERIO	3157317.	.05
0421115	REPLACE ALUMINIUM (P/A) EXTERI	1256158.	.02
0421121	REPL BRK GLAS-ALUM(SAFTY GLS)	45436.	.00
0421122	REPAIR ALUM (SFTY GLS) PL&EXT	484816.	.01
0421125	REPLACE ALUM (SAFTY GLAS) PL &	225829.	.00
0421131	REPLACE BRK GLAS ALUM SLIDING	27045.	.00
0421132	REPAIR ALUM SLIDING EXT DOOR	771401.	.01
0421135	REPLACE ALUM SLIDING EXT DOOR	398270.	.01
0421212	REPAIR STEEL (PAINTED) EXTERIO	9950440.	.15
0421214	REFINISH STEEL (PAINTED) EXTER	3427768.	.05
0421215	REPLACE STEEL (PAINTED) EXTERI	1567453.	.02
0421216	REFIN. REPLACED STEEL (PAINT)	126976.	.00
0421221	REPL BRK GLAS-STEEL(SAFTY GLAS	240796.	.00
0421222	REPAIR STEEL (SAFTY GLAS)PAINT	2054063.	.03
0421224	REFIN STEEL(SAFTY GLAS) PAINTE	838380.	.01
0421225	REPLACE STEEL(SAFTY GLAS) PAIN	481829.	.01
0421226	REFIN REPLACED STL(SAFTY GLAS)	30469.	.00
0421232	REPAIR STEEL SLIDING PAINTED E	241380.	.00
0421234	REFIN STEEL SLIDING PAINTED EX	43687.	.00
0421235	REPLACE STEEL SLIDING PAINTED	70765.	.00
0421236	REFIN REPLACED STEEL SLIDING P	1535.	.00
0421241	REPL BRK GLAS-STL(INSUL CORE)P	79.	.00
0421242	REPAIR STEEL (INSUL CORE) PAIN	756.	.00
0421244	REFIN STEEL (INSUL CORE) PAINT	320.	.00
0421245	REPLACE STEEL(INSUL CORE) PAIN	282.	.00
0421246	REFIN REPLACED STL(INSUL CORE)	12.	.00
0421312	REPAIR STEEL (UNPAINTED) EXTER	36666.	.00
0421315	REPLACE STEEL (UNPAINTED) EXTE	7975.	.00
0421321	REPL BRK GLAS STEEL(SAFTY GLAS	5434.	.00
0421322	REPAIR STEEL(SAFTY GLAS) UNPNT	45944.	.00
0421325	REPLACE STEEL(SAFTY GLAS) UNPN	14333.	.00
0421332	REPAIR STEEL SLIDING PAINTED E	52020.	.00
0421335	REPLACE STEEL SLIDING UNPNT EX	23919.	.00
0422111	BROKEN GLASS:REPLACEMENT ALUMI	154388.	.00
0422112	REPAIR ALUMINIUM EXTERIOR DOOR	1683643.	.02
0422115	REPLACE ALUMINIUM EXTERIOR DOO	892117.	.01
0422121	REPL BRK GLAS-FUL GLAZ ALUM FR	610561.	.01
0422122	REPAIR-FUL GLAZED ALUM FRAME S	835552.	.01
0422125	REPLACE-FUL GLAZD ALUM FRAME S	1762987.	.03
0422211	BROKEN GLASS:REPL.WOOD FRAME(P	208740.	.00
0422212	REPAIR WOOD FRAME EXTERIOR DOO	3824228.	.06
0422214	REFINISH WOOD FRAME (PAINTED)	320295.	.00
0422215	REPLACE WOOD FRAME (PAINTED) E	568228.	.01
0422216	REFIN. REPLACED WOOD FRAME(PNT	22132.	.00
0422221	REPL BRK GLAS-FUL GLAZD WD FRA	10534.	.00
0422222	REPAIR-FUL GLAZ WD FRAME SLIDI	17124.	.00
0422224	REFIN-FUL GLAZED WD FRAME SLID	5077.	.00
0422225	REPLACE-FUL GLZED WD FAME SLID	21162.	.00
0422226	REFIN REPLACED-FUL GLZED WD SL	348.	.00
0423112	REPAIR HOLLOWCORE (PAINTED) EX	1960997.	.03

0423114	REFINISH HOLLOWCORE (PNTD)EXTE	600752.	.01
0423115	REPLACE HOLLOW CORE (PAINTED)	1637941.	.02
0423116	REFIN.REPLACED HOLLOW CORE (PN	83118.	.00
0423212	REPAIR SOLID CORE (PAINTED) EX	12522530.	.18
0423214	REFINISH SOLID CORE (PAINTED)	6594670.	.10
0423215	REPLACE SOLID CORE (PAINTED) E	15567650.	.23
0423216	REFIN. REPLACED SOLID CORE (PN	703841.	.01
0423222	REPAIR SOLID CORE SLIDING WOOD	152391.	.00
0423224	REFIN SOLID CORE SLIDING WOOD	124698.	.00
0423225	REPLACE SOLID CORE SLIDING WOO	262130.	.00
0423226	REFIN REPLACED SOLID CORE SLID	14230.	.00
0423231	REPL BRK GLAS SOLID CORE(SAFTY	5279123.	.08
0423232	REPAIR SOLID CORE(SAFTY GLAS)	4053555.	.06
0423234	REFIN SOLID CORE(SAFTY GLAS) P	2198153.	.03
0423235	REPLACE SOLID CORE(SAFTY GLAS)	5047722.	.07
0423236	REFIN REPL SOLID CORE(SFTY GLA	232692.	.00
0424112	REPAIR METAL GRATED PAINTED EX	13070.	.00
0424114	REFINISH METAL GRATED PAINTED	100185.	.00
0424122	REPAIR METAL GRATED UNPAINTED	1321.	.00
0424212	REPAIR METAL WIRE MESH PAINED	546.	.00
0424214	REFINSH METAL WIRE MESH PAINTE	35772.	.00
0424222	REPAIR METAL WIRE MESH UNPAINT	787.	.00
0424312	REPAIR ALUM LOUVERED EXT DOOR	15132.	.00
0424313	REFIN REPAIRED ALUM LOUVERED E	525.	.00
0424314	REFINISH ALUM LOUVERED EXT DOO	5692.	.00
0424315	REPLACE ALUM LOUVERED EXT DOOR	12375.	.00
0424316	REFIN REPLACED ALUM LOUVERED E	288.	.00
0424322	REPAIR STEEL LOUVERED EXT DOOR	349681.	.01
0424323	REFIN REPAIRED STEEL LOUVERED	12225.	.00
0424324	REFINISH STEEL LOUVERED EXT DO	170785.	.00
0424325	REPLACE STEEL LOUVERED EXT DOO	154391.	.00
0424326	REFIN REPLACED STEEL LOUVERED	6100.	.00
0424332	REPAIR WOOD LOUVERED EXT DOOR	27141.	.00
0424333	REFIN REPLACED WOOD LOUVERED E	832.	.00
0424334	REFINISH WOOD LOUVERED EXT DOO	5928.	.00
0424335	REPLACE WOOD LOUVERED EXT DOOR	14758.	.00
0424336	REFIN REPLACED WOOD LOUVERED E	601.	.00
0425202	REPAIR STEEL EXT GATE (WALK &	22894.	.00
0425203	REFIN REPAIRED STEEL EXT GATE	703.	.00
0425204	REFINISH STEEL EXT GATE	6088.	.00
0425205	REPLACE STEEL EXT GATE (WALK &	13123.	.00
0425206	REFIN REPLACED STL EXT GATE (W	311.	.00
0425302	REPAIR WOOD EXT GATE (WALK & D	4630524.	.07
0425303	REFINISH REPAIRED WOODEN EXT G	47905.	.00
0425304	REFINISH WOOD EXT GATE	228068.	.00
0425305	REPLACE WOOD EXT GATE (WALK &	3546140.	.05
0425306	REFIN REPLACED WOOD EXT GATE	46857.	.00
0426112	REPAIR ALUMINIUM (P/A) EXTERIO	29633050.	.44
0426115	REPLACE ALUMINIUM (P/A) EXTERI	19935920.	.29
0427102	REPR.STEEL FRM.SINGLE(PNTD) DR	2855405.	.04
0427104	REFINISH STEEL FRAME (PAINTED)	2337274.	.03
0427105	REPLACE STEEL FRAME SINGLE (PN	1233328.	.02
0427106	REFIN.REPLC.STEEL FRM.SINGLE(P	77921.	.00
0427202	REPR.STEEL FRM.DBL.(PNT)EXT.DR	114002.	.00
0427204	REFN.STEEL FRM.DBL.(PND)EXT.DR	200626.	.00
0427205	REPLC.STEEL FRM.DBL(PND)EXT.DR	90469.	.00
0427206	RPLC.FIN.ST.FRM.DBL(PND)EXT.DR	6123.	.00
0427302	REPAIR ALUM SINGLE ROLL-UP EXT	765333.	.01
0427304	REFINISH ALUM SINGLE ROLL-UP E	309602.	.00
0427305	REPLACE ALUM SINGLE ROLL-UP EX	206805.	.00
0427306	REFIN REPLACED ALUM SINGLE ROL	17300.	.00
0427502	REPAIR WOOD SINGLE ROLL-UP DOO	2346969.	.03
0427504	REFINISH WOOD SINGLE ROLL-UP E	1176065.	.02
0427505	REPLACE WOOD SINGLE ROLL-UP EX	1953416.	.03
0427506	REFIN REPLACED WOOD SINGLE ROL	93124.	.00
0427602	REPAIR WOOD DOUBLE ROLL-UP EXT	82660.	.00
0427604	REFINISH WOOD DOUBLE ROLL-UP E	61781.	.00
0427605	REPLACE WOOD DOUBLE ROLL-UP EX	102401.	.00
0427606	REFIN REPLACED WOOD DBL ROLL-U	4947.	.00
0431111	BROKEN GLASS:REPLACEMT.ALUM.WN	4983067.	.07
0431112	REPAIR ALUMINIUM EXTERIOR WND.	988642.	.01
0431115	REPLACE ALUMINIUM EXTERIOR WND	15893140.	.23

0431121	BROKEN GLASS:REPLCMT.ALUM.WND.	3208087.	.05
0431122	REPAIR ALUMINIUM EXTERIOR WND.	546110.	.01
0431125	REPLACE ALUMINIUM EXTERIOR WND	7398601.	.11
0431131	BROKEN GLASS:REPLCMT.ALUM.EXT.	8254839.	.12
0431132	REPAIR ALUMINUM EXTERIOR WDW.	282621.	.00
0431135	REPLACE ALUMINIUM EXTERIOR WDW	3369753.	.05
0431211	BROKEN GLASS:REPLMNT.STEEL FRM	549186.	.01
0431212	REPAIR STEEL FRM.(PNT)OPER.WND	142276.	.00
0431214	REFINISH STEEL FRM.(PAINT)EXT.	1179391.	.02
0431215	REPLACE STEEL FRM.(PNTD)EXT.WD	2361051.	.03
0431216	REFIN.REPLCD.STEEL FRM.(PNTD)W	50127.	.00
0431221	BRKN.GLS:RPLMT.STL.FRM(PNTD)EX	291387.	.00
0431222	REPAIR STEEL FRM.(PNT)OPER.WND	61004.	.00
0431224	REFINISH STEEL FRAME(PNTD)EXT.	2561207.	.04
0431225	REPLACE STEEL FRM(PNTD)EXT. WD	983599.	.01
0431226	REFIN.RPLC.STEEL FRM(PNTD)EXT.	110896.	.00
0431231	BR.GLS:REPLMNT.STEEL FRM(PNTD)	175088.	.00
0431232	REPAIR STEEL FRM.(PNT)OPER.WND	37803.	.00
0431234	REFINISH STEEL FRM(PNTD)EXT.WD	1940936.	.03
0431235	REPLACE STEEL FRM(PNTD)EXT.WDW	523905.	.01
0431236	REFN.RPLCD.STEEL FRM(PNTD)EXT.	83534.	.00
0431311	BR.GLS:RPLMT.WOOD FRM(PNT)EXT.	1788556.	.03
0431312	REPAIR WOOD FRM.(PNT)OPER.WNDW	395616.	.01
0431314	REFINISH WOOD FRAME(PNTD)EXT.W	5887597.	.09
0431315	REPLACE WOOD FRM(PNTD)EXT.WDW.	10496440.	.15
0431316	REFIN.RPLCD.WOOD FRM(PNTD)EXT.	515048.	.01
0431321	BRKN.GLS:RPLMNT.WOOD FRM(PNT)E	1152576.	.02
0431322	REPAIR WOOD FRM.(PNT)OPER.WNDW	201927.	.00
0431324	REFINISH WOOD FRAME(PNTD)EXT.W	13024040.	.19
0431325	REPLACE WOOD FRAME(PNTD)EXT.WD	4711996.	.07
0431326	REFIN.RPLCD.WOOD FRM(PNT)EXT.W	1156862.	.02
0431331	BRKN GLS:RPLMNT.WOOD FRM(PNT)E	39203.	.00
0431332	REPAIR WOOD FRM.(PNT)OPER.WNDW	6974.	.00
0431334	REFINISH WOOD FRM(PNTD)EXT.WDW	554518.	.01
0431335	REPLACE WOOD FRM(PNTD)EXT.WDW.	148038.	.00
0431336	REFIN.REPLCD.WOOD FRM(PNT)EXT.	48947.	.00
0431611	BRKN.GLS:RPLMNT.ALUM.(DBL)EXT.	5672815.	.08
0431612	REPAIR ALUMINUM(DOUBLE)EXT.WDW	669091.	.01
0431615	REPLACE ALUMINIUM(DOUBLE)EXT.W	12497900.	.18
0431621	BRKN.GLS:RPLMNT.ALUM.(DBL)EXT.	4628565.	.07
0431622	REPAIR ALUMINUM(DOUBLE)EXT.WDW	546634.	.01
0431625	REPLACE ALUMINUM(DOUBLE)EXT.WD	8656194.	.13
0431631	BRKN.GLS:REPLMNT.ALUM.(DBL)EXT	299026.	.00
0431632	REPAIR ALUMINUM(DOUBLE)EXT.WDW	36704.	.00
0431635	REPLACE ALUMINUM(DOUBLE)EXT.WD	510256.	.01
0431711	BRKN.GLS:RPLMT.STEEL.FRM(DBL)E	5853.	.00
0431712	REPAIR STEEL FRM.(DBL)OPER.WND	494.	.00
0431714	REFINISH STEEL FRAME(DBL)EXT.W	7189.	.00
0431715	REPLACE STEEL FRAME(DBL)EXT.WD	18244.	.00
0431716	REFIN.REPLC.STEEL FRM.(DBL)EXT	296.	.00
0431811	BRKN.GLS:RPLMNT.WOOD FRM(DBL)E	1073340.	.02
0431812	REPAIR WOOD FRM.(DBL)EXT. WNDW	135832.	.00
0431814	REFINISH WOOD FRAME(DBL)EXT.WD	3707803.	.05
0431815	REPLACE WOOD FRAME(DBL)EXT.WDW	4335764.	.06
0431816	REFIN.REPLC.WOOD FRM(DBL)EXT.W	344692.	.01
0431821	BRKN.GLS:RPLMNT.WOOD FRM(DBL)E	601126.	.01
0431822	REPAIR WOOD FRM.(DBL)EXT. WNDW	74505.	.00
0431824	REFINISH WOOD FRAME(DBL)EXT.WD	4876127.	.07
0431825	REPLACE WOOD FRAME(DBL)EXT.WDW	1992006.	.03
0431826	REFIN.REPLC.WOOD FRM(DBL)EXT.W	453580.	.01
0431911	BRKN.GLS:RPLMT.PLASTIC(WD.CR)E	1089.	.00
0431912	REPR.PLAST(WD.CR)FRM.DBL.EXT.W	247.	.00
0431915	RPLC.PLAST(WD.CR)FRM.DBL.EXT.W	2853.	.00
0431921	BRKN.GLS:RPLMT.PLASTIC(WD.CR)E	1758.	.00
0431922	REPR.PLAST(WD.CR)FRM.DBL.EXT.W	379.	.00
0431925	RPLC.PLAST(WD.CR)FRM.DBL.EXT.W	4025.	.00
0432111	BRKN.GLS:RPLMNT.ALUM.FIX.EXT.W	673779.	.01
0432112	REPAIR ALUMINUM FIX.EXT.WDW.1S	126177.	.00
0432115	REPLACE ALUMINUM FIX.EXT.WDW.1	1837012.	.03
0432121	BRKN.GLS:REPLMT.ALUM.FIX.EXT.W	286551.	.00
0432122	REPAIR ALUMINUM FIX.EXT.WDW.2N	46534.	.00
0432125	REPLACE ALUMINUM FIXED EXT.WDW	572729.	.01

0432131	BRKN.GLS:REPLMT ALUM.FIX.EXT.W	239352.	.00
0432132	REPAIR ALUMINUM FIXED EXT.WDW.	41360.	.00
0432135	REPLACE ALUMINUM FIXED EXT.WDW	446068.	.01
0432211	BRKN.GLS:RPLMT.STEEL FRM(PND)E	93762.	.00
0432212	REPAIR STEEL FRAME(PNT)EXT.WDW	19480.	.00
0432214	REFINISH STEEL FRAME(PNT)EXT.W	201166.	.00
0432215	REPLACE STEEL FRAME(PNTD)EXT.W	211257.	.00
0432216	REFIN.RPLC.STEEL FRM.FIX.EXT.W	8438.	.00
0432221	BRKN.GLS:RPLMT.STEEL FRM.FIX.E	40949.	.00
0432222	REPR.STEEL FRAME FIX.EXT.WDW.2	7827.	.00
0432224	REFIN.STEEL FRAME FIX.EXT.WDW.	356514.	.01
0432225	REPLC.STEEL FRAME FIX.EXT.WDW.	65425.	.00
0432226	REFIN.RPLC.STEEL FRM.FIX.EXT.W	14739.	.00
0432231	BRKN.GLS:RPLMT.STEEL FRM.FIX.E	296.	.00
0432232	REPAR.STEEL FRAME FIX.EXT.WDW.	53.	.00
0432234	REFINISH STEEL FRAME FIX.EXT.W	3333.	.00
0432235	REPLACE STEEL FRAME FIX.EXT.WD	621.	.00
0432236	REFIN.RPLC.STEEL FRM.FIX.EXT.W	147.	.00
0432311	BRKN.GLS:REPLMT.WOOD FRM.FIX.E	290467.	.00
0432312	REPAIR WOOD FRAME FIX.EXT.WDW.	84108.	.00
0432314	REFINISH WOOD FRAME FIX.EXT.WD	2457288.	.04
0432315	REPLACE WOOD FRAME FIX.EXT.WDW	3209014.	.05
0432316	REFIN.RPLC.WOOD FRM.FIX.EXT.WD	217317.	.00
0432321	BRKN.GLS:RPLMT.WOOD FRM.FIX.EX	80848.	.00
0432322	REPAIR WOOD FRAME FIXED EXT.WD	17462.	.00
0432324	REFINISH WOOD FRAME FIX.EXT.WD	1064812.	.02
0432325	REPLACE WOOD FRAME FIX.EXT.WDW	581598.	.01
0432326	REFIN.RPLC.WOOD FRM.FIX.EXT.WD	94535.	.00
0432331	BRKN.GLS:RPLMT.WOOD FRM.FIX.EX	8444.	.00
0432332	REPAIR WOOD FRAME FIX.EXT.WDW.	1828.	.00
0432334	REFINISH WOOD FRAME FIX.EXT.WD	129952.	.00
0432335	REPLACE WOOD FRAME FIX.EXT.WDW	52472.	.00
0432336	REFIN.RPLC.WOOD FRM.FIX.EXT.WD	11067.	.00
0432611	BRKN.GLS:RPLMT.ALUM.FIX(DBL)EX	494473.	.01
0432612	REPAIR ALUMINUM FIX(DBL)EXT.WD	50402.	.00
0432615	REPLACE ALUMINUM FIX(DBL)EXT.W	839622.	.01
0432621	BRKN.GLS:RPLMT.ALUM.FIX(DBL)EX	499322.	.01
0432622	REPAIR ALUMINUM FIX(DBL)EXT.WD	52215.	.00
0432625	REPLACE ALUMINUM FIX(DBL)EXT.W	731889.	.01
0432631	BRKN.GLS:REPLMT.ALUM.FIX(DBL)E	278770.	.00
0432632	REPAIR ALUMINUM FIX(DBL)EXT.WD	32237.	.00
0432635	REPLACE ALUMINUM FIX(DBL)EXT.W	397492.	.01
0432711	BRKN.GLS:RPLMT.STEEL FRM.FIX(D	130.	.00
0432712	REPAIR STEEL FRM(DBL)FIX.EXT.W	16.	.00
0432714	REFIN.STEEL FRM(DBL)FIX.EXT.WD	157.	.00
0432715	REPLCE.STEEL FRM(DBL)FIX.EXT.W	229.	.00
0432716	RFN.RPLC.STL.FRM(DBL)FIX.EXT.W	6.	.00
0433112	REPAIR WOOD LOUVER IN FRAME 1S	1071769.	.02
0433113	REFIN REPAIRD WD LOUVER IN FRA	7246.	.00
0433114	REFINISH WOOD LOUVER IN FRAME	936026.	.01
0433115	REPLACE WOOD LOUVER IN FRAME 1	216535.	.00
0433116	REFIN REPLACD WOOD LOUVR IN FR	40235.	.00
0433122	REPAIR WOOD LOUVER IN FRAME 2N	865154.	.01
0433123	REFIN REPLCED WD LOUVER IN FRA	14192.	.00
0433124	REFINISH WOOD LOUVER IN FRAME	1268938.	.02
0433125	REPLACE WOOD LOUVER IN FRAME 2	199011.	.00
0433126	REFIN REPLACD WD LOUVER IN FRA	54205.	.00
0433132	REPAIR WOOD LOUVER IN FRAME 3R	518081.	.01
0433133	REFIN REPAIRD WD LOUVER IN FRA	10563.	.00
0433134	REFINISH WOOD LOUVER IN FRAME	1047018.	.02
0433135	REPLACE WOOD LOUVER IN FRAME 3	137118.	.00
0433136	REFIN REPLACD WD LOUVER IN FRA	42139.	.00
0433212	REPAIR ALUM LOUVER IN FRAME 1S	6730445.	.10
0433213	REFIN REPRAIRD ALUM LOUV IN FR	12218.	.00
0433214	REFINISH ALUM LOUVER IN FRAME	3340456.	.05
0433215	REPLACE ALUM LOUVER IN FRAME 1	2278757.	.03
0433216	REFIN REPLCED ALUM LOUVR IN FR	138686.	.00
0433222	REPAIR ALUMINUM LOUVER(FRAMED)	1569133.	.02
0433223	REFINISH REPAIRED ALUMINUM LOU	6996.	.00
0433224	REFINISH ALUMINUM LOUVER(FRAME	1344176.	.02
0433225	REPLACE ALUMINUM LOUVER(FRAMED	530831.	.01
0433226	REFINISH REPLACED ALUMIN.LOUVE	55541.	.00

0433232	REPAIR ALUMINUM LOUVER (FRAMED	365731.	.01
0433233	REFINISH REPAIRED ALUMIN.(FRMD	2112.	.00
0433234	REFINISH ALUMINUM LOUVER (FRMD	445899.	.01
0433235	REPLACE ALUMINUM LOUVER (FRAME	123619.	.00
0433236	REFINISH REPLACED ALUMIN.LOUVE	18371.	.00
0433312	REPAIR STEEL LOUVER (FRAMED) 1	1690511.	.02
0433313	REFINISH REPAIRED STEEL (FRAME	5166.	.00
0433314	REFINISH STEEL LOUVER (FRAMEED	1858543.	.03
0433322	REPAIR STEEL LOUVER (FRAME) 2N	49044.	.00
0433323	REFIN.REPLCD.STEEL LOUVER (FRM	339.	.00
0433324	REFINISH STEEL LOUVER (FRAMED)	82688.	.00
0433332	REPAIR STEEL LOUVER (FRAMED) 3	441.	.00
0433333	REFINISH REPRD.STEEL LOUVER (F	4.	.00
0433334	REFINISH STEEL LOUVER (FRAMED)	1030.	.00
0433512	REPAIR ALUMINUM SHUTTER (FRAME	1325380.	.02
0433513	REFIN. REPRD. ALUMIN. (FRAMED)	2404.	.00
0433514	REFINISH ALUMINUM SHUTTER (FRM	517453.	.01
0433515	REPLACE ALUMINUM SHUTTER (FRAM	278157.	.00
0433516	REFIN.REPLCD.ALUMIN.SHUTTER (F	21042.	.00
0433522	REPAIR ALUMINUM SHUTTER (FRAME	162730.	.00
0433523	REFIN.REPLCD.ALUMIN.SHUTTER (F	727.	.00
0433524	REFINISH ALUMINUM SHUTTER (FRM	107933.	.00
0433525	REPLACE ALUMINUM SHUTTER (FRAM	35571.	.00
0433526	REFIN.REPLCD.ALUMIN.SHUTTER (F	4392.	.00
0434111	BRKN.GLS.RPLMT:ALUM.FRM.STORM	686529.	.01
0434112	REPAIR ALUMINUM FRM. STORM WIN	1609708.	.02
0434114	REFINISH ALUMINUM FRM.STORM WI	3573090.	.05
0434115	REPLACE ALUMINUM FRM.STORM WIN	1065759.	.02
0434116	REFIN.REPLCD.ALUM.FRM.STORM WI	146971.	.00
0434121	BRKN.GLS.RPLMT.ALUM.FRM.STORM	317364.	.00
0434122	REPAIR ALUMINUM FRM.STORM WIND	843171.	.01
0434124	REFINISH ALUMINUM FRM.STORM WI	2090044.	.03
0434125	REPLACE ALUMINUM FRM.STORM WIN	366204.	.01
0434126	REFIN.REPLCD.ALUM.FRM.STORM WI	86932.	.00
0434131	BRKN.GLS.RPLMT.ALUM.FRM.STORM	113399.	.00
0434132	REPAIR ALUMINUM FRM.STORM WIND	310676.	.00
0434134	REFINISH ALUMINUM FRM.STORM WI	895797.	.01
0434135	REPLACE ALUMINUM FRM.STORM WIN	113564.	.00
0434136	REFIN.REPLCD.ALUM.FRM.STORM WI	36424.	.00
0434211	BRK.GLS.RPLMT.STEEL FRM.STORM	551.	.00
0434212	REPAIR STEEL FRAME STORM WINDO	696.	.00
0434214	REFINISH STEEL FRM.STORM WINDO	3031.	.00
0434215	REPLACE STEEL FRAME STORM WIND	854.	.00
0434216	REFIN.REPLCD.STEEL FRAME WINDO	139.	.00
0434221	BRK.GLS.RPLMT.STEEL FRM.STORM	853.	.00
0434222	REPAIR STEEL FRAME STORM WINDO	1198.	.00
0434224	REFINISH STEEL FRAME STORM WIN	5821.	.00
0434225	REPLACE STEEL FRAME STORM WIND	978.	.00
0434226	REFIN.REPLCD. STEEL FRAME WIND	266.	.00
0434311	BRKN.GLS.RPLMT.WOOD FRM.STORM	15579.	.00
0434312	REPAIR WOOD FRAME STORM WINDOW	43582.	.00
0434314	REFINISH WOOD FRAME STORM WIND	80967.	.00
0434315	REPLACE WOOD FRAME STORM WINDO	41319.	.00
0434316	REFIN.REPLCD. WOOD FRAME WINDO	6594.	.00
0434321	BRKN.GLS.RPLMT:WOOD FRM.STORM	23811.	.00
0434322	REPAIR WOOD FRAME STORM WINDOW	74999.	.00
0434324	REFINISH WOOD FRAME STORM WIND	155281.	.00
0434325	REPLACE WOOD FRAME STORM WINDO	46494.	.00
0434326	REFIN.REPLCD. WOOD FRM.STORM W	12646.	.00
0434412	REPAIR METAL WINDOW GRATINGS 1	619532.	.01
0434414	REFINISH METAL WINDOW GRATING	4535611.	.07
0434422	REPAIR METAL WINDOW GRATING 2N	40502.	.00
0434424	REFINISH METAL WINDOW GRATING	451993.	.01
0434432	REPAIR METAL WINDOW GRATINGS 3	9919.	.00
0434434	REFINISH METAL WINDOW GRATING	198976.	.00
0434512	REPAIR METAL MESH WINDOW COVER	1356.	.00
0434514	REFINISH METAL MESH WINDOW COV	876706.	.01
0434522	REPAIR METAL MESH WINDOW COVER	288.	.00
0434524	REFINISH METAL MESH WINDOW COV	357073.	.01
0434612	REPAIR ALUMINUM FRAME SCREEN 1	474685.	.01
0434614	REFINISH ALUMINUM FRAME SCREEN	19123930.	.28
0434615	REPLACE ALUMINUM FRAME SCREEN	3283468.	.05

0434616	REFIN.REPLCD.ALUMIN.FRAME SCRE	805141.	.01
0434622	REPAIR ALUMINUM FRAME SCREEN 2	221338.	.00
0434624	REFINISH ALUMINUM FRAME SCREEN	14585930.	.22
0434625	REPLACE ALUMINUM FRAME SCREEN	1478648.	.02
0434626	REFIN.REPLCD.ALUMIN.FRAME SCRE	609228.	.01
0434632	REPAIR ALUMINUM FRAME SCREEN C	28251.	.00
0434634	REFINISH ALUMINUM FRAME SCREEN	2569265.	.04
0434635	REPLACE ALUMINUM FRAME SCREEN	246951.	.00
0434636	REFIN.REPLCD.ALUMIN.FRAME SCRE	113676.	.00
0434712	REPAIR STEEL FRAME SCREEN COVE	1025.	.00
0434714	REFINISH STEEL FRAME SCREEN CV	44181.	.00
0434715	REPLACE STEEL FRAME SCREEN COV	9250.	.00
0434716	REFIN.REPLCD.STEEL FRAME SCREE	1955.	.00
0434722	REPAIR STEEL FRAME SCREEN COVE	751.	.00
0434724	REFINISH STEEL FRAME SCREEN CO	53413.	.00
0434725	REPLACE STEEL FRAME SCREEN COV	7446.	.00
0434726	REFIN.REPLCD.STEEL FRAME SCREE	2374.	.00
0434812	REPAIR WOOD FRAME SCREEN COVER	6163.	.00
0434814	REFINISH WOOD FRAME SCREEN COV	428299.	.01
0434815	REPLACE WOOD FRAME SCREEN COVE	252890.	.00
0434816	REFIN.REPLCD.WOOD FRAME SCREEN	52354.	.00
0434822	REPAIR WOOD FRAME SCREEN COVER	4235.	.00
0434824	REFINISH WOOD FRAME SCREEN COV	473917.	.01
0434825	REPLACE WOOD FRAME SCREEN COVE	183312.	.00
0434826	REFIN.REPLCD.WOOD FRAME SCREEN	59862.	.00
0434911	BRKN.GLS.RPLMT:LEAD-LINED WIND	340.	.00
0434912	REPAIR LEAD-LINED WINDOW 1ST F	377.	.00
0434914	REFINISH LEAD-LINED WINDOW 1ST	1741.	.00
0434915	REPLACE LEAD-LINED WINDOW 1ST	1096.	.00
0434916	REFIN.REPLCD.LEAD-LINED WINDOW	71.	.00
0441102	REPAIR CONCRETE DECKING EXTERI	9021389.	.13
0441103	REFINISH REPAIRED CONC.DECKING	148217.	.00
0441104	REFINISH CONCRETE DECKING EXTE	16149860.	.24
0441202	REPAIR WOOD DECKING EXTERIOR P	56839.	.00
0441203	REFINISH REPAIRED WOOD DECKING	8811.	.00
0441204	REFINISH WOOD DECKING EXTERIOR	1246901.	.02
0441302	REPAIR METAL DECKING EXTERIOR	44852.	.00
0441303	REFINISH REPAIRED METAL DECK.E	745.	.00
0441304	REFINISH METAL DECKING EXTERIO	88105.	.00
0441305	REPLACE METAL DECKING EXTERIOR	48869.	.00
0441306	REFINISH REPLACED METAL DECK.E	5875.	.00
0442102	REPAIR WROUGHT IRON RAILING EX	16457.	.00
0442103	REFIN.REPRED.WROUGHT IRON RAIL	407.	.00
0442104	REFINISH WROUGHT IRON RAILING	74422.	.00
0442202	REPAIR WOOD RAILING EXTERIOR P	267485.	.00
0442203	REFINISH REPAIRED WOOD RAILING	3423.	.00
0442204	REFINISH WOOD RAILING EXTERIOR	178958.	.00
0442205	REPLACE WOOD RAILING EXTERIOR	291993.	.00
0442206	REFINISH REPLACED WOOD RAILING	11080.	.00
0442302	REPAIR STEEL(METAL)PNT.RAILING	1490024.	.02
0442303	REFIN.REPRD.STEEL(METAL)PNT.RA	7550.	.00
0442304	REFINISH STEEL (METAL)PNT.RAIL	1317181.	.02
0442402	REPAIR STEEL (METAL)UNPNT.RAIL	354218.	.01
0443102	REPAIR CONCRETE SUPPORTS EXTER	119370.	.00
0443103	REFINISH REPAIRED CONCR.SUPPT.	1933.	.00
0443104	REFINISH CONCRETE SUPPORTS EXT	282649.	.00
0443202	REPAIR WOOD SUPPORTS EXTERIOR	49594.	.00
0443203	REFINISH REPAIRED WOOD SUPPORT	8020.	.00
0443204	REFINISH WOOD SUPPORTS EXTERIO	499410.	.01
0443205	REPLACE WOOD SUPPORTS EXTERIOR	304589.	.00
0443206	REFINISH REPLACED WOOD SUPPT.E	48518.	.00
0443302	REPAIR CLAY BRICK SUPPORTS EXT	4921.	.00
0443303	REFIN.REPRED.CLAY BRICK SUPPT.	147.	.00
0443304	REFINISH CLAY BRICK SUPPORTS E	16888.	.00
0443402	REPAIR STEEL(METAL)EXT. PORCH-	11615.	.00
0443403	REFIN.RPRD.STEEL(METAL)EXT.POR	219.	.00
0443404	REFINISH STEEL(METAL) EXT. POR	15693.	.00
0444102	REPAIR METAL COLUMN EXTERIOR P	3059297.	.05
0444103	REFINISH REPAIRED METAL COLUMN	163349.	.00
0444104	REFINISH METAL COLUMN EXTERIOR	2335769.	.03
0444202	REPAIR WOOD COLUMNS EXTERIOR P	251889.	.00
0444203	REFINISH REPAIRED WOOD COLUMN	46606.	.00

0444204	REFINISH WOOD COLUMN EXTERIOR	1006385.	.01
0444302	REPAIR CLAY BRICK COLUMN EXTER	2794.	.00
0444303	REFIN.REPRED.CLAY BRICK COLUMN	303.	.00
0444304	REFINISH CLAY BRICK COLUMN EXT	8403.	.00
0451102	REPAIR STONE CORNICE EXTERIOR	550346.	.01
0451202	REPAIR WOOD CORNICE EXTERIOR O	102139.	.00
0451203	REFINISH REPAIRED WOOD CORNICE	57982.	.00
0451204	REFINISH WOOD CORNICE EXTERIOR	3467414.	.05
0461102	REPAIR WOOD RAILINGS EXTERIOR	26176.	.00
0461103	REFINISH REPAIRED WOOD RAILING	2223.	.00
0461104	REFINISH WOOD RAILING EXTERIOR	116911.	.00
0461105	REPLACE WOOD RAILINGS EXTERIOR	117317.	.00
0461106	REFINISH REPLACED WOOD RAILING	7196.	.00
0461202	REPAIR METAL RAILING EXTERIOR	319239.	.00
0461203	REFINISH REPAIRED METAL RAILNG	11439.	.00
0461204	REFINISH METAL RAILING EXTERIO	913681.	.01
0461302	REPAIR WROUGHT IRON EXT. STAIR	1953.	.00
0461303	REFIN.REPRD.WROUGHT IRON EXT.S	58.	.00
0461304	REFINISH WROUGHT IRON EXT. STA	11205.	.00
0462102	REPAIR CONCRETE STEPS EXTERIOR	1426057.	.02
0462202	REPAIR WOOD STEPS EXTERIOR STA	96017.	.00
0462203	REFINISH REPAIR WOOD STEPS EXT	5877.	.00
0462204	REFINISH WOOD STAIRS EXTERIOR	301666.	.00
0462205	REPLACE WOOD STEPS EXTERIOR ST	560066.	.01
0462206	REFINISH REPLACE WOOD STEPS EX	18604.	.00
0462302	REPAIR METAL STEPS EXTERIOR ST	131432.	.00
0462303	REFINISH REPAIRED METAL STEPS	1920.	.00
0462304	REFINISH METAL STEPS EXTERIOR	118592.	.00
0462402	REPAIR MASONRY STEP UNPNAINTED	2199.	.00
0462602	REPAIR QUARRY TILE STEPS EXTER	670.	.00
0471105	REPLACE BRASS HINGE EXTERIOR H	362848.	.01
0472105	REPLACE BRASS LOCKSET EXTERIOR	1723389.	.03
0473105	REPLACE BRASS CLOSER EXTERIOR	333976.	.00
0474105	REPLACE BRASS DEADBOLT EXTERIO	40236.	.00
0475105	REPLACE BRASS WEATHERSTRIPPING	17287.	.00
0476105	REPLACE METAL EXITBOLT EXTERIO	45776.	.00
0521102	REPAIR STEEL INT. PARTITION	7931.	.00
0521105	REPLACE STEEL INT. PARTITIONS	230879.	.00
0522102	REPAIR FABRIC INT. PARTITIONS	26521.	.00
0522105	REPLACE FABRIC INT. PARTITIONS	1635770.	.02
0531112	REPAIR STEEL PAINTED INTERIOR	4026221.	.06
0531114	REFINISH STEEL PAINTED INTERIO	1428533.	.02
0531115	REPLACE STEEL PAINTED INTERIOR	846699.	.01
0531116	REFIN.REPLCD. STEEL PAINTED IN	54417.	.00
0531121	BRKN.GLS.RPLMT:STEEL(SAFETY)PN	9310.	.00
0531122	REPAIR STEEL (SAFETY GLS)PNT.	78507.	.00
0531124	REFINISH STEEL (SAFETY GLS) PN	28384.	.00
0531125	REPLACE STEEL (W/SAFETY GLS)PN	22118.	.00
0531126	REFIN.REPLCD.STEEL(SAFE GLS)PN	1051.	.00
0531132	REPAIR STEEL SLIDING PNTD. INT	9653671.	.14
0531134	REFINISH STEEL SLIDING PNTD. I	1742404.	.03
0531135	REPLACE STEEL SLIDING PAINT. I	4696821.	.07
0531136	REFIN.REPLCD.STEEL SLIDING PNT	67359.	.00
0531141	BRKN.GLS.RPLMT:STEEL(INSUL)PNT	79.	.00
0531142	REPAIR STEEL (INSUL) PNTD. INT	753.	.00
0531144	REFINISH STEEL (INSUL CORE)PNT	273.	.00
0531145	REPLACE STEEL (INSUL.CORE)PNTD	282.	.00
0531146	REFIN.REPLCD.STEEL(INSL.CORE)P	11.	.00
0531212	REPAIR STEEL UNPAINTED INTERIO	108881.	.00
0531215	REPLACE STEEL UNPAINTED INTERI	24658.	.00
0531221	BRK.GLS.RPLMT:STEEL(SAFETY)UNP	551.	.00
0531222	REPAIR STEEL (SAFETY GLS)UNPT.	4632.	.00
0531225	REPLACE STEEL(SAFETY GLS)UNPNT	1593.	.00
0531232	REPAIR STEEL SLIDING UNPNTD. I	14078.	.00
0531235	REPLACE STEEL SLIDING UNPNT.IN	8007.	.00
0531312	REPAIR ALUMINUM (P & ANDZ)INTE	497231.	.01
0531315	REPLACE ALUMINUM (P & ANDZ)INT	204933.	.00
0531321	BRKN.GLS.RPLMT:ALUMIN.(SAFE.GL	32110.	.00
0531322	REPAIR ALUMINUM(SAFETY GLS) IN	325389.	.00
0531325	REPLACE ALUMIN.(SAFETY GLS)P&A	163394.	.00
0531331	BRKN.GLS.RPLMT:ALUMIN.SLIDING	116172.	.00
0531332	REPAIR ALUMINUM SLIDING INTERI	2897262.	.04

0531335	REPLACE ALUMINUM SLIDING INTER	1524375.	.02
0532111	BRKN.GLS.RPLMT:ALUM.FULL-GLASS	104584.	.00
0532112	REPAIR ALUM.FULL-GLASS FRM.INT	331848.	.00
0532115	REPLACE ALUMIN. FULL-GLASS FRM	183656.	.00
0532121	BRK.GLS.RPLMT:ALUM.FULL-GLS.SL	903.	.00
0532122	REPAIR ALUMIN.FULL-GLS.SLIDING	5825.	.00
0532125	REPLACE ALUMIN.FULL-GLS.SLIDIN	2149.	.00
0532211	BRK.GLS.RPLMT:WOOD FULL-GLS.FR	63999.	.00
0532212	REPAIR WOOD FULL-GLS.FRAMED IN	216119.	.00
0532214	REFINISH WOOD FULL-GLS.FRM.INT	28871.	.00
0532215	REPLACE WOOD FULL-GLS.FRAMED I	52253.	.00
0532216	REFIN.REPLCD.WOOD FULL-GLS.FRM	2026.	.00
0533112	REPAIR HOLLOW CORE PAINTED INT	118746400.	1.75
0533114	REFINISH HOLLOW CORE PAINTED I	34716980.	.51
0533115	REPLACE HOLLOW CORE PNTD.INTER	48492320.	.72
0533116	REFIN.REPLCD.HOLLOW CORE WOOD	4553942.	.07
0533122	REPAIR HOLLOW CORE SLIDING PNT	16302660.	.24
0533124	REFINISH HOLLOW CORE SLIDING I	2710200.	.04
0533125	REPLACE HOLLOW CORE SLIDING PN	6988557.	.10
0533126	REFIN.REPLCD.HOLLOW CORE SLIDI	372924.	.01
0533212	REPAIR SOLID CORE WOOD PAINT.	36686800.	.54
0533214	REFINISH SOLID CORE PAINT.INTE	18501470.	.27
0533215	REPLACE SOLID CORE PAINT.INTER	21129080.	.31
0533216	REFINI.REPLCD.SOLID CORE PAINT	1817888.	.03
0533222	REPAIR SOLID CORE SLIDING PNT.	13785600.	.20
0533224	REFINISH SOLID CORE SLIDING PN	2416036.	.04
0533225	REPLACE SOLID CORE SLIDING PNT	6942543.	.10
0533226	REFIN.REPLCD.SOLID CORE SLIDIN	252394.	.00
0533231	BRKN.GLS.RPLMT:SOLID CORE(SAFE	160991.	.00
0533232	REPAIR SOLID CORE (SAFETY)PAIN	1653692.	.02
0533234	REFINISH SOLID CORE(SAFETY)PAI	388356.	.01
0533235	REPLACE SOLID CORE(SAFETY)PNT.	1252579.	.02
0533236	REFIN.REPLCD.SOLID CORE(SAFETY	40601.	.00
0534112	REPAIR PANELED (PAINTED) INTER	945845.	.01
0534113	REFINISH REPRD.PANELED INT.BI-	103177.	.00
0534114	REFINISH PANELED (PAINTED) INT	625088.	.01
0534115	REPLACE PANELED (PAINTED) INTE	1603666.	.02
0534116	REFIN.REPLC.PANELED(PAINTED)IN	134525.	.00
0534122	REPAIR LOUVERED (PAINTED) INTE	366065.	.01
0534123	REFINISH REPRD.LOUVERED INT.BI	17054.	.00
0534124	REFINISH LOUVERED(PAINTED)INTE	283273.	.00
0534125	REPLACE LOUVERED (PAINTED) INT	649014.	.01
0534126	REFIN.REPLC.LOVERED(PAINTED)IN	60522.	.00
0534212	REPAIR ALUMINUM LOUVERD INTERI	15575.	.00
0534213	REFIN.REPRD.ALUMIN.LOUVERED IN	308.	.00
0534214	REFINISH ALUMINUM LOUVERED INT	2986.	.00
0534215	REPLACE ALUMINUM LOUVERED INTE	5377.	.00
0534216	REFIN.REPLCD.ALUMIN.LOUVERED I	135.	.00
0534222	REPAIR STEEL LOUVER INTERIOR D	1766898.	.03
0534223	REFIN.REPRD.STEEL LOUVER INTER	34957.	.00
0534224	REFINISH STEEL LOUVER INTERIOR	414374.	.01
0534225	REPLACE STEEL LOUVERED INTERIO	606152.	.01
0534226	REFIN.REPLCD.STEEL LOUVER INTE	16044.	.00
0534232	REPIAR WOOD LOUVER INTERIOR DO	13833650.	.20
0534233	REFIN.REPRD.WOOD LOUVER INTERI	258491.	.00
0534234	REFINISH WOOD LOUVER INTERIOR	1195240.	.02
0534235	REPLACE WOOD LOUVER INTERIOR D	4524247.	.07
0534236	REFIN.REPLCD.WOOD LOUVERED INT	122068.	.00
0534312	REPAIR STEEL VAULT INTERIOR DO	64769.	.00
0534322	REPAIR METAL WALK-IN COOLER IN	262911.	.00
0534325	REPLACE METAL WALK-IN COOLER I	465732.	.01
0534332	REPAIR LEAD-LINED(WOOD)MEDICAL	43058.	.00
0534335	REPLACE LEAD-LINED (WOOD)MEDIC	17899.	.00
0534412	REPAIR METAL MESH PAINTED INTE	87.	.00
0534414	REFINISH METAL MESH PAINT.INTE	2164.	.00
0551102	REPAIR CLAY BRICK CHIMNEY - FI	597248.	.01
0551202	REPAIR CONCRETE BRICK CHIMNEY-	11770.	.00
0551302	REPAIR STONE CHIMNEY - FIREPLA	309.	.00
0551402	REPAIR METAL PIPE CHIMNEY - FI	42197.	.00
0552102	REPAIR WOOD MANTEL - FIREPLACE	28413.	.00
0552103	REFINISH REPAIRED WOOD MANTEL-	1819.	.00
0552104	REFINISH WOOD MANTEL - FIREPLA	111808.	.00

0552105	REPLACE WOOD MANTEL - FIREPLAC	186242.	.00
0552106	REFINISH REPLACED WOOD MANTEL-	6826.	.00
0552202	REPAIR CONCRETE MANTEL - FIREP	23.	.00
0553102	REPAIR BRICK VENEER - FIREPLAC	4356.	.00
0553103	REFINISH REPAIRED BRICK VENEER	328.	.00
0553104	REFINISH BRICK VENEER - FIREPL	8367.	.00
0553402	REPAIR WOOD SURFACE - FIREPLAC	179.	.00
0553403	REFINISH REPAIRED WOOD SURFACE	17.	.00
0553404	REFINISH WOOD SURFACE - FIREPL	847.	.00
0553405	REPLACE WOOD SURFACE - FIREPLA	1205.	.00
0553406	REFINISH REPLACED WOOD SURFACE	60.	.00
0554102	REPAIR FIREBRICK - FIREPLACE	5638.	.00
0555202	REAPIR METAL PIPE FLUE, ARCHIT	381.	.00
0561102	REPAIR WOOD TRIM - INTERIOR OR	1235169.	.02
0561103	REFIN.REPRED.WOOD TRIM-INTERIO	475896.	.01
0561104	REFINISH WOOD TRIM - INTERIOR	20358660.	.30
0561105	REPLACE WOOD TRIM - INTERIOR O	8218570.	.12
0561106	REFIN.REPLCD.WOOD TRIM-INTERIO	1602625.	.02
0561202	REPAIR METAL TRIM - INTERIOR O	898.	.00
0561203	REFINISH REPAIRED METAL TRIM-I	319.	.00
0561204	REFINISH METAL TRIM - INTERIOR	18994.	.00
0561302	REPAIR TERRAZZO TRIM - INTERIO	87339.	.00
0561305	REPLACE TERRAZZO TRIM-INTERIOR	577473.	.01
0561402	REPAIR CERAMIC TRIM - INTERIOR	877834.	.01
0561405	REPLACE CERAMIC TRIM - INTERIO	10580810.	.16
0561602	REPAIR RUBBER TRIM - INTERIOR	176335.	.00
0561605	REPLACE RUBBER TRIM - INTERIOR	6992429.	.10
0571102	REPAIR WOOD RAILING - INTERIOR	134407.	.00
0571103	REFINISH REPAIRED WOOD RAILING	11089.	.00
0571104	REFINISH WOOD RAILING - INTERI	575224.	.01
0571105	REPLACE WOOD RAILING - INTERIO	594751.	.01
0571106	REFIN.REPLC.WOOD RAILING INTER	35593.	.00
0571202	REPAIR METAL RAILING - INTERIO	176801.	.00
0571203	REFIN.REPAIRED METAL RAILING I	7057.	.00
0571204	REFINISH METAL RAILING - INTER	576191.	.01
0572102	REPAIR CONCRETE STEPS - INTERI	687190.	.01
0572202	REPAIR WOOD STEPS -INTERIOR ST	484630.	.01
0572203	REFIN.REPAIRED WOOD STEPS INTE	29037.	.00
0572204	REFINISH WOOD STEPS - INTERIOR	1471359.	.02
0572205	REPLACE WOOD STEPS - INTERIOR	2791928.	.04
0572206	REFIN.REPLACED WOOD STEPS INTE	90948.	.00
0572302	REPAIR METAL STEPS - INTERIOR	12305.	.00
0572303	REFIN.REPARED.METAL STEPS INTE	183.	.00
0572304	REFINISH METAL STEPS - INTERIO	11866.	.00
0572402	REPAIR MASONRY STEP UNPAINTED	4371.	.00
0572502	REPAIR MASONRY STEPS PAINTED I	369.	.00
0572503	REFIN.REPRED.MASONRY STEP PNTD	8.	.00
0572504	REFINISH MASONRY STEPS PAINTED	1196.	.00
0572602	REPAIR CARPETED STEPS INTERIOR	24213.	.00
0572605	REPLACE CARPETED STEPS INTERIO	665377.	.01
0572702	MINOR REPAIRS TO RUBBER INT.ST	3746.	.00
0572705	REPLACE RUBBER INTERIOR STAIR	180924.	.00
0581105	REPLACE BRASS HINGE - INTERIOR	633387.	.01
0582105	REPLACE BRASS LOCKSET -INTERIO	4319404.	.06
0583105	REPLACE BRASS CLOSER - INTERIO	78825.	.00
0586105	REPLACE METAL EXITBOLT-INTERIO	51269.	.00
0611102	REPAIR PLASTER WALL FINISHES	12736560.	.19
0611103	REFINISH REPAIRED PLASTER WALL	3665359.	.05
0611104	REFINISH PLASTER WALL FINISH	68250170.	1.01
0611202	REPAIR SHEETROCK (STIPPLED) WA	5003667.	.07
0611203	REFIN.REPAIRED.SHEETROCK(STIPD	1861552.	.03
0611204	REFINISH SHEETROCK(STIPPLED)WA	42664000.	.63
0611302	REPAIR SHEETROCK(UNSTIPPLED)WA	24341820.	.36
0611303	REFIN.REPAIR.SHEETROCK(UNSTPLD	8900399.	.13
0611304	REFINISH SHEETROCK(UNSTPLD)WAL	244623500.	3.61
0611402	REPAIR STUCCO INTERIOR WALL FI	42154.	.00
0611403	REFIN.REPRD.STUCCO INTERIOR WA	14789.	.00
0611404	REFINISH STUCCO INTERIOR WALL	1028272	.02
0612102	REPAIR CLAY BLOCK WALL FINISH	210322.	.00
0612202	REPAIR CLAY BLOCK (PAINTED) WA	1579 1.	.00
0612203	REFIN.REPAIR.CLAY BLOCK(PAINTD	27050.	.00
0612204	REFINISH CLAY BLOCK (PAINTED)W	1152580.	.02

0612302	REPAIR CONCRETE BLOCK WALL FIN	511348.	.01
0612402	REPAIR CONCRETE BLOCK(PAINTED)	7623242.	.11
0612403	REFIN.REPAIRED.CONC.BLOCK(PNTD	3271688.	.05
0612404	REFINISH CONCRETE BLOCK(PAINTD	78968640.	1.16
0612502	REPAIR CLAY BRICK WALL FINISH	735287.	.01
0612602	REPAIR CONCRETE BRICK WALL FIN	134013.	.00
0612802	REPAIR TILE WALL FINISH	14481110.	.21
0612805	REPLACE TILE WALL FINISHS	63785100.	.94
0612902	REPAIR MASONITE INTERIOR WALL	195841.	.00
0612903	REFIN.REPRD.MASONITE INTERIOR	141767.	.00
0612904	REFINISH MASONITE INTERIOR WAL	2554431.	.04
0612A02	REPAIR GLAZED CMU. INTERIOR WA	1269.	.00
0614102	REPAIR FORMICA WALL FINISH	223582.	.00
0614105	REPLACE FORMICA WALL FINISH	3202903.	.05
0614202	REPAIR NYLON WALL FINISH	1651.	.00
0614205	REPLACE NYLON WALL FINISH	13141.	.00
0614302	REPAIR POLYESTER WALL FINISH	9226.	.00
0614305	REPLACE POLYESTER WALL FINISH	68766.	.00
0614402	REPAIR VINYL WALL FINISH	713103.	.01
0614405	REPLACE VINYL WALL FINISH	5384035.	.08
0614502	REPAIR WALLPAPER WALL FINISH	902012.	.01
0614505	REPLACE WALLPAPER WALL FINISH	6058233.	.09
0614702	REPAIR FABRIC INTERIOR WALL FI	12953.	.00
0614705	REPLACE FABRIC INTERIOR WALL F	127661.	.00
0614802	REPAIR CARPETED INTERIOR WALL	96121.	.00
0614805	REPLACE CARPETED INTERIOR WALL	1000302.	.01
0615102	REPAIR PLYWOOD(PAINTED)WALL FI	1316042.	.02
0615103	REFIN.REPAIRED PLYWOOD(PAINTED	1064695.	.02
0615104	REFINISH PLYWOOD(PAINTED)WALL	7847373.	.12
0615105	REPLACE PLYWOOD(PAINTED)WALL F	2093270.	.03
0615106	REFIN.REPLACED PLYWOOD(PAINTED	710329.	.01
0615202	REPAIR PLYWOOD(UNFINISHED)WALL	373264.	.01
0615205	REPLACE PLYWOOD(UNFINISHED)WAL	1049702.	.02
0615302	REPAIR TIMBER(FINISHED)WALL FI	244923.	.00
0615303	REFIN.REPAIRED TIMBER(FINISHED	78322.	.00
0615304	REFINISH TIMBER(FINISHED)WALL	913571.	.01
0615305	REPLACE TIMBER (FINISHED) WALL	795533.	.01
0615306	REFIN.REPLACED TIMBER(FINISHED	53431.	.00
0615402	REPAIR TIMBER (UNFINISHED) WAL	1118200.	.02
0615405	REPLACE TIMBER(UNFINISHED)WALL	3620206.	.05
0615502	REPAIR PANEL (SOLID) WALL FINI	301953.	.00
0615503	REFINISH REPAIRED PANEL(SOLID)	86739.	.00
0615504	REFINISH PANEL(SOLID)WALL FINI	1519268.	.02
0615602	REPAIR PANEL(LAMINATED)WALL FI	722181.	.01
0615603	REFIN.REPAIRED PANEL(LAMINATED	202785.	.00
0615604	REFINISH PANEL(LAMINATED)WALL	3840661.	.06
0615702	REPAIR BOARD (FINISHED) WALL F	179266.	.00
0615703	REFIN.REPAIRED BOARD(FINISHED)	171278.	.00
0615704	REFINISH BOARD (FINISHED) WALL	3870374.	.06
0615705	REPLACE BOARD (FINISHED) WALL	560098.	.01
0615706	REFIN.REPLACED BOARD(FINISHED)	304591.	.00
0615802	REPAIR BOARD (UNFINISHED) WALL	169009.	.00
0615805	REPLACE BOARD(UNFINISHED)WALL	744897.	.01
0615902	REPAIR WAINSCOT WALL FINISH	757015.	.01
0615903	REFINISH REPAIRED WAINSCOT WAL	242874.	.00
0615904	REFINISH WAINSCOT WALL FINISH	1822827.	.03
0615905	REPLACE WAINSCOT WALL FINISH	2262211.	.03
0615906	REFINISH REPLACED WAINSCOT WAL	178884.	.00
0616105	REPLACE ALUMINUM WALL FINISH	2330949.	.03
0616202	REPAIR STEEL INT.FINISH(UNPNTD	497983.	.01
0616302	REPAIR STEEL INT.FINISH(PNTD)W	263854.	.00
0616303	REFIN.REPRD.STEEL INT.FIN(PNTD	40490.	.00
0616304	REFINISH STEEL INT.FINISH(PNTD	25628290.	.38
0616402	REPAIR WIRE MESH WALL FINISH	150368.	.00
0616403	REFINISH REPAIRED WIRE MESH WA	22003.	.00
0616404	REFINISH WIRE MESH WALL FINISH	11569360.	.17
0616505	REPLACE LEAD-LINED INTERIOR WA	66478.	.00
0617102	REPAIR GLASS BLOCK WALL FINISH	21.	.00
0617202	REPAIR PLATE GLASS WALL FINISH	15090.	.00
0619102	REPAIR STONE WALL FINISH	1076.	.00
0619202	REPAIR ACOUSTICAL TILE WALL FI	54812.	.00
0619203	REFIN.REPAIRED ACOUSTICAL TILE	3857.	.00

0619204	REFINISH ACOUSTICAL TILE WALL	2006129.	.03
0619205	REPLACE ACOUSTICAL TILE WALL F	474920.	.01
0619206	REFIN.REPLACED ACOUSTICAL TILE	33416.	.00
0619302	REPAIR CORK TILE WALL FINISH	90529.	.00
0619305	REPLACE CORK TILE WALL FINISH	3240028.	.05
0619402	REPAIR ASBESTOS-ACOUSTICAL FIR	31500.	.00
0619403	REFIN.REPRD.ASBESTOS-ACOUST.RT	2231.	.00
0619404	REFINISH ASBESTOS-ACOUST.RTD.T	288723.	.00
0619405	REPLACE ASBESTOS-ACOUST.RATED	275289.	.00
0619406	REFIN.REPLCD.ASBESTOS-ACOUST.R	19324.	.00
0619502	REPAIR FIBERGLASS PANELS INTER	2355.	.00
0619503	REFIN.REPRD.FIBRGLASS PANELS I	1552.	.00
0619504	REFINISH FIBERGLAS PANEL INTER	23041.	.00
0619505	REPLACE FIBERGLASS PANEL INT.W	5569.	.00
0619506	REFIN.REPLCD.FIBERGLS PNL INT.	1549.	.00
061A102	REPAIR UNFINISHED CONCRETE WAL	3328127.	.05
061A202	REPAIR FINISHED CONCRETE WALL	10846180.	.16
061A204	REFINISH FINISHED CONCRETE WAL	10147360.	.15
0622101	MINOR REPAIRS TO CERAMIC TILE	48317.	.00
0622102	REPLACE CERAMIC TILE FLOOR	9999721.	.15
0622201	MINOR REPAIRS TO QUARRY TILE F	16271.	.00
0622202	REPLACE QUARRY TILE FLOOR	10319720.	.15
0622301	MINOR REPAIRS TO BRICK FLOOR	802.	.00
0622302	REPLACE BRICK FLOORING	21158.	.00
0625101	MINOR REPAIRS TO WOOD PARQUETR	3853411.	.06
0625102	SAND AND REFINISH PARQUETRY FL	11365000.	.17
0625103	REPLACE WOOD PARQUETRY FLOOR	39895190.	.59
0625201	MINOR REPAIRS TO MAPLE FLOOR	6293386.	.09
0625202	SAND AND REFINISH MAPLE FLOOR	25973200.	.38
0625203	REPLACE MAPLE FLOOR	51508950.	.76
0625301	MINOR REPAIRS TO PLYWOOD FLOOR	580757.	.01
0625302	REPLACE PLYWOOD FLOOR	2133247.	.03
0626101	MINOR REPAIRS TO STEEL FLOOR	436648.	.01
0626102	REPLACE STEEL DECK FLOORING	14038780.	.21
0626201	MINOR REPAIRS TO METAL FLOOR G	7008.	.00
0626202	REPLACE METAL FLOOR GRATING	275930.	.00
0629101	*MINOR REPAIRS TO CARPET*	1079244.	.02
0629102	REPLACE CARPET	119529300.	1.76
062A101	MINOR REPAIRS TO LINOLEUM FLOO	524924.	.01
062A102	REPLACE LINOLEUM FLOOR	37008080.	.55
062A201	MINOR REPAIRS TO VINYL ASB.TIL	2311563.	.03
062A202	REPLACE VINYL ASBESTOS TILE FL	164918900.	2.43
062A301	MINOR REPAIRS TO RUBBER TILE F	30618.	.00
062A302	REPLACE RUBBER TILE FLOORING	2441753.	.04
062A401	MINOR REPAIR VINYL SHEET FLOOR	470649.	.01
062A402	REPLACE VINYL SHEET FLOORING	33965530.	.50
062B101	MINOR REPAIRS TO CONCRETE FLOO	5807386.	.09
062B102	REPLACE UNFINISHED CONCRETE FL	11731380.	.17
062B201	MINOR REPAIRS TO FINISHED CONC	2177272.	.03
062B202	REFINISH CONCRETE FLOOR	5779004.	.09
062B203	REPLACE FINISHED CONCRETE FLOO	4562090.	.07
062C001	MINOR REPAIRS TO TERRAZZO FLOO	27962.	.00
062C002	REPLACE TERRAZZO FLOOR	157032.	.00
062D101	MINOR REPAIR TO BITUMINOUS FLO	23611.	.00
062D102	REPLACE BITUMINOUS FLOORING	1384367.	.02
0631102	REPAIR PLASTER CEILING FINISH	9173376.	.14
0631103	REFINISH REPAIRED PLASTER CEIL	2649089.	.04
0631104	REFINISH PLASTER CEILING FINIS	44518730.	.66
0631202	REPAIR SHEETROCK(STIPPLED)CEIL	3062578.	.05
0631203	REFIN.REPAIRED SHEETROCK(STIPL	1163991.	.02
0631204	REFINISH SHEETROCK(STIPPLED)CE	25298680.	.37
0631302	REPAIR SHEETROCK(UNSTIPPLED)CE	9836363.	.15
0631303	REFIN.REPRD.SHEETROCK(UNSTPLD)	3696365.	.05
0631304	REFINISH SHEETROCK(UNSTIPPLED)	93145340.	1.37
0631402	REPAIR STUCCO INTERIOR CEILING	43233.	.00
0631403	REFIN.REPRD. STUCCO INTERIOR C	15265.	.00
0631404	REFINISH STUCCO INTERIOR CEILI	1081059.	.02
0632102	REPAIR ACOUSTIC TILE CEILING F	1390923.	.02
0632105	REPLACE ACOUSTIC TILE CEILING	967644.	.01
0632202	REPAIR ACOUSTIC TILE(DROPPD)CE	3823996.	.06
0632205	REPLACE ACOUSTIC TILE(DROPPED)	8878063.	.13
0632302	REPAIR CERAMIC (PAN) CEILING F	2.	.00

0632305	REPLACE CERAMIC (PAN) CEILING	840.	.00
0632402	REPAIR CERAMIC (TILE) CEILING	532.	.00
0632405	REPLACE CERAMIC (TILE) CEILING	28705.	.00
0634102	REPAIR PAPER CEILING FINISH	1184.	.00
0634105	REPLACE PAPER CEILING FINISH	7734.	.00
0634202	REPAIR PLASTIC CEILING FINISH	69193.	.00
0634205	REPLACE PLASTIC CEILING FINISH	507275.	.01
0634302	REPAIR FABRIC CEILING FINISH	972.	.00
0634305	REPLACE FABRIC CEILING FINISH	6491.	.00
0634402	REPAIR FORMICA INT.CEILING FIN	5329.	.00
0634405	REPLACE FORMICA CEILING FINISH	77540.	.00
0635102	REPAIR WOOD (FINISHED) CEILING	2995353.	.04
0635103	REFIN.REPAIRD.WOOD(FINISHED)CE	1019051.	.02
0635104	REFINISH WOOD(FINISHED)CEILING	7400383.	.11
0635105	REPLACE WOOD(FINISHED)CEILING	9444127.	.14
0635106	REFIN.REPLCED.WOOD(FINISHED)CE	779072.	.01
0635202	REPAIR WOOD (UNFINISHED) CEILI	8142885.	.12
0635205	REPLACE WOOD(UNFINISHED)CEILIN	43665100.	.64
0636102	REPAIR ALUMINIUM PANEL CEILING	5722271.	.08
0636103	REFIN.REPRD.ALUMINIUM PANEL CE	2319887.	.03
0636104	REFINISH ALUMINIUM PANEL CEILI	39274300.	.58
0636105	REPLACE ALUMINIUM PANEL CEILIN	14289610.	.21
0636106	REFIN.REPLCD.ALUMINIUM PANEL C	561740.	.01
0636202	REPAIR METAL UNPAINTED CEILING	1181.	.00
0637102	REPAIR PLATE GLASS (MOUNTED)CE	514.	.00
0637105	REPLACE PLATE GLASS(MOUNTED)CE	4888.	.00
0637312	REPAIR SINGLE GLASS SKYLIGHT U	153822.	.00
0637322	REPAIR SKYLIGHT INTEGRATED W/S	100384.	.00
0639102	REPAIR SPECL.PURP.ACOUSTIC.TIL	6372.	.00
0639105	REPLACE SPEC.PURP.ACOUSTIC.TIL	16073.	.00
0639302	REPAIR ASBETOS-ACOUST.FIRE RTD	9396.	.00
0639303	REFIN.REPRD.ASBESTOS-ACOUST.RT	652.	.00
0639304	REFINISH ASBESTOS-ACOUST.RTD.T	83784.	.00
0639305	REPLC.ASBESTOS-ACOUST.FIRE RTD	81670.	.00
0639306	RFIN.RPLCD.ASBESTOS-ACOUST.RTD	5625.	.00
063A102	REPAIR (UNFINISHED)CONCRETE CE	929312.	.01
063A202	REPAIR (FINISHED) CONCRETE CEI	4567540.	.07
063A204	REFINISH (FINISHED)CONCRETE CE	7579092.	.11
0811101	REPLACE FLUSH VALVE-TANKLESS W	2387560.	.04
0811102	UNPLUG CLOGCED LINE-TANKLESS W	10185520.	.15
0811103	REPLACE TNAKLESS WATER CLOSET	11350640.	.17
0811201	UNPLUG CLOGGED LINE-FLUSH TANK	13621440.	.20
0811202	REPL WASHER IN BALL COCK-FLH T	1622555.	.02
0811203	REPL WORN PARTS IN FLUSH TANK	5604532.	.08
0811204	INSTLL GASKET IN SPUD CONNECT-	173616.	.00
0811205	REPLACE FLUSH TANK WATER CLOSE	9836081.	.15
0811301	REPLACE FEESH VALVE - URINAL	1310286.	02
0811302	UNPLUG LINE - URINAL	5837599.	.09
0811303	REPLACE URINAL	3984529.	.06
0811401	REPL WASHER IN SPUD CONNECT-LA	435434.	.01
0811402	REPLACE WASHER IN FAUCET-IRON,	1796014.	.03
0811403	REPLACE SUPPORT RODS-IRON, ENA	405587.	.01
0811404	REPLACE FAUCETS - IRON, ENAMEL	5200200.	.08
0811405	CLEAN OUT STRAINER AND P TRAP-	6062317.	.09
0811406	REPLAC LAVATORY - IRON, ENAME	4876760.	.07
0811501	REPLACE WASHER IN SPUD CONNECT	687873.	.01
0811502	REPLACE WASHER IN FAUCET-VITR	3015704.	.04
0811503	REPLACE SUPPORT RODS-VITREOUS	733833.	.01
0811504	REPLACE FAUCETS-VITREOUS CHINA	9769305.	.14
0811505	CLEAN OUT STRAINER AND P TRAP-	10177020.	.15
0811506	REPLACE LAVATORY - VITREOUS CH	10307410.	.15
0811601	REPLACE WASHER IN SPUD CONNECT	399761.	.01
0811602	REPLACE WASHER IN FAUCET-ENAMF	1789008.	.03
0811603	REPLACE SUPPORT RODS-ENAMELED	431767.	.01
0811604	REPLACE FAUCETS-ENAMELED STEEL	5898762.	.09
0811605	CLEAN OUT STRAINER AND P TRAP-	6036893.	.09
0811606	REPLACE LAVATORY - ENAMELED ST	3388216.	.05
0811701	INSP/CLEAN SHOWER HEAD-BATH TU	231648.	.00
0811702	REPLACE FAUCET WASHER-BATH TUB	423104.	.01
0811703	REPLACE FAUCETS-BATH TUB, CAST	1567259.	.02
0811704	RESEAL BATH TUB, CAST IRON	844193.	.01
0811705	REPAIR DIVERTER VALVE-BATH TUB	2327521.	.03

0811706	UNSTOP-BATH TUB, CAST IRON	524514.	.01
0811707	REPLACE TUB-BATH TUB, CAST IRO	3716701.	.05
0811801	INSPECT/CLEAN SHOWER HEAD-ENAM	801168.	.01
0811802	REPLACE FAUCET WASHER-ENAMEL S	1540654.	.02
0811803	REPLACE FAUCETS-ENAMEL STL BAT	6423239.	.09
0811804	RESEAL - BATH TUB, ENAMELED ST	2945016.	.04
0811805	REPAIR DIVERTER VALVE-ENAMEL S	8526271.	.13
0811806	UNSTOP - ENAMELED STEEL BATH T	6091373.	.09
0811807	REPLACE TUB - ENAMELED STEEL B	6784671.	.10
0811901	INSPECT/CLEAN SHOWER HEAD - TE	96599.	.00
0811902	REPLACE FAUCET WASHER - TERRAZ	185928.	.00
0811903	REPLACE FAUCETS - TERRAZO SHOW	621862.	.01
0811904	RESEAL - TERRAZO SHOWER	350155.	.01
0811905	UNSTOP - TERRAZO SHOWER	734611.	.01
0811906	REPLACE SHOWER - TERRAZO	8030120.	.12
0811A01	INSPECT/CLEAN SHOWER HEAD - EN	90407.	.00
0811A02	REPLACE FAUCET WASHER - ENAMEL	172437.	.00
0811A03	REPLACE FAUCETS - ENAMELED STE	687190.	.01
0811A04	RESEAL - ENAMELED STEEL SHOWER	332912.	.00
0811A05	UNSTOP - ENAMELED STEEL SHOWER	686700.	.01
0811A06	REPLACE SHOWER - ENAMELED STEE	1039569.	.02
0811B01	INSPECT/CLEAN SHOWER HEAD-PLAS	440519.	.01
0811B02	REPLACE FAUCET WASHER - PLASTI	834354.	.01
0811B03	REPLACE FAUCETS - PLASTIC SHOW	2192478.	.03
0811B04	RESEAL - PLASTIC SHOWER	1454135.	.02
0811B05	UNSTOP - PLASTIC SHOWER	3291392.	.05
0811B06	REPLACE SHOWER AND FITTINGS-PL	5250730.	.08
0811C01	INSPECT/CLEAN SHOWER HEAD-ALUM	49402.	.00
0811C02	REPLACE FAUCET WASHER-ALUMINUM	92855.	.00
0811C03	REPLACE FAUCETS - ALUMINUM SHO	382825.	.01
0811C04	RESEAL - ALUMINUM SHOWER	165935.	.00
0811C05	UNSTOP - ALUMINUM SHOWER	364449.	.01
0811C06	REPLACE SHOWER AND FITTINGS-AL	608541.	.01
0811D01	REPLACE FAUCET WASHER -IRON EN	300443.	.00
0811D02	CLEAN TRAP-IRON ENAMEL SINK	232114.	.00
0811D03	REPLACE FAUCETS - IRON ENAMEL	1007456.	.01
0811D04	UNSTOP - IRON ENAMEL SINK	1183622.	.02
0811D05	REPAIR STRAINER - IRON ENAMEL	551170.	.01
0811D06	REPLACE SINK - IRON ENAMEL SIN	1135535.	.02
0811E01	REPLACE FAUCET WASHER-ENAMELED	43667?	.01
0811E02	CLEAN TRAP - ENAMELED STEEL SI	340349.	.01
0811E03	REPLACE FAUCETS - ENAMELED STE	1490183.	.02
0811E04	UNSTOP - ENAMELED STEEL SINK	1719969.	.03
0811E05	REPAIR STRAINER - ENAMELED STE	794044.	.01
0811E06	REPLACE SINK - ENAMELED STEEL	1022257.	.02
0811F01	REPLACE FAUCET WASHER-STAINLES	2181206.	.03
0811F02	CLEAN TRAP - STAINLESS STEEL S	1757018.	.03
0811F03	REPLACE FAUCETS - STAINLESS ST	7847164.	.12
0811F04	UNSTOP - STAINLESS STEEL SINK	8547528.	.13
0811F05	REPAIR STRAINER - STAINLESS ST	3800073.	.06
0811F06	REPLACE SINK - STAINLESS STEEL	9430995.	.14
0811G01	REPLACE FAUCET WASHER - PLASTI	85106.	.00
0811G02	CLEAN TRAP - PLASTIC SINK	59725.	.00
0811G03	REPLACE FAUCETS - PLASTIC SINK	244488.	.00
0811G04	UNSTOP - PLASTIC SINK	335059.	.00
0811G05	REPAIR STRAINER - PLASTIC SINK	100175.	.00
0811G06	REPLACE SINK AND FITTINGS-PLAS	460293.	.01
0811H01	CHECK/MINOR REPAIRS - DRINKING	5576718.	.08
0811H02	REPAIR INTERNAL LEAKS-DRINKING	1040888.	.02
0811H03	CORRECT WATER PRESSURE-DRINKIN	1779018.	.03
0811H04	REPLACE FREON - DRINKING FOUNT	3729863.	.06
0811H05	REPAIR DRAIN LEAK - DRINKING F	954228.	.01
0811H06	UNSTOP DRAIN - DRINKING FOUNTA	955194.	.01
0811H07	REPLACE FOUNTAIN	22158890.	.33
0811I01	REPACK GLAND-SPIGOT	2008850.	.03
0811I02	REPL OLD VALVE WITH NEW,PARTIA	784602.	.01
0811J01	INSPECT/CLEAN SHWR HEAD-BATHTU	121568.	.00
0811J02	REPLACE FAUCET WASHER-BATHTUB,	224685.	.00
0811J03	REPLACE FAUCETS-BATHTUB, PLAST	627080.	.01
0811J04	RESEAL BATHTUB, PLASTIC	397312.	.01
0811J05	REPAIR DIVERTER VALVE-BATHTUB,	1205003.	.02
0811J06	UNSTOP BATHTUB, PLASTIC	296399.	.00

0811J07	REPLACE BATHTUB, PLASTIC	5872028.	.09
0811K01	REPL WASHER IN SPUD CONNECT-LA	7377.	.00
0811K02	REPL WASHR IN FAUCET, LAVATORY	35940.	.00
0811K03	REPLACE SUPPORT RODS, LAVATORY	5586.	.00
0811K04	REPLACE FAUCETS, LAVATORY, PLA	77310.	.00
0811K05	CLEAN OUT STRAINR & P TRAP, LA	121267.	.00
08 K06	REPLACE LAVATORY, PLASTIC	159033.	.00
0811L01	REPACK VALVE GLANDS-EMERG SHWR	5522.	.00
0811L02	INSP & CLEAN SHWR HEAD-EMERG S	7276.	.00
0811L03	REPLACE SHOWER-EMERGENCY SHOWE	67047.	.00
0811M01	REPACK VALVE GLANDS-EMERG EYE	8376.	.00
0811M02	INSP & CLEAN SPRAY HEADS-EMERG	10999.	.00
0811M03	REPLACE EYE WASH STATION-EMERG	83061.	.00
0812101	UNCLOG FLOOR DRAIN - PIPE & FI	768474.	.01
0812102	UNCLOG MAIN DRAIN - PIPE & FIT	371845.	.01
0812103	REPLACE PIPE & FITTINGS	40183930.	.59
0812201	CLEAN DRAIN - FLOOR, WITHOUT B	13373000.	.20
0812202	REPLACE STRAINER-FL DRAIN, WIT	430444.	.01
0812203	REPLACE FLOOR DRAIN- WITHOUT B	4135776.	.06
0812301	CLEAN OUT BUCKET - FLOOR DRAIN	4367505.	.06
0812302	REPLACE STRAINER-FL DRAIN, WIT	94236.	.00
0812303	REPLACE FLOOR DRAIN - WITH BUC	1798605.	.03
0812401	UNCLOG FLOOR DRAIN,PIPE & FITT	1189.	.00
0812402	UNCLOG MAIN DRAIN-PIPE & FITTI	407.	.00
0812403	REPLACE PIPE AND FITTINGS, PVC	118053.	.00
0813101	INSTALL NEW GASKET-PIPE&FITTIN	4070.	.00
0813102	REPLACE 10' SECTION-PIPE&F,STL	943967.	.01
0813103	REPLACE PIPE AND FITTINGS-STL,	10367700.	.15
0813201	RESOLDER JOINT-PIPE & FITTINGS	48839.	.00
0813202	INSTALL 10' SECTION-PIPE & F,	688869.	.01
0813203	REPLACE PIPE AND FITTINGS - CO	12709900.	.19
0813301	REPACK GLAND-VALVE,NON-DRAIN 3	3247634.	.05
0813302	INSTALL NEW VALVE- NON-DRAIN 3	7154369.	.11
0813401	REPACK GLAND-VALVE, NON-DRAIN	117934.	.00
0813402	INSTALL NEW VALVE - NON-DRAIN	1283731.	.02
0813501	REPACK GLAND- VALVE, NON-DRAIN	94878.	.00
0813502	INSTALL NEW VALVE - NON-DRAIN	69060.	.00
0813601	REPACK GLAND - DRAIN VALVE	15548320.	.23
0813602	REPLACE VALVE STEM ASSEMBLY-DR	4904564.	.07
0813603	INSTALL NEW VALVE - DRAIN	9545116.	.14
0813701	REFILL EXPANSION CHAMBER	42254.	.00
0813702	INSTALL NEW EXPANSION CHAMBER	13336940.	.20
0813801	OVERHAUL WATER METER	37754.	.00
0813802	INSTALL NEW WATER METER	118156.	.00
0813901	REPAIR BROKEN PIPE INSULATION-	24848.	.00
0813902	INSTALL NEW PIPE INSULATION-CO	2251647.	.03
0813A01	OVERHAUL 1 1/2HP PUMP, REPL SE	528.	.00
0813A02	INSP/CHK1 1/2HP PUMP/MOTOR OPE	1910.	.00
0813A03	REPLACE PUMP/MOTOR ASSEMBLY,1	10008.	.00
0813B01	OVERHAUL 1/6HP PUMP, REPLACE S	6900.	.00
0813B02	INSP/CHK 1/6HP PUMP/MOTOR OPER	6089.	.00
0813B03	REPLACE 1/6HP PUMP/MOTOR ASSEM	50561.	.00
0813C01	OVERHAUL 1/2HP PUMP,REP SEAL B	8952.	.00
0813C02	INSP/CHK 1/2HP PUMP/MOTOR OP,L	10082.	.00
0813C03	REPLACE 1/2HP PUMP/MOTOR ASSEM	24361.	.00
0813D01	REGLUE JOINT-PIPE AND FITTINGS	77.	.00
0813D02	INSTALL 10'SECTION,PIPE - FITT	103.	.00
0813D03	REPLACE PIPE - PIPE & FITTING,	7811.	.00
0813E01	REPACK GLAND-HOSE BIBB	3444469.	.05
0813E02	REPL OLD VALVE,PARTIAL- HOSE B	1694428.	.02
0813F01	OVRHL PUMP,REPL SEAL/BRNGS-CIR	3061.	.00
0813F02	PREV MAINT-CIRC PUMP >1 HP	3758.	.00
0813F03	REPLACE MOTOR-PUMP ASSEMBLY >	7922.	.00
0814101	INSTALL NEW GASKET-PIPE&F, STL	5746.	.00
0814102	INSTALL 10' SECTION-PIPE&F,STL	545768.	.01
0814103	REPLACE PIPE AND FITTINGS-STL,	5958258.	.09
0814201	RESOLDER JOINT-PIPE&FITTINGS,	21956.	.00
0814202	INSTALL 10'SECTION-PIPE&F, COP	1215760.	.02
0814203	REPLACE PIPE AND FITTINGS - CO	10921440.	.16
0814301	REPACK GLAND-VALVE,NON-DRAIN 3	4237155.	.06
0814302	INSTALL NEW VALVE-NON DRAIN 3/	9655949.	.14
0814401	REPACK GLAND - VALVE, NON DRAI	75713.	.00

0814402	INSTALL NEW VALVE, NON DRAIN 2	885737.	.01
0814501	REPACK GLAND -VALVE NON DRAIN	39856.	.00
0814502	INSTALL NEW VALVE, NON DRAIN 4	64723.	.00
0814601	REPACK GLAND - VALVE DRAIN	9578068.	.14
0814602	REPLACE VALVE STEM ASSEMBLY	7095250.	.10
0814603	INSTALL NEW VALVE, DRAIN	14353290.	.21
0814701	REFILL EXPANSION CHAMBER	20166.	.00
0814702	INSTALL NEW EXPANSION CHAMBER	2188348.	.03
0814801	REPAIR BROKEN PIPE INSULATION-	89899.	.00
0814802	INSTALL NEW PEPE INSULATION-HO	3298137.	.05
0814901	OVERHAUL 1 1/2HP PUMP,REPL SEA	20218.	.00
0814902	INSP/CHK 1 1/2HP PUMP/MOTOR OP	75100.	.00
0814903	REPL 1 1/2HP PUMP/MOTOR ASSEMB	396989.	.01
0814A01	OVERHAUL 1/6HP PUMP, REPL SEAL	40043.	.00
0814A02	INSP/CHK 1/6HP PUMP/MOTOR OPER	140964.	.00
0814A03	REPLACE 1/6HP PUMP/MOTOR ASSEM	1198479.	.02
0814B01	OVERHAUL 1/2HP PUMP, REPL SEAL	26951.	.00
0814B02	INSP/CHK 1/2HP PUMP/MOTOR OPER	95181.	.00
0814B03	REPLACE 1/2HP PUMP/MOTOR ASSEM	857460.	.01
0814C01	REPAIR STEAM LEAK-STERM CONVER	427603.	.01
0814C02	INSEPCT FOR LEAKS-STEAM CONVER	33572.	.00
0814C03	REPLACE STEAM CONVERTOR-DOMEST	879822.	.01
0814D01	REPAIR HOT WATER HTR. GAS/OIL	972842.	.01
0814D02	CLN & SERV-HOT WATER HTR,GAS/O	18425410.	.27
0814D03	REPLACE HOT WATER HEATER, GAS/	5288385.	.08
0814E01	OVERHAUL WATER HTR, GAS/OIL 75	4659460.	.07
0814E02	CLEAN &SERVICE HOT WATER HTR,G	30834020.	.45
0814E03	REPLACE HOT WATER HEATER, GAS/	37268210.	.55
0814F01	MINOR REPAIRS,ADJUST-HOT WTR H	122853.	.00
0814F02	CLEAN & SERVICE-HOT WAT HTR,G/	2902302.	.04
0814F03	REPLACE HOT WATER HEATER, G/O	3767349.	.06
0814G01	OVERHAUL HOT WATER HEATER 8-12	17460.	.00
0814G02	CHECK OPERATION AND CLEAN, 8-1	112804.	.00
0814G03	REPLACE HEATER, G/O 8-120GPH R	179217.	.00
0814H01	DRAIN AND FLUSH HOT WATER HTR.	4314276.	.06
0814H02	CHECK OPERATION-HOT WATER HTR.	106755.	.00
0814H03	REPLACE HOT WATER HEATER ELEC	85011520.	1.25
0814I01	DRAIN AND FLUSH HOT WATER HTR.	16073.	.00
0814I02	CHECK OPERATION-HOT WATER HTR.	395.	.00
0814I03	REPLACE HOT WATER HEATER ELEC	503608.	.01
0814J01	DRAIN & FLUSH HOT WATER HTR.EL	68109.	.00
0814J02	CHECK OPERATION-HOT WATER HTR.	1674.	.00
0814J03	REPLACE HOT WATER HEATER ELEC	5730390.	.08
0814K01	DRAIN &FLUSH HOT WATER HTR.ELE	15684.	.00
0814K02	CHECK OPERATION-HOT WATER HTR.	386.	.00
0814K03	REPLACE HOT WATER HEATER ELEC	1707354.	.03
0814L01	DRAIN & FLUSH-HOT WAT HEAT ELE	1513282.	.02
0814L02	CHECK OPER. HOT WATER HEAT ELE	55952.	.00
0814L03	REPLACE HOT WATER HEATER, ELEC	4611856.	.07
0814M01	CLEAN & SCRAPE HOT WTR STORAGE	668282.	.01
0814M02	REPLACE HOT WATER STORAGE TANK	137864.	.00
0814N01	REGLUE JOINT-PIPE/FITTINGS,PVC	13.	.00
0814N02	INST 10'SECTION-PIPE/FITTINGS,	13.	.00
0814N03	REPLACE PIPE-PIPE/FITTINGS, PV	1038.	.00
0814O01	OVERHAUL PUMP - REPL BEARING,S	1895.	.00
0814O02	INSP-CHK PUMP/MOTOR OPER/ALIGN	2329.	.00
0814O03	REPLACE PUMP/MOTOR ASSEMBLY >	38718.	.00
0821101	GENERAL MAINT&REP-DRAIN,ROOF S	2567581.	.04
0821103	REPLACE DRAIN, ROOF SCUPPER, A	1179934.	.02
0822101	GENERAL MAINT & REPAIR-GUTTERS	19154400.	.28
0822102	REPLACE PIPE OR GUTTER	44315110.	.65
0823101	OVERHAUL SUMP PUMP, REPL SEAL/	78940.	.00
0823102	INSP./CHK PUMP/MOTOR OPER.,CHK	88851.	.00
0823103	REPL PUMP/MOTOR ASSEM, PARTIAL	603780.	.01
0831111	CHECK AND ADJUST COMPRESSOR -	587627.	.01
0831112	REPAIR COMPRESSOR - 1 H.P.	1169243.	.02
0831113	REPLACE COMPRESSOR - 1 H.P.	4633296.	.07
0831121	OVERHAUL VACUUM PUMP	25236.	.00
0831122	CHECK OPERATION, VACUUM PUMP	22594.	.00
0831123	REPLACE VACUUM PUMP	408768.	.01
0831131	CHECK AND ADJUST GAS COMPRESSO	623694.	.01
0831132	REPAIR GAS COMPRESSOR > 1/2 HP	1242895.	.02

0831133	REPLACE GAS COMPRESSOR > 1/2 H	2607076.	.04
0831141	CHECK AND ADJUST GAS COMPRESSO	152981.	.00
0831142	REPAIR GAS COMPRESSOR > 15 HP	319971.	.00
0831143	REPLACE GAS COMPRESSOR > 15 HP	986861.	.01
0831151	RECHARGE SYSTEM-COMPRESSED AIR	24084.	.00
0831152	REPLACE COMPRESSOR-COMPRESSED	214382.	.00
0831153	CHECK OPERATION-COMPRESSED AIR	42445.	.00
0831154	REPLACE COMPRESSED AIR DRYER	808367.	.01
0831211	REPLACE RUBBER HOSE, COMPRESSE	401018.	.01
0831311	GENERAL MAINT-METAL PIPE FOR C	1709.	.00
0831312	REPLACE METAL PIPE AND FITTING	632725.	.01
0831313	REPLACE METAL PIPE AND FITTING	1657598.	.02
0832311	GENERAL MAINT METAL PIPE - IND	13.	.00
0832312	REPL METAL PIPE&FITTINGS,10FT-	3419.	.00
0832313	REPL METAL PIPE & FITTINGS-IND	12663.	.00
0833111	RESOLDER JOINT-PIPE/FITTING,AN	190.	.00
0833112	REPL 10' SECT-PIPE/FITTINGS, A	10250.	.00
0833113	REPLACE PIPE AND FITTINGS, ANE	455560.	.01
0833211	RESOLDER JOINT-PIPE/FITTINGS,	216.	.00
0833212	REPL/INSTALL 10' SECT-PIPE/FIT	11672.	.00
0833213	REPLACE PIPE AND FITTINGS, OXY	518734.	.01
0841101	GENERAL MAINTENANCE & REPAIR-D	27354620.	.40
0841102	REPLACE UNIT - DISHWASHER	59950200.	.88
0841201	UNSTOP WASTE DISPOSAL, RESIDEN	16778110.	.25
0841202	REPLACE UNIT-WASTE DISPOSAL, R	18132910.	.27
0841301	GEN MAINT AND REPAIR, WATER SO	3038.	.00
0841302	CHK OPERATION & ADD SALT-WATER	1515667.	.02
0841303	REPLACE WATER SOFTENER	139178.	.00
0844111	REPAIR OPEN HEAD-SPRINKLER HEA	2359878.	.03
0844112	INSPECT SPRINKLER SYST-SPRINKL	809806.	.01
0844113	REPLACE OPEN-HEAD SPRINKLER HE	1573260.	.02
0911101	REPLACE GAS METER	1718150.	.03
0912101	INST NEW GASKET-PIPE FITTINGS,	4989.	.00
0912102	REPLACE 10 FOOT SECTION-PIPE F	480100.	.01
0912103	REPLACE PIPE AND FITTINGS, STE	5819382.	.09
0912201	CHECK GAS PRESSURE REDUING VAL	7971.	.00
0912202	REPLACE PRESSURE REDUCING VALV	25892.	.00
0921101	REPLACE OIL STORAGE TANK, 275	931406.	.01
0923101	RESOLDER JOINT PIPE/FITTINGS,	18944.	.00
0923102	REPLACE/INSTALL 10' SECTION-PI	254389.	.00
0923103	REPLACE PIPE AND FITTINGS, COP	5129862.	.08
0931101	REPLACE LPG STORAGE TANK ,100	866940.	.01
0933101	INSTALL NEW GASKET-PIPE/FIT,ST	116.	.00
0933102	REPLACE 10'SECTION-PIPE/FIT, S	33030.	.00
0933103	REPLACE PIPE AND FITTINGS-STEE	382161.	.01
0941101	REPAIR STEAM CONVERTOR, <300,0	689657.	.01
0941102	INSPECT FOR LEAKS STEAM CONVT	27152.	.00
0941103	REPLACE STEAM CONVERTOR <300,0	996320.	.01
0941201	REPAIR FLASH TANK, 24 GALLON	234169.	.00
0941202	CHECK FOR LEAKS FLASH TANK, 24	7209.	.00
0941203	REPLACE FLASH TANK, 24 GALLON	183833.	.00
0941301	REPLACE STEAM REGUL. VALVE-2"	1362059.	.02
0942101	REPLACE RADIATOR VALVE - 1"	478236.	.01
0943101	REPLACE CAST IRON RADIATOR 10	231697.	.00
0943201	REPLACE BASEBORARD RADIATOR 10	539408.	.01
0943301	REPLACE FIN RADIATOR, WALL 10	13399790.	.20
0961101	REPLACE SOLAR PANEL , 3' X 8'	2520807.	.04
0961201	REPLACE SOLAR STORAGE TANK, 10	1041487.	.02
0962101	REGLUE JOINT-PIPE/FITTINGS, PV	798.	.00
0962102	INSTALL 10' SECTION-PIPE/FITTI	708.	.00
0962103	REPLACE PIPE-PIPE/FITTINGS PVC	70023.	.00
0981111	REPAIR BOILER - 250 BTU	1944369.	.03
0981112	PREV MAINT ANN INSP-250 BTU GA	865424.	.01
0981113	PREV MAINT EXTER INSP-GAS BOIL	936010.	.01
0981114	PREV MAINT CLEAN FIREBX-GAS BL	417974.	.01
0981115	PREV MAINT WEEKLY TOUR-GAS BLE	19604000.	.29
0981116	REPLACE GAS BOILER - 250 BTU	4599471.	.07
0981121	REPAIR GAS BOILER 2000 BTU	764794.	.01
0981122	PREV MAINT ANNUAL INSP-GAS BLR	432478.	.01
0981123	PREV MAINT EXTER INSP-GAS BOIL	207982.	.00
0981124	PREV MAINT CLEAN FIREBX-GAS BL	246821.	.00
0981125	PREV MAINT CLEAN TUBES-GAS BLR	241340.	.00

0981126	PREV MAINT WEEKLY TOUR-GAS BLR	4344589.	.06
0981127	REPLACE GAS BOILER - 2000 BTU	4517107.	.07
0981131	REPAIR GAS BOILER - 10000 BTU	874609.	.01
0981132	PREV MAINT ANNUAL INSP-GAS BLR	167677.	.00
0981133	PREV MAINT EXTER INSP-GAS GLR	46682.	.00
0981134	PREV MAINT CLEAN FIREBX-GAS BL	55219.	.00
0981135	PREV MAINT CLEAN TUBES-GAS BLR	21508.	.00
0981136	PREV MAINT WEEKLY TOUR-GAS BLR	976189.	.01
0981137	REPLACE GAS BOILER - 10000 BTU	2358946.	.03
0981211	REPAIR COAL BOILER - 40000 BTU	1968822.	.03
0981212	PREV MAINT ANNUAL - COAL BLR 4	413966.	.01
0981213	PREV MAINT EXTER INSP-COAL BLR	9522.	.00
0981214	PREV MAINT WEEKLY TOUR-COAL BL	198684.	.00
0981215	REPLACE COAL BOILER - 40000 BT	11320700.	.17
0981311	REPAIR OIL BOILER - 250 BTU	2048156.	.03
0981312	PREV MAINT ANNUAL INSP-OIL BLR	967456.	.01
0981313	PREV MAINT EXTER INSP-OIL BLR	773247.	.01
0981314	PREV MAINT WKLY TOUR-OIL BOILE	16163920.	.24
0981315	PREV MAINT CLEAN BURNER-OIL BL	2319744.	.03
0981316	REPLACE OIL BOILER - 250 BTU	3974309.	.06
0981321	REPAIR OIL BOILER - 2000 BTU	552252.	.01
0981322	PREV MAINT ANNUAL INSP-OIL BLR	1088787.	.02
0981323	PREV MAINT EXTER INSP-OIL BLR	519579.	.01
0981324	PREV MAINT WKLY TOUR-OIL BLR 2	6471463.	.10
0981325	PREV MAINT CLEAN BURNER-OIL BL	1169052.	.02
0981326	REPLACE OIL BOILER - 2000 BTU	6751467.	.10
0981331	REPAIR OIL BOILER - 10000 BTU	100451.	.00
0981332	PREV MAINT ANNUAL INSP-OIL BLR	364716.	.01
0981333	PREV MAINT EXTER INSP-OIL BLR	69365.	.00
0981334	PREV MAINT WKLY TOUR-OIL BLR 1	1087659.	.02
0981335	PREV MAINT CLEAN BURNER-OIL BL	196622.	.00
0981336	REPLACE OIL BOILER - 10000 BTU	2689252.	.04
0981411	REPAIR DUAL FIRED BOILER - 200	614914.	.01
0981412	PREV MAINT ANN-DUAL FIRED BLR	1074468.	.02
0981413	PREV MAINT EXT INSP-DL FIRED B	302149.	.00
0981414	PREV MAINT WKLY TR-DUAL FIRED	4733855.	.07
0981415	REPLACE DUAL FIRED BOILER - 20	5856567.	.09
0981421	*REPAIR DUAL FIRED BOILER - 200*	2031737.	.03
0981422	PREV MAINT ANN INSP-DL FIRED B	367865.	.01
0981423	PREV MAINT EXT INSP-DL FIRED B	79957.	.00
0981424	PREV MAINT WKLY TR-DL FIRED BL	1260285.	.02
0981425	REPLACE DUAL FIRED BOILER - 20	5712886.	.08
0981611	REPAIR ASH HANDLING SYSTEM	23559.	.00
0981612	PREV MAINT DAILY-ASH HANDLING	391833.	.01
0981613	PREV MAINT MONTHLY - ASH HANDL	77068.	.00
0981614	PREV MAINT ANNUAL - ASH HANDLI	9977.	.00
0981615	REPLACE ASH HANDLING SYSTEM	4576938.	.07
0981711	REPAIR FUEL OIL EQUIPMENT	2469.	.00
0981712	PREV MAINT - FUEL OIL EQUIPMEN	3822.	.00
0981713	REPLACE FUEL OIL EQUIPMENT	10970.	.00
0981811	REPAIR CHEMICAL FEED	113165.	.00
0981812	PREVENTIVE MAINT - CHEMICAL FE	97444.	.00
0981813	REPLACE CHEMICAL FEEDER	239681.	.00
0981911	REPAIR FEED WATER SUPPLY PUMP	1380851.	.02
0981912	PREV MAINT - FEED WATER SUPPLY	1731481.	.03
0981913	REPLACE FEED WATER SUPPLY PUMP	1077485.	.02
0981A11	REPAIR DEAERATOR	7829.	.00
0981A12	PREVENTIVE MAINTENANCE - DEAER	3964783.	.06
0981A13	REPLACE DEAERATOR	15633060.	.23
0981B12	REPLACE BOILER BLOWOFF SYSTEM	33433.	.00
0981C11	REPAIR GAS HOUSE FURNACE - 25	3879803.	.06
0981C12	PREV MAINT-GAS HOUSE FURNACE 2	11042770.	.16
0981C13	REPLACE GAS HOUSE FURNACE - 25	5310195.	.08
0981C21	REPAIR GAS HOUSE FURNACE - 100	23232160.	.34
0981C22	PREV MAINT - GAS HOUSE FURNACE	57116090.	.84
0981C23	REPLACE GAS HOUSE FURNACE 100	42345310.	.62
0981C31	REPAIR GAS HOUSE FURNACE - 200	4825813.	.07
0981C32	PREV MAINT - GAS HOUSE FURNACE	9775841.	.14
0981C33	REPLACE GAS HOUSE FURNACE - 20	19112010.	.28
0981D11	REPAIR OIL HOUSE FURNACE - 25	3597095.	.05
0981D12	PREV MAINT - OIL HOUSE FURNACE	9375309.	.14
0981D13	REPLACE OIL HOUSE FURNACE - 25	6980288.	.10

0981D21	REPAIR OIL HOUSE FURNACE - 100	6815426.	.10
0981D22	PREV MAINT - OIL HOUSE FURNACE	17308700.	.26
0981D23	REPLACE OIL HOUSE FURNACE - 10	20709260.	.31
0981D31	REPAIR OIL HOUSE FURNACE - 200	1367942.	.02
0981D32	PREV MAINT - OIL HOUSE FURNACE	3107852.	.05
0981D33	REPLACE OIL HOUSE FURNACE - 20	4324676.	.06
0981E11	REPAIR ELECTRIC HOUSE FURNACE	3566792.	.05
0981E12	PREV MAINT-ELECT HOUSE FURNACE	5854598.	.09
0981E13	REPLACE ELECT HOUSE FURNACE -	9158520.	.14
0981E21	REPAIR ELECT HOUSE FURNACE -	836361.	.01
0981E22	PREV MAINT - ELECT HOUSE FURNA	1115819.	.02
0981E23	REPLACE ELECT HOUSE FURNACE -	2334892.	.03
0981E31	REPAIR ELECT HOUSE FURNACE - 2	31368.	.00
0981E32	PREV MAINT - ELECT HOUSE FURNA	32877.	.00
0981E33	REPLACE ELECT HOUSE FURNACE-20	82972.	.00
0981F01	REPLACE RADIATOR, CAST IRON 10	1471591.	.02
0981G01	REPLACE RADIATOR, BASEBOARD 10	1530114.	.02
0981H01	REPLACE WALL RADIATOR, FINNED	16511350.	.24
0981I01	REFILL EXPANSION TANK	10506.	.00
0981I02	REPLACE EXPANSION TANK	252521.	.00
0981J11	REPAIR STEAM CONVERTOR < 300,0	111040.	.00
0981J12	INSP FOR LEAKS-STEAM CONVERTOR	4132.	.00
0981J13	REPLACE STEAM CONVERTOR < 300,	160391.	.00
0981K11	REPAIR FLASH TANK	27199.	.00
0981K12	PREVENTIVE MAINTENANCE ON FLAS	832.	.00
0981K13	REPLACE FLASH TANK	20610.	.00
0981L01	CLEAN AND SCRAPE-STORAGE TANK,	1178174.	.02
0981L02	REPLACE STORAGE TANK, DHW	227881.	.00
0981M11	REPAIR IND. FURNACE GAS/OIL 50	652012.	.01
0981M12	MAINT INSPEC IND FURN GAS/OIL	189552.	.00
0981M13	EXTERNAL INSP IND FURN GAS/OIL	206482.	.00
0981M14	CLEAN FIRE BOX IND FURN GAS/OI	85229.	.00
0981M15	REPLACE IND FURNACE GAS/OIL 50	1474290.	.02
0981M21	REPAIR IND FURNACE GAS/OIL 20	258082.	.00
0981M22	MAINT INSPC.IND FURN GAS/OIL 2	98766.	.00
0981M23	EXTERNAL INSP IND FURN GAS/OIL	46667.	.00
0981M24	CLN FIRE BOX & COMP IND FURN G	54470.	.00
0981M25	REPLACE IND FURNACE GAS/OIL 20	704310.	.01
0984111	M/R, REPAIR HOT WATER PIPE	51977.	.00
0984112	REPLACE HOT WATER PIPE, 12' SE	514921.	.01
0984121	REPAIR SOLDER JOINT-PIPE/FITTI	18347.	.00
0984122	REPLACE HOT WATER PIPE, COPPER	238002.	.00
0984131	UNCLOG FLOOR DRAIN-PIPE & FITT	4969.	.00
0984132	UNCLOG MAIN DRAIN-PIPE & FITTI	1767.	.00
0984133	REPLACE PIPE & FITTINGS,PVC	519716.	.01
0984141	REPAIR BROKEN PIPE INSULATION	500156.	.01
0984142	REPLACE BROKEN PIPE INSULATION	38937360.	.57
0984211	REPACK GATE VALVE GLAND, 3/8"	5117137.	.08
0984212	REPLACE GATE VALVE, 3/8" - 1 1	3920947.	.06
0984221	REPACK GATE VALVE GLAND, 2"-3"	22375.	.00
0984222	REPLACE GATE VALVE, 2"-3"	303811.	.00
0984281	M/R, REPACK DRAIN VALVE GLAND	921535.	.01
0984282	REPLACE DRAIN VALVE STEM ASSEM	319284.	.00
0984283	REPLACE/ REPLACE DRAIN VALVE	628590.	.01
0984291	REPLACE RADIATOR VALVE 1"	366335.	.01
09842A1	REPLACE PRESSURE REDUCER VALVE	581769.	.01
0984371	REPAIR STEAM TRAP, F&T < 1"	2676380.	.04
0984372	PREVENTIVE MAINT ON STEAM TRAP	3700318.	.05
0984373	REPLACE STEAM TRAP, F&T < 1"	3177505.	.05
09843A1	REPAIR BROKEN INSULATION - AIR	3738.	.00
09843A2	REPLACE INSULATION - AIR SEPAR	187482.	.00
0984411	REPAIR CIRCULATION PUMP, < 1HP	161292.	.00
0984412	PREV MAINT ON CIRCULATOR PUMP,	145088.	.00
0984413	REPLACE CIRCULATOR PUMP, < 1HP	1959002.	.03
0984421	REPAIR CIRCULATION PUMP - 5HP	314461.	.00
0984422	PREV MAINT - CIRCULATION PUMP	74794.	.00
0984423	REPLACE CIRCULATION PUMP 5 HP	3091119.	.05
0984461	REPAIR CONDENSATE RECEIVER, 10	368208.	.01
0984462	REPAIR CONDENSATE RECEIVER,MOT	56475.	.00
0984463	PREV MAINT ON CONDENSATE RCVR,	407666.	.01
0984464	REPLACE CONDENSATE RECEIVER, 1	1898918.	.03
0991111	REPAIR A/C DX PACKAGED - 5 TON	202631.	.00

0991112	PREV MAINT - A/C DX PACKAGED 5	164982.	.00
0991113	REPLACE A/C DX PACKAGED - 5 TO	116920.	.00
0991121	REPAIR A/C DX PACKAGED - 20 TO	84882.	.00
0991122	PREV MAINT - A/C DX PACKAGED 2	65395.	.00
0991123	REPLACE A/C DX PACKAGED - 20 T	66545.	.00
0991131	REPAIR A/C DX PACKAGED - 50 TO	414633.	.01
0991132	PREV MAINT - A/C DX PACKAGED 5	116563.	.00
0991133	REPLACE A/C DX PACKAGED - 50 T	284522.	.00
0991211	REPAIR A/C WINDOW - 1 TON	216930.	.00
0991212	PREV MAINT - A/C WINDOW 1 TON	5698325.	.08
0991213	REPLACE A/C WINDOW - 1 TON	5794882.	.09
0991221	REPAIR A/C WINDOW - 2 TONS	60327.	.00
0991222	PREVENTIVE MAINT - A/C WINDOW	1585432.	.02
0991223	REPLACE A/C WINDOW - 2 TONS	2206219.	.03
0991311	REPAIR A/C PAD MOUNT. 5 TONS	1682.	.00
0991312	PREV MAINT - A/C PAD MOUNT. 5	98282.	.00
0991313	REPLACE A/C PAD MOUNT 5 TONS	83014.	.00
0991411	REPAIR HERMETIC CHILLER - 20 T	1438565.	.02
0991412	PREV MAINT - HERMETIC CHILLER	3899299.	.06
0991413	REPLACE HERMETIC CHILLER - 20	2556417.	.04
0991421	REPAIR HERMETIC CHILLER - 50 T	1519403.	.02
0991422	PREV MAINT - HERMETIC CHILLER	2298677.	.03
0991423	REPLACE HERMETIC CHILLER - 50	2245674.	.03
0991431	REPAIR HERMETIC CHILLER - 100	1425286.	.02
0991432	PREV MAINT - HERMETIC CHILLER	871241.	.01
0991433	REPLACE HERMETIC CHILLER - 100	1739535.	.03
0991441	REPR HERMET CHILL-CHILL AIR CO	31676820.	.47
0991442	PREVENT MAINT CHILLER-AIR COOL	114455600.	1.69
0991443	REPLACE CHILLER-CHILLER-AIR CO	46482400.	.69
0991451	REPR HERMET CHILL-CHILL AIR CO	6919328.	.10
0991452	PREVNT MAINT CHLLER AIR COOL R	17314400.	.26
0991453	REPLACE CHLLER-CHLLER AIR COOL	9289008.	.14
0991461	REPR HERMET CHLLR-CHLLR AIR CO	765879.	.01
0991462	PREVENT MAINT-CHILLR AIR COOL	1151317.	.02
0991463	REPLACE CHILLER-CHILLER AIR CO	608957.	.01
0991511	REPAIR HERMET CHILLER-WCH RECI	474698.	.01
0991512	PREV MAINT HERM CHILLER WCH RE	1368117.	.02
0991513	REPL HERMET CHILLERS WCH RECIP	829331.	.01
0991521	REPAIR HERMET CHILLER WCH RECI	898096.	.01
0991522	PREV MAINT HER CHILLER WCH REC	1115987.	.02
0991523	REPLACE HERMET CHILLER WCH REC	1147385.	.02
0991531	REPAIR HERMET CHILLER WCH RECI	352066.	.01
0991532	PREV MAINT-HERMET CHILLER WCH	183701.	.00
0991533	REPLACE HERMET CHILLER WCH REC	338867.	.00
0991541	REPR HERMET CHILLR-CHILL WAT C	714007.	.01
0991542	PREVENT MAINT-CHILLR WATER COO	2445292.	.04
0991543	REPL CHILLR-CHILLR WATER COOL	969091.	.01
0991551	REPR HERMET CHLLER-CHILLR WAT	133068.	.00
0991552	PREVENT MAINT-CHLLER WATER COO	40907.	.00
0991553	REPLACE CHLLER-CHLLER WATER CO	162198.	.00
0991611	REPAIR CHILLER HERMETIC CENT 1	203488.	.00
0991612	PREV MAINT - CHILLER HERMETIC	196695.	.00
0991613	REPLACE CHILLER HERMETIC CENT	310222.	.00
0991621	REPAIR CHILLER HERMETIC CENT 3	400888.	.01
0991622	PREV MAINT - CHILLER HERMET CE	119213.	.00
0991623	REPLACE CHILLER HERMET CENT 30	379044.	.01
0991821	REPAIR CHILLER DOUBLE BUN HERM	288513.	.00
0991822	PREV MAINT-CHILLER DOUBLE BUN	68957.	.00
0991823	REPLACE CHILLER DOUBLE BUN HER	208176.	.00
0991A21	REPAIR CHILLER 2 STAGE ABSORBE	23338.	.00
0991A22	PREV MAINT-CHILLER 2 STAGE ABS	31874.	.00
0991A23	REPLACE CHILLER 2 STAGE ABSORB	257686.	.00
0991B11	REPAIR AIR COOLED CONDENSER 5	28431.	.00
0991B12	PREV MAINT - AIR COOLED CONDEN	65819.	.00
0991B13	REPLACE AIR COOLED CONDENSER -	41483.	.00
0991B21	REPAIR AIR COOLED CONDENSER -	29347.	.00
0991B22	PREV MAINT - AIR COOLED CONDEN	51559.	.00
0991B23	REPLACE AIR COOLED CONDENSER -	108413.	.00
0991B31	REPAIR AIR COOLED CONDENSER -	60235.	.00
0991B32	PREV MAINT - AIR COOLED CONDEN	155515.	.00
0991B33	REPLACE AIR COOLED CONDENSER -	420666.	.01
0991B41	REPAIR CONDENSR-AIR COOL CONDE	32407.	.00

0991B42	PREVENT MAINT-AIR COOL CONDENS	23664.	.00
0991B43	REPLACE CONDENSR-AIR COOL COND	124254.	.00
0991C11	REPAIR COOLING TOWER - 50 TONS	103300.	.00
0991C12	PREV MAINT - COOLING TOWER 50	170318.	.00
0991C13	REPLACE COOLING TOWER - 50 TON	383515.	.01
0991C21	REPAIR COOLING TOWER - 100 TON	20660.	.00
0991C22	PREV MAINT - COOLING TOWER 100	106084.	.00
0991C23	REPLACE COOLING TOWER - 100 TO	173624.	.00
0991C31	REPAIR COOLING TOWER - 300 TON	20735.	.00
0991C32	PREV MAINT - COOLING TOWER 300	59373.	.00
0991C33	REPLACE COOLING TOWER - 300 TO	139992.	.00
0991C41	REPAIR COOLING TOWER - 900 TON	10410.	.00
0991C42	PREV MAINT - COOLING TOWER 900	36655.	.00
0991C43	REPLACE COOLING TOWER - 900 TO	135745.	.00
0991D11	REPAIR EVAPORATIVE CONDENSER -	4019.	.00
0991D12	PREV MAINT EVAPORATIVE CONDENS	17407.	.00
0991D13	REPLACE EVAPORATIVE CONDENSER	17224.	.00
0991D21	REPAIR EVAPORATIVE CONDENSER 1	11977.	.00
0991D22	PREV MAINT - EVAPORATIVE CONDE	57118.	.00
0991D23	REPLACE EVAPORATIVE CONDENSER	82150.	.00
0991D31	REPAIR EVAPORATIVE CONDENSER 3	86754.	.00
0991D32	PREV MAINT - EVAPORATIVE CONDE	58750.	.00
0991D33	REPLACE EVAPORATIVE CONDENSER	1081479.	.02
0991E01	REFILL EXPANSION TANK	807.	.00
0991E02	REPLACE/ REPLACE EXPANSION TAN	19242.	.00
0991F11	REPAIR FAN COIL UNIT-REFRIG FA	23115.	.00
0991F12	PREVENT MAINT- REFRIG FAN COIL	104059.	.00
0991F13	REPLACE FAN COIL UNIT-REFRIG F	227962.	.00
0991F21	REPAIR FAN COIL UNIT-REFRIG FA	25596.	.00
0991F22	PREVENT MAINT-REFRIG FAN COIL	76715.	.00
0991F25	REPLACE FAN COIL-REFRIG FAN CO	207941.	.00
0991F31	REPAIR FAN COIL UNIT-REFRIG FA	21417.	.00
0991F32	PREVENT MAINT-REFRIG FAN COIL	34921.	.00
0991F33	REPLACE FAN UNIT-REFRIG FAN CO	107642.	.00
0994111	M/R, REPAIR CHILLED WATER PIPE	13087.	.00
0994112	REPLACE/ REPLACE CHILLED WATER	147114.	.00
0994121	M/R, REPAIR SOLDER JOINT	13504.	.00
0994122	REPLACE/ REPLACE CHILLED WATER	490187.	.01
0994131	UNCLOG FLOOR DRAIN-PIPE & FITT	781.	.00
0994132	UNCLOG MAIN DRAIN-PIPE & FITTI	247.	.00
0994133	REPLACE PIPE AND FITTINGS, PVC	67058.	.00
0994211	REPACK GATE VALVE GLAND, 3/8"	497978.	.01
0994212	REPLACE GATE VALVE, 3/8" - 1 1	2087650.	.03
0994221	REPACK GATE VALVE GLAND, 2"-3"	7989.	.00
0994222	REPLACE GATE VALVE, 2"-3"	108031.	.00
0994281	REPACK DRAIN VALVE GLAND	545037.	.01
0994282	REPLACE DRAIN VALVE STEM ASSEM	188101.	.00
0994283	REPLACE DRAIN VALVE	367097.	.01
0994341	M/R REPAIR BROKEN PIPE INSULAT	78297.	.00
0994342	REPLACE PIPE INSULATION	3833201.	.06
0994411	REPAIR CIRC. PUMP	33924.	.00
0994412	PREV MAINT ON CIRC PUMP, 1/12-	31146.	.00
0994413	REPLACE CIRCULATION PUMP 1/12-	421992.	.01
0994421	REPAIR CIRCULATION PUMP 5 HP.	272945.	.00
0994422	PREVENTIVE MAINT.CIRC.PUMP 5HP	64756.	.00
0994423	REPLACE CIRC. PUMP 5 HP.	3039985.	.04
09A1111	REPAIR MULTI-ZONE UNIT, 6500 C	23549.	.00
09A1112	PREV MAINT ANNUAL-MULTI-ZONE 6	781844.	.01
09A1113	PREV MAINT REPL FLTRS-MULTI ZO	602970.	.01
09A1114	REPLACE MULTI-ZONE UNIT 6500 C	3168436.	.05
09A1121	REPAIR MULTI-ZONE UNIT 10000 C	8418.	.00
09A1122	PREV MAINT ANNUAL - MULTI-ZONE	285300.	.00
09A1123	PREV MAINT REPL FLTRS - MULTI-	257811.	.00
09A1124	REPLACE MULTI-ZONE UNIT 10000	1512203.	.02
09A1131	REPAIR MULTI-ZONE 25,000 CFM U	9801.	.00
09A1132	PREV MAINT ANNUAL- MULTI-ZONE	293762.	.00
09A1133	PREV MAINT REPL FLTRS - MULTI-	244915.	.00
09A1134	REPLACE MULTI-ZONE UNIT 25000	2104237.	.03
09A1141	REPAIR MULTI-ZONE UNIT 50000 C	3148.	.00
09A1142	PREV MAINT ANNUAL - MULTI-ZONE	54899.	.00
09A1143	PREV MAINT REPL FLTRS - MULTI-	54827.	.00
09A1144	REPLACE MULTI-ZONE UNIT 50000	666496.	.01

09A1151	REPAIR MULTI-ZONE UNIT- 2500	3078.	.00
09A1152	PREVENT MAINT-MULTI ZONE 2500	203297.	.00
09A1153	REPLACE FILTERS - MULTI-ZONE 2	130791.	.00
09A1154	REPLACE MULTI ZONE UNIT-2500 C	290683.	.00
09A1211	REPAIR DUAL DUCT UNIT 6500 CFM	8683.	.00
09A1212	PREV MAINT ANNUAL - DUAL DUCT	290258.	.00
09A1213	PREV MAINT REPL FLTRS - DUAL D	220316.	.00
09A1214	REPLACE DUAL DUCT UNIT - 6500	1137416.	.02
09A1231	REPAIR DUAL DUCT UNIT - 25000	656.	.00
09A1232	PREV MAINT ANNUAL - DUAL DUCT	19483.	.00
09A1233	PREV MAINT REPL FLTRS - DUAL D	15729.	.00
09A1234	REPLACE DUAL DUCT UNIT - 25000	133934.	.00
09A1241	REPAIR DUAL DUCT UNIT - 50000	1031.	.00
09A1242	PREV MAINT ANNUAL - 50000 CFM	17131.	.00
09A1243	PREV MAINT REPL FLTRS - DUAL D	17942.	.00
09A1244	REPLACE DUAL DUCT UNIT - 50000	230563.	.00
09A1311	REPAIR 3-DECK MULTI-ZONE UNIT	393.	.00
09A1312	PREV MAINT ANNUAL- 3-DECK MULT	13488.	.00
09A1313	PREV MAINT REPL FLTRS-3DECK ML	10038.	.00
09A1314	REPLACE 3DECK MULTI-ZONE UNIT	52389.	.00
09A1451	REPAIR DUAL DUCT VARI VOL UNIT	497.	.00
09A1452	PREV MAINT-DUAL DUCT VARI VOL	19803.	.00
09A1453	REPL FILTERS DUAL DUCT VAR VOL	28971.	.00
09A1454	REPL DUAL DUCT VARI VOL UNIT 1	204764.	.00
09A1511	REPAIR VARIABLE VOLUME UNIT -	1796.	.00
09A1512	PREV MAINT ANNUAL-VAR VOLUME 6	64367.	.00
09A1513	PREV MAINT REPL FLTRS-VAR VOL	48068.	.00
09A1514	REPLACE VARIABLE VOLUME UNIT -	259269.	.00
09A1521	REPAIR VARIABLE VOLUME UNIT -	4689.	.00
09A1522	PREV MAINT ANNUAL- VAR VOLUME	159414.	.00
09A1523	PREV MAINT REPL FLTRS-VAR VOL	143094.	.00
09A1524	REPLACE VARIABLE VOLUME UNIT -	834142.	.01
09A1611	REPAIR TERMINAL REHEAT UNIT -	2014.	.00
09A1612	PREV MAINT ANNUAL - TERM REHEA	73750.	.00
09A1613	PREV MAINT REPL FLTRS - TERM R	57928.	.00
09A1614	REPLACE TERMINAL REHEAT UNIT -	195968.	.00
09A1621	REPAIR TERMINAL REHEAT UNIT -	1309.	.00
09A1622	PREV MAINT ANNUAL - TERM REHEA	51434.	.00
09A1623	PREV MAINT REPL FLTRS - TERM R	46424.	.00
09A1624	REPLACE TERMINAL REHEAT UNIT -	190370.	.00
09A1631	REPAIR TERMINAL REHEAT UNIT -	1072.	.00
09A1632	PREV MAINT ANNUAL - TERM REHEA	34263.	.00
09A1633	PREV MAINT REPL FLTRS -TERM RE	29408.	.00
09A1634	REPLACE TERMINAL REHEAT UNIT -	228244.	.00
09A1741	REPAIR 2 PIPE INDUCTION UNIT -	17079.	.00
09A1742	PREV MAINT ANNUAL-2PIPE INDUCT	335205.	.00
09A1743	PREV MAINT REPL FLTRS-2PIPE IN	337258.	.00
09A1744	REPLACE 2 PIPE INDUCTION UNIT-	3096448.	.05
09A1911	REPAIR 2 PIPE FAN COIL UNIT -	1978600.	.03
09A1912	PREV MAINT CLEAN COIL - 2PIPE	8240642.	.12
09A1913	PREV MAINT REPL FLTRS-2PIPE FA	9903117.	.15
09A1914	REPLACE 2 PIPE FAN COIL UNIT -	14893050.	.22
09A1921	REPAIR 2 PIPE FAN COIL UNIT -	503050.	.01
09A1922	PREV MAINT CLEAN COIL-2PIPE FA	2150095.	.03
09A1923	PREV MAINT REPL FLTRS-2 PIPE F	2535416.	.04
09A1924	REPLACE 2 PIPE FAN COIL UNIT -	4236365.	.06
09A1931	REPAIR 2PIPE FAN COIL UNIT - 6	1055324.	.02
09A1932	PREV MAINT CLEAN COIL-2 PIPE F	4511318.	.07
09A1933	PREV MAINT REPL FLTRS- 2 PIPE	5322612.	.08
09A1934	REPLACE 2 PIPE FAN COIL UNIT -	9657672.	.14
09A1941	REPAIR 2 PIPE FAN COIL UNIT -	62384.	.00
09A1942	PREV MAINT CLEAN COIL- 2 PIPE	267201.	.00
09A1943	PREV MAINT REPL FLTRS- 2PIPE F	313849.	.00
09A1944	REPLACE 2 PIPE FAN UNIT - 1200	923264.	.01
09A1A11	REPAIR 4 PIPE FAN COIL UNIT -	895468.	.01
09A1A12	PREV MAINT CLEAN COIL - 4PIPE	4019588.	.06
09A1A13	PREV MAINT REPL FLTRS- 4 PIPE	4576270.	.07
09A1A14	REPLACE 4 PIPE FAN COIL UNIT -	7147604.	.11
09A1B11	REPAIR UNIT VENT - 400 CFM	3702.	.00
09A1B12	PREV MAINT - UNIT VENT 400 CFM	55472.	.00
09A1B13	REPLACE UNIT VENT - 400 CFM	76878.	.00
09A1B21	REPAIR UNIT VENT - 1200 CFM	1742.	.00

09A1B22	PREV MAINT - UNIT VENT 1200 CF	25602.	.00
09A1B23	REPLACE UNIT VENT - 1200 CFM	43233.	.00
09A1C11	REPAIR SINGLE ZONE DRAW-THRU -	132949.	.00
09A1C12	PREV MAINT ANNUAL-SINGLE Z DRA	8795108.	.13
09A1C13	PREV MAINT REPL FLTRS-SINGLE Z	7081948.	.10
09A1C14	REPLACE SINGLE ZONE DRAW-THRU	12565450.	.19
09A1C21	REPAIR SINGLE ZONE DRAW-THRU -	37017.	.00
09A1C22	PREV MAINT ANN-SINGLE Z DRAW T	2465722.	.04
09A1C23	PREV MAINT REPL FLTRS-SINGLE Z	2328463.	.03
09A1C24	REPLACE SINGLE ZONE DRAW-THRU	4824644.	.07
09A1C31	REPAIR SINGLE ZONE DRAW THRU -	29796.	.00
09A1C32	PREV MAINT ANN-SINGLE Z DRAW T	1718011.	.03
09A1C33	PREV MAINT REPL FLTRS-SINGLE Z	1440705.	.02
09A1C34	REPLACE SINGLE ZONE DRAW THRU	5647797.	.08
09A1C41	REPAIR SINGLE ZONE DRAW THRU -	3669.	.00
09A1C42	PREV MAINT ANN-SINGLE Z DRAW T	123895.	.00
09A1C43	PREV MAINT REPL FLTRS-SINGLE Z	128851.	.00
09A1C44	REPLACE SINGLE ZONE DRAW THRU	639227.	.01
09A1C51	REPAIR SINGLE ZONE DRAW THRU 1	366680.	.01
09A1C52	PREVENT MAINT SGL ZONE DRAW TH	12082810.	.18
09A1C53	REPL FILTER SGL ZONE DRAW THRU	4827658.	.07
09A1C54	REPLACE SINGLE ZONE DRAW THRU	10310170.	.15
09A1C61	REPAIR SINGLE ZONE DRAW THRU 2	45048.	.00
09A1C62	PREV MAINT SINGLE ZONE DRAW TH	2964732.	.04
09A1C63	REPL FILTER SINGL ZONE DRAW TH	1931517.	.03
09A1C64	REPLACE SINGLE ZONE DRAW THRU	3652545.	.05
09A1D11	REPAIR UNIT HEATER - 400 CFM	260062.	.00
09A1D12	PREV MAINT - UNIT HEATER 400 C	3719903.	.05
09A1D13	REPLACE UNIT HEATER - 400 CFM	1177782.	.02
09A1D21	REPAIR UNIT HEATER - 1200 CFM	436438.	.01
09A1D22	PREV MAINT - UNIT HEATER 1200	6315690.	.09
09A1D23	REPLACE UNIT HEATER - 1200 CFM	2862468.	.04
09A1D31	REPAIR UNIT HEATER 4000 CFM	221519.	.00
09A1D32	PREVENT MAINT UNIT HEATER 4000	1494267.	.02
09A1D33	REPLACE UNIT HEATER 4000 CFM	1236153.	.02
09A1D41	REPAIR UNIT HEATER 8000 CFM	37016.	.00
09A1D42	PREVENT MAINT UNIT HEATER 8000	200596.	.00
09A1D43	REPLACE UNIT HEATER 8000 CFM	251031.	.00
09A1D51	PREVEN MAINT GAS FIRE RADIANT	2265636.	.03
09A1D52	REPLACE GAS FIRED RAD HEAT 50	1303461.	.02
09A1E11	REPAIR HEAT PUMP - 5 TONS	188286.	.00
09A1E12	PREV MAINT - HEAT PUMP 5 TONS	94921.	.00
09A1E13	REPLACE HEAT PUMP - 5 TONS	97234.	.00
09A1E21	REPAIR HEAT PUMP - 10 TONS	1083123.	.02
09A1E22	PREV MAINT - HEAT PUMP 10 TONS	736029.	.01
09A1E23	REPLACE HEAT PUMP - 10 TONS	609090.	.01
09A1E31	REPAIR HEAT PUMP - 25 TONS	217250.	.00
09A1E32	PREV MAINT - HEAT PUMP 25 TONS	69938.	.00
09A1E33	REPLACE HEAT PUMP - 25 TONS	144284.	.00
09A1E41	REPAIR HEAT PUMP 1T THRU-WALL	231715.	.00
09A1E42	PREVENT MAINT HEAT PUMP 1T	494946.	.01
09A1E43	REPLACE HEAT PUMP 1T THRU-WALL	536849.	.01
09A1G11	CLEAN COIL-DUCTCOIL 1-ROW H.W.	1791484.	.03
09A1G12	REPLACE COIL-DUCTCOIL 1-ROW H.	163478.	.00
0982111	REPAIR FAN-FORCE DRAFT FAN 10,	4467.	.00
0982112	PREVENT MAINT-FORCE DRAFT FAN	243968.	.00
0982113	REPL FAN-FORCE DRAFT FAN 10,00	324198.	.00
0982121	REPAIR FAN-IND DRAFT FAN 10,00	14578.	.00
0982122	PREVENT MAINT IND FAN 10,000 C	655534.	.01
0982123	REPLACE IND DRAFT FAN 10,000	891972.	.01
09C1111	REPLACE FAN AND MOTOR - 200 CF	2082403.	.03
09C1112	PREV MAINT CLEANING - EXHAUST	9019906.	.13
09C1113	REPLACE UNIT - EXHAUST FAN 200	6955067.	.10
09C1121	REPAIR EXHAUST FAN - 1000 CFM	779085.	.01
09C1122	PREV MAINT - EXHAUST FAN 1000	8835248.	.13
09C1123	REPLACE ROOF MOUNTED EXHAUST F	6784341.	.10
09C1131	REPAIR EXHUAST FAN 10000 CFM	1256945.	.02
09C1132	PREVENTIVE MAINT. EXHAUST FAN	48679790.	.72
09C1133	REPLACE EXHAUST FAN 10000 CFM	52681300.	.78
09C1141	REPAIR EXHAUST FAN 25000 CFM	106289.	.00
09C1142	PREVENTIVE MAINT. EXHAUST FAN	3508540.	.05
09C1143	REPLACE EXHAUST FAN 25000 CFM	5656186.	.08

09C1151	REPAIR EXHAUST FAN 50000 CFM	21912.	.00
09C1152	PREVENTIVE MAINT. EXHAUST FAN	448827.	.01
09C1153	REPLACE EXHAUST FAN 50000 CFM	886160.	.01
09C1161	REPAIR FAN, EXHAUST FAN 5000 C	41495.	.00
09C1162	PREVENT MAINT EXHAUST FAN 5000	446884.	.01
09C1163	REPLACE ROOF MOUNTED EXHAUST F	1686853.	.02
09C1211	REPLACE FAN & MOTOR AIR CURAIN	6821.	.00
09C1212	PREVENT MAINT-AIR CURTAIN, 100	12426.	.00
09C1213	REPLACE UNIT-AIR CURTAIN, 1000	38684.	.00
09C2101	REPLACE METAL FLUE	30670.	.00
09D5101	REPAIR ROOM HUMIDIFIER, FLOOR	1830.	.00
09D5102	PREV MAINT CLEANING-RM HUMIDIF	16652.	.00
09D5103	REPLACE ROOM HUMIDIFIER, FLOOR	14086.	.00
09E1111	PREVENTIVE MAINTENANCE	88673480.	1.31
09E1112	REPLACE PNEUMATIC THERMOSTAT	35727860.	.53
09E1121	PREVENT MAINT HUMIDISTAT	670374.	.01
09E1122	REPLACE HUMIDISTAT	164458.	.00
09E1131	PREVENT MAINT WATER FLOW SENSO	98578.	.00
09E1132	REPLACE FLOW SENSOR	13695.	.00
09E1141	PREVENT MAINT RADIATION SENSOR	12809.	.00
09E1142	REPLACE RADIATION SENSOR	2611.	.00
09E1151	PREVENT MAINT WIND VELOCITY SE	2562.	.00
09E1152	REPLACE WIND VELOCITY SENSOR	701.	.00
09E1161	PREVENT MAINT PRESSURE SENSOR	406468.	.01
09E1162	REPLACE PRESSURE SENSOR	60109.	.00
09E1211	PREVENT MAINT DAMPER CONTROLLE	3073747.	.05
09E1212	REPLACE DAMPER CONTROLLER/ELEC	2774165.	.04
09E1311	REPAIR COMP. SIMPLEX AIR COMP.	735995.	.01
09E1312	CHECK AND ADJUST-SIMPLEX AIR C	351510.	.01
09E1313	REPLACE SIMPLEX AIR COMPRESSOR	2835092.	.04
1112001	REPAIR CABLE SPLICE-OVERHEAD S	4148616.	.06
1112002	CABLE INSPECTION-OVERHEAD SERV	1361947.	.02
1112003	REPLACE SERVICE CABLE-OVERHEAD	11367000.	.17
1113101	REPAIR SWITCHGEAR-MAIN PROTECT	249684.	.00
1113102	PREV MAINT & INS-SWITCHGEAR,MA	31721.	.00
1113103	REPLACE SWITCHGEAR 1200 AMP	121582.	.00
1113201	*REPLACE FUSE*	267712.	.00
1114101	REPAIR TRANSFORMER, LIQUID FIL	2102176.	.03
1114102	PREV MAINT & INSP-TRANSFORMER,	229061.	.00
1114103	REPLACE TRANSFORMER, LIQUID FI	7786066.	.11
1114201	REPAIR TRANSFORMER,DRY,AB 15,0	1364.	.00
1114202	PREV MAINT &INSP-TRANSFORMER,D	9828.	.00
1114203	REPLACE TRANSFORMER,DRY,AB 150	344545.	.01
1115101	REPAIR SWITCHGEAR, INDOOR, 0-6	2585435.	.04
1115102	PREV MAINT &INSEP-SWITCHGEAR,I	534190.	.01
1115103	REPLACE SWITCHGEAR, INDOOR, 0-	29384390.	.43
1115201	MAINT & REPAIR, SWITCHGEAR,IND	24434.	.00
1115202	PREV MAINT &INSP SWITCHGEAR, I	2765.	.00
1115203	REPLACE SWITCHGEAR,INDOOR AB 6	206886.	.00
1116101	MAINT & REPAIR TRANSFORMER, LI	7978.	.00
1116102	PREV MAINT&INSP-TRANSFORMER,LI	216006.	.00
1116103	REPLACE TRANSFORMER,LIQUID BEL	892552.	.01
1116201	MAINT &REPAIR TRANSFORMER, DRY	293485.	.00
1116202	PREV MAINT &INSP TRANSFORMER,D	59443.	.00
1116203	REPLACE TRANSFORMER, DRY BELOW	5335593.	.08
1117101	MAINT & REPAIR SWITCHGEAR,INDR	9689002.	.14
1117102	PREV MAINT &INSEP SWITCHGEAR,I	1960869.	.03
1117103	REPLACE SWITCHGEAR, INDOOR, BE	113147700.	1.67
1117201	MAINT & REPAIR SWITCHGEAR, IND	869515.	.01
1117202	PREV MAINT &INSP SWITCHGEAR,IN	234926.	.00
1117203	REPLACE SWITCHGEAR, INDOOR AB	5225654.	.08
1118701	MAINT & REPAIR BUSS DUCT, POWE	1693.	.00
1118702	PREV MAINT & INSP BUSS DUCT,PO	2386.	.00
1118703	REPLACE BUSS DUCT,POWER & LIGH	81726.	.00
1119101	MAINT & REPAIR METER, DARSONVA	7964.	.00
1119102	REPLACE METER, DARSONVAL GALVA	16509.	.00
1119401	MAINT & REPAIR RECTIFIER, UNDE	11933.	.00
1119402	PREV MAINT & INSP RECTIFIER, U	9977.	.00
1119403	REPLACE RECTIFIER, UNDER 600 V	3440.	.00
1122101	MAINT & REPAIR SAFETY SWITHCH,	1836374.	.03
1122102	PREV MAINT & INSP SAFETY SWITC	26145100.	.39
1122103	REPLACE SAFETY SWITCH, ENCLOSE	3160861.	.05

1122311	MAINT & REPAIR CIRCUIT BREAKER	294505.	.00
1122312	PREV MAINT&INSP CIRCUIT BREAKE	56508.	.00
1122321	REPAIR FAILED BREAKER,MC, 600	5211.	.00
1122322	PREV MAINT &INSP CIRCUIT BREAK	998.	.00
1122331	MAINT &REPAIR CIRCT BREAKER,FI	23205440.	.34
1122332	PREV MAINT&INSP CIRCT BREAKER,	4446876.	.07
1122341	REPAIR FAILED CIRCT BREAKER,FI	292377.	.00
1122342	PREV MAINT&INSP CIRCT BRKER, F	13566.	.00
1122343	REPLACE CIRCUIT BREAKER,FIXD,	3822.	.00
1122361	REPAIR FAILED CIRC BREAKER M.C	93291.	.00
1122362	PREV MAINT CIRC. BREAKER M.C.	7285.	.00
1122363	REPLACE CIRC BREAKER M.C. 600V	3771.	.00
1122371	MAINT & REPR CIRC BREAKER FIXE	1170073.	.02
1122372	PREV MAINT&INSP CIRC BKR FIXED	2543776.	.04
1122381	MAINT & REPR CIRC BREAKER FIXD	246105.	.00
1122382	PREV MAINT & INSP CIR BRK FIXD	530618.	.01
1122391	MAINT & REPR CIRC BREAKER FIXD	58252.	.00
1122392	PREV MAINT CIRC BREAKER FIXED	128161.	.00
1122411	MAINT AND REPAIR SAFETY SWITCH	123015.	.00
1122412	PREVENT MAINT SAFTY SWITCH FUS	1774727.	.03
1122413	REPLACE SAFETY SWITCH FUSED 1P	101983.	.00
1122421	MAINT AND REPAIR SAFETY SWITCH	146526.	.00
1122422	PREV MAINT SAFETY SWITCH FUSED	2074743.	.03
1122423	REPLACE SAFETY SWITCH FUSED 2P	278226.	.00
1122431	MAINT AND REPAIR SAFETY SWITCH	212671.	.00
1122432	PREV MAINT SAFETY SWITCH FUSED	3011878.	.04
1122433	REPLACE SAFETY SWITCH FUSED 3P	743844.	.01
1122441	REPLACE LOW VOLTAGE CARTRIDGE	41032.	.00
1122451	REPLACE PLUG FUSE	22870.	.00
1123601	MAINT & REPAIR MOTOR STARTER,	6827992.	.10
1123602	PREV MAINT & INSP MOTOR STARTE	16195960.	.24
1123603	REPLACE MOTOR STARTER, 0-600 V	3785020.	.06
1123701	MAINT & REPAIR MOTOR STARTER,6	28670.	.00
1123702	PREV MAINT&INSP MOTOR STARTER,	25290.	.00
1123703	REPLACE MOTOR STARTER, 601-15,	56559.	.00
1124001	MAINT & REPAIR CONTACTORS AND	5010904.	.07
1124002	PREV MAINT CONTACTORS AND RELA	2104140.	.03
1124003	REPLACE CONTACTORS AND RELAYS	3219409.	.05
1127101	MAINT & REPAIR WIRING DEVICE,	27836300.	.41
1127102	REPLACE WIRING DEVICE, SWITCH	31149510.	.46
1127201	MAINT & REPAIR RECEPTACLE AND	34083720.	.50
1127202	REPLACE RECEPTACLE AND PLUG	44815640.	.66
1127301	MAINT & REPAIR SWITCH, PULL CO	5625961.	.08
1127302	REPLACE SWITCH, PULL CORD	3108754.	.05
1131101	MAINT &REPAIR INCANDESCENT LIG	24752150.	.37
1131102	REPLACE LAMP, INCANDESCENT LIG	5406057.	.08
1131103	REPLACE INCANDESCENT LIGHTING	35243140.	.52
1131201	MAINT & REPAIR QUARTZ LIGHT FI	1504.	.00
1131202	REPLACE LAMP, QUARTZ LIGHTING	8602.	.00
1131203	REPLACE QUARTZ LIGHTING FIXTUR	10706.	.00
1131301	MAINT & REPAIR FLUORESCENT LIG	38090110.	.56
1131302	REPLACE LAMPS (2),FLUORESCENT	6836466.	.10
1131303	REPLACE FLUORESCENT LIGHTING F	87981810.	1.30
1131411	MAINT&REPAIR HID,MERCURY VAPOR	806142.	.01
1131412	REPLACE LAMP-HID,MERCURY VAPOR	376123.	.01
1131413	REPLACE FIXTURE,HID,MERCURY VA	1625243.	.02
1131421	MAINT &REPAIR,HID,METAL HALID	460452.	.01
1131422	REPLACE LAMP,HID,METAL HALID F	760999.	.01
1131423	REPLACE FIXTURE,HID,METAL HALI	1052919.	.02
1131501	MAINT & REPAIR EMERGENCY LIGHT	169612.	.00
1131502	REPLACE LAMP, EMERGENCY LIGHT	462851.	.01
1131503	REPLACE EMERGENCY LIGHTING FIX	2865972.	.04
1131611	MAINT & REPAIR H.P. 250 W	4956426.	.07
1131612	REPLACE LAMP, SODIUM FIXT H.P.	3097435.	.05
1131613	REPLACE SODIUM FIXTURE, H.P. 2	8038635.	.12
1131621	MAINT & REPAIR,SODIUM FIXT L.P	270471.	.00
1131622	REPLACE LAMP,SODIUM FIXT L.P.	46124.	.00
1131623	REPLACE SODIUM FIXTURE, L.P. 2	463061.	.01
1131701	REPAIR EXIT LIGHT	431595.	.01
1131702	REPAIR LAMPS EXIT LIGHT	484843.	.01
1131703	REPLACE LIGHTING FIXTURE-EXIT	516014.	.01
1141001	MAINT & REPAIR-ELECTIRCAL SERV	248111.	.00

1141002	REPLACE ELECTRICAL SERVICE GRO	4654334.	.07
1142001	MAINT & REPAIR BUILDING STRUCT	5461.	.00
1143511	MAINTENANCE AND REPAIR-LIGHTNI	1090891.	.02
1143512	REPLACE LIGHTNING GROUNDING RO	82623.	.00
1144001	MAINT & REPAIR COMPUTER SYSTEM	6400.	.00
1144002	REPLACE COMPUTER GROUND SYSTEM	7210.	.00
1145001	MAINT & REPAIR SPECIAL GROUND	31894.	.00
1145002	REPLACE SPECIAL GROUND SYSTEM	34683.	.00
1211101	REPAIR 4-PIN RECEPTACLE, TELEP	3508548.	.05
1211102	REPLACE 4-PIN RECEPTACLE, TELE	4570981.	.07
1211201	REPAIR TELEPHONE CABLE ,22 AWG	37707.	.00
1211202	REPLACE TELEPHONE CABLE ,22 AW	249278.	.00
1215001	REPAIR DOOR BELL	1554784.	.02
1215002	PREVENT MAINT AND INSPEC DOOR	7079235.	.10
1215003	REPLACE DOOR BELL	7200362.	.11
1221101	M/R CHECK AND REPAIR MANUAL PU	484296.	.01
1221102	REPLACE MANUAL PULL STATION	1966820.	.03
1221201	M/R REPAIR SMOKE DETECTOR	1794635.	.03
1221202	CHECK OPERATION, SMOKE DETECTO	8089717.	.12
1221203	REPLACE SMOKE DETECTOR	11313200.	.17
1221301	REPLACE FIRE ALARM BELL ,6"	1293536.	.02
1221401	M/R MINOR REPAIRS TO ANNUNCIAT	52066.	.00
1221402	PREV MAINT & INSP ANNUNCIATION	217353.	.00
1221403	REPLACE ANNUNCIATION PANEL	243043.	.00
1221501	REPAIR HEAT DETECTOR	295662.	.00
1221502	CHECK OPERATION HEAT DETECTOR	1123350.	.02
1221503	REPLACE HEAT DETECTOR	525051.	.01
1221601	MINOR REPAIRS TO FIRE ALARM CO	657853.	.01
1221602	PREVENT MAINT & INSP FIRE ALRM	2919501.	.04
1221603	REPLACE FIRE ALARM CONT PANEL	7682792.	.11
1233001	MAINTENANCE AND REPAIR TV CABL	809726.	.01
1233002	REPLACE TV CABLE OUTLET	1669652.	.02
1243001	MINOR REPAIRS - LIGHT DIMMING	3572.	.00
1243002	PREV MAINT & INSPEC- LIGHT DIM	3578.	.00
1243003	REPLACE LIGHT DIMMING PANEL	10716.	.00
1261101	MAINT & REPAIR TIME CONTR. CLO	150649.	.00
1261102	CHECK OPERATION - TIME CONTROL	375723.	.01
1261103	REPLACE TIME CONTROL CLOCK	333090.	.00
1271001	MAINT & REPAIR BASEBOARD HEATE	56644.	.00
1271002	PREV MAINT & INSP BASEBOARD HE	456463.	.01
1271003	REPLACE BASEBOARD HEATER	143232.	.00
1272101	MAINT &REPAIR WALL MOUNTD &REC	66777.	.00
1272102	PREV MAINT&INSP WALL MOUNTD& R	154360.	.00
1272103	REPLACE HEATER,WALL MOUNTD& RE	66439.	.00
1272201	MAINT & REPAIR RADIANT SUSPEND	38481.	.00
1272202	PREV MAINT&INSP RADIANT SUSPEN	302404.	.00
1272203	REPLACE HEATER,RADIANT SUSPEND	143891.	.00
1272301	MAINT &REPAIR INFRARD SUSPEND,	33112.	.00
1272302	PREV MAINT INSP INFRARD SUSPEN	121421.	.00
1272303	REPLACE HEATER,INFRARD SUSPEND	38062.	.00
1273101	MAINT REPAIR STANDARD SUSPENDE	225862.	.00
1273102	PREV MAINT INSP STANDARD SUSPE	511908.	.01
1273103	REPLACE STANDARD SUSPENDED HEA	253908.	.00
1274001	MAINT & REPAIR DUCT HEATERS	401568.	.01
1274002	PREV MAINT & INSP DUCT HEATERS	243296.	.00
1274003	REPLACE DUCT HEATER	129622.	.00
1281102	PREV MAINT GENERATOR, GASOLINE	115449.	.00
1281103	REPLACE GENERATOR COMPONENT, G	5191159.	.08
1281202	PREV MAINT GENERATOR, DIESEL	41014.	.00
1281203	REPLACE DIESEL GENERATOR COMPO	1731676.	.03
1281302	PREV MAINT GENERATOR, VAPOR GA	22405.	.00
1281303	REPLACE GENERATOR COMPONENT, V	868046.	.01
1281422	PREV MAINT GENERATOR, GAS TURB	118806.	.00
1281423	REPLACE GENERATOR COMPONENT, G	5453827.	.08
1281501	MAINT & REPAIR TRANSFER SWITCH	26553.	.00
1281502	PREV MAINT TRANSFER SWITCH	19082.	.00
1281503	REPLACE TRANSFER SWITCH	61167.	.00
1282101	MAINT & REPAIR STATIC CHARGER,	20171.	.00
1282102	PREV MAINT &INSP STATIC CHARGE	49885.	.00
1282103	REPLACE STATIC CHARGER, BATTER	17027.	.00
1282201	MAINT & REPAIR MOTOR GENERATOR	13201.	.00
1282202	PREV MAINT MOTOR GENERATOR, BA	9221.	.00

1282203	REPLACE MOTOR GENERATOR, BATTE	1871.	.00
1283101	PREV MAINT BATTERY, PRIMARY WE	3592587.	.05
1283102	REPLACE BATTERY, PRIMARY WET	173147.	.00
1283201	PREV MAINT BATTERY, PRIMARY DR	2839572.	.04
1283202	REPLACE BATTERY, PRIMARY DRY	272676.	.00
1283301	PREV MAINT BATTERY SECONDARY W	7829460.	.12
1283302	REPLACE BATTERY, SECONDARY WET	564680.	.01
1283401	PREV MAINT BATTERY SECONDARY D	23478560.	.35
1283402	REPLACE BATTERY, SECONDARY DRY	4824261.	.07

APPENDIX O:

PERCENTAGE OF MAINTENANCE COST BY HIGH COST TASKS FOR FUNCTIONAL USE GROUPS

All Buildings - Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Refinish sheetrock (unstpld) wall fin	0611304	3.61	1	4.16	1	4.63	2	4.41	3	2.90
Replace vinyl asbestos tile floor	062A202	2.43	3	2.51	11	1.51	3	2.85	2	3.14
Replace carpet	0629102	1.76					1	4.92	4	2.85
Repair hollow core (painted) int. dr.	05331	1.75	6	1.69	3	2.57			10	1.61
PM chiller-air cool recip., 5-ton	0991442	1.69	5	1.85	2	3.55				
Replace switchgear	1117103	1.67	4	2.12	7	1.95				
Refinish sheetrock (unstpld) ceiling	0631304	1.37	9	1.35	8	1.95	4	2.36	13	1.46
Built-up roof removal and replacement	0311107	1.31	10	1.29			14	1.04	6	2.05
PM heat/cool thermostat	09E1111	1.31	7	1.56	12	1.51				
Repl. fluorescent lighting fixtures	1131303	1.30	11	1.20	10	1.53	9	1.31	16	1.33
Repl. elec. hot water heater, 120 gal	0814H03	1.25	2	2.71						
Remove and replace shingled roof	0311357	1.21	12	1.19	18	1.05	7	1.41	15	1.41
Refinish concrete block (painted) int. wall	0612404	1.16	8	1.50	15	1.16	11	1.16		
Metal panel roof replacement	0311367	1.14	13	1.17	6	2.15				

All Buildings - Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Built-up roof, place new membrane	0311106	1.95	14	1.13					12	1.57
Built-up roof, debris removal and inspection	0311101	1.05	17	1.06					9	1.67
Shingled roof, minor repairs	0311353	1.03					8	1.40	17	1.20
Refinish plaster interior walls	0611104	1.01								
Replace wood (unfinished) ceiling	0635205		15	1.11						
Replace tile walls	0612805		16	1.07	16	1.08				
Replace dishwasher	0841102		18	1.03	19	1.04				
Replace linoleum floor	062A102		19	1.02						
Replace exhaust fan, 10,000 cfm	09C1133				4	2.42				
PM exhaust fan, 10,000 cfm	09C1132				5	2.26				
Replace vinyl sheet flooring	062A402				9	1.16				
Replace chiller-air cool, recp., 5-ton	0991443				13	1.39				
Refinish aluminum siding, 1st floor	0415I14				14	1.17				
Replace maple floor	0625203				17	1.06				

All Buildings - Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace 100 KBTU house furnace (oil)	0981D23				20	1.01				
PM weekly tour 250 BTU boiler (gas)	0981115						5	2.00		
Refinish wood frame windows, 2nd floor	0431324						6	1.45		
Place new shingles over existing	0311356						10	1.25	20	1.06
PM 100 KBTU house furnace (gas)	0981C22						12	1.15	5	2.16
Replace broken pipe insulation	0984142						13	1.15		
Refinish plaster walls	0611104								1	3.73
Refin. wood (multi-coat) ext. walls, 1st floor	0415F14								7	2.05
Refinish stucco ext. walls, 1st floor	0415C14								8	1.87
Replace 100 KBTU house furnace (gas)	0981C23								11	1.59
Refinish plaster ceiling	0631104								14	1.44
Clean hot water heater, gas/oil, 30 gal	0814D02								18	1.20

All Buildings - Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Built-up roof, flashing repairs	0311105								19	1.09
Replace wood parquetry floor	0625103								21	1.05
Built-up roof, minor membrane rep.	0311103								22	1.04

General Construction Buildings Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Total panel replacement-metal roof	0311367	10.68	3	2.52	1	18.15				
Replace fluorescent light fixture	1131303	2.91	1	3.31	4	2.64	3	2.67	4	5.07
Replace vinyl asbestos tile flooring	062A202	1.82	8	1.90	16	1.32	2	3.88		
Refinish steel (painted) exterior, 1st floor	0415L14	1.77			2	3.16				
Replace shingled roof	0311357	1.55	4	2.43			8	1.86	5	5.01
Replace 200 KBTU house furnace (oil)	0981D33	1.54			3	2.65				
Replace switchgear, indoor, 0-600V	1115103	1.48	9	1.64	10	1.56	13	1.34		
Replace wood (unfinished) ceiling	0635205	1.45			5	2.57				
Refinish sheetrock (unstippled) wall	0611304	1.44	25	1.10	15	1.34	4	2.62		
Minor repairs-shingled roof	0311353	1.35	6	1.98			7	1.98	6	4.52
M&R fluorescent light fixture	1131301	1.27	15	1.37	18	1.17	15	1.20	14	2.31
Refinish steel interior (painted) wall	0616304	1.23			6	2.22				

General Construction Buildings Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
PM heat/cool thermostats	09E1111	1.18			19	1.12	11	1.72	22	1.05
Replace linoleum floor	062A102	1.18	14	1.40			1	4.84		
PM weekly tour 250 BTU boiler (oil)	0981314	1.14	22	1.18	13	1.39				
Replace new over existing-shingled roof	0311356	1.13	11	1.59			10	1.76	8	3.95
PM 200 KBTU house furnace (oil)	0981D32	1.12			7	1.94				
PM battery secondary dry	1283401	1.11			8	1.64				
Refinish aluminum siding exterior, 1st floor	0415I14	1.10	13	1.42	14	1.35				
Replace drinking fountain	0811H07	1.08			12	1.50				
Refinish aluminum panel ceiling	0636104	1.01			9	1.57				
Replace air compressor	0831113		2	3.30						
Refinish wire mesh wall	0616404		5	2.24						
Refinish wood supports, exterior porch	0443204		7	1.97						
PM chiller-air cool. recip. 5-ton	0991442		10	1.62						
PM single-zone draw thru 1,000 CFM	09A1C52		12	1.44						

General Construction Buildings Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Flashing repairs-shingled roof	0311355		16	1.31			14	1.22	12	2.96
Refinish concrete decking exterior porch	0441104		17	1.28						
Replace single-zone draw thru 1,000 CFM	09A1C54		18	1.22						
M&R duct heaters	1274001		19	1.22						
Replace membrane, built-up roof	0311107		20	1.21			18	1.01		
Replace wood supports exterior porch	0443205		21	1.20						
Replace single-zone draw thru 2,500 CFM	09A1C64		23	1.18						
PM chiller-air cool. recip. 15-ton	0991462		24	1.11						
Replace 1-ton window A/C	0991213		26	1.09						
Put new membrane over existing-shingle	0311106		27	1.03						
PM 1-ton window A/C	0991212		28	1.03						
Flashing replacement-metal roof	0311365				11	1.51				
Refinish aluminum siding exterior, 2nd floor	0415I24				17	1.20				

General Construction Buildings Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Refinish aluminum frm. screen, 1st floor	0434614				20	1.10				
Replace fire alarm panel	1221603				21	1.00				
Replace switchgear, indoor,below 600V	1117103						5	2.35		
Refinish concrete block (painted) wall	0612404						6	2.25		
Replace induction furnace gas/oil 500 MBU	0981M15						9	1.80		
Refinish sheetrock (unstippled) ceiling	0631304						12	1.48		
PM safety switch, fused 1 P	1122412						16	1.07		
Refinish painted concrete block exterior wall, 1st floor	0415914						17	1.02		
Replace 2,000 BTU boiler (oil)	0981326						19	1.00		
Refinish wood finish (multi-coat) exterior, 1st floor	0414F14								1	15.82
Replace wood (finished) ceiling	0635105								2	6.46
Replace 200 KBTU house furnace (gas)	0981C33								3	5.74

General Construction Buildings Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Refinish masonite interior wall	0612904								7	4.43
Refinish wood (finished) ceiling	0635104								9	3.72
PM 200 KBTU house furnace (gas)	0981C32								10	3.06
Replace wood frame (painted) exterior window, 1st floor	0431315								11	2.97
Refinish plywood (painted) wall	0615104								13	2.45
Repair wood (finished) ceiling	0635102								15	1.97
Debris removal & inspect-shingled roof	0311351								16	1.81
Repair solid core wood painted interior door	0533212								17	1.61
Replace solid core (painted) exterior door	0423215								18	1.49
Refinish wood frame (painted) exterior window, 1st floor	0431314								19	1.47
Repair 200 KBTU house furnace (gas)	0981C31								20	1.43
Repair solid core (painted) exterior door	0423212								21	1.16

Applied Instruction Buildings Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Total panel replacement-metal roof	0311367	5.77			1	13.81				
Replace carpet	0629102	3.27	1	6.03			1	6.77		
Replace fluorescent lighting fixture	1131303	3.02	3	3.28	4	2.53	3	3.47		
Refinish aluminum panel ceiling	0636104	2.80			2	4.73				
Replace vinyl asbestos tile flooring	062A202	2.36	8	2.71	10	1.23	2	3.81		
Refinish steel interior (painted) wall	0616304	1.96			3	3.75				
Replace broken pipe insulation	0984142	1.84			5	2.47	7	1.71		
Replace switchgear, indoor below 600V	1117103	1.63	13	1.88			4	2.54		
Membrane replacement built-up roof	0311107	1.61	2	3.73	13	1.15	15	1.08		
M&R fluorescent lighting fixture	1131301	1.33	18	1.36	15	1.12	10	1.55		
Refinish sheetrock (unstippled) wall	0611304	1.29	9	2.52			8	1.65		
Refinish concrete block (painted) wall	0612404	1.27			8	1.70				
Debris removal & inspection built-up roof	0311101	1.26	7	3.06						

Applied Instruction Buildings Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
New membrane over existing-BUR	0311106	1.24	4	3.22	17	1.03				
Replace aluminum panel ceiling	0636105	1.19			6	2.03				
PM heat/cool thermostat	09E1111	1.10			16	1.09	13	1.23		
Replace HP 250 watt sodium fixture	1131613	1.03			7	1.95				
Replace 50-ton hermetic chiller	0991423		5	3.16						
PM 50-ton hermetic chiller	0991422		6	3.07						
Repair 50-ton hermetic chiller	0991421		10	2.15						
Flashing repairs-built-up roof	0311105		11	2.08						
Minor membrane repairs-BUR	0311103		12	2.03						
Replace ceramic tile wall	0612805		14	1.61						
Replace hot water heater	0814H03		15	1.43						
Replace single-zone draw thru, 10,000 CFM	09A1C24		16	1.38						
Repair hollow core (painted) interior door	0533112		17	1.36						
Replace linoleum floor	062A102		19	1.27						

Applied Instruction Buildings Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
PM chiller-air coil recip 10-ton	0991452		20	1.23						
Repair 25-ton heat pump	09A1E31		21	1.21						
Refinish acoustical tile wall	0619204		22	1.09						
PM & inspect motor starter, 0-600V	1123602				9	1.62				
M&R HP 250 watt sodium fixture	1131611				11	1.20				
Replace exhaust fan 25,000 CFM	09C1143				12	1.19				
Flashing replacement-metal roof	0311365				14	1.15				
PM battery, secondary dry	1283401						5	2.45		
Replace rubber tile flooring	062A302						6	2.12		
PM 1-ton window A/C	0991212						9	1.57		
Replace 1-ton window A/C	0991213						11	1.50		
Refinish wood frame (painted) exterior window, 3+ floor	0431334						12	1.39		
Total roof replace-roll roofing	0311347						14	1.22		
Minor repairs-shingled roof	0311353						16	1.07		

Aviation Unit Maintenance Hangars Cost By Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Refinish steel interior finish (painted) wall	0616304	19.09	1	21.54						
Refinish aluminum panel ceiling	0636104	5.51	2	5.78			2	4.49		
Replace membrane, built-up roofing	0311107	4.04	3	4.44			20	1.20		
Put new membrane over existing-BUR	0311106	3.49	4	3.86						
Debris removal & inspection built-up roofing	0311101	3.30	5	3.64						
Refinish concrete block (painted) wall	0612404	3.23	6	3.32			6	3.09		
Total panel replacement-metal roof	0311367	2.64			1	23.07	1	12.97		
Replace aluminum panel ceiling	0636105	2.36	7	2.49			13	1.81		
Flashing repairs-built-up roof	0311105	2.25	8	2.49						
Minor membrane repairs-BUR	0311103	2.20	9	2.42						
Replace fluorescent lighting fixture	1131303	1.50	11	1.33	9	2.18	7	3.08		
Refinish steel (painted) exterior 3rd floor	0415L34	1.41	10	1.59						

Aviation Unit Maintenance Hangars Cost By Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace switchgear, indoor below 600V	1117103	1.28	12	1.24	19	1.14	14	1.80		
Replace fin radiator, wall 10 ft	0943301		13	1.01						
PM & inspect infrared susp comm heater	1272302				2	8.44				
Replace xfmr, liquid filled above 600V	1114103				3	3.67				
Replace HID mercury vapor fixture 250W	1131413				4	3.58				
Replace IR suspended comm heater	1272303				5	2.65				
Refinish steel (painted) exterior 2nd floor	0415L24				6	2.64				
Refinish steel (painted) exterior 1st floor	0415L14				7	2.58				
M&R IR suspended comm. heater	1272301				8	2.30				
Flashing replacement-metal roof	0311365				10	1.92	22	1.16		
PM chiller-air cool recip. 5-ton	0991442				11	1.88				
M&R HID mercury vapor fixture 250W	1131411				12	1.80				

Aviation Unit Maintenance Hangars Cost By Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace 1 HP air compressor	0831113				13	1.71				
Replace plastic ceiling	0634205				14	1.48				
Replace vinyl asbestos tile flooring	062A202				15	1.42	10	2.30		
Refinish concrete floor	062B202				16	1.35				
Refinish acoustical tile wall	0619204				17	1.29				
Refinish concrete decking exterior porch	0441104				18	1.28				
Rpr xfmr, liquid filled above 600V	1114101				20	1.10				
Replace wall radiator, finned 10' section	0981H01						3	3.97		
Replace 2,000 BTU boiler (oil)	0981326						4	3.33		
PM weekly tour 2,000 BTU boiler (oil)	0981324						5	3.24		
Replace broken pipe insulation	0984142						8	2.85		
Replace HP sodium fixture 250W	1131613						9	2.49		
Refinish steel frame (painted), exterior window, 2nd floor	0431224						11	1.89		

Aviation Unit Maintenance Hangars Cost By Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace 6500 CFM single-zone draw thru	09A1C14						12	1.89		
M&R HP sodium fixture 250W	1131611						15	1.53		
PM annual 6500 CFM single-zone draw thru	09A1C12						16	1.50		
PM safety switch fused 3P	1122432						17	1.42		
M&R fluorescent lighting fixture	1131301						18	1.38		
Replace carpet	0629102						19	1.28		
Refinish plaster wall	0611104						21	1.17		
PM replace filters 6500 CFM single zone	09A1C13						23	1.14		
Refinish painted concrete block exterior wall, 2nd floor	0415924						24	1.12		
Replace lamp HP sodium fixture 250W	1131612						25	1.01		
Refinish aluminum frame screen, 2nd floor	0434624						26	1.01		
Refinish aluminum frame storm window, 2nd floor	0434124						27	1.00		

Organizational Vehicle Maintenance Facilities Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace broken pipe insulation	0984142	1.40	12	1.71			8	2.33		
Replace aluminum panel ceiling	0636105	1.32	11	1.77			20	1.28		
PM heat/cool thermostat	09E1111	1.31	13	1.52	8	2.23	27	1.08		
Refinish steel interior (painted) wall	0616304	1.13	8	1.97						
Replace wood (unfinished) ceiling	0635205	1.06					3	3.22	10	1.36
Replace HP 250W sodium fixture	1131613		17	1.08						
Refinish sheetrock (unstippled) wall	0611304		18	1.01			15	1.43		
PM weekly tour 250 BTU boiler (oil)	0981314				7	2.52			8	1.64
Refinish aluminum siding, 1st floor	0415114				9	2.00				
Replace switchgear, indoor 0-600V	1115103				12	1.64	26	1.15		
Refinish painted concrete block exterior wall, 2nd floor	0415924				13	1.46				
Replace pipe or gutter	0822102				14	1.45				
Replace gas compressor > 1/2 HP	0831133				15	1.43				

Organizational Vehicle Maintenance Facilities Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
PM & inspect, motor-starter, 0-600V	1123602				16	1.42	28	1.08	17	1.19
Repair steel (painted) single roll-up door	0427102				18	1.36			20	1.06
M&R fluorescent lighting fixture	1131301				19	1.34			12	1.32
PM 1,200 CFM unit heater	09A1D22				20	1.30	14	1.47		
Refinish steel (painted) single roll-up door	0427104				21	1.14				
PM 400 CFM unit heater	09A1D12				23	1.11				
Replace unfinished concrete floor	062B102				24	1.09	24	1.16	19	1.15
Removal & replacement-shingled roof	0311357				25	1.00	16	1.43		
Replace 2,000 BTU boiler (oil)	0981326						1	3.36		
PM weekly tour 2,000 BTU boiler (oil)	0981324						2	3.36		
Replace individual furnace gas/oil 2,000 MBU	0981M25						6	2.68		
Minor repairs-shingled roof	0311353						13	1.54		
PM & inspect safety switch, enclosed	1122102						17	1.39		

Organizational Vehicle Maintenance Facilities Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace new over existing-shingled roof	0311356						18	1.37		
Total roof replacement-roll roofing	0311347						21	1.26		
Replace hot water heater, electric, 120-gal	0814H03						22	1.22		
Replace 1 HP air compressor	0831113								16	1.20
Replace switchgear, indoor below 600V	1117103								18	1.16
Refinish stucco exterior wall, 1st floor	0415C14								21	1.02

DS/GS Vehicle Maintenance Shop Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace 40,000 BTU boiler (coal)	0981215	14.85	1	14.89						
Total panel replacement-metal roof	0311367	10.74	2	10.77						
Replace HP 250W sodium fixture	1131613	5.38	3	5.39						
M&R HP 250W sodium fixture	1131611	3.31	4	3.31						
Repair 40,000 BTU boiler (coal)	0981211	2.60	5	2.61						
Replace fluorescent lighting fixture	1131303	2.09	6	2.09			17	1.95		
Replace lamp in HP 250W sodium fixture	1131612	2.07	7	2.07						
Refinish steel interior (painted) wall	0616304	1.76	8	1.77						
Refinish aluminum panel ceiling	0636104	1.52	9	1.53						
Replace wood (unfinished) ceiling	0635205	1.41	10	1.41						
Replace 10,000 BTU boiler (oil)	0981336	1.33	11	1.33						
PM heat/cool thermostat	09E1111	1.33	12	1.32			6	4.27		
PM weekly tour 250 BTU boiler (oil)	0981314	1.29	13	1.29						

DS/GS Vehicle Maintenance Shop Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Membrane replacement built-up roof	0311107	1.28	14	1.28						
Refinish concrete block (painted) wall	0612404	1.14	15	1.12			5	5.13		
Put new membrane over existing-BUR	0311106	1.12	16	1.12						
Debris removal & inspect built-up roof	0311101	1.05	17	1.05						
Refinish painted concrete block, exterior wall, 1st floor	0415914						1	8.32		
Replace vinyl asbestos tile flooring	062A202						2	8.05		
PM 400 CFM unit heater	09A1D12						3	6.25		
Refinish metal window grating, 1st floor	0434414						4	5.98		
Replace switchgear, indoor 0-600V	1115103						7	3.86		
Refinish sheetrock (unstippled) ceiling	0631304						8	3.51		
Minor repairs-shingled roof	0311353						9	3.31		
Replace 2-ton window A/C	0991223						10	3.17		

DS/GS Vehicle Maintenance Shop Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Refinish wood frame screen cover, 1st floor	0434814						11	3.14		
Replacement - shingled roof	0311357						12	2.99		
Place new over existing-shingled roof	0311356						13	2.97		
PM 2-ton window A/C	0991222						14	2.66		
Replace wood frame (painted) *exterior window*, 1st floor	0431315						15	2.54		
Flashing repairs-shingled roof	0311355						16	2.04		
Replace pipe or gutter	0822102						18	1.88		
Replace 400 CFM unit heater	09A1D13						19	1.84		
Replace pneumatic thermostat	09E1112						20	1.63		
Refinish wood frame (painted) exterior window, 1st floor	0431314						21	1.46		
Replace wood frame screen cover, 1st floor	0434815						22	1.43		
PM & inspect safety switch, enclosed	1122102						23	1.41		

DS/GS Vehicle Maintenance Shop Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace hollow core (painted) wood interior door	0533112						24	1.38		
Debris removal & inspect shingled roof	0311351						25	1.38		
Replace solid core (painted) exterior door	0423215						26	1.35		
Repair steel painted interior door	0531112						27	1.30		
Repair solid core (painted) exterior door	0423212						28	1.14		
Repair metal window gratings, 1st floor	0434412						29	1.08		

Special Purpose Maintenance Shops Cost By Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Refinish steel interior (painted) wall	0616304	8.15	11	1.93	4	5.83			1	48.73
Total roof replacement - roll roofing	0311347	6.63			1	9.55				
Total panel replacement - metal roof	0311367	5.99	12	1.83	2	6.53			2	13.94
Minor roofing repair - roll roofing	0311343	4.53			3	6.52				
Refin aluminum panel ceiling	0636104	2.96	25	1.32	5	3.82				
PM battery secondary dry	1283401	2.59			6	3.73				
Replace fluorescent lighting fixture	1131303	2.10	3	3.30	13	1.57	18	1.30	3	3.63
Replace broken pipe insulation	0984142	1.71	20	1.53	8	1.99				
Replace HP 250W sodium fixture	1131613	1.59			7	2.25				
PM & inspect motor starter, 0-600V	1123602	1.50			9	1.97			8	1.19
Replace switchgear, indoor below 600V	1117103	1.44	13	1.83	15	1.37	16	1.68		
PM & inspect safety switch, enclosed	1122102	1.29			12	1.61				

Special Purpose Maintenance Shops Cost By Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Refinish concrete block (painted) wall	0612404	1.29			10	1.72				
Replace aluminum panel ceiling	0636105	1.27			11	1.64				
PM heat/cool thermostat	09E1111	1.12	16	1.72	21	1.03				
Refinish concrete floor	062B202	1.02			17	1.29				
PM weekly tour 250 BTU boiler (oil)	0981314		1	4.53						
CK water softener operation & add salt	0841302		2	4.53						
PM feedwater supply pump	0981912		4	2.70						
Replacement of shingled roof	0311357		5	2.57			6	5.09		
Rpr feedwater supply pump	0981911		6	2.35						
Refinished sheet rock (unstippled) ceiling	0631304		7	2.31			4	6.26		
PM chiller-air cool recip. 10 ton	0991452		8	2.21						
Replace 1 HP air compressor	0831113		9	2.21						
Minor repairs-shingled roof	0311353		10	2.10			5	5.59		
Replace feedwater pump	0981913		14	1.78						

Special Purpose Maintenance Shops Cost By Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Membrane removal & replacement - built-up roof	0311107		15	1.73						
Replace new over existing shingled roof	0311356		17	1.69			7	5.07		
PM chiller-air cool recip 5-ton	0991442		18	1.67						
Place new membrane over existing BUR	0311106		19	1.54						
Debris removal & inspect built-up roof	0311101		21	1.42						
Flashing repairs shingled roof	0311355		22	1.39			11	3.44		
M&R fluorescent lighting fixture	1131301		23	1.37					4	1.65
Refinish wire mesh wall	0616404		24	1.34						
Replace chiller air cool recip 10-ton	0991453		26	1.16						
Replace unfinished concrete floor	062B102		27	1.16					11	1.03
Replace single zone draw thru 6,500 CFM	09A1C14		28	1.16						
Replace 250 BTU boiler (oil)	0981316		29	1.15						
Refinish sheetrock (unstippled) wall	0611304		30	1.07			3	6.46		

Special Purpose Maintenance Shops Cost By Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
M&R HP 250W sodium fixture	1131611				14	1.39				
Replace wood (unfinished) ceiling	0635205				16	1.33				
Flashing repairs roll roofing	0311345				18	1.26				
Refinish steel (painted) exterior, 3rd floor	0415L34				19	1.24				
Refinish alumimum siding exterior, 1st floor	0415I14				20	1.14				
PM 1,200 CFM unit heater	09A1D22				22	1.02			7	1.39
Refinish aluminum frame screen, 3rd floor	0434634						1	7.57		
Replace maple floor	0625203						2	6.81		
Replace 200 KBTU house furnace (oil)	0981D33						8	5.06		
Sand and refinish maple floor	0625202						9	4.25		
PM 200 KBTU house furnance (oil)	0981032						10	3.65		
Refinish aluminum frame storm window, 1st floor	0434114						12	2.65		

Special Purpose Maintenance Shops Cost By Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Debris removal & inspect shingled roof	0311351						13	2.35		
Replace formica vinyl exterior, 1st floor	0415O15						14	2.28		
Replace wood frame (painted) operable window, 1st floor	0431315						15	2.14		
Repair 200 KBTU house furnace (oil)	0981D31						17	1.43		
Refinish wood frame (painted) operable window, 1st floor	0431314						19	1.24		
Replace aluminum frame storm window, 1st floor	0434112						20	1.17		
Replace sheetrock (unstippled) wall	0611302						21	1.12		
Replace sheetrock (unstippled) ceiling	0631302						22	1.09		
Minor repairs to maple floor	0625201						23	1.07		
Replace formica vinyl exterior, 1st floor	0415O12						24	1.00		
Refinish wood fin (multi-coat) exterior, 1st floor	0415F14								5	1.64
Flashing replacement metal roof	0311365								6	1.47

Special Purpose Maintenance Shops Cost By Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace gas compressor > 15 HP	0831143								9	1.10
Replace drinking fountain	0811H07								10	1.06

Maintenance - Installation O&R Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace 40,000 BTU boiler (coal)	0981215	14.28			1	28.82				
Total panel replacement - metal roof	0311367	4.69	3	2.65	2	7.30				
Replace fluorescent lighting fixture	1131303	2.60	1	3.79	6	1.68	6	2.86		
Refinish steel interior (paint) wall	0616304	2.60	2	3.04	4	2.23	7	2.79		
Repair 40,000 BTU boiler (coal)	0981211	2.45			3	4.94				
Refinish aluminum panel ceiling	0636104	1.72	5	2.33	5	1.74				
Refinish sheetrock (unstippled) wall	0611304	1.67	20	1.27	8	1.21	2	4.08		
Membrane removal and replacement - BUR	0311107	1.14	7	2.13						
M&R fluorescent lighting fixture	1131301	1.12	18	1.57			17	1.28		
PM heat/cool thermostat	09E1111	1.07	23	1.16			16	1.34		
Replacement of shingled roof	0311357	1.03	25	1.16			11	2.08		
Place new membrane over existing - BUR	0311106	1.02	11	1.89						
Replace transformer, dry below 15,000V	1116203		4	2.50						

Maintenance - Installation O&R Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace hermetic chiller, 100 tons	0991433		6	2.18						
Refinish concrete block (painted) wall	0612404		8	2.04						
Replace switchgear, indoor below 600V	1117103		9	2.00						
Refinish pntd. concrete block, exterior wall, 1st floor	0415914		10	1.95						
Replace broken pipe insulation	0984142		12	1.89						
Repair hermetic chiller, 100 tons	0991431		13	1.88						
Replace carpet	0629102		14	1.76			15	1.40		
Debris removal and inspection - built-up roof	0311101		15	1.74						
Replace exhaust fan, 10,000 CFM	09C1133		16	1.65						
Replace 2-ton window A/C	0991223		17	1.60						
PM exhaust fan, 10,000 CFM	09C1132		19	1.43						
Replace linoleum floor	062A102		21	1.22						
Flashing repairs - built-up roof	0311105		22	1.19						

Maintenance - Installation O&R Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Minor membrane repairs built-up roof	0311103		24	1.16						
Replace single-zone draw through, 6,500 CFM	09A1C14		26	1.15						
PM 2-ton window A/C	0991222		27	1.12						
Replace drinking fountain	0811H07		28	1.12						
PM hermetic chiller, 100 tons	0991432		29	1.06						
Replace solid core wood (painted) interior door	0533212		30	1.05						
PM 1,200 CRM unit heater	09A1D22		31	1.04						
Replace aluminum panel ceiling	0636105		32	1.00						
Replace 1 HP air compressor	0831113				7	1.29	20	1.20		
PM and inspect motor starter, 0-600V	1123602				9	1.19				
PM annual 40,000 BTU boiler (coal)	0981212				10	1.08				
Replace vinyl asbestos tile flooring	062A202				11	1.01				
Total roof replacement - roll roofing	0311347						1	4.46		

Maintenance - Installation O&R Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Refinish sheetrock (unstippled) ceiling	0631304						3	3.27		
Replace baseboard radiator, 10 ft	0943201						4	3.06		
Minor roofing repair - roll roofing	0311343						5	3.06		
Refinish wire mesh wall	0616404						8	2.54		
PM and inspect safety switch, enclosed	1122102						9	2.32		
Minor roofing repair - roll roofing	0311353						10	2.30		
Place new over existing - shingled roof	0311356						12	2.07		
PM weekly tour, 250 BTU boiler (gas)	0981115						13	1.70		
Flashing repairs - shingled roof	0311355						14	1.42		
Replace wood frame (painted), oper. window, 1st floor	0431315						18	1.26		
Replace formica-vinyl exterior, 1st floor	0415O15						19	1.23		
Replace 200 KBTU house furnace (oil)	0981D33						21	1.13		

Maintenance - Installation O&R Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace hot water heater, electric, 120-gal	0814H03						22	1.06		

Ammunition Storage Facilities Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Total panel replacement - metal roof	0311367	20.63	1	31.60						
Refinish aluminum panel ceiling	0636104	11.49	3	8.23	1	24.36	2	12.86		
M&R - lighting ground rod	1143511	8.75	2	11.30			4	6.73		
Refinish steel interior (painted) wall	0616304	5.18					1	25.41		
Replace aluminum panel ceiling	0636105	4.85	4	3.54	2	10.39	5	5.17		
Refinish concrete exterior wall, 1st floor	0415A14	3.19	5	3.17	3	6.20				
Replace unfinished concrete floor	062B102	2.96	6	3.01	6	3.46	10	2.43		
Debris removal and inspection - concrete sealed panel roof	0311411	2.17					3	10.64		
Repair aluminum panel ceiling	0636102	1.91	15	1.41	5	4.03	12	2.03		
Flashing replacement - metal roof	0311365	1.68	7	2.58						
Refinish concrete exterior wall, 2nd floor	0415A24	1.57	18	1.29	4	5.06				

Ammunition Storage Facilities Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Minor repairs to concrete floor	062B101	1.47	12	1.46	15	1.67	15	1.34		
Membrane removal and replacement - BUR	0311107	1.45	8	1.83	13	1.76				
Repair steel (painted) exterior door	0421212	1.33	9	1.64						
Place new membrane over existing - BUR	0311106	1.29	10	1.63	18	1.58				
Replace concrete exterior wall, 1st floor	0415A12	1.24	19	1.23	10	2.45				
Debris removal and inspection - built-up roof	0311101	1.18	11	1.50	20	1.41				
Replace wood (unfinished) ceiling	0635205		14	1.44						
PM and inspect safety switch, enclosed	1122102		16	1.35						
Debris removal and inspection - metal roofing	0311361		17	1.30						
Repair steel (self-coating) exterior finish, 1st floor	0415K12		20	1.23						

Ammunition Storage Facilities Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Refinish painted concrete block exterior wall, 2nd floor	0415924				8	2.89				
Refinish painted concrete block exterior wall, 1st floor	0415914				9	2.48				
Replace switchgear, indoor, 0-600V	1115103				11	2.19				
Repair concrete exterior wall, 2nd floor	0415A22				12	1.85				
Repair steel single roll-up door	0427102				14	1.75				
Repair steel interior (unpainted) wall	0616202				16	1.67				
Refinish repaired aluminum panel ceiling	0636103				17	1.65				
Refinish steel single roll-up door	0427104				19	1.45				
Replace fluorescent lighting fixture	1131303				21	1.25				
Replace incandescent lighting fixture	1131103				22	1.11				

Ammunition Storage Facilities Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Minor repairs - concrete sealed panel roof	0311413						6	4.89		
Refinish steel (painted) exterior finish, 1st floor	0415L14						7	4.50		
Minor replace - concrete sealed panel roof	0311414						8	3.42		
Flashing repair - concrete sealed panel roof	0311415						9	2.71		
Replace HID, 250W metal halide fixture	1131423						11	2.39		
Replace HID, 250W metal halide lamp	1131422						13	1.81		
Moist. insp. non-dest. concrete sealed panel roof	0311412						14	1.75		

Cold Storage Facilities Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace 50,000 CFM 2-pipe induction unit	09A1744	18.02			1	35.37				
Replace evaporative condenser, 300-ton	0991D33	6.29			2	12.35				
Replace transformer, liquid filled, above 600V	1114103	3.38			3	6.03			2	9.34
Membrane removal and replacement - BUR	0311107	2.67	2	4.48	9	1.30	2	4.18		
Place new membrane over existing - BUR	0311106	2.25	4	3.98	12	1.17	8	2.86		
Debris removal and inspection - built-up roof	0311101	2.14	7	3.67	14	1.05	4	3.19		
PM 20-ton chiller WCH recip.	0991512	2.14	1	6.80						
PM and replace filter - 2-pipe, 50,000 CFM ind. unit	09A1743	1.96			4	3.85				
PM annual, 50,000 CFM, 2-pipe ind. unit	09A1742	1.95			5	3.83				
PM and inspection, motor starter, 0-600V	1123602	1.51	9	2.78			5	3.08		
Refinish aluminum panel ceiling	0636104	1.50	6	3.67			10	2.43		

Cold Storage Facilities Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace LP 200W sodium fixture	1131623	1.50			6	2.94				
Flashing repairs - built-up roof	0311105	1.44	11	2.50			12	1.92		
Minor membrane repairs - BUR	0311103	1.41	13	2.43			11	2.02		
Replace finished interior concrete wall	061A202	1.35			11	1.25	1	4.97		
Replace 20-ton chiller WCH recip	0991513	1.33	3	4.24						
PM and inspect, safety switch, enclosed	1122102	1.26	18	1.58		7	2.89			
Replace single-zone draw through, 2,500 CFM	09A1C64	1.20	5	3.81						
PM heat/cool thermostat	09E1111	1.08			13	1.06	19	1.54		
Refinish finished interior concrete wall	061A204	1.07			15	1.00	3	3.94		
Refinish concrete exterior wall, 1st floor	0415A14	1.05	22	1.21			17	1.76		
PM single-zone draw through, 2,500 CFM	09A1C62		8	3.03						
PM single-zone draw through, 1,000 CFM	09A1C52		10	2.51						

Cold Storage Facilities Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace 20-ton hermetic chiller	0991511		12	2.46						
Replace rubber tile flooring	062A302		14	2.16						
Replace single-zone draw through, 1,000 CFM	09A1C54		15	2.16						
Replace filter, single-zone draw through, 2,500 CFM	09A1C63		16	1.99						
Replace aluminum panel ceiling	0636105		17	1.59						
Replace 2,000 BTU boiler (oil)	0981326		19	1.31			6	2.94		
Replace aluminum interior wall	0616105		20	1.29						
M&R, motor starter, 0-600V	1123601		21	1.26			26	1.24		
PM weekly tour, 2,000 BTU boiler (oil)	0981324		22	1.20			9	2.85		
Replace switchgear, indoor below 600V	1117103		23	1.19			20	1.51		
Refinish concrete block (painted) wall	0612404		24	1.19						
Refinish concrete floor	062B202		25	1.15					20	1.40

Cold Storage Facilities Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace vinyl asbestos tile flooring	062A202		26	1.13					3	9.07
Replace filter, single-zone draw through, 1,000 CFM	09A1C53		27	1.00						
M&R LP 200W sodium fixture	1131621				7	1.71				
Replace transformer, liquid filled, above 600V	1114101				8	1.62			8	2.79
Replace switchgear, indoor, 0-600V	1115103				10	1.29				
Refinish stucco interior wall	0611404						13	1.92		
Refinish stucco interior ceiling	0631404						14	1.88		
Replace metal walk-in cooler interior door	0545325						15	1.88		
Replace unfinished concrete floor	062B102						16	1.88		
Minor repairs - shingled roof	0311353						18	1.63	11	1.64
Replace fan unit - refrig fan coil, 5-ton	0991F33						21	1.48		
Replacement of shingled roof	0311357						22	1.47	18	1.46

Cold Storage Facilities Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace new over existing-shingled roof	0311356						23	1.47	19	1.44
Refinish concrete decking exterior porch	0441104						24	1.46		
Refinish sheetrock (unstippled) wall	0611304						25	1.38		
Repair metal walk-in cooler interior door	0534322						27	1.03		
Minor repairs to concrete floor	062B101						28	1.03		
Replace carpet	0629102						29	1.02		
Replace simplex air compressor, 1 HP	09E1313						30	1.00		
Flashing repairs - shingled roof	0311355						31	1.00	25	1.08
Replace lead-lined interior wall	0616505								1	11.74
Refinish sheetrock (stippled) wall	0611204								4	7.35
Refinish sheetrock (stippled) ceiling	0631204								5	5.70
Replace 200 KBTU house furnace (gas)	0981C33								6	3.05
Remove CW expansion chamber and install new	0813702								7	2.83

Cold Storage Facilities Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Refinish wood (multi-coat) exterior, 1st floor	0415F14								9	2.61
Refinish panel (solid) interior wall	0615504								10	2.27
Remove HW expansion chamber and install new	0814702								12	1.64
PM 200 KBTU house furnace (gas)	0981C32								13	1.62
Replace HW pipe and fittings, steel or cast iron	0814103								14	1.61
Replace CW pipe and fittings, steel or cast iron	0813103								15	1.61
Replace wood frm double pane oper. window, 1st floor	0431815								16	1.50
Replace pipe and fittings, waste and vent	0812103								17	1.49
Refinish wood frm double pane oper. window, 1st floor	0431814								21	1.28
Clean and service hot water heater, gas/oil, 30-gal	0814D02								22	1.16
Repair sheetrock (stippled) wall	0611202								23	1.14

Cold Storage Facilities Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace fluorescent lighting fixture	1131303								26	1.02

General Purpose Warehouse Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Total panel replacement - metal roof	0311367	11.91	1	12.29	1	20.37	3	3.39	4	3.48
Refinish aluminum panel ceiling	0636104	3.44	2	5.19			1	4.81		
Replace wood (unfinished) ceiling	0635205	3.02	5	2.43	2	3.96	5	2.81	6	3.23
Replacement of shingled roof	0311357	2.53	3	3.10	8	1.20	6	2.63	5	3.32
Minor repairs - shingled roof	0311353	2.21	4	2.53			4	2.90	7	2.98
Replace new over existing - shingled roof	0311356	1.85	7	2.04			7	2.62	8	2.60
Replace fluorescent lighting fixture	1131303	1.70	9	1.56	4	1.88	16	1.34	10	1.97
Replace aluminum panel ceiling	0636105	1.47	6	2.23			11	1.94		
Flashing repairs - shingled roof	0311355	1.45	8	1.67			12	1.79	11	1.95
Replace vinyl asbestos tile flooring	062A202	1.35			3	2.28			19	1.15
Refinish sheetrock (unstippled) wall	0611304	1.32			6	1.76	13	1.65	9	2.14
Refinish wood (multi-coat) exterior, 1st floor	0415F14	1.16							1	5.44
Flashing replacement - metal roof	0311365	1.02	14	1.00	7	1.69				

General Purpose Warehouse Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace switchgear, indoor below 600V	1117103	1.01	11	1.16					13	1.64
Replace maple floor	0625203		10	1.16						
PM heat/cool thermostat	09E1111		12	1.07			22	1.01		
Debris removal and inspection - shingled roof	0311351		13	1.01			17	1.21	18	1.19
Refinish aluminum siding exterior, 1st floor	0415I14				5	1.76				
Replace single-zone draw through, 25,000 CFM	09A1C34				9	1.12				
Refinish aluminum siding exterior, 2nd floor	0415I24				10	1.06				
Membrane removal and replacement - BUR	0311107						2	3.42		
Debris removal and inspection - BUR	0311101						8	2.61		
Place new membrane over existing - BUR	0311106						9	2.34		
Replace vinyl sheet flooring	062A402						10	2.31		
Minor membrane repairs - BUR	0311103						14	1.65		

General Purpose Warehouse Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Flashing repairs - BUR	0311105						15	1.57		
Replace wood parquetry floor	0625103						18	1.15		
Refinish concrete floor	062B202						19	1.15		
Refinish concrete block (painted) wall	0612404						20	1.11		
Replace hot water heater, electric, 120-gal	0814H03						21	1.02		
Refinish sheetrock (unstippled) ceiling	0631304						23	1.01	17	1.24
Total roof replacement - roll roofing	0311347								2	5.33
Minor roofing repair - roll roofing	0311343								3	3.71
Refinish steel (painted) exterior, 1st floor	0415L14								12	1.92
Replace wood (finished) ceiling	0635105								14	1.56
Replace carpet	0629102								15	1.43
Replace CW pipe or fittings, steel	0813103								16	1.34
PM 100 KBTU house furnace (gas)	0981C22								20	1.13

General Purpose Warehouse Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Refinish metal window grating, 1st floor	0434414								22	1.11

Hospital - Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace ash handling system	0981615	6.46					1	14.68		
Replace vinyl asbestos tile flooring	062A202	5.42	1	6.92	1	7.37	3	3.48		
Replace fluorescent lighting fixture	1131303	3.43	3	5.18	8	2.14	14	1.40		
Replace carpet	0629102	3.20	2	5.23						
Replace ceramic tile wall	0612805	2.98	4	4.82						
Clean duct coil 1-row HW 12 x 24	09A1G11	2.53					2	5.75		
Repair solid core wood (painted) interior door	0533212	2.35	7	2.96			10	1.75		
Replace switchgear, indoor below 600V	1117103	2.34	6	3.37			18	1.24		
Refinish plaster wall	0611104	2.03	5	3.59						
Refinish sheetrock (unstippled) wall	0611304	1.89	13	1.52	4	3.61	7	2.23		
PM heat/cool thermostat	09E1111	1.60	16	1.27			9	2.07		

Hospital - Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Total roof replacement - roll roofing	0311347	1.50	8	2.81						
M&R fluorescent lighting fixture	1131301	1.44	9	2.14						
Replace solid core wood (painted) interior door	0533215	1.30	11	1.74						
Replace wallpaper	0614505	1.26					4	2.86		
Refinish solid core wood (painted) interior door	0533214	1.25	14	1.44			22	1.10		
Replace diesel generator component	1281203	1.23					5	2.78		
Replace vapor gas generator component	1281303	1.23					6	2.78		
Minor roofing repair - roll roofing	0311343	1.04	10	1.96						
PM on steam trap F&T < 1"	0984372	1.03					13	1.48		
Refinish concrete exterior wall, 3rd floor	0415A34		12	1.63						
Repair plaster wall	0611102		15	1.33						
Replace acoustic tile (dropped) ceiling	0632205		17	1.15						
Repair ceramic tile wall	0612802		18	1.05						

Hospital - Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace quarry tile floor	0622202		19	1.05						
Refinish aluminum siding exterior, 2nd floor	0415I24				2	5.25				
Refinish aluminum siding exterior, 1st floor	0415I14				3	4.56				
Refinish sheetrock (unstippled) ceiling	0631304				5	2.38				
Replacement of shingled roof	0311357				6	2.26				
Replace switchgear, indoor, 0-600V	1115103				7	2.21				
Refinish steel interior (painted) wall	0616304				9	2.12				
PM chiller-air cool recip., 10-ton	0991452				10	1.87				
Minor repairs - shingled roof	0311353				11	1.82				
Replace drinking fountain	0811H07				12	1.80				
PM and inspect motor starter, 0-600V	1123602				13	1.75				
Replace 200 KBTU house furnace (gas)	0981C33				14	1.74				

Hospital - Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace new over existing - shingled roof	0311356				16	1.47				
PM and inspect safety switch, enclosed	1122102				17	1.45				
PM exhaust fan, 10,000 CFM	09C1132				18	1.28				
Replace exhaust fan, 10,000 CFM	09C1133				19	1.26				
Replace 1 HP air compressor	0831113				20	1.26				
Clean and service hot water heater, gas/oil, 75-gal	0814E02				21	1.24				
Flashing repairs - shingled roof	0311355				22	1.23				
Replace chiller-air cool recip. 10-ton	0991453				23	1.03				
Replace 20,000 BTU boiler (dual-fired)	0981425						8	2.09		
Replace 2-pipe fan coil unit, 200 CFM	09A1914						11	1.55		
Replace broken pipe insulation	0984142						12	1.53		

Hospital - Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace steam trap, F&T < 1"	0984373						16	1.27		
PM daily ash handling system	0981612						17	1.26		
Replace pipe and fittings, oxygen	0833213						19	1.17		
PM replace filters 2-pipe fan coil unit, 200 CFM	09A1913						20	1.14		
Replace pipe and fittings, anesthesia	0833113						21	1.13		
Repair steam trap, F&T > 1"	0984371						23	1.08		
PM clean 2-pipe fan coil unit, 200 CFM	09A1912						24	1.02		
Debris removal and inspection - built-up roof	0311101						25	1.01		

Dental Clinic Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace fluorescent lighting fixture	1131303	3.87	1	4.86	2	3.25	4	2.82	7	2.73
Replace vinyl asbestos tile flooring	062A202	2.97	4	2.61	1	3.27	2	3.70	6	2.87
Membrane removal and replacement - BUR	0311107	2.58	6	2.36	5	2.50	3	3.60	8	2.55
Place new membrane over existing - BUR	0311106	2.15	7	2.10	8	2.25	9	2.46	17	1.81
Debris removal and inspection - BUR	0311101	2.06	9	1.94	9	2.00	5	2.75	15	1.99
Replace switchgear, indoor below 600V	1117103	1.96	12	1.64	3	2.96	7	2.55		
Refinish sheetrock (unstippled) wall	0611304	1.94	2	3.04	17	1.36	22	1.17		
Replace 25,000 CFM multi-zone unit	09A1134	1.73	10	1.88	4	2.86				
M&R fluorescent lighting fixture	1131301	1.66	8	2.01	15	1.44	20	1.26	32	1.24
PM heat/cool thermostat	09E1111	1.59	5	2.47			23	1.09		
Replace carpet	0629102	1.51	14	1.53	10	1.79			12	2.29
Flashing repairs - BUR	0311105	1.39	18	1.32	16	1.42	16	1.66	29	1.31
Minor membrane repairs - BUR	0311103	1.36	19	1.29	18	1.35	15	1.74	30	1.28

Dental Clinic Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace linoleum floor	062A102	1.27	3	2.78						
Replace CW expansion chamber	0813702	1.23			7	2.48			2	4.11
Repair solid core wood (painted) interior door	0533212	1.16	17	1.34					9	2.52
Replace pipe and fittings, waste and vent	0812103	1.00	21	1.15			24	1.07		
Replace sink, stainless steel	0811F06	1.00	20	1.19					23	1.43
Replace 50,000 CFM dual-duct unit	09A1244		11	1.65						
Replace hot water heater, electric, 1,000-gal	0814J03		13	1.58						
Repair 300-ton chiller, hermetic cent.	0991621		15	1.43						
Replace 300-ton chiller, hermetic cent.	0991623		16	1.35						
Replace formica interior wall	0614105		22	1.12						
Replace broken pipe insulation	0984142		23	1.07			13	1.89		
Replace pneumatic thermostat	09E1112		24	1.06						
Replace drinking fountain	0811H07		25	1.02						

Dental Clinic Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Unstop sink, stainless steel	0811F04		26	1.02					25	1.38
Repair hollow core (painted) interior door	0533112				6	2.50				
Replace deaerator	0981A13				11	1.63			1	4.30
Replace 2,000 BTU boiler (oil)	0981326				12	1.54				
Replace ceramic tile wall	0612805				13	1.54	25	1.03		
PM weekly tour 2,000 BTU boiler (oil)	0981324				14	1.48				
Replace 100-ton hermetic chiller	0991433				19	1.34				
Replace hollow core wood (painted) interior door	0533115				20	1.12				
Replace 1 HP air compressor	0831113				21	1.06	19	1.32		
Replace vacuum pump	0831123				22	1.00			19	1.77
PM weekly tour 250 BTU boiler (oil)	0981314						1	3.76		
Replace 6,500 CFM dual-duct unit	09A1214						6	2.65		
PM 20 tons chillers ACH recip.	0991412						8	2.46		

Dental Clinic Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace 2,000 BTU boiler (dual-fired)	0981415						10	2.33	10	2.44
PM battery, primary dry	1283201						11	2.26		
Refinish plaster wall	0611104						12	2.21		
PM weekly tour 2,000 BTU boiler (dual-fired)	0981414						14	1.88	14	2.09
Replace 10,000 CFM multi-zone unit	09A1124						17	1.64		
Replace 20 tons chillers ACH recip	0991413						18	1.51		
PM 50 tons chillers WCH recip	0991522						21	1.25		
Replace 25,000 CFM dual-duct unit	09A1234								3	3.74
Replace HW expansion chamber	0814702								4	3.70
Replace switchgear, indoor above 600V	1117203								5	3.58
Refinish sheetrock (stippled) wall	0611204								11	2.40
PM damper controller - electric	09E1211								13	2.20
Replace damper controller - electric	09E1212								16	1.87

Dental Clinic Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace transformer, dry above 15,000V	1114203								18	1.81
PM 50 tons chillers ACH recip	0991422								20	1.77
Replace 50 tons chillers ACH recip	0991423								21	1.66
Replace solid core wood (painted) interior door	0533215								22	1.48
Replace emergency lighting fixture	1131503								24	1.41
Replace interior brass lockset	0582105								26	1.35
M&R contactors and relays	1124001								27	1.34
PM and inspect motor starter, 0-600V	1123602								28	1.32
Refinish solid core wood (painted) interior door	0533214								30	1.28
Replace transformer, dry below 15,000V	1116203								31	1.25
Replace faucets on sink, stainless steel	0811F03								33	1.17
PM deaerator	0981A12								34	1.15

Health Clinic Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace carpet	0629102	4.27	15	2.07					1	9.68
Replace vinyl asbestos tile flooring	062A202	3.63	6	3.12	2	4.44			6	3.74
Replace fluorescent lighting fixture	1131303	2.74	13	2.19	20	1.18			3	4.42
Refinish plaster wall	0611104	2.44	2	4.61	7	2.20				
Replace 10,000 CFM variable volume unit	09A1524	2.37							2	6.75
Repair hollow core (painted) wood interior door	0533112	2.16	1	4.91						
Replace switchgear indoor, 0-600V	1115103	2.03	26	1.20	21	1.12			7	3.61
PM chiller-air cool recip. 15-ton	0991462	1.92	3	4.57						
Replace 2-ton window A/C	0991223	1.77	4	4.20						
Membrane removal & replacement - BUR	0311107	1.74	9	2.66	5	2.72				
Place new membrane over existing - BUR	0311106	1.52	11	2.29	6	2.44				
Replace CW expansion chamber	0813702	1.42							4	4.03
Debris removal & inspection - BUR	0311101	1.41	14	2.17	8	2.19				

Health Clinic Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Minor repairs - shingled roof	0311353	1.39							9	2.92
Repair solid core (painted) wood interior door	0533212	1.38	25	1.24					13	2.40
Replacement of shingled roof	0311357	1.36							10	2.60
Refinish sheetrock (stippled) wall	0611204	1.35							5	3.83
Replace 6,500 CFM multi-zone unit	09A1114	1.33			1	5.84				
Repair chiller-air cool recip. 15-ton	0991461	1.33	5	3.16						
PM heat/cool thermostat	09E1111	1.26	18	1.68	25	1.03				
PM 2-ton window A/C	0991222	1.26	7	2.92						
M&R fluorescent lighting fixture	1131301	1.21							15	2.01
Refinish painted concrete block exterior wall, 1st floor	0415914	1.19	8	2.84						
Replace new over existing shingled roof	0311356	1.19							11	2.56
Replace forced draft fan, 10,000 CFM	09B2113	1.16							8	3.30

Health Clinic Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace chiller air cool recip. 15-ton	0991463	1.05	10	2.49						
Replace hollow core (painted) wood interior door	0533115		12	2.21						
Replace hot water heater, electric, 120-gal	0814H03		16	1.89						
Repair plaster wall	0611102		19	1.63						
Flashing repairs-BUR	0311105		20	1.48	14	1.54				
Minor membrane repairs - BUR	0311103		21	1.44	16	1.47				
Refinish hollow core (painted) wood interior door	0533114		22	1.42						
Refinish plaster ceiling	0631104		23	1.29						
Replace 200 KBTU house furnace (gas)	0981C33		24	1.27						
Replace linoleum floor	062A102		27	1.19						
Replace drinking fountain	0811H07		28	1.14	23	1.05				
PM & inspect safety switch, enclosed	1122102		29	1.02						

Health Clinic Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
PM weekly tour, 250 BTU boiler (oil)	0981314				9	2.03				
Replace chiller-air cool recip. 10-ton	0991453				10	1.98				
Replace wall radiator, finned 10' section	0981H01				12	1.86				
PM annual 6,500 CFM multi-zone unit	09A1112				13	1.59				
Repair chiller-air cool recip. 10-ton	0991451				15	1.52				
Replace cond. rcvr 10-15 gal	0984464				17	1.47				
Replace ceramic tile wall	0612805				18	1.32			29	1.16
PM/replace filters 6,500 CFM multi-zone unit	09A1113				19	1.18				
Replace pipe & fittings, waste & vent	0812103				22	1.07				
Replace wood louvered interior door	0534235				24	1.04				
Refinish aluminum siding-exterior, 2nd floor	0415I24				26	1.00				
PM forced-draft fan, 10,000 CFM	09B2112								12	2.54
Replace vinyl interior wall	0614405								14	2.25

Health Clinic Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Flashing repairs-shingled roof	0311355								16	1.91
CK operation time control clock	1261102								17	1.68
Replace 2,000 BTU (dual-fired)	0981415								18	1.67
Replace HW expansion chamber	0814702								19	1.50
Replace time control clock	1261103								20	1.45
PM weekly tour 2,000 BTU boiler (dual-fired)	0981414								21	1.42
Replace solid core (painted) wood interior door	0533215								22	1.41
PM annual 10,000 CFM variable vol unit	09A1522								23	1.34
Replace brass interior lockset	0582105								24	1.25
Replace transformer, dry above 15,000V	1114203								25	1.23
Refinish solid core (painted) wood interior door	0533214								26	1.23
PM/replace filters 10,000 CFM var. vol. unit	09A1523								27	1.17
Debris removal & inspect shingled roof	0311351								28	1.17

Health Clinic Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace receptacle/plug	1127202								30	1.03

General Purpose Admin Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace carpet	0629102	8.62	1	7.45	1	4.88	1	22.28	5	3.87
Replace vinyl asbestos tile flooring	062A202	4.57	3	3.00	2	3.73			1	7.51
Replace fluorescent lighting fixture	1131303	2.88	2	3.28	4	2.70	9	2.10	8	3.00
Refinish wood (multi-coat) exterior, 1st floor	0415F14	2.72							2	5.69
Replace switchgear, indoor 0-600V	1115103	2.16					18	1.14	6	3.71
Replacement of shingled roof	0311357	2.12	14	1.04	8	1.50	13	1.39	7	3.26
Minor repairs-shingled roof	0311353	1.94			11	1.21	12	1.47	9	2.94
Refinish sheetrock (stippled) wall	0611204	1.90							3	4.18
Replace 200 KBTU house furnace (gas)	0981C33	1.84							4	4.03
Replace new over existing - shingled roof	0311356	1.68					14	1.31	11	2.57
PM weekly tour 250 BTU boiler (gas)	0981115	1.61					2	7.90		
M&R fluorescent lighting fixture	1131301	1.27	12	1.36	12	1.20			22	1.37
Flashing repairs-shingled roof	0311355	1.26							15	1.93

General Purpose Admin Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Refinish sheetrock (unstippled) wall	0611304	1.26	7	2.11	7	2.13			26	1.09
Refinish sheetrock (stippled) ceiling	0631204	1.25							10	2.77
PM 25 KBTU house furnace (gas)	0981C12	1.21					15	1.24	14	2.11
Refinish wood (multi-coat) exterior, 2nd floor	0415F24	1.06							12	2.29
Replace pipe & fittings, copper (fuel oil)	0923103		4	2.49						
Total panel replacement - metal roof	0311367		5	2.46						
Replace gasoline-powered generator component	1281103		6	2.18						
Replace switchgear, indoor below 600V	1117103		8	1.70						
PM heat/cool thermostat	09E1111		9	1.55	15	1.10				
Replace hollow core (painted) wood interior door	0533112		10	1.54	13	1.19				
Refinish aluminum siding exterior, 1st floor	0415I14		11	1.42	3	3.37				
Refinish panel (laminated) wall	0615604		13	1.12						

General Purpose Admin Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace hot water heater, electric, 120-gal	0814H03		15	1.04						
Replace solid core (painted) wood interior door	0533212		16	1.02						
Replace 6,500 CFM dual-duct unit	09A1214				5	2.36				
Refinish aluminum siding exterior, 2nd floor	0415124				6	2.29				
PM chiller-air cool recip. 5-ton	0991442				9	1.41				
Replace fabric interior partitions	0522105				10	1.26				
PM battery, secondary dry	1283401				14	1.13				
PM chiller-air cool recip 10-ton	0991452				16	1.08				
Refinish sheetrock (unstippled) ceiling	0631304				17	1.97	3	3.24		
Refinish wood frame (painted) operable window, 2nd floor	0431321						4	2.85		
Replace cork tile wall	0619305						5	2.69		
Replace wallpaper	0614505						6	2.66		
PM weekly tour 250 BTU boiler (oil)	0981314						7	2.41		

General Purpose Admin Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Refinish plywood (painted) wall	0615104						8	2.19		
Repair formica-vinyl exterior, 2nd floor	0415O22						10	2.00		
Replace 250 BTU boiler (gas)	0981116						11	1.86		
Refinish plaster wall	0611104						16	1.22		
Replace formica-vinyl exterior, 2nd floor	0415O25						17	1.20		
Replace hot water heater, gas/oil, 75-gal	0814E03						19	1.11		
Replace wood frame (painted) operable window, 2nd floor	0431325						20	1.02		
PM 200 KBTU house furnace (gas)	0981C32								13	2.16
Refinish double pane wood frame operable window, 2nd floor	0431824								16	1.86
Replace CW expansion chamber	0813702								17	1.85
Replace switchgear, indoor above 600V	1117203								18	1.74

General Purpose Admin Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace double pane wood frame operable window, 1st floor	0431815								19	1.61
Replace brass interior lockset	0582105								20	1.48
Refinish double pane wood frame operable window, 1st floor	0431814								21	1.37
Replace pipe or gutter	0822102								23	1.24
Debris removal & inspect shingled roof	0311351								24	1.17
Replace drinking fountain	0811H07								25	1.13
Replace pipe & fittings, waste & vent	0812103								27	1.02
Replace 200 KBTU house furnace (gas)	0981C31								28	1.01

Family Housing 1900-1950 Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Refinish plaster wall	0611104	6.16	2	4.47			2	12.41		
PM chiller-air cool, recip. 5-ton	0991442	4.93	1	6.26						
Replace hot water heater, electric, 120-gal	0814H03	3.41	3	4.34						
Refinish plaster ceiling	0631104	3.34	4	2.95			5	4.77		
PM weekly tour 250 BTU boiler (gas)	0981115	3.17					1	14.88		
Refinish stucco exterior wall, 2nd floor	0415C24	2.25	5	2.87						
Replace chiller air cool recip., 5-ton	0991443	2.08	6	2.65						
Replace maple floor	0625203	2.03	10	2.27			18	1.12		
Refinish stucco exterior wall, 1st floor	0415C14	2.01	7	2.56						
Replace switchgear, indoor below 600V	1117103	1.97	8	2.50						
Replace wood (unfinished) ceiling	0635205	1.90	9	2.42						
Replace hot water heater, gas/oil 1,000 GPH rec	0814F03	1.72					3	18.09		

Family Housing 1900-1950 Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Refinish wood frame (painted) operable window, 2nd floor	0431324	1.71	15	1.60			9	2.11		
Repair solid core wood (painted) interior door	0533212	1.67	11	2.12						
Repair chiller-air cool recip., 5-ton	0991441	1.45	12	1.84						
Total roof replacement - tile roof	0311337	1.34	13	1.71						
Clean & service hot water heater gas/oil 1,000 GPH rec	0814F02	1.34					4	6.29		
PM single-zone draw thru 1,000 CFM	09A1C52	1.33	14	1.69						
Replace pipe or gutter	0822102	1.16	21	1.19			19	1.03		
Replace single-zone draw thru 1,000 CFM	09A1C54	1.14	16	1.45						
Minor replacement - tile roof	0311334	1.13	17	1.44						
Repair plaster wall	0611102	1.09					8	2.13		
Replace dishwasher	0841102	1.09	18	1.38						
Sand & refinish maple floor	0625202	1.07	22	1.19						

Family Housing 1900-1950 Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace solid core wood (painted) interior door	0533215		19	1.25						
Refinish aluminum storm window, 2nd floor	0434124		20	1.23						
Refinish wood trimming (interior)	0561104		23	1.11						
Refinish solid core wood (painted) interior door	0533214		24	1.03						
Refinish clay block (painted) wall	0612204		25	1.01						
Replace 250 BTU boiler (gas)	0981116						6	3.48		
Replace wood parquetry floor	0625103						7	3.09		
Replacement of shingled roof	0311357						10	1.63		
Replace ceramic tile wall	0612805						11	1.56		
Replace 250 BTU boiler (gas)	0981111						12	1.49		
Minor repairs-shingled roof	0311353						13	1.45		
Refinish wood (finished) ceiling	0635104						14	1.45		
Replace new over existing - shingled roof	0311356						15	1.29		

Family Housing 1900-1950 Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace incandescent lighting fixture	1131103						17	1.22		

Family Housing 1951-- Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Refinish plaster wall	0611104	5.54							1	12.81
Refinish sheetrock (unstippled) wall	0611304	5.24	1	8.40	1	6.07	1	12.66		
Replace carpet	0629102	3.39							2	7.94
Replace vinyl asbestos tile flooring	062A202	2.89	6	2.31			3	4.98	6	3.27
PM chiller-air cool recip., 5-ton	0991442	2.53	2	5.13	2	5.96				
Repair hollow core (painted) wood interior door	0533112	2.26	4	2.78	3	4.71	10	2.78	17	1.42
PM 100 KBTU house furnace (gas)	0981C22	2.09					5	4.17	4	3.53
Replace dishwasher	0841102	2.04	10	1.79	14	1.57	9	2.96	11	2.14
Refinish sheetrock (unstippled) ceiling	0631304	2.02	3	3.08	8	2.88	2	5.96		
Refinish plaster ceiling	0631104	1.99							3	4.25
Replacement of shingled roof	0311357	1.84	11	1.69	12	1.99	23	1.07	10	2.15
Refinish stucco exterior wall, 2nd floor	0415C24	1.64							5	3.33
Refinish stucco exterior wall, 1st floor	0415C14	1.63							7	3.20
Minor repairs shingled roof	0311353	1.58	14	1.38	16	1.51			13	1.93

Family Housing 1951-- Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace 100 KBTU house furnace (gas)	0981C23	1.54					8	3.06	8	2.58
Replace hot water heater, gas/oil, 75-gal	0814E03	1.34	12	1.67			13	2.04		
Place new over existing - shingled roof	0311356	1.33	18	1.11	21	1.30			14	1.68
Replace switchgear, indoor below 600V	1117103	1.28	8	2.12	11	2.00				
Replace wood (unfinished) ceiling	0635205	1.21	5	2.41						
Clean & service hot water heater, gas/oil, 30-gal	0814D02	1.18					19	1.39	12	2.10
Clean and service hot water heater, gas/oil, 75-gal	0814E02	1.08	15	1.26			14	1.83		
Replace chiller air cool recip., 5-ton	0991443	1.07	7	2.17	9	2.38				
Flashing repairs-shingled roof	0311355	1.03			27	1.02			20	1.26
Replace receptacle/plug	1127202	1.01							19	1.36
Replace maple floor	0625203	1.00	9	1.88	18	1.51				
Repair chiller-air cool recip., 5-ton	0991441		13	1.51	15	1.56				

Family Housing 1951-- Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace hollow core (painted) wood interior door	0533115		16	1.25	17	1.51	20	1.26		
Replace linoleum floor	062A102		17	1.17						
PM heat/cool thermostat	09E1111		19	1.08						
Replace exhaust fan, 10,000 CFM	09C1133				4	3.21				
Replace vinyl sheet flooring	062A402				5	3.11				
Refinish aluminum siding, 1st floor	0415I14				6	3.10				
PM exhaust fan, 10,000 CFM	09C1132				7	2.98				
Replace 100 KBTU house furnace (oil)	0981D23				10	2.13				
PM 100 KBTU house furnace (oil)	0981D22				13	1.79				
Refinish aluminum frame screen, 1st floor	0434614				19	1.42				
Refinish hollow core (painted) wood interior door	0533114				20	1.36				
Replace aluminum (pln & anodized) screen/storm door	0426112				22	1.29				
Replace aluminum frame screen, 1st floor	0431615				23	1.28				

Family Housing 1951-- Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Refinish aluminum panel ceiling	0636104				24	1.19				
Replace 200 KBTU house furnace (oil)	0981D33				25	1.16				
Replace ceramic tile wall	0612805				26	1.11	22	1.13		
Membrane removal & replacement BUR	0311107						4	4.53		
Debris removal & inspection - BUR	0311101						6	3.63		
Place new membrane over existing BUR	0311106						7	3.09		
Minor membrane repairs BUR	0311103						11	2.23		
Flashing repairs BUR	0311105						12	2.13		
Repair 100 KBTU house furnace (gas)	0981C21						15	1.69	18	1.40
Replace aluminum operable window, 1st floor	0431115						16	1.49		
General M&R on dishwasher	0841101						17	1.48	23	1.04
Refinish concrete blk (painted) wall	0612404						18	1.47		
Replace fluorescent lighting fixture	1131303						21	1.22		

Family Housing 1951-- Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Repair sheetrock (unstippled) wall	0611302						24	1.05		
Repair plaster wall	0611102								9	2.18
Refinish sheetrock (stippled) wall	0611204								15	1.52
PM weekly tour 250 BTU boiler (gas)	0981115								16	1.51
Replace CW expansion chamber	0813702								21	1.14
M&R receptacle/plug	1127201								22	1.09
Replace wiring device, switch	1127102								24	1.01

Family Housing (Capehart) Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Refinish sheetrock (unstippled) wall	0611304	6.63	1	7.69	1	7.51	1	14.82	17	1.53
PM chiller-air cool recip., 5-ton	0991442	3.57	3	3.28	2	6.09				
Repair hollow core (painted) wood interior door	0533112	3.21	4	3.03	4	3.80			6	3.13
Replace switchgear, indoor below 600V	1117103	2.13	5	2.84	8	2.56				
Refinish sheetrock (unstippled) ceiling	0631304	2.07			6	3.06	2	6.31		
Replace hot water heater, electric, 120-gal	0814H03	1.85	2	6.05						
Membrane removal and replacement - BUR	0311107	1.82	6	2.42					2	4.21
PM 100 KBTU house furnace (gas)	0981C22	1.81			18	1.21	3	5.06	4	3.58
Replace exhaust fan, 10,000 CFM	09C1133	1.76			3	4.06				
PM exhaust fan, 10,000 CFM	09C1132	1.64			5	3.78				
Replace dishwasher	0841102	1.62	8	2.15	10	1.83	20	1.17		
Replace vinyl sheet flooring	062A402	1.49			7	2.84				
Debris removal & inspection - BUR	0311101	1.45	10	1.98					5	3.29

Family Housing (Capehart) Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Place new membrane over existing - BUR	0311106	1.43	9	2.10					7	2.98
Replace chiller - air cool recip., 5-ton	0991443	1.43	14	1.39	9	2.38				
Replace 100 KBTU house furnace (gas)	0981C23	1.35					5	3.71	9	2.61
Replace maple floor	0625203	1.34	19	1.29	11	1.82				
Replace hollow core (painted) wood interior door	0533115	1.23	15	1.36	17	1.21			19	1.41
Replace wood parquetry floor	0625103	1.21	11	1.94			17	1.27	10	2.60
Refinish sheetrock (stippled) wall	0611204	1.06							1	4.65
Replace hot water heater, gas/oil, 75-gal	0814E03	1.05			22	1.04	6	3.53		
Replacement of shingled roof	0311357	1.02			14	1.47	8	2.54		
Refinish plaster ceiling	0631104		7	2.19					16	1.58
Repair wood louvered interior door	0534232		12	1.45						
Refinish concrete block (painted) wall	0612404		13	1.42						
Flashing repairs - BUR	0311105		16	1.35					11	2.16

Family Housing (Capehart) Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Minor membrane repairs - BUR	0311103		17	1.31					12	2.12
Repair aluminum (P/A) exterior doors	0426112		18	1.31		19	1.17			
Replace wood (unfinished) ceiling	0635205		20	1.14						
Replace ceramic tile wall	0612805		21	1.09			19	1.23	22	1.18
PM 25 KBTU house furnace (oil)	0981D12		22	1.02						
Replace 100 KBTU house furnace (oil)	0981D23				12	1.68				
Repair chiller - air cool recip., 5-ton	0991441				13	1.59				
Minor repairs - shingled roof	0311353				20	1.12	9	2.27		
Refinish aluminum siding, 1st floor	0415I14				15	1.44				
PM 100 KBTU house furnace (oil)	0981D22				16	1.41				
Refinish hollow core (painted) wood interior door	0533114				21	1.10				
Replace vinyl asbestos tile flooring	062A202						4	4.20		
Clean and service hot water heater, gas/oil, 75-gal	0814E02						7	3.16		

Family Housing (Capehart) Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Refinish wood frame (painted) operable window, 2nd floor	0431324						10	2.17		
Repair 100 KBTU house furnace (gas)	0981C21						11	2.05	18	1.42
Place new over existing - shingled roof	0311356						12	2.02		
Replace pipe or gutter	0822102						13	1.59		
Flashing repairs - shingled roof	0311355						14	1.40		
Replace receptacle/ plug	1127202						15	1.36		
Replace sheetrock (unstippled) wall	0611302						16	1.28		
PM heat/cool thermostat	09E1111						18	1.25		
Replace wiring device, switch	1127102						21	1.13		
Unstop waste disposal, residential	0841201						22	1.13		
Replace waste disposal, residential	0841202						23	1.10		
M&R receptacle and plug	1127201						24	1.07		

Family Housing (Capehart) Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
M&R wiring device, switch	1127101						26	1.03		
Refinish plaster wall	0611104								3	3.82
Refinish stucco wall, 1st floor	0415C14								8	2.66
Refinish sheetrock (stippled) ceiling	0631204								13	1.97
Repair steel (painted) sliding interior door	0531132								14	1.96
Clean and service hot water heater, gas/oil, 30-gal	0814D02								15	1.65
Repair solid core (painted) wood sliding interior door	0533222								20	1.40
Refinish wood (multi-coat) exterior wall, 1st floor	0415F14								21	1.36

Family Housing (Wherry) Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Refinish sheetrock (unstippled) wall	0611304	6.15	1	7.26			1	20.34	27	1.04
Replace hot water heater, electric, 120-gal	0814H03	5.72	2	7.19						
Refinish sheetrock (unstippled) ceiling	0631304	2.83	3	3.47			2	8.05		
Replace switchgear, indoor below 600V	1117103	2.77	4	3.37						
Replace dishwasher	0841102	2.27	7	2.58			4	5.88		
Replace wood (unfinished) ceiling	0635205	2.20	5	2.76						
PM chiller-air cool recip. 5-ton	0991442	2.13	6	2.67						
Replacement of shingled roof	0311357	2.10	9	2.18			7	2.40	12	1.77
Replace maple floor	0625203	2.09	8	2.55						
Minor repairs-shingled roof	0311353	1.74	11	1.78			8	2.15	16	1.59
Replace 25 KBTU house furnace (electric)	0981E13	1.60	10	2.00						
Place new over existing - shingled roof	0311356	1.42	12	1.43			9	1.91	19	1.39
Replace wood parquetry floor	0625103	1.33	15	1.34					20	1.34
Refinish plaster wall	0611104	1.26							1	6.42

Family Housing (Wherry) Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
PM heat/cool thermostat	09E1111	1.19	19	1.26						
Replace pipe or gutter	0822102	1.15	14	1.36		14	1.55			
Flashing repairs-shingled roof	0311355	1.15	20	1.17			17	1.32	26	1.04
Repair aluminum (P/A) exterior doors	0426112	1.14	13	1.43						
Refinish wood trim (interior)	0561104	1.10	16	1.34						
Sand and refinish maple floor	0625202	1.09	17	1.33						
PM 25 KBTU house furnace (electric)	0981E12	1.02	18	1.28						
General M&R, dishwasher	0841101	1.02	21	1.14						
Replace chiller-air cool recip. 5 ton	0991443		22	1.13						
Replace linoleum floor	062A102		23	1.10						
Replace HW pipe & fittings, copper	0814203						3	7.57		
Refinish steel frame (painted) operable window, 2nd floor	0431224						5	3.29		
Replace valve, non-drain, 2"-3"	0814402						10	1.81		
Unstop waste disposal, residential	0841201						11	1.81		

Family Housing (Wherry) Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace waste disposal, residential	0841202						12	1.77		
Repair sheetrock (unstippled) wall	0611302						13	1.76		
Replace receptacle/plug	1127202						15	1.43	28	1.00
Replace steel frame (painted) operable window, 1st floor	0431215						16	1.41		
Replace bathub, cast iron	0811707						18	1.29		
Repair formica-vinyl exterior, 2nd floor	0415O22						19	1.28		
Replace steel frame (painted) operable window, 2nd floor	0431225						20	1.22		
Replace wiring device, switch	1127102						21	1.22		
Replace solid core (painted) wood exterior door	0423215						22	1.19		
Replace receptacle/plug	1127201						23	1.13		
M&R wiring device, switch	1127101						24	1.11		
Replace vinyl asbestos tile flooring	062A202								2	4.00

Family Housing (Wherry) Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
PM 100 KBTU house furnace (gas)	0981C22								3	3.96
Refinish finished concrete interior wall	061A204								4	2.98
Replace 100 KBTU house furnace (gas)	0981C23								5	2.89
Refinish plaster ceiling	0631104								6	2.70
Membrane removal & replacement - BUR	0311107								7	2.47
Refinish stucco exterior wall 1st floor	0415C14								8	2.45
Debris removal & inspect - BUR	0311101								9	1.93
Replace finished concrete interior wall	061A202								10	1.93
Refinish concrete exterior wall, 1st floor	0415A14								11	1.91
Replace hollow core (painted) wood interior door	0533112								13	1.75
Place new membrane over existing - BUR	0311106								14	1.75

Family Housing (Wherry) Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Repair solid core (painted) wood sliding interior door	0533222								15	1.72
Repair 100 KBTU house furnace (gas)	0981C21								17	1.57
Replace hot water heater, gas/oil, 75-gal	0814E03								18	1.46
Flashing repairs - BUR	0311105								21	1.27
Clean & service hot water heater, gas/oil, 75-gal	0814E02								22	1.26
Minor membrane repairs - BUR	0311103								23	1.24
Clean & service hot water heater, gas/oil, 30-gal	0814D02								24	1.13
Repair plaster wall	0611102								25	1.09

UPH Enlisted Personnel Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace vinyl asbestos tile flooring	062A202	5.56	1	6.33	11	1.75	1	4.39	1	5.31
Refinish concrete block (painted) wall	0612404	3.84	2	3.99	2	4.33	2	3.56	3	3.22
PM heat/cool thermostat	09E1111	2.60	3	3.05	5	3.14	19	1.09	10	1.77
Replace ceramic tile wall	0612805	1.90	5	2.22	4	3.32			19	1.26
Replace fluorescent lighting fixture	1131303	1.76	7	1.99	19	1.06			7	2.05
Replace broken pipe insulation	0984142	1.68	12	1.62	15	1.22	4	2.19	11	1.70
Repair solid core wood (painted) interior door	0533212	1.65	13	1.55	8	2.18	7	1.60	9	1.85
Replace linoleum floor	062A102	1.59	4	2.38						
Replace carpet	0629102	1.52			1	11.21			2	3.31
Replace hollow core wood (painted) interior door	0533112	1.42	6	2.21						
Refinish sheetrock (unstippled) wall	0611304	1.42	8	1.94			10	1.35		
Replace switchgear, indoor below 600V	1117103	1.38	14	1.41	12	1.73			12	1.64

UPH Enlisted Personnel Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Membrane removal and replacement - BUR	0311107	1.26	17	1.18	17	1.17			8	1.93
Replace 200 CFM 2-pipe fan coil unit	09A1914	1.24	9	1.86						
PM battery, secondary dry	1283401	1.23	10	1.84						
PM chiller-air cool recip., 10-ton	0991452	1.14	11	1.79						
Replace pneumatic thermostat	09E1112	1.08	15	1.31	16	1.20				
Place new membrane over existing - BUR	0311106	1.02	18	1.03	21	1.03			16	1.37
Debris removal and inspection - BUR	0311101	1.01							15	1.51
PM and replace filters, 200 CFM 2-pipe fan coil	09A1913		16	1.23						
PM and clean coil, 200 CFM 2-pipe fan coil unit	09A1912		19	1.01						
Replace 600 CFM 2-pipe fan coil unit	09A1934				3	4.28				
Replace shower, terrazzo	0811906				6	2.85			14	1.61
PM and replace filters, 600 CFM 2-pipe fan coil	09A1933				7	2.44				

UPH Enlisted Personnel Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
PM and clean coil, 600 CFM 2-pipe fan coil unit	09A1932				9	2.15				
PM damper controller - electrical	09E1211				10	1.91				
Replace damper controller - electrical	09E1212				13	1.72				
Replace solid core wood (painted) interior door	0533215				14	1.27			22	1.08
Clean floor drain, without bucket	0812201				18	1.16				
Refinish solid core wood (painted) interior door	0533214				20	1.05				
Refinish wire mesh wall	0616404						3	3.41		
Refinish wood frame (painted) operable window, 2nd floor	0431324						5	1.97		
PM battery, primary wet	1283101						6	1.82		
Replace wall radiator, finned, 10' section	0981H01						8	1.52	21	1.10
Refinish aluminum frame screen, 3rd floor	0434634						9	1.48		
Replace 100 KBTU house furnace (oil)	0981D23						11	1.34		

UPH Enlisted Personnel Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Refinish plywood (painted) interior wall	0615104						12	1.34		
Minor repairs - shingled roof	0311353						13	1.27		
Refinish sheetrock (stippled) ceiling	0631204						14	1.24		
Replacement of shingled roof	0311357						15	1.19		
Refinish aluminum frame screen, 2nd floor	0434624						16	1.18		
Place new over existing - shingled roof	0311356						17	1.14		
PM 100 KBTU house furnace (oil)	0981D22						18	1.14		
Replace drinking fountain	0811H07						20	1.04		
Replace broken glass, aluminum operable window, 3rd floor	0431131						21	1.02		
Replace finned radiator, wall 10' section	0943301								4	2.86
Repair finished concrete interior wall	061A202								5	2.83
Refinish finished concrete interior wall	061A204								6	2.21

UPH Enlisted Personnel Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace hot water heater, electric, 1,000-gal	0814J03								13	1.63
Refinish stucco exterior wall, 3rd+ floor	0415C34								17	1.36
Refinish sheetrock (stippled) wall	0611204								18	1.28
Replace pipe and fittings, waste and vent	0812103								20	1.17
Replace ceramic trim (interior)	0561405								23	1.05
Refinish stucco exterior wall, 2nd floor	0415C24								24	1.04

Trainee Barracks Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace vinyl asbestos tile flooring	062A202	8.19			1	8.19				
Refinish concrete block (painted) wall	0612404	5.42			2	5.42				
PM heat/cool thermostat	09E1111	5.23			3	5.23				
Replace 200 CFM 4-pipe fan-coil unit	09A1A14	4.60			4	4.60				
Replace ceramic tile wall	0612805	4.42			5	4.42				
Replace fluorescent lighting fixture	1131303	3.07			6	3.07				
Replace fire alarm control panel	1221603	3.05			7	3.05				
Replace broken pipe insulation	0984142	3.03			8	3.03				
PM replace filters, 200 CFM 4-pipe fan-coil	09A1A13	2.95			9	2.95				
Replace hollow core (painted) wood interior door	0533112	2.74			10	2.74				
Replace wall radiator, finned 10' section	0981H01	2.60			11	2.60				
PM and clean coil, 200 CFM 4-pipe fan-coil unit	09A1A12	2.59			12	2.59				

Trainee Barracks Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace pneumatic thermostat	09E1112	2.00			13	2.00				
Membrane removal and replacement - BUR	0311107	1.94			14	1.94				
Place new membrane over existing - BUR	0311106	1.73			15	1.73				
Replace switchgear, indoor below 600V	1117103	1.62			16	1.62				
Debris removal and inspection - BUR	0311101	1.57			17	1.57				
M&R fluorescent lighting fixture	1131301	1.36			18	1.36				
Refinish (finished) concrete ceiling	063A204	1.27			19	1.27				
Replace hollow core (painted) wood interior door	0533115	1.23			20	1.23				
PM and inspect fire alarm cont. panel	1221602	1.18			21	1.18				
Flashing repairs - BUR	0311105	1.10			22	1.10				
Minor membrane repairs - BUR	0311103	1.05			23	1.05				

UPH Dining Facilities Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace quarry tile floor	0622202	3.43	2	3.38	3	4.63			1	5.56
Replace vinyl asbestos tile flooring	062A202	3.28	1	4.74	7	2.55	15	1.23	7	2.50
Replace 20,000 BTU boiler (dual-fired)	0981425	2.93					1	17.60		
Replace fluorescent lighting fixture	1131303	2.15	3	2.70	11	1.94	13	1.34	14	1.70
Membrane removal and replacement - BUR	0311107	1.89	16	1.41	9	2.16	9	1.94	4	3.31
Replace deaerator	0981A13	1.61			5	2.81			3	4.53
Replace ceramic tile wall	061285	1.61	17	1.40	4	3.15				
Place new membrane over existing - BUR	0311106	1.55	20	1.23	10	1.94	14	1.26	8	2.35
Replace exhaust fan, 10,000 CFM	09C1133	1.55	11	1.71	13	1.61			18	1.65
Repair aluminum louver in frame, 1st floor	0433212	1.52			1	4.74				
Debris removal and inspection - BUR	0311101	1.51	22	1.15	2	1.75	12	1.49	6	2.59
PM battery, secondary wet	1283301	1.49			2	4.70				
PM exhaust fan, 10,000 CFM	09C1132	1.43	13	1.51	15	1.53			19	1.64

UPH Dining Facilities Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace broken pipe insulation	0984142	1.36			6	2.58	7	2.76		
Replace switchgear, indoor, 0-600V	1115103	1.17	6	2.16						
PM chiller-air cool recip., 5-ton	0991442	1.15	5	2.40						
Replace 200 KBTU house furnace (gas)	0981C33	1.09	4	2.42						
Replace switchgear, indoor below 600V	1117103	1.09	23	1.15	20	1.20				
Replacement of shingled roof	0311357	1.07	10	1.74						
Repair 20,000 BTU boiler (dual-fired)	0981421	1.04					2	6.27		
Flashing repairs - BUR	0311105	1.02			19	1.23			15	1.70
Refinish sheetrock (unstippled) wall	0611304	1.02	9	1.78						
Refinish wood (multi-coat) exterior, 1st floor	0415F14		7	1.92						
Replace single-zone draw through, 2,500 CFM	09A1C64		8	1.86						
Repair hollow core (painted) wood interior door	0533112		12	1.56						

UPH Dining Facilities Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
PM single-zone draw through, 2,500 CFM	09A1C62		14	1.48						
Minor repairs - shingled roof	0311353		15	1.42						
PM heat/cool thermostat	09E1111		18	1.38						
Replace single-zone draw thru, 25,000 CFM	09A1C34		19	1.27					13	1.91
PM 200 KBTU house furnace (gas)	0981C32		21	1.16						
Place new over existing - shingled roof	0311356		24	1.14						
M&R fluorescent lighting fixture	1131301		25	1.12						
Replace 1-ton window A/C	0991213		26	1.11						
PM 1-ton window A/C	0991212		27	1.05						
Replace chiller - air cool recip., 5-ton	0991443		28	1.02						
Refinish aluminum louver in frame, 1st floor	0433214				8	2.25				
Replace single-zone draw thru, 10,000 CFM	09A1C24				14	1.59				

UPH Dining Facilities Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace aluminum louver in frame, 1st floor	0433215				16	1.49				
Replace hot water heater, electric, 1,000-gal	0814J03				17	1.29				
PM/inspect motor starter, 0-600V	1123602				18	1.24	16	1.18	10	2.28
Minor membrane repairs - BUR	0311103				21	1.17			17	1.67
Refinish aluminum siding, 1st floor	0415I14				22	1.12				
PM weekly tour, 20,000 BTU boiler (dual-fired)	0981424						3	3.91		
Refinish steel louver (framed), 1st floor	0433314						4	3.83		
Replace steel louver (framed), 1st floor	0433312						5	3.23		
PM battery, primary dry	1283201						6	3.13		
Replace carpet	0629102						8	2.50		
Replace hermetic chiller, 100 tons	0991433						10	1.85		
Repair hermetic chiller, 100 tons	0991431						11	1.66		
PM annual inspection, 20,000 BTU boiler (dual-fired)	0981422						16	1.14		

UPH Dining Facilities Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
PM/inspect safety switch, enclosed	1122102						17	1.13		
PM hermetic chiller, 100 tons	0991432						18	1.06		
Replace 10,000 BTU boiler (gas)	0981137								2	5.21
Replace hot water heater, electric, 300-gal	0814I03								4	2.64
PM weekly tour, 10,000 BTU boiler (gas)	0981136								9	2.29
Replace CW expansion chamber	0813702								11	2.13
Repair 10,000 BTU boiler (gas)	0981131								12	1.93
Replace switchgear, indoor above 600V	1117203								16	1.69
Repair wood louver in frame, 1st floor	0433112								20	1.42
PM feedwater supply	0981912								21	1.36
PM deaerator	0981A12								22	1.27
Refinish wood louver in frame, 1st floor	0433114								23	1.24
Replace exhaust fan, 50,000 CFM	09C1153								24	1.06
Replace single-zone draw thru, 6,500 CFM	09A1C14								25	1.05

UPH Dining Facilities Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace pipe or gutter	0822102								26	1.01

UPH Officers Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace vinyl asbestos tile flooring	062A202	4.90	1	6.10	1	4.36	5	3.09	1	4.66
Repair hollow core (painted) wood exterior door	0533112	3.58	4	3.16	4	3.57	4	4.46	2	3.77
Replace carpet	0629102	3.05	2	3.75			1	9.97	8	2.15
Replace switchgear, indoor below 600V	1117103	1.81	9	2.03	28	1.06	15	1.50	6	2.45
Replace ceramic tile wall	0612805	1.77	17	1.33	9	1.88	9	2.08	11	2.11
Refinish sheetrock (unstippled) wall	0611304	1.68			2	3.99	3	4.50		
Replace hollow core (painted) wood interior door	0533115	1.55	14	1.42	11	1.60	14	1.53	15	1.69
Replace wall radiator, finned 10' section	0981H01	1.51			14	1.56	16	1.49	3	3.51
Replace 400 CFM fan coil unit	09A1924	1.35	3	3.17						
PM heat/cool thermostat	09E1111	1.34			5	3.41	12	1.65		
PM & inspect motor starter, 0-600V	1123602	1.19			3	3.82				
Membrane removal & replacement-BUR	0311107	1.11	13	1.43					7	2.16
Repair wood louvered interior door	0534232	1.09					2	4.63	10	2.13

UPH Officers Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Refinish hollow core (painted) wood interior door	0533114	1.07			29	1.02	17	1.48	24	1.14
Replace ceramic trimming (interior)	0561405		5	2.33						
Replace finned radiator, wall 10' section	0943301		6	2.24						
Refinish plaster wall	0611104		7	2.20						
Refinish plaster ceiling	0631104		8	2.20						
Repair solid core (painted) wood interior door	0533212		10	1.87						
PM/replace filters, 400 CFM fan coil unit	09A1923		11	1.85						
PM/clean coil 400-CFM fan coil unit	09A1922		12	1.53						
Refinish concrete exterior wall, 3rd+ floor	0415A34		15	1.41						
Repack gland in CW drain valve	0813601		16	1.35						
Place new membrane over existing-BUR	0311106		18	1.27					18	1.53
Replace HW drain valve	0814603		19	1.22						
Debris removal & inspect-BUR	0311101		20	1.17					16	1.69

UPH Officers Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Repair div. valve, bathtub, enameled steel	0811805		21	1.13						
Replace solid core (painted) wood interior door	0533215		22	1.09						
Refinish wood louver in frame, 3rd floor	0433134				6	3.18				
PM 1-ton window A/C	0991212				7	2.56				
Replace 1-ton window A/C	0991213				8	2.44				
Refinish sheetrock (unstippled) ceiling	0631304				10	1.68	10	2.08		
M&R motor starter 0-600V	1123601				12	1.57				
Replace wood louver in frame, 3rd floor	0433132				13	1.57				
PM cleaning exhaust fan 200 CFM	09C1112				15	1.44			19	1.47
Refinish stucco interior ceiling	0631404				16	1.43				
PM safety switch, fused 1 P	1122412				17	1.37				
Replacement of shingled roof	0311357				18	1.33				
Replace 2,000 BTU boiler (gas)	0981127				19	1.32				
Replace pneumatic thermostat	09E1112				20	1.30				

UPH Officers Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
PM weekly tour 2,000 BTU boiler (gas)	0981126				21	1.27				
Replace broken pipe insulation	0984142				22	1.14	7	2.63		
Replace smoke detector	1221203				23	1.12				
Replace exhaust fan 200 CFM	09C1113				24	1.10			26	1.09
Repair hollow core (painted) wood sliding interior door	0533122				25	1.09	8	2.52		
PM 50 tons chillers ACH recip.	0991422				26	1.08				
Minor repairs-shingled roof	0311353				27	1.07				
Replace baseboard radiator 10' section	0943201						6	2.84		
Refinish concrete block (painted) interior wall	0612404						11	1.70	22	1.34
Replace radiator, baseboard 10' section	0981G01						13	1.55		
Replace wood louvered interior door	0534235						18	1.28		
Refinish aluminum frame screen cover, 3rd floor	0434624						19	1.16		

UPH Officers Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Refinish wood trimming (interior)	0561104						20	1.02		
Repair solid core (painted) wood sliding interior door	0533222								4	3.23
PM weekly tour 250 BTU boiler (gas)	0981115								5	3.13
Refinish sheetrock (stippled) wall	0611204								9	2.13
Replace waste disposal, residential	0841202								12	1.87
Unstop waste disposal, residential	0841201								13	1.85
Refinish sheetrock (stippled) ceiling	0631204								14	1.74
Replace solid core (painted) wood sliding interior door	0533225								17	1.69
Refinish painted concrete block exterior wall, 2nd floor	0415924								20	1.44
Refin steel frame (painted) operable window, 2nd floor	0431224								21	1.40
Refinish painted concrete block exterior wall, 1st floor	0415914								23	1.17

UPH Officers Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Flashing repairs-BUR	0311105								25	1.11
Minor membrane repairs-BUR	0311103								27	1.09
Clean floor drain, without bucket	0812201								28	1.00

Community Fire station Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace diesel generator component	1281203	12.12	1	27.90						
Replace carpet	0629102	2.14			1	3.92	2	5.67		
PM weekly tour 250 BTU boiler (gas)	0981115	1.88	5	2.09	2	3.80				
PM battery, secondary dry	1283401	1.87			3	3.32	3	5.10		
Refinish wood (multi-coat) exterior, 1st floor	0415F14	1.86	2	4.29						
Membrane removal & replacement - BUR	0311107	1.86			11	1.71	8	2.24	3	6.21
Replacement of shingled roof	0311357	1.57	6	2.00	7	2.19				
Replace vinyl asbestos tile flooring	062A202	1.57	3	2.61	21	1.30				
Debris removal & inspect BUR	0311101	1.46			18	1.37	11	1.71	4	4.85
Place new membrane over existing BUR	0311106	1.44			14	1.53	13	1.53	5	4.40
Refinish sheetrock (unstippled) ceiling	0631304	1.44	8	1.80	12	1.70	19	1.13		
Refinish concrete block (painted) interior wall	0612404	1.35	13	1.12	26	1.03	12	1.70	12	2.32
Minor repairs-shingled roof	0311353	1.32	9	1.63	9	1.76				

Community Fire station Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace 2,000 BTU boiler (dual-fired)	0981415	1.22					1	6.05		
Replace fluorescent lighting fixture	1131303	1.15			15	1.43	7	2.36		
Place new over existing - shingled roof	0311356	1.08	12	1.31	16	1.43				
PM weekly tour 2,000 BTU boiler (gas)	0981126	1.05							1	9.57
Replace 2,000 BTU boiler (gas)	0981127	1.02							2	9.34
Replace pipe or gutter	0822102	1.01			23	1.16			7	3.19
Replace wood (multi-coat) exterior, 1st floor	0415F15		4	2.10						
Refinish board (finished) interior wall	0615704		7	1.83						
Total panel replacement-metal roof	0311367		10	1.58						
PM 25 KBTU house furnace (oil)	0981D12		11	1.36						
Flashing repairs-shingled roof	0311355		14	1.08	22	1.19				
Replace 25 KBTU house furnace (oil)	0981D13		15	1.04						

Community Fire station Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace wall rediator, finned 10' section	0981H01		16	1.04			16	1.35		
Repair wood single roll-up door	0427502		17	1.04						
Repair solid core wood painted interior door	0533212		18	1.00					21	1.12
Replace 1 HP air compressor	0831113				4	2.71				
Refinish sheetrock (unstippled) wall	0611304				5	2.47				
Replace CW expansiom chamber	0813702				6	2.33				
Refinish aluminum siding, 2nd floor	0415I24				8	2.11				
Refinish aluminum siding, 1st floor	0415I14				10	1.71				
Replace switchgear, indoor 0-600V	1115103				13	1.54				
PM & inspect motor starter, 0-600V	1123602				17	1.37			18	1.30
Replace 2-ton window A/C	0991223				19	1.33				
Replace bituminous flooring	062D102				20	1.32				
Replace LPG storage tank, 1,000-gal	0931101				24	1.10				

Community Fire station Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
PM 2-ton window A/C	0991222				25	1.04				
Refinish aluminum panel ceiling	0636104				27	1.02	15	1.52		
PM weekly tour 250 BTU boiler (oil)	0981314						4	4.89		
PM weekly tour 2,000 BTU boiler (dual-fired)	0981414						5	4.89		
Replace broken pipe insulation	0984142						6	3.22		
PM heat/cool thermostat	09E1111						9	2.23		
PM 400 CFM unit heater	09A1D12						10	1.78		
Replace radiator, baseboard 10' section	0981G01						14	1.52		
Replace 250 BTU boiler (oil)	0981316						17	1.18		
PM ann. 2,000 BTU boiler (dual-fired)	0981412						18	1.13		
Minor membrane repairs-BUR	0311103						20	1.08	9	3.12
M&R fluorescent lighting fixture	1131301						21	1.05		
Flashing repairs - BUR	0311105						22	1.03	8	3.17
PM 1-ton window A/C	0991212						23	1.01		

Community Fire station Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Refinish concrete exterior wall, 1st floor	0415A14								6	3.83
Replace switchgear, indoor above 600V	1117203								10	2.99
Replace ceramic trim-interior	0561405								11	2.72
Replace pipe & fittings, waste & vent	0812103								13	1.97
Repair 2,000 BTU boiler (gas)	0981121								14	1.60
General M&R distrib., gutters, pipe	0822101								15	1.52
Repair concrete exterior wall, 1st floor	0415A12								16	1.35
Replace unfinished concrete floor	062B102								17	1.34
Replace aluminum operable window, 1st floor	0431115								19	1.29
PM 1,200 CFM unit heater	09A1D22								20	1.18
Replace pipe & fittings, copper CW	0813203								22	1.06
Replace pipe & fittings, copper HW	0814203								23	1.06

Chapel Center Facilities Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace carpet	0629102	10.71	1	13.69	1	6.28	1	9.31	1	19.95
Replace vinyl asbestos tile flooring	062A202	2.11	9	1.49	3	2.19	8	2.74	6	3.39
Refinish concrete block (painted) interior wall	0612404	1.94	10	1.39	14	1.29	6	4.01	16	1.59
Replace broken pipe insulation	0984142	1.65					2	7.02		
Replace xfrmr, liquid filled above 600V	1114103	1.54			2	3.55			2	6.07
Replacement of shingled roof	0311357	1.49	7	1.59	13	1.32	18	1.20	9	2.69
Replace carpeted interior wall	0614805	1.49	2	3.79						
Minor repairs-shingled roof	0311353	1.34	14	1.30	18	1.06	15	1.31	7	3.03
PM heat/cool thermostat	09E1111	1.21	12	1.35	4	1.90				
Replace fluorescent lighting fixture	1131303	1.18			8	1.59	14	1.33	18	1.45
Refinish aluminum siding, 1st floor	0415I14	1.15	6	1.64	9	1.55				
Repair hollow core (painted) wood interior door	0533112	1.12	3	2.46						
Place new over existing shingled roof	0311356	1.12	22	1.04			19	1.19	10	2.65
Refinish sheetrock (unstippled) wall	0611304	1.11	17	1.22	16	1.23	20	1.05		

Chapel Center Facilities Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace wall radiator, finned 10' section	0981H01	1.10					4	4.14		
Refinish aluminum siding, 2nd floor	0415I24	1.07	15	1.28	6	1.75				
Membrane removal & replacement-BUR	0311107	1.07	8	1.52			17	1.25		
PM weekly tour 250 BTU boiler (oil)	0981314	1.03	21	1.09	5	1.86				
PM chiller-air cool recip. 10-ton	0991452		4	2.12						
Refinish wood (multi-coat) exterior, 1st floor	0415F14		5	2.04						
Place new membrane over existing BUR	0311106		11	1.35						
Replace pipe or gutter	0822102		13	1.33			22	1.01	24	1.20
Debris removal & inspect - BUR	0311101		16	1.24						
Replace single zone draw thru 10,000 CFM	09A1C24		18	1.20						
Replace chiller-air cool recip. 10-ton	0991453		19	1.12						
Replace hollow core (painted) wood interior door	0533115		20	1.10						
Replace linoleum floor	062A102		23	1.02						

Chapel Center Facilities Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
PM chiller-air cool recip. 5-ton	0991442				7	1.64				
PM battery, secondary dry	1283401				10	1.42				
Replace 1,200 CFM 2-pipe fan coil unit	09A1944				11	1.37				
Replace solid core (painted) wood interior door	0533212				12	1.36			13	1.93
PM & inspect motor starter, 0-600V	1123602				15	1.28			14	1.86
Replace single-zone draw thru 25,000 CFM	09A1C34				17	1.22				
Replace exhaust fan 10,000 CFM	09C1133						3	4.27		
PM exhaust fan 10,000 CFM	09C1132						5	4.05		
Repair wood louvered interior doors	0534232						7	3.27		
Replace 2,000 BTU boiler (dual-fired)	0981415						9	1.73	8	3.01
Replace 2,000 BTU boiler (oil)	0981326						10	1.44		
Refinish sheetrock (unstippled) ceiling	0631304						11	1.41		
PM weekly tour 2,000 BTU boiler (dual-fired)	0981414						12	1.40	11	2.57

Chapel Center Facilities Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
PM weekly tour 2,000 BTU boiler (oil)	0981324						13	1.40		
Refinish wood frame (painted) fixed wdw, 2nd floor	0432324						16	1.27		
Replace exhaust fan 25,000 CFM	09C1143						21	1.04		
Refinish painted concrete block exterior wall, 1st floor	0415914								3	5.26
Replace radiator, baseboard 10' section	0981G01								4	3.69
Refinish plaster ceiling	0631104								5	3.60
Flashing repairs - shingled roof	0311355								12	1.98
Replace xfmr, liquid filled above 600V	1114101								15	1.63
Replace double pane wood frame operable window, 1st floor	0431815								17	1.51
Replace switchgear indoor below 600V	1117103								19	1.45
Replace hot water heater, electric, 300-gal	0814I03								20	1.38

Chapel Center Facilities Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Refinish double pane wood frame operable window, 1st floor	0431814								21	1.29
Repair plaster ceiling	0631102								22	1.29
Debris removal & inspect-shingled roof	0311351								23	1.21
Replace solid core (painted) wood interior door	0533215								25	1.13

Auditorium/Theatre Facility Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
PM battery, primary wet	1283101	4.25					1	16.64		
Replace carpet	0629102	3.43			1	4.62	3	3.27		
Membrane removal & replacement-BUR	0311107	3.23			3	2.67	2	3.90	2	4.03
Debris removal & inspection-BUR	0311101	2.55			7	2.16	4	2.98	4	3.15
Place new membrane over existing-BUR	0311106	2.55			5	2.40	5	2.67	7	2.85
Refinish acoustical wall tile	0619204	2.16			2	2.95	14	1.94		
Replace switchgear, indoor below 600V	1117103	1.87			14	1.84	19	1.64	12	2.29
Flashing repairs-BUR	0311105	1.69			19	1.52	17	1.79	15	2.06
Replace 2,000 BTU boiler (oil)	0981326	1.67			10	1.98	6	2.19		
Minor membrane repairs-BUR	0311103	1.66			20	1.44	15	1.88	16	2.02
PM weekly tour 2,000 BTU boiler (oil)	0981324	1.62			12	1.91	10	2.13		
Refinish concrete block (painted) interior wall	0612404	1.49			23	1.09	13	1.99	18	1.99
PM 50 tons chillers WCH recip.	0991522	1.48			4	2.63				
Refinish concrete decking-porch	0441104	1.45			8	2.04	21	1.12		

Auditorium/Theatre Facility Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace single-zone draw thru 25,000 CFM	09A1C34	1.41			18	1.59			8	2.82
Replace vinyl asbestos tile flooring	062A202	1.38					11	2.09	9	2.75
Replace xfmr, liquid filled, above 600V	1114103	1.37			17	1.70			13	2.25
PM/inspect motor starter, 0-600V	1123602	1.34			16	1.72			27	1.00
Replace chiller, 50 tons, WCH recip.	0991523	1.30			6	2.31				
Replace broken pipe insulation	0984142	1.30			13	1.88				
Replace deaerator	0981A13	1.19							1	6.54
PM chiller-air cool recip. 10 ton	0991452	1.14			9	2.03				
Replace 2,000 BTU boiler (gas)	0981127	1.12					7	2.19	5	3.09
PM weekly tour 2,000 BTU boiler (gas)	0981126	1.12					9	2.13	3	3.17
Repair hermetic chiller, 50 tons	0991521	1.08			11	1.91				
Refinish sheetrock (unstippled) ceiling	0631304	1.02			15	1.74				
Refinish plaster ceiling	0631104	1.01					8	2.19	11	2.46
Refinish aluminum siding, 2nd floor	0415I24				21	1.29				

Auditorium/Theatre Facility Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace 100 tons evaporative condsr	0991D23				22	1.13				
Repair concrete decking-porch	0441102				24	1.06				
Refinish aluminum siding, 1st floor	0415I14				25	1.01				
Refinish stucco interior wall	0611404						12	2.01		
Replace 10,000 CFM multi-zone unit	09A1124						16	1.86		
PM 50 tons chillers ACH recip.	0991422						18	1.73		
Replace chiller, 50 tons ACH recip.	0991423						20	1.20		
Repair hermetic chiller, 50 tons, ACH recip.	0991421						22	1.08		
Replace wood louvers in frame, 1st floor	0433112								6	2.87
Refinish wood louvers in frame, 1st floor	0433114								10	2.51
PM/replace filter 50,000 CFM multi-zone unit	09C1143								14	2.14
PM heat/cool thermostat	09E1111								17	2.01
PM deaerator	0981A12								19	1.75

Auditorium/Theatre Facility Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
PM annual 50,000 CFM multi-zone unit	09C1142								20	1.53
Replace hot water heater, gas/oil 1,000 GPH. rec	0814F03								21	1.52
Refinish concrete exterior wall, 3rd floor	0415A34								22	1.51
Replace aluminum (P & A) interior door	0531312								23	1.32
Clean and service hot water heater, gas/oil 1,000 GPH rec.	0814F02								24	1.27
Replace 1 HP air compressor	0831113								25	1.05
M & R duct heaters	1274001								26	1.00

Bowling Center Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Total panel replacement-metal roof	0311367	4.91					1	28.64		
Membrane removal & replacement-BUR	0311107	3.94	1	6.93					1	7.30
Replace carpet	0629102	3.59	2	6.54			3	3.55		
Place new membrane over existing-BUR	0311106	3.33	3	6.16					5	5.17
Debris removal & inspection-BUR	0311101	3.19	4	5.68					2	5.70
Replace wood parquetry floor	0625103	3.06			3	4.96	2	5.45	3	5.69
Replace vinyl asbestos tile flooring	062A202	2.58	15	1.92	7	3.59	9	1.95	9	3.39
Replace fluorescent lighting fixture	1131303	2.52	11	2.38	12	2.39	11	1.78	6	4.15
Replace 6,500 CFM multi-zone unit	09A1114	2.34	5	5.56						
Flashing repairs-BUR	0311105	2.16	6	3.88					7	3.73
Minor membrane repairs-BUR	0311103	2.11	8	3.78					8	3.67
Refinish steel (painted) interior wall	0616304	2.07	18	1.69	2	5.02				
Replace switchgear, indoor below 600V	1117103	1.97	9	3.05			17	1.15	15	2.67

Bowling Center Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace 50,000 CFM multi-zone unit	09A1144	1.74			1	6.39				
Replace maple floor	0625203	1.63	7	3.87						
Replace acoustic tile (dropped) ceiling	0632205	1.48	17	1.81	23	1.17	16	1,24	22	i.41
Replace CW expansion chamber	0813702	1.15			4	4.22				
Replace deaerator	0981A13	1.13			5	4.17				
Replacement of shingled roof	0311357	1.12			6	4.10				
M & R fluorescent lighting fixture	1131301	1.10			25	1.06			18	1.89
PM battery, secondary dry	1283401	1.08	10	2.58						
Sand & refinish parquetry floor	0625102	1.07			18	1.60	6	2.24	19	1.86
Replace chiller 50 tons WCH recip.	0991523		12	2.36						
PM chiller 50 tons WCH recip.	0991522		13	2.18						
Sand & refinish maple floor	0625202		14	2.02						
Repair hermetic chiller 50 tons	0991521		16	1.84						
Refinish concrete block (painted) interior wall	0612404		19	1.49						

Bowling Center Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
PM annual 6,500 CFM multi-zone unit	09A1112		20	1.27						
PM/inspect safety switch, enclosed	1122102		21	1.05			20	1.00		
Replace condenser 20 tons	0991B33		22	1.02						
PM/replace filters 6,500 CFM multi-zone unit	09A1113		23	1.01						
Replace chiller 100 tons ACH recip.	0991433				8	3.42				
Minor repairs-shingled roof	0311353				9	3.30				
Place new over existing-shingled roof	0311356				10	2.68				
Repair hermetic chiller 100 tons	0991431				11	2.45				
Flashing repairs-shingled roof	0311355				13	2.23				
Replace broken pipe insulation	0984142				14	2.04				
Replace 2,000 BTU boiler (oil)	0981326				15	1.97				
PM weekly tour 2,000 BTU boiler (oil)	0981324				16	1.90				
PM 100 tons chillers ACH recip.	0991432				17	1.61				

Bowling Center Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace xfmr, liquid-filled above 600V	1114103				19	1.45			12	2.88
Debris removal & inspection-shingled roof	0311351				20	1.29				
Replace HW expansion chamber	0814702				21	1.22				
PM 400 CFM unit heater	09A1D12				22	1.17				
Replace switchgear, main frame 1200A	1113101				24	1.15				
PM deaerator	0981A12				26	1.05				
PM heat/cool thermostat	09E1111				27	1.04				
Refinish steel (painted) exterior wall, 1st floor	0415L14						4	3.44		
Flashing replacement-metal roof	0311365						5	2.55		
Replace 200 KBTU house furnace (gas)	0981C33						7	2.15		
PM 20 tons chillers ACH recip.	0991412						8	2.00		
PM battery, primary dry	1283201						10	1.83		
PM chiller-air cool recip. 10-ton	0991452						12	1.56		

Bowling Center Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace 6,500 CFM single-zone draw thru	09A1C14						13	1.47		
Debris removal & inspection-metal roof	0311361						14	1.42		
Refinish steel (painted) exterior wall, 2nd floor	0415L24						15	1.25		
PM annual 6,500 CFM single-zone draw thru	09A1C12						18	1.13		
PM 200 KBTU house furnace (gas)	0981C32						19	1.11		
Refinish aluminum siding, 1st floor	0415I14								4	5.59
Repair 20 tons A/C DX packaged	0991121								10	3.09
PM exhaust fan 10,000 CFM	09C1132								11	2.90
Replace exhaust fan 10,000 CFM	09C1133								13	2.86
Refinish sheetrock (stippled) wall	0611204								14	2.68
PM 20 tons A/C DX packaged	0991122								16	2.44
Replace 20 tons A/C DX packaged	0991123								17	2.27
PM/inspect motor starter, 0-600V	1123602								20	1.84

Bowling Center Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace aluminum siding, 1st floor	0415I15								21	1.42

Child Support Center Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Total panel replacement-metal roof	0311367	13.52	1	20.48						
Replace carpet	0629102	5.82	3	3.62			4	5.43	1	11.79
Replace linoleum floor	062A102	3.04	2	4.61						
Refinish sheetrock (unstippled) wall	0611304	2.38	5	3.19			5	3.08		
PM battery, secondary dry	1283401	2.33	4	3.52						
Refinish wood finished (multi-coat) exterior, 1st floor	0415F14	2.04	14	1.11					3	5.26
Repair hollow core (painted) wood interior door	0533112	2.03	6	3.08						
Replace C.W. expansion chamber	0813702	2.01							2	8.06
PM chiller-air cool recip. 10-ton	0991452	1.51	7	2.30						
Replace vinyl asbestos tile flooring	062A202	1.46					15	1.62	5	3.61
Replacement of shingled roof	0311357	1.33					13	1.75	6	3.38
Replace hot water heater, electric, 120-gal	0814H03	1.32	8	2.00						
Replace fluorescent lighting fixture	1131303	1.32					7	2.67	14	2.37

Child Support Center Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace broken pipe insulation	0984142	1.31					1	7.47		
Refinish sheetrock (stippled) wall	0611204	1.22							4	4.90
Repair solid core (painted) wood interior door	0533212	1.18					11	1.98	11	2.64
Minor repairs-shingled roof	0311353	1.17					12	1.93	8	2.94
Flashing replacement-metal roof	0311365	1.10	9	1.67						
Replace smoke detector	1221203	1.02					20	1.16	21	1.26
Place new over existing-shingled roof	0311356	1.01					14	1.74	13	2.56
Replace hollow core (painted) wood interior door	0533115		10	1.38						
Total roof replacement-roll roofing	0311347		11	1.36						
Replace chiller-air cool recip. 10-ton	0991453		12	1.21						
Replace carpeted interior wall	0614805		13	1.17						
Replace formica wall	0614105		15	1.04						
Replace pipe & fittings, waste & vent	0812103		16	1.01						

Child Support Center Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace 2,000 BTU boiler (oil)	0981326						2	6.36		
PM weekly tour 2,000 BTU boiler (oil)	0981324						3	6.18		
PM heat/cool thermostat	09E1111						6	3.07		
Refinish sheetrock (unstippled) ceiling	0631304						8	2.47		
PM 400 CFM Unit heater	09A1D12						9	2.25		
Replace wood parquetry floor	0625103						10	2.11		
Repair plaster ceiling	0631102								29	1.05
Refinish solid core (painted) wood interior door	0533214						16	1.25	19	1.35
PM on steam trap, F & T <1"	0984372						17	1.20		
M & R fluorescent lighting fixture	1131301						18	1.20	27	1.08
Flashing repairs-shingled roof	0311355						19	1.19	15	1.92
PM 1,200 CFM unit heater	09A1D22						21	1.13		
PM/clean burner 2,000 BTU boiler (oil)	0981325						22	1.11		
Replace switchgear, indoor below 600V	1117103						23	1.10	16	1.60

Child Support Center Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace steam trap F & T <1"	0984373						24	1.08		
Replace pneumatic thermostat	09E1112						25	1.07		
PM/annual inspection 2,000 BTU boiler (oil)	0981322						26	1.05		
Replace H.W. expansion chamber	0814702								7	2.97
Refinish plaster ceiling	0631104								9	2.87
Replace cast iron radiator, 10' section	0943101								10	2.85
Replace steam regulator valve-2"	0941301								12	2.59
Replace solid core (painted) wood interior door	0533215								17	1.55
Replace insulation, air separator	09843A2								18	1.40
Replace brass closer exterior hardware	0473105								20	1.27
Replace hot water heater, gas/oil, 75-gal	0814E03								22	1.23
Replace brass interior lockset	0582105								23	1.21
Debris removal & inspection-shingled roof	0311351								24	1.17

Child Support Center Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace brass interior closer	0583105								25	1.16
Replace solid core (painted) wood exterior door	0423215								26	1.14
Clean/service hot water heater, gas/oil, 75-gal	0814E02								28	1.06

Commissary Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Total roof replacement, roll roofing	0311347	10.90	8	2.71			1	20.26		
Replace generator comp.-gasoline powered	1281103	7.87	1	16.88			3	7.78		
Minor roofing repair-roll roofing	0311343	7.48	9	1.89			2	13.88		
PM chiller-water cool recip. 10 ton	0991542	3.29	2	14.15						
Replace wood (finished) ceiling	0635105	2.59					4	5.11		
Replace fluorescent lighting fixture	1131303	2.14			8	2.90	7	2.52		
Replace vinyl asbestos tile flooring	062A202	1.88	7	3.12	4	4.44				
PM chiller-air cool recip. 5 ton	0991442	1.80	11	1.40	1	5.66				
Refinish steel (painted) interior wall	0616304	1.57					5	3.10		
Refinish wood (finished) ceiling	0635104	1.50					6	2.95		
Refinish concrete floor	062B202	1.36					8	2.43		
Replace chiller-water cool recip. 10 ton	0991543	1.30	3	5.58						
Flashing repairs-roll roofing	0311345	1.24					9	2.29		

Commissary Cost by Task										
Task Description	CACES ID No.	% of To...	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Membrane removal & replacement-BUR	0311107	1.23	18	1.03	5	3.81				
Repair steel louvers with frame, 1st floor	0433312	1.21			2	4.66				
Refinish steel louvers with frame, 1st floor	0433314	1.21			3	4.64				
Replace switchgear, indoor below 600V	1117103	1.20	13	1.36	17	1.35	21	1.04		
Replace finished concrete floor	062B203	1.16					10	2.10		
Place new membrane over existing-BUR	0311106	1.10			6	3.42				
PM single-zone draw thru 1,000 CFM	09A1C52	1.03	4	4.41						
PM/inspect motor starter, 0-600V	1123602	1.02			9	2.66				
Repair chiller-water cool recip. 10 ton	0991541		5	4.16						
Replace single-zone draw thru 1,000 CFM	09A1C54		6	3.77						
Replace filter single-zone draw thru 1,000 CFM	09A1C53		10	1.76						
Replace 2,000 BTU boiler (gas)	0981127		12	1.38						

Commissary Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace single-zone draw thru 25,000 CFM	09A1C34		14	1.27						
PM weekly tour 2,000 BTU boiler (gas)	0981126		15	1.27						
Replace broken pipe insulation	0984142		16	1.12	18	1.30				
Replace 250W HID mercury vapor fixture	1131413		17	1.07						
Debris removal & inspection-BUR	0311101				7	3.06				
PM battery, secondary dry	1283401				10	2.36				
Replace 25,000 CFM multi-zone unit	09A1134				11	2.32				
Flashing repairs-BUR	0311105				12	2.17				
Replace chiller-air cool recip. 5 ton	0991443				13	2.15				
Minor membrane reapairs-BUR	0311103				14	2.06				
PM safety switch, fused 3P	1122432				15	1.62				
Replace chiller-air cool recip. 5 ton	0991441				16	1.49				
M & R fluorescent lighting fixture	1131301				19	1.29	19	1.13		
PM chiller-air cool recip. 5 ton	0991452				20	1.28				

Commissary Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
PM weekly tour 250 BTU boiler (oil)	0981314				21	1.20				
Refinish aluminum panel ceiling	0636104				22	1.12				
M & R motor starter, 0-600V	1123601				23	1.10				
PM damper controller-electrical	09E1211				24	1.06				
PM heat/cool thermostat	09E1111				25	1.01				
Replace steel deck flooring	0626102						11	1.89		
Repair wood (finished) ceiling	0635102						12	1.65		
Replace single-zone draw thru 6,500 CFM	09A1C14						13	1.64		
Debris rmvl & inspect-roll roofing	0311341						14	1.56		
PM annual single-zone draw thru 6,500 CFM	09A1C12						15	1.28		
Refinish concrete decking-porch	0441104						16	1.18		
Repair open head sprinkler head	0844111						17	1.18		
PM/inspect safety switch, enclosed	1122102						18	1.15		
Minor repairs to finished concrete floor	062B201						20	1.12		

Commissary Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Repair clay brick interior wall	0612502						22	1.04		

Art & Crafts Center Cost By Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Total panel replacement metal roof	0311367	4.20	1	10.04						
Membrane removal & replacement-BUR	0311107	3.83	9	2.79	2	4.20	4	4.93		
Refinish concrete block (painted) interior wall	0612404	3.72	5	3.22	7	3.22	3	4.98		
Replace vinyl asbestos tile flooring	062A202	3.48	19	1.64	3	3.94	2	5.51		
Place new membrance over existing-BUR	0311106	3.11	10	2.48	4	3.77	10	3.37		
Debris removal & inspection-BUR	0311101	3.03	12	2.29	6	3.56	9	3.77		
PM tour, 250 BTU boiler (gas)	0981115	2.76			8	3.02	1	6.16		
Replace switchgear, indoor below 600B	1117103	2.58	11	2.44	14	2.16	11	3.27		
Replace fluorescent lighting fixture	1131303	2.23	7	2.98	5	3.57				
PM battery, secondary dry	1283401	2.04	25	1.23	26	1.32	8	3.86		
Flashing repairs-BUR	0311105	2.01	20	1.56	11	2.39	15	2.28		
Replace deaerator	0981A13	2.00			1	6.64				
Replace 6,500 CFM multi-zone unit	09A1114	1.99	15	1.77			5	4.35		

Art & Crafts Center Cost By Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Minor membrane repairs-BUR	0311103	1.99	22	1.52	13	2.27	14	2.40		
Replace 25,000 CFM multi-zone unit	09A1134	1.74	2	4.46						
Replace hermetic chiller, 100 tons	0991433	1.64	3	4.21						
Refinish aluminum panel ceiling	0636104	1.34					7	3.87		
Replace 250W HID mercury vapor fixture	1131413	1.30	4	3.34						
PM hermetic chiller 20 tons	0991412	1.21					6	4.04		
Repair hermetic chiller, 100 tons	0991431	1.17	6	3.02						
Replace 2,00 BTU boiler (dual-fired)	0981415	1.13	8	2.90						
Replace broken pipe insulation	0984142	1.03					12	2.48		
Replace transformer, dry below 15,000V	1116203	1.00	21	1.52	24	1.37				
PM weekly tour 2,000 BTU boiler (dual-fired)	0981414		13	2.20						
Refinish concrete exterior wall, 2nd floor	0415A24		14	1.98						
PM exhaust fan 1,000 CFM	09C1122		16	1.74						
PM hermetic chiller, 100 tons	0991432		17	1.71						

Art & Crafts Center Cost By Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
M & R 250W HID mercury vapor fixture	1131411		18	1.64						
Repair solid core (painted) wood interior door	0533212		23	1.48			20	1.41		
Replace exhaust fan 1,000 CFM	09C1123		24	1.40						
M & R fluorescent lighting fixture	1131301		26	1.23	21	1.58				
Replace hermetic chiller, 50 tons	0991423				9	2.59				
PM hermetic chiller, 50 tons	0991422				10	2.56				
Replace xfmr, liquid-filled above 600V	1114103				12	2.31				
Replace 6,500 CFM single-zone draw thru	09A1C14				15	2.11				
PM/inspect motor starter, 0-600V	1123602				16	2.05				
Replace ceramic trim-interior	0561405				17	1.89				
PM feedwater supply	0981912				18	1.80				
PM annual 6,500 CFM single-zone draw thru	09A1C12				19	1.73				
PM deaerator	0981A12				20	1.67				
Repair hermetic chiller, 50 tons	0991421				22	1.55				

Art & Crafts Center Cost By Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Repair feedwater supply pump	0981911				23	1.40				
PM/replace filter 6,500 CFM single-zone draw thru	09A1C13				25	1.33				
PM safety switch, fused 3P	1122432				27	1.24				
Replace feedwater pump	0981913				28	1.12				
Replace hermetic chiller, 20 tons	0991413						13	2.47		
Replace incandescent lighting fixture	1131103						16	1.72	9	2.71
Replace aluminum panel ceiling	0636105						17	1.56		
Replace 250 BTU boiler (gas)	0981116						18	1.51		
Repair hermetic chiller, 20 tons	0991411						19	1.44		
M & R incandescent lighting fixture	1131101						21	1.17	11	1.98
PM annual 6,500 CFM multi-zone unit	09A1112						22	1.16		
Replace drinking fountain	0811H07						23	1.03		
PM/inspect safety switch, enclosed	1122102						24	1.01		

Art & Crafts Center Cost By Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Refinish wood finished (multi-coat) exterior, 1st floor	0415F14								1	31.75
Refinish board (finished) wall	0615704								2	10.76
Replace wood (unfinished) ceiling	0635205								3	9.82
Replacement of shingled roof	0311357								4	5.10
Minor repairs-shingled roof	0311353								5	4.60
Place new over existing-shingled roof	0311356								6	4.02
Refinish metal window grating, 1st floor	0434414								7	3.70
Flashing repairs-shingled roof	0311355								8	3.01
Replace board (finished) wall	0615705								10	2.00
Replace plywood floor	0625302								12	1.89
Debris removal & inspect-shingled roof	0311351								13	1.84
Repair wood, finished (multi-coat) exterior, 1st floor	0415F12								14	1.82

Art & Crafts Center Cost By Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Repair wood (unfinished) ceiling	0635202								15	1.77
Replace solid core (painted) wood exterior door	0423215								16	1.73
Replace wood frame (painted) operable window, 1st floor	0431315								17	1.61
Repair solid core (painted) wood exterior door	0423212								18	1.34

Continuing Education Facility Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace wood (unfinished) ceiling	0635205	5.57			18	1.41			1	11.39
PM 1,200 CFM unit heater	09A1D22	3.81							2	8.16
Replace fluorescent lighting fixture	1131303	3.51			3	5.16	13	1.47	8	3.89
Replacement of shingled roof	0311357	2.82					16	1.28	3	5.25
Replace vinyl asbestos tile flooring	062A202	2.76			2	5.31	4	4.88		
Minor repairs-shingled roof	0311353	2.60					14	1.40	4	4.70
Place new over existing-shingled roof	0311356	2.28					17	1.27	6	4.10
Total panel replacement-metal roof	0311367	2.27			1	9.00				
Replace 1 H.P. air compressor	0831113	2.09							5	4.38
PM weekly tour, 250 BTU boiler (oil)	0981314	1.98					1	6.81		
PM weekly tour, 2,000 BTU boiler (oil)	0981324	1.98					2	6.81		
Replace 2,000 BTU boiler (oil)	0981326	1.97					3	6.79		

Continuing Education Facility Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace solid core (painted) wood exterior door	0423215	1.83							7	3.98
Flashing repairs shingled roof	0311355	1.68							11	3.08
PM heat/cool thermostat	09E1111	1.68			15	1.84			14	2.23
M&R fluorescent lighting fixture	1131301	1.58			11	2.29			19	1.77
Replace 1,200 CFM unit heater	09A1D23	1.57							9	3.36
Repair solid core (painted) wood exterior door	0423212	1.42							10	3.09
Replace baseboard radiator, 10' section	0981G01	1.37					5	4.73		
Refinish sheetrock (unstippled) wall	0611304	1.23			20	1.13	6	3.25		
Refinish sheetrock (stippled) wall	0611204	1.22							12	2.66
Replace unfinished concrete floor	062B102	1.15							13	2.45
Repair wood (unfinished) ceiling	0535202	1.08							16	2.14
Debris removal & inspect shingled roof	0311351	1.04							17	1.88
PM/inspect motor starter, 0-600V	1123602	1.01							18	1.80

Continuing Education Facility Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace xfmr liquid-filled below 600V	1116103	1.01							15	2.20
Membrane removal & replacement-BUR	0311107				4	3.49				
Replace 6,500 CFM single-zone draw thru	09A1C14				5	3.18				
Place new membrane over existing-BUR	0311106				6	3.13				
Debris removal & inspection-BUR	0311101				7	2.80				
Refinish concrete block (painted) interior wall	0612404				8	2.71				
PM annual 6,500 CFM single-zone draw thru	09A1C12				9	2.41				
Replace 10,000 BTU boiler (oil)	0981336				10	2.36				
Flashing repairs-BUR	0311105				12	1.99				
Minor membrane repairs-BUR	0311103				13	1.89				
PM/replace filter 6,500 CFM single-zone draw thru	09A1C13				14	1.84				
PM safety switch, fused 1P	1122412				16	1.70				

Continuing Education Facility Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace switchgear indoor below 600V	1117103				17	1.45	20	1.14		
Replace 2,000 BTU boiler (dual-fired)	0981415				19	1.21				
Repair solid core (painted) wood interior door	0533212				21	1.03				
Replace formica wall	0614105						7	2.33		
Replace broken pipe insulation	0984142						8	2.16		
Refinish wood frame (painted) operable window, 2nd floor	0431324						9	1.79		
Replace 250 BTU boiler (oil)	0981316						10	1.59		
Refinish aluminum frame screen, 2nd floor	0434624						11	1.51		
Refinish aluminum frame storm windows, 2nd floor	0434124						12	1.50		
Refinish sheetrock (unstippled) ceiling	0631304						15	1.36		
PM/clean brnr 2,000 BTU boiler (oil)	0981325						18	1.23		
PM annual 2,000 BTU boiler (oil)	0981322						19	1.16		

Continuing Education Facility Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Refinish wood trimming-interior	0561104						21	1.14		
Replace carpet	0629102						22	1.00		
Replace brass exterior lockset	0472105								20	1.70
Replace pipe or gutter	0822102								21	1.62
Replace wood frame (painted) fixed window, 1st floor	0432315								22	1.61
Refinish solid core (painted) wood exterior door	0423214								23	1.57
Replace wainscot wall	0615905								24	1.36
Refinish wainsot wall	0615904								25	1.22
Replace 1 HP air compressor	0831112								26	1.21
Minor repairs to unfinished concrete floor	062B101								27	1.21
Replace hollow core (painted) wood interior door	0533112								28	1.20
PM/inspect safety switch, enclosed	1122102								29	1.09
Refinish wood frame (painted) fixed window, 1st floor	0432314								30	1.06

Physical Fitness Center Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace steel deck flooring	0626102	16.51	1	35.48						
Membrane removal & replacement-BUR	0311107	2.83	3	2.64	2	4.14	9	1.74	5	2.76
Place new membrane over existing-BUR	0311106	2.47	4	2.35	3	3.72	12	1.19	6	2.46
Replace ceramic tile interior wall	0612805	2.39	2	2.83	5	3.12			11	1.75
Debris removal & inspection-BUR	0311101	2.30	5	2.17	4	3.34	11	1.35	7	2.28
Refinish concrete block (painted) interior wall	0612404	2.19	10	1.23	1	6.08	13	1.18	20	1.21
Refinish aluminum panel ceiling	0636104	1.78	9	1.42	6	2.95	3	3.35		
Flashing repairs-BUR	0311105	1.57	7	1.48	8	2.36			13	1.55
Total roof replacement-roll roofing	0311347	1.57					2	3.45	1	5.64
Minor membrane repairs-BUR	0311103	1.52	8	1.44	10	2.24			16	1.50
Replace shower, terrazo	0811906	1.08							2	4.67
Minor roofing repair-roll roofing	0311343	1.03					7	2.36	3	3.63
Total panel replacement-metal roof	0311367	1.02					1	6.89		
Replace rubber tile flooring	062A302		6	1.54						

Physical Fitness Center Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Minor repairs to steel floor	0626101		11	1.11						
Replace switchgear, indoor below 600V	1117103		12	1.08	22	1.05				
Replace exhaust fan 25,000 CFM	09C1143		13	1.03						
Replace maple floor	0625203				7	2.37				
Replace 10,000 CFM single-zone draw thru	09A1C24				9	2.33				
Replace 25,000 CFM single-zone draw thru	09A1C34				11	1.88				
PM battery, secondary wet	1283301				12	1.53				
Replace broken pipe insulation	0984142				13	1.41	6	2.99		
Replace carpet	0629102				14	1.36	8	2.05		
Replace aluminum panel ceiling	0636105				15	1.26	10	1.35		
PM annual 10,000 CFM single-zone draw thru	09A1C22				16	1.26				
Sand & refinish maple floor	0625202				17	1.25				
Replace fluorescent lighting fixture	1131303				18	1.23	14	1.18		
Refinish steel (painted) exterior wall, 2nd floor	04151.24				19	1.19				

Physical Fitness Center Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
PM/replace filter 10,000 CFM single-zone draw thru	09A1C23				20	1.14				
Replace 2,000 BTU boiler (dual-fired)	0981415				21	1.10				
Replace wood (finished) ceiling	0635105				23	1.05			4	2.82
PM battery, primary wet	1283101						4	3.15		
Total roof replace-rigid fiberglass roof	0311377						5	3.06		
Refinish wood finish (multi-ccat) exterior wall, 1st floor	0415F14								8	2.15
Refinish steel louvers with frame, 1st floor	0433314								9	1.87
Repair steel louvers with frame, 1st floor	0433312								10	1.86
Refinish wood frame (painted) fixed window, 2nd floor	0432324								12	1.55
Refinish wood (finished) ceiling	0635104								14	1.53
Replace ceramic tile floor	0622102								15	1.53
Replace 2,000 BTU boiler (gas)	0981127								17	1.43

Physical Fitness Center Cost by Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Replace 6,500 CFM multi-zone unit	09A1114								18	1.32
PM weekly tour 2,000 BTU boiler (gas)	0981126								19	1.30
Replacement of shingled roof	0311357								21	1.19
Refinish concrete block (WP/P) painted exterior wall, 1st floor	0415914								22	1.08
Replace exhaust fan 10,000 CFM	09C1133								23	1.04
Replace wood finish (multi-coat) exterior wall, 1st floor	0415F15								24	1.04

Transient Housing Facilities Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace carpet	0629102	8.49	1	12.58	4	3.17	4	4.35	1	11.15
PM battery, secondary wet	1283301	7.13			1	19.16	1	7.95		
Refinish sheetrock (unstippled) ceiling	0631304	4.45	2	7.09	13	1.63	10	2.53		
Refinish sheetrock (unstippled) wall	0611304	2.60	7	1.81	3	3.23	2	5.15		
Replace hollow core (painted) wood interior door	0533112	1.75	5	2.23			7	2.73	15	1.66
Replace xfmr, liquid-filled, above 600V	1114103	1.69	3	3.33						
Replace vinyl asbestos tile flooring	062A202	1.59			5	2.86	3	4.36		
Replace deaerator	0981A13	1.37			6	2.77				
Replace ceramic tile interior wall	0612805	1.20	6	2.21						
Replace 400 CFM fan coil unit	09A1924	1.19	4	2.36						
Replace wall radiator, finned, 10' section	0981H01	1.18			2	3.61				
Replacement of shingled roof	0311357	1.16			8	1.88	17	1.21	7	2.88
PM heat/cool thermostat	09E1111	1.14	8	1.80					12	2.13
Repair solid core (painted) wood interior door	0533212	1.07			12	1.66	12	1.92	10	2.27

Transient Housing Facilities Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace hot water heater, electric, 120-gal	0814H03		9	1.70						
Membrane removal and replacement - BUR	0311107		10	1.64						
Replace 2,000 BTU boiler (dual-fired)	0981415		11	1.62						
Place new membrane over existing - BUR	0311106		12	1.45						
PM/replace filters, 400 CFM fan coil unit	09A1923		13	1.38						
Debris removal and inspection - BUR	0311101		14	1.34						
Replace switchgear, indoor, below 600V	1117103		15	1.24						
PM weekly tour, 2,000 BTU boiler (dual-fired)	0981414		16	1.23						
Replace sheetrock (unstippled) ceiling	0631302		17	1.14						
PM/clean coil, 400 CFM fan coil unit	091A1922		18	1.14						
Replace bathtub, plastic	0811J07		19	1.05						
Replace hollow core (painted) wood interior door	0533115		20	1.00						

Transient Housing Facilities Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
PM weekly tour, 250 BTU boiler (oil)	0981314				7	2.74				
PM 1-ton window A/C	0991212				9	1.77				
Replace broken pipe insulation	0984142				10	1.72	9	2.57		
Replace 1-ton window A/C	0991213				11	1.69				
Minor repairs - shingled roof	0311353				14	1.52	16	1.33	8	2.55
Refinish aluminum siding, 1st floor	0415I14				15	1.42				
Replace battery, secondary wet	1283302				16	1.38				
Place new over existing - shingled roof	0311356				17	1.23	18	1.21	11	2.23
Refinish aluminum siding, 2nd floor	0415I24				18	1.13				
Replace switchgear, indoor, 0-600V	1115103				19	1.06				
Flashing repairs - shingled roof	0311355				20	1.03			14	1.67
Replace 2,000 BTU boiler (gas)	0981127						5	3.91		
PM weekly tour 2,000 BTU boiler (gas)	0981126						6	3.80		

Transient Housing Facilities Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Refinish wood frame (painted) operable window, 2nd floor	0431324						8	2.60		
Replace radiator, cast iron, 10' section	0981F01						11	2.19		
PM weekly tour 250 BTU boiler (gas)	0981115						13	1.90		
Refinish wood trim - interior	0561104						14	1.82		
PM battery, secondary dry	1283401						15	1.59		
Refinish solid core (painted) wood interior door	0533214						19	1.21	23	1.16
Refinish wood finished (multi-coat) exterior, 1st floor	0415F14								2	7.68
PM 100 KBTU house furnace (gas)	0981C23								3	6.22
Replace 100 KBTU house furnace (gas)	0981C23								4	4.56
Clean/service hot water heater, gas/oil, 30-gal	0814D02								5	4.46
Refinish sheetrock (stippled) wall	0611204								6	3.32

Transient Housing Facilities Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Repair 100 KBTU house furnace (gas)	0981C21								9	2.49
Refinish aluminum frame screen, 1st floor	0434614								13	1.86
Replace wood frame (painted) operable window, 1st floor	0431315								16	1.63
Replace linoleum floor	062A102								17	1.55
Replace pipe and fittings, steel/iron (gas)	0912103								18	1.43
Refinish board (finished) interior wall	0615704								19	1.35
Replace solid core (painted) wood interior door	0533215								20	1.33
Replace hot water heater, gas/oil, 30-gal	0814D03								21	1.28
Replace pipe and fittings, waste and vent	0823103								22	1.18
Debris removal and inspection - shingled roof	0311351								24	1.02
Refinish wood decking - porch	0441204								25	1.01

Consolidated Open Dining Faciltiy Cost By Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace carpet	0629102	8.61	1	11.24	2	7.84				
PM battery, secondary wet	1283301	7.12			1	19.56				
Membrane removal & replacement-BUR	0311107	2.65	10	1.68	4	2.54			1	7.01
Place new membrane over existing-BUR	0311106	2.21	12	1.50	5	2.28			3	4.96
Debris removal & inspection-BUR	0311101	2.12	14	1.38	6	2.03			2	5.47
Replace fluorescent lighting fixture	1131303	1.82	3	2.44					12	2.77
Replace switchgear, indoor below 600V	1117103	1.66	4	2.22	13	1.44				
Flashing repairs-BUR	0311105	1.45			12	1.44			7	3.58
Minor membrane repairs-BUR	0311103	1.40			15	1.37			8	3.52
Replace vinyl asbestos tile flooring	062A202	1.40	11	1.63	8	1.95			11	2.83
Replace ceramic tile interior wall	0612805	1.32	8	2.02						
Refinish stucco exterior wall, 1st floor	0415C14	1.28	2	2.51						
Repair hollow core (painted) wood interior door	0533112	1.22	9	1.87						

Consolidated Open Dining Faciltiy Cost By Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
PM weekly tour, 250 BTU boiler (oil)	0981314	1.13	5	2.20						
PM chiller-air cool recip, 10-ton	0991452	1.10	6	2.14						
Refinish concrete block (painted) interior wall	0612404	1.08	20	1.04					9	3.12
Replace deaerator	0981A13	1.06			11	1.45			4	4.31
Refinish stucco exterior wall, 2nd floor	0415C24	1.03	7	2.02						
Replace 6,500 CFM single zone draw thru	09A1C14		13	1.42						
Refinish stucco interior wall	0611404		15	1.21						
Replace chiller-air cool recip. 10-ton	0991453		16	1.17						
Replace 10,000 BTU boiler (gas)	0981137		17	1.13						
PM heat/cool thermostat	09E1111		18	1.13						
Replace hot water heater, electric, 120-gal	0814H03		19	1.10						
M&R fluorescent lighting fixture	1131301		21	1.01					22	1.26
Replace vinyl interior wall	0614405				3	2.63				
Replace hermetic chiller, 100 tons	0991433				7	1.98				

Consolidated Open Dining Facilty Cost By Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Repair hermetic chiller, 100 tons	0991431				9	1.70				
Replace 6,500 CFM multi-zone unit	09A1114				10	1.45				
Replace battery, secondary, wet	1283302				14	1.41				
Replace 2,000 BTU boiler (oil)	0981326				16	1.37				
PM weekly tour, 2,000 BTU boiler (oil)	0981324				17	1.32				
PM/inspect motor starter, 0-600V	1123602				18	1.31			23	1.23
PM hermetic chiller, 100 tons	0991432				19	1.12				
Replace C.W. expansion chamber	0813702								5	4.12
Replace switchgear, indoor above 600V	1117203								6	3.91
Replace quarry tile floor	0622202								10	3.00
Replace 2,000 BTU biler (dual-fired)	0981415								13	2.45
Replace wood parquetry floor	0625103								14	2.31
Replace exhaust fan 25,000 CFM	09C1143								15	2.31
PM weekly tour 2,000 BTU boiler (dual-fired)	0981414								16	2.09

Consolidated Open Dining Facilty Cost By Task										
Task Description	**CACES ID No.**	**% of Total**	**Bragg**		**Wood**		**Devens**		**Ord**	
			Rank	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**	**Rank**	**% of Total**
Refinish concrete decking-porch	0441104								17	2.02
Repair wood louvers in frame, 1st floor	0433112								19	1.55
PM exhaust fan 25,000 CFM	09C1142								20	1.51
Refinish wood louvers in frame, 1st floor	0433114								21	1.35
PM deaerator	0981A12								24	1.16
Refinish painted concrete block exterior wall, 1st floor	0415914								25	1.15
Replace hot water heater, electric, 300-gal	0814I03								26	1.12
Replace xfmr liquid-filled below 600V	1116103								27	1.08
Repair concrete decking-porch	0441102								28	1.03
Replace incandescent lighting fixture	1131103								29	1.02
Replace exhaust fan 50,000 CFM	09C1153								30	1.01

Community Retail Store Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace carpet	0629102	8.55	1	5.88	5	2.81	1	6.38	1	18.45
Replace fluorescent lighting fixture	1131303	4.12	2	3.35	2	4.41	3	3.74	3	4.65
Replace vinyl asbestos tile flooring	062A202	3.58	3	2.84	3	3.80	2	5.47	7	3.38
Replace switchgear, indoor below 600V	1117103	2.56	5	2.57	13	1.56	12	1.67	5	3.90
Total panel replacement - metal roof	0311367	2.43			1	4.50			4	4.16
Membrane removal and replacement - BUR	0311107	2.04	6	2.41	6	2.54	4	3.14		
PM 20 tons chillers ACH recip.	0991412	1.97	4	2.64	4	3.14	18	1.46		
Refinish wood (multi-coat) exterior, 1st floor	0415F14	1.95	18	1.17					2	5.58
M&R fluorescent lighting fixture	1131301	1.82	13	1.39	9	1.96	11	1.68	12	2.12
Debris removal and inspection - BUR	0311101	1.60	8	1.97	8	2.04	5	2.30		
Place new membrane over existing - BUR	0311106	1.57	7	2.10	7	2.26	6	2.14		
Replacement of shingled roof	0311357	1.42	17	1.18			19	1.45	9	2.87

Community Retail Store Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Minor repair - shingled roof	0311353	1.30					13	1.59	10	2.59
Replace 20-ton chiller ACH recip.	0991413	1.29	9	1.90	10	1.93				
Place new over existing - shingled roof	0311356	1.12					22	1.44	11	2.26
Refinish sheetrock (stippled) wall	0611204	1.12							6	3.51
Flashing repairs - BUR	0311105	1.08	15	1.35	15	1.44	21	1.43		
Minor membrane repairs - BUR	0311103	1.05	16	1.31	16	1.37	15	1.51		
PM 20 tons chillers WCH recip.	0991512		10	1.60						
PM battery, secondary dry	1283401		11	1.54			8	1.86		
Replace 6,500 CFM multi-zone unit	09A1114		12	1.51			28	1.04		
Repair hollow core (painted) wood interior door	0533112		14	1.38						
Replace 10,000 BTU boiler (gas)	0981137		19	1.09						
Replace single-zone draw-thru 10,000 CFM	09A1C[illegible]		20	1.08						
Repair hermetic chiller 20-ton ACH recip.	0991411		21	1.06	18	1.09				

Community Retail Store Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace chiller 20 tons WCH recip.	0991513		22	1.01						
Refinish sheetrock (unstippled) wall	0611304				11	1.65	10	1.77		
Repair heat pump 10 tons	09A1E21				12	1.63				
PM chiller-air cool recip., 5-ton	0991442				14	1.46				
PM heat pump, 10 tons	09A1E22				17	1.18				
PM/inspect safety switch, enclosed	1122102				19	1.01				
PM battery, primary dry	1283201						7	2.07		
Replace metal walk-in cooler interior door	0534325						9	1.80		
Replace 2,000 BTU boiler (gas)	0981127						14	1.52		
PM weekly tour, 250 BTU boiler (gas)	0981115						16	1.48		
PM weekly tour, 2 000 BTU boiler (gas)	0981126						17	1.48		
Refinish sheetrock (unstippled) ceiling	0631304						20	1.44		
Replace quarry tile floor	0622202						23	1.26		
Replace steel deck flooring	0626102						24	1.25		

Community Retail Store Cost by Task										
Task Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Replace ceramic tile wall	0612805						25	1.14	18	1.02
Replace broken pipe insulation	0984142						26	1.14		
Refinish painted concrete block exterior wall, 1st floor	0415914						27	1.08		
Refinish sheetrock (stippled) ceiling	0631204								8	2.88
Flashing repairs - shingled roof	0311355								13	1.70
PM/inspect motor starter, 0-600V	1123602								14	1.63
Replace pipe or gutter	0822102								15	1.22
Replace vinyl interior wall	0614405								16	1.09
Debris removal and inspection - shingled roof	0311351								17	1.04
Repair solid core (painted) wood interior door	0533212								19	1.01

APPENDIX P:

STATISTICAL ANALYSIS DATA

ANNEX C

MRPM AVERAGE COST FACTORS ESTIMATED LIFE CYCLE COST

1. This annex provides average maintenance cost factors, per square foot of building, for major functional use classifications, over an assumed 80 year life cycle. These cost are statistically derived from an MRPM analysis of representative buildings evaluated at four CONUS installations, Forts Bragg, Devens, Leonard Wood and Ord. Since Army Materiel Command and Health Services Command Installations were not included in the field evaluation of the MRPM, these costs are not applicable to specialized facilities at installations of those commands.

2. Cost factors are arrayed from 1 to 80 years in three columns for each type of construction permanent or temporary. The columns show the average (weighted mean) cost, the standard deviation for the distribution of costs that produced the average, and the value of the 90% confidence limits associated with the average cost.

3. Functional use classifications are the facility category group classifications, based on current use, developed during the Long Range Stationing Study. Three separate pages are shown for each facility category group; Annual Required Maintenance (ARM), Major Component Replacement (MCR), and Total Maintenance which is the sum of ARM plus MCR.

4. These average cost factors are in Washington base dollars. To determine the cost at a particular installation they should be adjusted by the area cost factors, listed in PAX Newsletter 20, to account for variances in regional price indices.

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Annual Required Maintenance

Yr	Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.10	0.08	0.01	0.19	0.12	0.03
2	0.46	0.25	0.04	0.[illegible]	0.25	0.05
3	0.48	0.26	0.05	0.62	0.26	0.06
4	0.55	0.26	0.05	0.73	0.31	0.07
5	0.55	0.26	0.05	0.76	0.30	0.06
6	0.60	0.25	0.04	0.83	0.28	0.06
7	0.60	0.27	0.05	0.85	0.27	0.06
8	0.59	0.29	0.05	0.93	0.38	0.08
9	0.68	0.27	0.05	1.03	0.45	0.10
10	0.66	0.29	0.05	1.00	0.40	0.09
11	0.69	0.28	0.05	1.01	0.44	0.10
12	0.69	0.26	0.05	1.04	0.53	0.12
13	0.67	0.31	0.05	0.96	0.45	0.10
14	0.77	0.52	0.09	0.88	0.35	0.08
15	0.74	0.26	0.05	0.97	0.36	0.08
16	0.80	0.29	0.05	1.00	0.32	0.07
17	0.73	0.26	0.05	0.95	0.34	0.07
18	0.79	0.48	0.09	0.86	0.32	0.07
19	0.78	0.21	0.04	1.04	0.55	0.12
20	0.78	0.24	0.04	1.06	0.54	0.12
21	0.78	0.20	0.04	1.13	0.48	0.10
22	0.74	0.25	0.04	1.04	0.40	0.09
23	0.64	0.28	0.05	0.93	0.34	0.07
24	0.75	0.35	0.06	0.95	0.38	0.08
25	0.77	0.28	0.05	0.95	0.39	0.08
26	0.81	0.51	0.09	1.09	0.45	0.10
27	0.66	0.26	0.05	0.88	0.35	0.08
28	0.70	0.35	0.06	0.90	0.34	0.07
29	0.90	0.62	0.11	1.00	0.44	0.10
30	0.68	0.27	0.05	1.01	0.47	0.10
31	0.69	0.32	0.06	1.03	0.38	0.08
32	0.65	0.27	0.05	0.99	0.45	0.10
33	0.63	0.31	0.05	1.01	0.54	0.12
34	0.77	0.50	0.09	0.89	0.41	0.09
35	0.66	0.26	0.05	0.85	0.33	0.07
36	0.70	0.25	0.04	0.87	0.30	0.06
37	0.70	0.25	0.04	0.97	0.38	0.08
38	0.65	0.28	0.05	0.92	0.40	0.09
39	0.70	0.21	0.04	0.94	0.40	0.09
40	0.70	0.23	0.04	0.98	0.49	0.11
41	0.76	0.24	0.04	1.10	0.52	0.11
42	0.71	0.21	0.04	1.04	0.46	0.10
43	0.71	0.28	0.05	0.91	0.35	0.08
44	0.69	0.26	0.05	0.88	0.30	0.07
45	0.83	0.47	0.08	0.91	0.38	0.08
46	0.72	0.34	0.06	0.97	0.36	0.08
47	0.64	0.27	0.05	0.88	0.35	0.08
48	0.67	0.30	0.05	0.90	0.33	0.07
49	0.94	0.58	0.10	1.01	0.45	0.10
50	0.72	0.28	0.05	0.99	0.45	0.10
51	0.92	0.54	0.10	1.22	0.54	0.12
52	0.72	0.25	0.04	1.00	0.48	0.10
53	0.64	0.31	0.06	0.93	0.45	0.10
54	0.65	0.27	0.05	0.90	0.38	0.08
55	0.76	0.35	0.06	0.96	0.39	0.09
56	0.73	0.27	0.05	0.95	0.31	0.07
57	0.76	0.27	0.05	0.97	0.34	0.07
58	0.68	0.26	0.05	0.96	0.38	0.08
59	0.82	0.50	0.09	1.05	0.45	0.10
60	0.68	0.26	0.05	1.02	0.49	0.11
61	0.73	0.34	0.06	1.01	0.47	0.10
62	0.66	0.24	0.04	1.03	0.42	0.09
63	0.76	0.51	0.09	0.92	0.35	0.08
64	0.69	0.24	0.04	0.91	0.28	0.06
65	0.71	0.27	0.05	0.89	0.26	0.06
66	0.65	0.29	0.05	0.97	0.38	0.08
67	0.66	0.30	0.05	0.93	0.37	0.08
68	0.63	0.29	0.05	0.83	0.31	0.07
69	0.68	0.28	0.05	0.91	0.41	0.09
70	0.65	0.25	0.04	1.02	0.51	0.11
71	0.71	0.31	0.06	1.07	0.55	0.12
72	0.68	0.27	0.05	1.01	0.46	0.10
73	0.67	0.33	0.06	0.97	0.46	0.10
74	0.75	0.51	0.09	0.90	0.38	0.08
75	0.74	0.33	0.06	0.87	0.38	0.08
76	0.79	0.28	0.05	0.92	0.26	0.06
77	0.68	0.24	0.04	0.88	0.30	0.06
78	0.66	0.26	0.05	0.88	0.31	0.07
79	0.86	0.44	0.08	1.01	0.46	0.10
80	0.76	0.33	0.06	0.99	0.48	0.10

Yr	Major Component Replacement Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.01	0.03	0.01	0.00	0.01	0.00
5	0.03	0.05	0.01	0.00	0.01	0.00
6	0.00	0.01	0.00	0.06	0.17	0.04
7	0.01	0.02	0.00	0.01	0.01	0.00
8	0.14	0.08	0.01	0.01	0.01	0.00
9	0.22	0.07	0.01	0.05	0.03	0.01
10	0.23	0.11	0.02	0.07	0.08	0.02
11	0.38	0.19	0.03	0.33	0.33	0.07
12	0.36	0.13	0.02	0.19	0.12	0.03
13	0.27	0.14	0.02	0.22	0.19	0.04
14	0.26	0.21	0.04	0.36	0.20	0.04
15	0.39	0.40	0.07	0.35	0.28	0.06
16	0.44	0.47	0.08	0.42	0.20	0.04
17	0.27	0.14	0.02	0.33	0.20	0.04
18	0.43	0.20	0.04	0.54	0.32	0.07
19	0.50	0.29	0.05	0.46	0.42	0.09
20	0.37	0.15	0.03	0.85	0.52	0.11
21	0.41	0.28	0.05	0.99	0.65	0.14
22	0.48	0.28	0.05	0.58	0.26	0.06
23	0.24	0.23	0.04	0.69	0.37	0.08
24	0.21	0.12	0.02	0.50	0.29	0.06
25	0.34	0.19	0.03	0.56	0.49	0.11
26	0.42	0.35	0.06	0.47	0.43	0.09
27	0.39	0.18	0.03	0.56	0.44	0.09
28	1.88	1.10	0.20	0.65	0.53	0.12
29	2.39	0.75	0.13	0.68	0.46	0.10
30	2.00	1.04	0.19	0.79	0.47	0.10
31	3.00	2.37	0.42	2.03	4.86	1.06
32	2.00	0.99	0.18	0.72	0.56	0.12
33	1.81	0.95	0.17	0.71	0.24	0.05
34	0.64	0.77	0.14	0.62	0.25	0.06
35	0.41	0.30	0.05	0.85	0.47	0.10
36	0.26	0.25	0.04	0.78	0.28	0.06
37	0.25	0.19	0.03	0.74	0.37	0.08
38	0.49	0.35	0.06	0.79	0.27	0.06
39	0.49	0.21	0.04	0.82	0.38	0.08
40	0.70	0.29	0.05	0.67	0.34	0.07
41	0.57	0.35	0.06	1.09	0.65	0.14
42	0.47	0.15	0.03	0.58	0.19	0.04
43	0.50	0.31	0.06	0.49	0.32	0.07
44	0.31	0.15	0.03	0.35	0.17	0.04
45	0.35	0.17	0.03	0.49	0.31	0.07
46	0.25	0.12	0.02	0.59	0.31	0.07
47	0.22	0.10	0.02	0.32	0.31	0.07
48	0.32	0.11	0.02	0.45	0.37	0.08
49	0.46	0.16	0.03	0.36	0.29	0.06
50	0.37	0.21	0.04	0.57	0.46	0.10
51	0.64	0.27	0.05	0.72	0.42	0.09
52	0.65	0.25	0.04	0.52	0.35	0.08
53	0.68	0.23	0.04	0.81	0.53	0.12
54	0.57	0.19	0.03	0.52	0.38	0.08
55	0.51	0.25	0.04	0.75	0.61	0.13
56	0.76	0.43	0.08	0.99	0.71	0.15
57	1.02	0.55	0.10	0.88	0.61	0.13
58	2.48	0.96	0.17	0.81	0.61	0.13
59	2.14	1.20	0.21	0.76	0.55	0.12
60	2.53	1.09	0.19	0.83	0.51	0.11
61	3.31	2.52	0.45	2.13	4.96	1.08
62	1.99	1.22	0.22	0.96	0.55	0.12
63	2.03	1.10	0.20	0.64	0.34	0.07
64	0.63	0.31	0.05	0.66	0.29	0.06
65	0.84	0.62	0.11	0.58	0.35	0.08
66	0.51	0.19	0.03	0.51	0.17	0.04
67	0.61	0.24	0.04	0.45	0.22	0.05
68	0.77	0.37	0.07	0.68	0.33	0.07
69	0.75	0.31	0.05	0.81	0.39	0.08
70	0.87	0.32	0.06	0.84	0.39	0.09
71	0.90	0.38	0.07	1.08	0.84	0.18
72	0.84	0.41	0.07	1.04	0.59	0.13
73	0.65	0.21	0.04	1.20	1.02	0.22
74	0.57	0.22	0.04	1.16	0.68	0.15
75	0.62	0.39	0.07	0.99	0.66	0.14
76	1.04	1.49	0.27	1.39	0.86	0.19
77	0.50	0.44	0.08	1.07	0.75	0.16
78	0.59	0.18	0.03	1.13	0.62	0.13
79	0.66	0.21	0.04	1.00	0.43	0.09
80	0.59	0.29	0.05	0.93	0.56	0.12

Yr	Total Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.10	0.08	0.01	0.19	0.12	0.03
2	0.46	0.25	0.04	0.60	0.25	0.05
3	0.48	0.26	0.05	0.62	0.26	0.06
4	0.56	0.27	0.05	0.74	0.31	0.07
5	0.57	0.29	0.05	0.76	0.30	0.07
6	0.60	0.25	0.04	0.89	0.28	0.06
7	0.61	0.28	0.05	0.86	0.28	0.06
8	0.73	0.23	0.04	0.93	0.39	0.08
9	0.90	0.21	0.04	1.08	0.46	0.10
10	0.89	0.21	0.04	1.07	0.43	0.09
11	1.07	0.29	0.05	1.34	0.59	0.13
12	1.05	0.22	0.04	1.23	0.61	0.13
13	0.94	0.43	0.08	1.18	0.55	0.12
14	1.03	0.71	0.13	1.24	0.42	0.09
15	1.13	0.58	0.10	1.32	0.47	0.10
16	1.24	0.64	0.11	1.42	0.34	0.07
17	0.99	0.36	0.06	1.28	0.43	0.09
18	1.22	0.58	0.10	1.40	0.62	0.14
19	1.28	0.45	0.08	1.51	0.94	0.20
20	1.14	0.33	0.06	1.91	1.02	0.22
21	1.20	0.42	0.07	2.11	1.03	0.22
22	1.22	0.51	0.09	1.62	0.59	0.13
23	0.88	0.50	0.09	1.62	0.67	0.15
24	0.96	0.42	0.07	1.44	0.59	0.13
25	1.11	0.42	0.07	1.51	0.84	0.18
26	1.23	0.74	0.13	1.55	0.75	0.16
27	1.04	0.40	0.07	1.43	0.77	0.17
28	2.58	0.92	0.16	1.55	0.86	0.19
29	3.29	0.93	0.16	1.67	0.86	0.19
30	2.68	0.92	0.16	1.80	0.91	0.20
31	3.70	2.46	0.44	3.05	4.94	1.07
32	2.65	0.86	0.15	1.71	0.85	0.18
33	2.44	0.73	0.13	1.72	0.60	0.13
34	1.41	1.24	0.22	1.51	0.56	0.12
35	1.07	0.54	0.10	1.69	0.73	0.16
36	0.97	0.46	0.08	1.65	0.43	0.09
37	0.94	0.42	0.07	1.71	0.69	0.15
38	1.14	0.57	0.10	1.78	0.56	0.12
39	1.19	0.31	0.05	1.76	0.62	0.13
40	1.40	0.50	0.09	1.65	0.71	0.15
41	1.33	0.47	0.08	2.19	0.86	0.19
42	1.19	0.27	0.05	1.62	0.50	0.11
43	1.21	0.57	0.10	1.40	0.47	0.10
44	1.01	0.36	0.06	1.23	0.37	0.08
45	1.18	0.63	0.11	1.39	0.66	0.14
46	0.97	0.39	0.07	1.56	0.62	0.14
47	0.86	0.34	0.06	1.20	0.63	0.14
48	0.99	0.35	0.06	1.35	0.68	0.15
49	1.39	0.65	0.12	1.37	0.71	0.15
50	1.08	0.40	0.07	1.55	0.86	0.19
51	1.56	0.48	0.09	1.94	0.87	0.19
52	1.37	0.34	0.06	1.52	0.79	0.17
53	1.32	0.43	0.08	1.74	0.95	0.21
54	1.22	0.30	0.05	1.42	0.73	0.16
55	1.28	0.29	0.05	1.71	0.98	0.21
56	1.49	0.65	0.12	1.93	0.99	0.21
57	1.78	0.73	0.13	1.85	0.92	0.20
58	3.16	0.87	0.15	1.78	0.98	0.21
59	2.96	0.89	0.16	1.81	0.94	0.20
60	3.20	1.01	0.18	1.85	0.88	0.19
61	4.04	2.63	0.47	3.13	5.15	1.12
62	2.66	1.07	0.19	1.98	0.85	0.18
63	2.79	0.87	0.16	1.57	0.63	0.14
64	1.32	0.41	0.07	1.57	0.52	0.11
65	1.54	0.77	0.14	1.47	0.53	0.11
66	1.16	0.29	0.05	1.48	0.47	0.10
67	1.27	0.27	0.05	1.38	0.56	0.12
68	1.40	0.40	0.07	1.51	0.55	0.12
69	1.43	0.24	0.04	1.72	0.67	0.14
70	1.52	0.34	0.06	1.86	0.80	0.17
71	1.61	0.58	0.10	2.15	1.21	0.26
72	1.51	0.61	0.11	2.05	0.99	0.21
73	1.32	0.52	0.09	2.17	1.31	0.28
74	1.32	0.67	0.12	2.05	0.94	0.20
75	1.36	0.69	0.12	1.86	1.00	0.22
76	1.82	1.68	0.30	2.31	0.98	0.21
77	1.18	0.62	0.11	1.95	1.01	0.22
78	1.25	0.39	0.07	2.01	0.90	0.20
79	1.52	0.37	0.07	2.01	0.87	0.19
80	1.35	0.39	0.07	1.92	0.95	0.21

Annual Required Maintenance

Yr	Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.07	0.08	0.02	0.22	0.12	0.04
2	0.52	0.26	0.08	0.62	0.19	0.06
3	0.53	0.26	0.08	0.66	0.22	0.07
4	0.63	0.27	0.08	0.71	0.24	0.08
5	0.64	0.26	0.07	0.78	0.28	0.09
6	0.67	0.31	0.09	0.82	0.28	0.09
7	0.68	0.32	0.09	0.82	0.25	0.08
8	0.77	0.29	0.08	0.93	0.26	0.09
9	0.80	0.36	0.11	0.88	0.29	0.10
10	0.75	0.29	0.08	0.88	0.28	0.09
11	0.81	0.35	0.10	0.96	0.28	0.10
12	0.75	0.34	0.10	0.86	0.30	0.10
13	0.79	0.38	0.11	0.89	0.29	0.10
14	0.78	0.56	0.16	0.87	0.28	0.09
15	0.78	0.31	0.09	0.97	0.24	0.08
16	1.15	0.40	0.11	0.94	0.29	0.10
17	0.76	0.33	0.10	0.87	0.28	0.09
18	0.72	0.52	0.15	0.87	0.28	0.09
19	0.71	0.28	0.08	0.89	0.31	0.10
20	0.72	0.33	0.10	0.96	0.35	0.12
21	1.10	0.36	0.10	1.00	0.27	0.09
22	0.73	0.26	0.08	0.93	0.22	0.08
23	0.63	0.29	0.09	0.92	0.33	0.11
24	0.66	0.33	0.10	0.90	0.29	0.10
25	0.86	0.45	0.13	0.96	0.34	0.11
26	1.33	0.60	0.17	0.98	0.31	0.10
27	0.70	0.32	0.09	0.84	0.28	0.09
28	0.77	0.30	0.09	0.91	0.33	0.11
29	0.88	0.53	0.15	0.96	0.24	0.08
30	0.71	0.29	0.08	0.88	0.29	0.10
31	1.16	0.39	0.11	0.92	0.30	0.10
32	0.73	0.31	0.09	0.84	0.25	0.08
33	0.79	0.37	0.11	0.79	0.24	0.08
34	0.75	0.53	0.15	0.81	0.27	0.09
35	0.68	0.35	0.10	0.84	0.27	0.09
36	0.78	0.32	0.09	0.95	0.24	0.08
37	0.74	0.35	0.10	0.93	0.31	0.10
38	0.71	0.29	0.08	0.93	0.32	0.11
39	0.64	0.29	0.08	0.83	0.27	0.09
40	0.68	0.30	0.09	0.85	0.32	0.11
41	0.98	0.45	0.13	0.89	0.33	0.11
42	0.74	0.23	0.07	0.87	0.20	0.07
43	0.71	0.29	0.08	0.91	0.28	0.09
44	0.67	0.31	0.09	0.88	0.31	0.10
45	0.76	0.53	0.15	0.90	0.32	0.11
46	0.85	0.36	0.10	0.88	0.32	0.11
47	1.06	0.42	0.12	0.92	0.24	0.08
48	0.73	0.34	0.10	0.89	0.30	0.10
49	0.95	0.65	0.19	0.90	0.21	0.07
50	0.80	0.33	0.10	0.92	0.32	0.11
51	1.13	0.77	0.22	0.93	0.32	0.11
52	1.00	0.27	0.08	0.93	0.29	0.10
53	0.69	0.31	0.09	0.89	0.30	0.10
54	0.69	0.32	0.09	0.85	0.28	0.09
55	0.76	0.31	0.09	0.95	0.33	0.11
56	0.74	0.30	0.09	0.98	0.27	0.09
57	0.85	0.34	0.10	0.93	0.26	0.09
58	0.67	0.30	0.09	0.90	0.30	0.10
59	0.74	0.55	0.16	0.87	0.27	0.09
60	0.74	0.33	0.10	0.90	0.30	0.10
61	1.35	0.43	0.12	0.94	0.33	0.11
62	0.72	0.27	0.08	0.92	0.20	0.07
63	0.69	0.54	0.16	0.85	0.19	0.06
64	0.79	0.27	0.08	0.91	0.28	0.09
65	0.74	0.31	0.09	0.90	0.33	0.11
66	0.70	0.31	0.09	0.89	0.30	0.10
67	0.70	0.32	0.09	0.87	0.33	0.11
68	0.73	0.29	0.08	0.86	0.29	0.10
69	0.74	0.31	0.09	0.85	0.28	0.09
70	0.71	0.34	0.10	0.86	0.24	0.08
71	0.85	0.36	0.10	0.92	0.24	0.08
72	0.76	0.32	0.09	0.81	0.26	0.09
73	0.87	0.44	0.13	0.92	0.30	0.10
74	0.74	0.56	0.16	0.86	0.27	0.09
75	0.68	0.32	0.09	0.87	0.29	0.10
76	1.19	0.42	0.12	0.92	0.27	0.09
77	0.92	0.25	0.07	0.87	0.19	0.06
78	0.77	0.26	0.08	0.88	0.31	0.10
79	0.73	0.53	0.15	0.83	0.30	0.10
80	0.70	0.27	0.08	0.87	0.29	0.10

Major Component Replacement

Yr	Perm Buildings Mean	Perm Buildings SDev	90% +/-	Temp Buildings Mean	Temp Buildings SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.14	0.12	0.03	0.01	0.05	0.02
6	0.02	0.02	0.01	0.01	0.09	0.03
7	0.02	0.02	0.01	0.03	0.05	0.02
8	0.03	0.03	0.01	0.04	0.05	0.02
9	0.57	0.60	0.17	0.15	0.14	0.05
10	0.06	0.07	0.02	0.11	0.11	0.04
11	0.46	0.63	0.18	0.29	0.51	0.17
12	0.16	0.13	0.04	0.34	0.24	0.08
13	0.30	0.16	0.05	0.15	0.10	0.03
14	0.16	0.11	0.03	0.70	0.89	0.30
15	0.53	0.77	0.22	0.78	0.60	0.20
16	0.22	0.20	0.06	0.52	0.60	0.20
17	0.71	0.57	0.17	0.19	0.23	0.08
18	0.16	0.16	0.05	0.82	0.83	0.28
19	0.99	0.80	0.23	0.77	0.36	0.12
20	0.21	0.20	0.06	0.78	0.92	0.31
21	0.99	0.65	0.19	0.95	0.70	0.24
22	0.22	0.25	0.07	0.64	0.49	0.16
23	0.20	0.17	0.05	0.35	0.44	0.15
24	0.18	0.09	0.03	0.16	0.09	0.03
25	0.72	0.60	0.17	0.38	0.40	0.13
26	0.23	0.24	0.07	0.44	0.41	0.14
27	0.31	0.19	0.05	1.10	2.12	0.71
28	0.42	0.67	0.19	0.54	0.53	0.18
29	1.15	1.55	0.45	0.38	0.23	0.08
30	0.50	0.84	0.24	1.36	1.04	0.35
31	4.47	5.25	1.52	0.90	1.56	0.52
32	0.98	0.93	0.27	0.68	0.49	0.16
33	0.81	0.57	0.17	0.73	0.55	0.19
34	0.29	0.19	0.05	0.78	0.43	0.14
35	0.24	0.22	0.06	0.56	0.55	0.18
36	0.26	0.19	0.05	1.10	0.84	0.28
37	0.52	0.48	0.14	0.49	0.34	0.11
38	0.94	0.74	0.21	0.77	0.45	0.15
39	0.27	0.16	0.05	0.80	0.54	0.18
40	0.35	0.34	0.10	1.14	1.23	0.41
41	1.55	0.87	0.25	1.05	1.03	0.35
42	0.57	0.39	0.11	0.89	0.93	0.31
43	0.48	0.63	0.18	0.50	0.43	0.14
44	0.26	0.29	0.08	0.55	0.49	0.16
45	0.32	0.17	0.05	0.41	0.27	0.09
46	0.25	0.18	0.05	0.32	0.48	0.16
47	0.22	0.16	0.05	0.28	0.28	0.10
48	0.19	0.12	0.03	0.29	0.27	0.09
49	0.79	0.61	0.18	0.40	0.25	0.08
50	0.23	0.13	0.04	0.38	0.33	0.11
51	0.82	0.82	0.24	0.74	0.68	0.23
52	0.33	0.18	0.05	0.43	0.39	0.13
53	0.43	0.22	0.06	1.02	1.58	0.53
54	0.28	0.20	0.06	0.78	0.71	0.24
55	0.48	0.37	0.11	0.51	0.38	0.13
56	1.02	0.77	0.22	0.74	0.64	0.22
57	1.49	1.55	0.45	1.13	0.60	0.20
58	0.42	0.74	0.22	0.92	0.78	0.26
59	0.49	0.61	0.18	1.66	1.09	0.37
60	0.42	0.80	0.23	0.73	0.53	0.18
61	4.88	5.42	1.57	1.50	3.03	1.02
62	0.65	0.76	0.22	1.10	2.10	0.70
63	0.68	0.54	0.16	0.59	0.48	0.16
64	0.25	0.21	0.06	0.56	0.48	0.16
65	0.76	0.60	0.17	0.69	0.50	0.17
66	0.22	0.15	0.04	1.00	1.69	0.57
67	0.21	0.19	0.05	0.57	0.40	0.14
68	0.26	0.15	0.04	0.80	0.76	0.26
69	0.50	0.22	0.06	0.84	0.66	0.22
70	0.26	0.20	0.06	0.77	0.51	0.17
71	1.01	1.00	0.29	0.68	0.69	0.23
72	0.33	0.36	0.10	1.28	0.90	0.30
73	1.65	1.39	0.40	1.12	0.65	0.22
74	0.99	0.74	0.22	0.59	0.47	0.16
75	0.29	0.22	0.06	1.54	1.16	0.39
76	1.93	1.77	0.51	0.91	0.90	0.30
77	0.46	0.23	0.07	0.77	0.55	0.18
78	0.41	0.26	0.08	1.12	0.63	0.21
79	0.44	0.32	0.09	1.03	0.85	0.28
80	0.32	0.17	0.05	0.79	0.47	0.16

Yr	Total Maintenance Pers Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.07	0.08	0.02	0.22	0.12	0.04
2	0.52	0.26	0.08	0.62	0.19	0.06
3	0.53	0.26	0.08	0.66	0.22	0.07
4	0.63	0.27	0.08	0.71	0.24	0.08
5	0.78	0.31	0.09	0.79	0.27	0.09
6	0.69	0.32	0.09	0.83	0.29	0.10
7	0.70	0.33	0.10	0.85	0.29	0.10
8	0.79	0.30	0.09	0.97	0.31	0.10
9	1.36	0.60	0.17	1.03	0.40	0.13
10	0.81	0.33	0.10	0.99	0.35	0.12
11	1.27	0.78	0.23	1.25	0.69	0.23
12	0.91	0.43	0.12	1.20	0.52	0.18
13	1.09	0.50	0.14	1.04	0.37	0.12
14	0.94	0.57	0.16	1.57	1.00	0.34
15	1.31	0.99	0.29	1.75	0.63	0.21
16	1.37	0.45	0.13	1.46	0.78	0.26
17	1.47	0.62	0.18	1.06	0.44	0.15
18	0.88	0.57	0.17	1.69	1.05	0.35
19	1.69	0.89	0.26	1.65	0.61	0.20
20	0.93	0.45	0.13	1.74	1.14	0.38
21	2.10	0.84	0.24	1.97	0.83	0.28
22	0.95	0.39	0.11	1.56	0.59	0.20
23	0.83	0.42	0.12	1.27	0.74	0.25
24	0.84	0.39	0.11	1.05	0.34	0.12
25	1.58	0.71	0.21	1.34	0.69	0.23
26	1.56	0.78	0.23	1.42	0.67	0.23
27	1.01	0.41	0.12	1.94	2.18	0.73
28	1.19	0.80	0.23	1.45	0.83	0.28
29	2.03	1.77	0.51	1.34	0.41	0.14
30	1.21	1.00	0.29	2.23	1.01	0.34
31	5.63	5.16	1.50	1.81	1.75	0.59
32	1.70	0.88	0.25	1.52	0.67	0.22
33	1.59	0.60	0.17	1.53	0.70	0.23
34	1.03	0.64	0.19	1.59	0.50	0.17
35	0.92	0.49	0.14	1.40	0.78	0.26
36	1.04	0.46	0.13	2.05	0.93	0.31
37	1.26	0.76	0.22	1.42	0.59	0.20
38	1.65	0.82	0.24	1.70	0.70	0.23
39	0.90	0.41	0.12	1.64	0.75	0.25
40	1.03	0.52	0.15	2.00	1.41	0.47
41	2.53	1.05	0.30	1.94	1.30	0.44
42	1.31	0.43	0.12	1.76	0.89	0.30
43	1.19	0.84	0.24	1.40	0.63	0.21
44	0.92	0.51	0.15	1.43	0.45	0.15
45	1.08	0.60	0.17	1.31	0.52	0.17
46	1.09	0.51	0.15	1.20	0.73	0.25
47	1.27	0.50	0.15	1.20	0.45	0.15
48	0.92	0.40	0.12	1.18	0.54	0.18
49	1.74	0.81	0.23	1.30	0.42	0.14
50	1.04	0.42	0.12	1.30	0.58	0.20
51	1.95	1.40	0.41	1.66	0.91	0.30
52	1.33	0.38	0.11	1.36	0.50	0.17
53	1.12	0.44	0.13	1.91	1.62	0.54
54	0.97	0.45	0.13	1.62	0.93	0.31
55	1.24	0.56	0.16	1.46	0.64	0.21
56	1.77	0.79	0.23	1.72	0.89	0.30
57	2.34	1.70	0.49	2.06	0.78	0.26
58	1.10	0.94	0.27	1.82	0.99	0.33
59	1.23	0.87	0.25	2.53	1.09	0.37
60	1.16	0.97	0.28	1.63	0.76	0.26
61	6.23	5.43	1.57	2.44	3.18	1.07
62	1.36	0.84	0.24	2.02	2.06	0.69
63	1.36	0.62	0.18	1.44	0.63	0.21
64	1.04	0.44	0.13	1.47	0.68	0.23
65	1.49	0.62	0.18	1.59	0.78	0.26
66	0.91	0.41	0.12	1.89	1.77	0.59
67	0.91	0.43	0.12	1.44	0.70	0.23
68	0.99	0.40	0.12	1.66	0.86	0.29
69	1.24	0.42	0.12	1.69	0.89	0.30
70	0.96	0.45	0.13	1.63	0.68	0.23
71	1.86	1.26	0.37	1.60	0.88	0.29
72	1.09	0.62	0.18	2.10	1.10	0.37
73	2.52	1.30	0.38	2.04	0.75	0.25
74	1.73	0.89	0.26	1.45	0.56	0.19
75	0.97	0.45	0.13	2.41	1.35	0.45
76	3.12	1.81	0.52	1.83	1.09	0.37
77	1.38	0.35	0.10	1.63	0.68	0.23
78	1.18	0.43	0.13	2.00	0.56	0.19
79	1.17	0.67	0.19	1.87	1.03	0.35
80	1.01	0.40	0.12	1.66	0.68	0.23

Annual Required Maintenance
All Buildings

Yr	Mean	SDev	90% +/-
1	0.47	0.31	0.12
2	1.16	0.58	0.23
3	1.19	0.58	0.23
4	1.24	0.59	0.24
5	1.24	0.58	0.23
6	1.31	0.57	0.23
7	1.30	0.56	0.22
8	1.36	0.58	0.23
9	1.43	0.50	0.20
10	1.33	0.58	0.23
11	1.36	0.57	0.22
12	1.38	0.60	0.24
13	1.35	0.59	0.23
14	1.36	0.62	0.24
15	1.39	0.60	0.24
16	1.49	0.54	0.22
17	1.44	0.48	0.19
18	1.38	0.69	0.27
19	1.37	0.55	0.22
20	1.50	0.76	0.30
21	1.37	0.58	0.23
22	1.27	0.59	0.24
23	1.35	0.59	0.24
24	1.37	0.55	0.22
25	1.44	0.56	0.22
26	1.55	0.54	0.21
27	1.38	0.63	0.25
28	1.40	0.62	0.25
29	1.52	0.77	0.31
30	1.37	0.60	0.24
31	1.47	0.49	0.19
32	1.36	0.62	0.24
33	1.45	0.54	0.22
34	1.37	0.58	0.23
35	1.33	0.60	0.24
36	1.31	0.59	0.23
37	1.41	0.70	0.28
38	1.35	0.55	0.22
39	1.30	0.60	0.24
40	1.32	0.60	0.24
41	1.43	0.49	0.19
42	1.34	0.66	0.26
43	1.31	0.59	0.24
44	1.34	0.65	0.26
45	1.50	0.66	0.26
46	1.67	0.66	0.26
47	1.37	0.61	0.24
48	1.45	0.57	0.23
49	1.46	0.54	0.22
50	1.34	0.60	0.24
51	1.54	0.56	0.22
52	1.38	0.59	0.23
53	1.40	0.60	0.24
54	1.47	0.74	0.29
55	1.39	0.63	0.25
56	1.41	0.55	0.22
57	1.43	0.52	0.21
58	1.35	0.64	0.25
59	1.35	0.61	0.24
60	1.30	0.59	0.23
61	1.45	0.50	0.20
62	1.40	0.73	0.29
63	1.27	0.62	0.24
64	1.31	0.58	0.23
65	1.38	0.48	0.19
66	1.34	0.61	0.24
67	1.37	0.58	0.23
68	1.36	0.60	0.24
69	1.33	0.59	0.23
70	1.39	0.64	0.25
71	1.61	0.61	0.24
72	1.38	0.60	0.24
73	1.50	0.58	0.23
74	1.36	0.63	0.25
75	1.41	0.61	0.24
76	1.49	0.50	0.20
77	1.34	0.61	0.24
78	1.32	0.57	0.23
79	1.35	0.66	0.26
80	1.31	0.56	0.22

Yr	Major Component Replacement All Buildings Mean	SDev	90% +/-
1	0.00	0.00	0.00
2	0.00	0.00	0.00
3	0.01	0.01	0.00
4	0.00	0.01	0.00
5	0.05	0.08	0.03
6	0.01	0.03	0.01
7	0.02	0.04	0.01
8	0.52	0.50	0.20
9	0.29	0.26	0.10
10	0.28	0.29	0.11
11	0.68	0.88	0.35
12	0.36	0.26	0.10
13	0.46	0.33	0.13
14	0.90	0.59	0.23
15	0.49	0.39	0.15
16	0.36	0.29	0.11
17	0.46	0.29	0.11
18	0.60	0.62	0.25
19	0.69	0.32	0.13
20	0.50	0.59	0.24
21	0.61	0.70	0.28
22	0.21	0.14	0.05
23	0.35	0.14	0.06
24	0.29	0.31	0.12
25	0.35	0.26	0.10
26	0.97	0.59	0.24
27	1.68	0.62	0.25
28	0.90	0.79	0.31
29	1.10	2.25	0.89
30	0.89	0.97	0.39
31	1.16	3.28	1.30
32	0.47	0.56	0.22
33	0.40	0.32	0.13
34	0.38	0.39	0.15
35	0.25	0.09	0.04
36	0.40	0.26	0.10
37	0.83	0.45	0.18
38	0.64	0.35	0.14
39	0.74	0.82	0.32
40	1.27	0.61	0.24
41	0.83	0.75	0.30
42	0.28	0.22	0.09
43	0.21	0.08	0.03
44	0.25	0.25	0.10
45	0.76	0.52	0.21
46	0.44	0.34	0.14
47	0.42	0.32	0.13
48	0.62	0.62	0.25
49	0.33	0.24	0.09
50	0.25	0.18	0.07
51	0.61	0.91	0.36
52	0.94	0.48	0.19
53	1.41	0.70	0.28
54	1.13	0.90	0.36
55	0.77	0.33	0.13
56	0.57	0.69	0.27
57	1.54	2.18	0.87
58	0.39	0.39	0.16
59	0.69	0.75	0.30
60	0.47	0.37	0.15
61	1.10	3.43	1.36
62	0.54	0.39	0.15
63	0.93	1.17	0.46
64	0.53	0.33	0.13
65	0.81	0.86	0.34
66	1.04	0.51	0.20
67	0.58	0.32	0.13
68	0.48	0.51	0.20
69	0.53	0.31	0.12
70	0.34	0.41	0.16
71	0.84	0.82	0.33
72	0.78	0.71	0.28
73	0.88	0.61	0.24
74	0.77	0.71	0.28
75	0.62	0.45	0.18
76	1.99	1.92	0.76
77	0.45	0.35	0.14
78	0.89	0.63	0.25
79	1.50	0.86	0.34
80	0.88	0.85	0.34

Total Maintenance

Yr	All Buildings Mean	SDev	90% +/-
1	0.47	0.31	0.12
2	1.16	0.58	0.23
3	1.19	0.58	0.23
4	1.24	0.59	0.24
5	1.29	0.55	0.22
6	1.32	0.57	0.23
7	1.31	0.56	0.22
8	1.88	0.89	0.35
9	1.72	0.66	0.26
10	1.61	0.79	0.32
11	2.04	1.19	0.47
12	1.74	0.76	0.30
13	1.81	0.82	0.32
14	2.26	0.60	0.24
15	1.88	0.86	0.34
16	1.85	0.54	0.22
17	1.89	0.61	0.24
18	1.98	1.13	0.45
19	2.06	0.55	0.22
20	2.00	1.00	0.40
21	1.98	1.11	0.44
22	1.48	0.66	0.26
23	1.70	0.55	0.22
24	1.66	0.68	0.27
25	1.79	0.55	0.22
26	2.52	1.03	0.41
27	3.06	0.85	0.34
28	2.30	1.31	0.52
29	2.62	2.28	0.90
30	2.25	1.35	0.54
31	2.63	3.21	1.27
32	1.82	0.83	0.33
33	1.84	0.61	0.24
34	1.75	0.70	0.28
35	1.58	0.61	0.24
36	1.72	0.81	0.32
37	2.24	0.86	0.34
38	1.99	0.69	0.27
39	2.05	1.19	0.47
40	2.59	0.65	0.26
41	2.25	1.01	0.40
42	1.62	0.67	0.27
43	1.52	0.63	0.25
44	1.59	0.68	0.27
45	2.26	0.95	0.38
46	2.10	0.93	0.37
47	1.79	0.84	0.33
48	2.08	1.02	0.40
49	1.79	0.52	0.20
50	1.58	0.68	0.27
51	2.15	1.21	0.48
52	2.32	1.02	0.40
53	2.80	0.78	0.31
54	2.60	1.42	0.56
55	2.17	0.77	0.30
56	1.98	0.92	0.37
57	2.97	2.23	0.89
58	1.74	0.80	0.32
59	2.04	0.94	0.37
60	1.77	0.63	0.25
61	2.55	3.53	1.40
62	1.94	1.02	0.40
63	2.19	1.49	0.59
64	1.84	0.82	0.32
65	2.19	1.09	0.43
66	2.38	0.72	0.28
67	1.95	0.75	0.30
68	1.84	0.91	0.36
69	1.86	0.85	0.34
70	1.73	0.80	0.32
71	2.45	1.06	0.42
72	2.16	1.13	0.45
73	2.38	0.72	0.29
74	2.13	0.99	0.39
75	2.03	0.96	0.38
76	3.48	1.65	0.65
77	1.79	0.70	0.28
78	2.21	1.16	0.46
79	2.86	0.71	0.28
80	2.19	1.18	0.47

Annual Required Maintenance

Yr	Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.26	0.18	0.03	0.36	0.17	0.04
2	0.64	0.28	0.05	0.80	0.31	0.07
3	0.67	0.29	0.05	0.83	0.31	0.07
4	0.77	0.28	0.05	0.96	0.30	0.07
5	0.75	0.28	0.05	0.98	0.30	0.07
6	0.81	0.32	0.05	1.03	0.29	0.07
7	0.84	0.34	0.05	1.03	0.29	0.07
8	0.87	0.32	0.05	1.10	0.30	0.07
9	0.94	0.33	0.05	1.15	0.28	0.07
10	0.86	0.31	0.05	1.13	0.30	0.07
11	0.91	0.35	0.06	1.12	0.26	0.06
12	1.03	0.39	0.06	1.15	0.36	0.08
13	0.99	0.29	0.05	1.12	0.31	0.07
14	0.99	0.39	0.06	1.13	0.35	0.08
15	1.05	0.36	0.06	1.16	0.32	0.08
16	1.06	0.43	0.07	1.17	0.33	0.08
17	0.98	0.32	0.05	1.10	0.34	0.08
18	1.04	0.41	0.07	1.15	0.40	0.09
19	0.99	0.34	0.05	1.15	0.30	0.07
20	0.94	0.28	0.05	1.27	0.45	0.10
21	0.95	0.29	0.05	1.16	0.32	0.08
22	0.85	0.27	0.04	1.12	0.29	0.07
23	0.89	0.35	0.06	1.20	0.26	0.06
24	0.88	0.26	0.04	1.17	0.29	0.07
25	0.91	0.33	0.05	1.17	0.29	0.07
26	0.97	0.36	0.06	1.11	0.27	0.06
27	1.03	0.40	0.06	1.12	0.32	0.07
28	1.04	0.31	0.05	1.16	0.31	0.07
29	1.08	0.40	0.06	1.26	0.47	0.11
30	1.02	0.29	0.05	1.18	0.35	0.08
31	1.07	0.46	0.07	1.10	0.35	0.08
32	0.96	0.30	0.05	1.14	0.34	0.08
33	1.06	0.42	0.07	1.14	0.33	0.08
34	0.93	0.31	0.05	1.11	0.33	0.08
35	0.84	0.33	0.05	1.01	0.31	0.07
36	0.82	0.29	0.05	1.07	0.29	0.07
37	0.87	0.31	0.05	1.22	0.39	0.09
38	0.81	0.30	0.05	1.15	0.29	0.07
39	0.82	0.33	0.05	1.09	0.31	0.07
40	0.87	0.30	0.05	1.07	0.29	0.07
41	0.87	0.32	0.05	1.09	0.29	0.07
42	0.96	0.39	0.06	1.13	0.38	0.09
43	1.00	0.36	0.06	1.14	0.28	0.06
44	1.03	0.39	0.06	1.12	0.33	0.08
45	0.98	0.30	0.05	1.18	0.41	0.10
46	1.09	0.43	0.07	1.24	0.48	0.11
47	1.07	0.40	0.06	1.14	0.32	0.07
48	1.10	0.40	0.06	1.18	0.37	0.08
49	1.05	0.33	0.05	1.21	0.34	0.08
50	0.91	0.28	0.04	1.14	0.34	0.08
51	0.99	0.38	0.06	1.14	0.26	0.06
52	0.92	0.33	0.05	1.19	0.28	0.07
53	0.90	0.31	0.05	1.13	0.32	0.07
54	0.91	0.32	0.05	1.17	0.42	0.10
55	0.92	0.32	0.05	1.16	0.30	0.07
56	0.90	0.30	0.05	1.16	0.29	0.07
57	1.08	0.40	0.06	1.14	0.33	0.08
58	0.97	0.28	0.04	1.19	0.32	0.07
59	0.99	0.37	0.06	1.08	0.33	0.08
60	1.03	0.34	0.05	1.08	0.32	0.07
61	1.01	0.44	0.07	1.09	0.36	0.08
62	0.90	0.28	0.05	1.18	0.43	0.10
63	0.97	0.38	0.06	1.11	0.34	0.08
64	0.91	0.29	0.05	1.08	0.32	0.07
65	0.87	0.31	0.05	1.05	0.29	0.07
66	0.86	0.31	0.05	1.15	0.29	0.07
67	0.91	0.37	0.06	1.15	0.28	0.07
68	0.91	0.34	0.05	1.07	0.28	0.06
69	0.89	0.30	0.05	1.10	0.25	0.06
70	0.89	0.30	0.05	1.19	0.30	0.07
71	0.96	0.38	0.06	1.27	0.39	0.09
72	1.03	0.42	0.07	1.11	0.31	0.07
73	1.04	0.33	0.05	1.18	0.32	0.07
74	1.03	0.38	0.06	1.15	0.37	0.09
75	1.00	0.34	0.06	1.13	0.32	0.08
76	1.09	0.45	0.07	1.10	0.36	0.08
77	0.98	0.32	0.05	1.08	0.34	0.08
78	0.98	0.33	0.05	1.05	0.34	0.08
79	0.95	0.33	0.05	1.10	0.36	0.08
80	0.86	0.30	0.05	1.08	0.32	0.08

Yr	Major Component Replacement Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.01	0.00	0.00	0.00	0.00
4	0.05	0.09	0.01	0.00	0.00	0.00
5	0.08	0.12	0.02	0.00	0.00	0.00
6	0.02	0.03	0.00	0.04	0.04	0.01
7	0.15	0.14	0.02	0.14	0.12	0.03
8	0.14	0.15	0.02	0.23	0.25	0.06
9	0.23	0.20	0.03	0.21	0.26	0.06
10	0.13	0.08	0.01	0.25	0.26	0.06
11	0.29	0.32	0.05	0.40	0.37	0.08
12	0.44	0.61	0.10	0.18	0.12	0.03
13	0.54	0.25	0.04	0.19	0.14	0.03
14	0.43	0.19	0.03	0.26	0.18	0.04
15	0.64	0.45	0.07	0.26	0.17	0.04
16	0.43	0.19	0.03	0.32	0.21	0.05
17	0.44	0.59	0.10	0.46	0.36	0.08
18	0.30	0.12	0.02	0.79	0.31	0.07
19	0.44	0.31	0.05	0.70	0.33	0.08
20	0.42	0.31	0.05	0.55	0.24	0.06
21	0.48	0.41	0.07	0.62	0.43	0.10
22	0.58	0.64	0.10	0.33	0.16	0.04
23	0.36	0.22	0.04	0.29	0.09	0.02
24	0.37	0.12	0.02	0.39	0.16	0.04
25	0.62	0.37	0.06	0.43	0.12	0.03
26	1.00	0.78	0.12	0.37	0.27	0.06
27	1.97	1.88	0.30	0.94	1.57	0.36
28	0.75	0.40	0.06	1.00	1.31	0.30
29	1.77	1.88	0.30	0.71	0.43	0.10
30	1.26	1.46	0.23	1.16	1.41	0.33
31	1.53	1.65	0.27	1.11	1.25	0.29
32	0.85	0.44	0.07	0.66	0.27	0.06
33	0.49	0.21	0.03	0.71	0.50	0.12
34	0.51	0.25	0.04	0.47	0.19	0.04
35	0.37	0.16	0.03	0.71	0.37	0.09
36	0.60	0.58	0.09	0.74	0.38	0.09
37	0.49	0.29	0.05	0.85	0.35	0.08
38	0.53	0.29	0.05	0.79	0.34	0.08
39	0.45	0.21	0.03	0.65	0.24	0.06
40	0.82	0.75	0.12	0.84	0.34	0.08
41	0.66	0.42	0.07	0.63	0.67	0.15
42	0.41	0.21	0.03	0.33	0.13	0.03
43	0.45	0.28	0.04	0.39	0.21	0.05
44	0.81	0.61	0.10	0.52	0.25	0.06
45	0.46	0.27	0.04	0.55	0.27	0.06
46	0.32	0.15	0.02	0.64	0.43	0.10
47	0.35	0.14	0.02	0.56	0.32	0.07
48	0.30	0.21	0.03	0.60	0.26	0.06
49	0.58	0.57	0.09	0.41	0.21	0.05
50	0.54	0.31	0.05	0.28	0.12	0.03
51	0.59	0.38	0.06	0.57	0.45	0.11
52	0.68	0.49	0.08	0.62	0.48	0.11
53	0.80	0.75	0.12	0.61	0.35	0.08
54	0.84	0.77	0.12	0.71	0.41	0.10
55	1.85	1.91	0.31	1.50	1.52	0.35
56	0.75	0.32	0.05	1.32	0.91	0.21
57	2.14	1.99	0.32	1.14	0.58	0.13
58	1.26	1.58	0.25	1.43	1.00	0.23
59	1.81	1.95	0.31	1.30	1.05	0.24
60	0.74	0.37	0.06	0.75	0.41	0.10
61	0.66	0.59	0.10	0.97	1.15	0.27
62	0.74	0.58	0.09	1.02	0.46	0.11
63	0.62	0.59	0.09	1.19	0.63	0.15
64	0.48	0.20	0.03	0.68	0.44	0.10
65	0.65	0.55	0.09	0.95	0.94	0.22
66	0.68	0.27	0.04	0.71	0.37	0.09
67	0.73	0.60	0.10	0.70	0.46	0.11
68	0.89	0.63	0.10	0.78	0.56	0.13
69	0.62	0.37	0.06	0.86	0.44	0.10
70	0.66	0.40	0.06	0.64	0.43	0.10
71	0.77	0.51	0.08	0.66	0.40	0.09
72	0.92	0.64	0.10	0.80	0.43	0.10
73	0.80	0.49	0.08	1.22	0.58	0.14
74	0.87	0.39	0.06	0.90	0.36	0.08
75	0.69	0.48	0.08	1.17	0.45	0.10
76	1.06	0.95	0.15	0.74	0.80	0.19
77	0.62	0.22	0.03	1.09	0.28	0.07
78	0.72	0.68	0.11	0.88	0.71	0.16
79	0.88	0.47	0.08	0.53	0.16	0.04
80	0.96	0.59	0.09	0.45	0.25	0.06

Yr	Total Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.26	0.18	0.03	0.36	0.17	0.04
2	0.64	0.28	0.05	0.80	0.31	0.07
3	0.67	0.29	0.05	0.83	0.31	0.07
4	0.82	0.34	0.06	0.96	0.30	0.07
5	0.83	0.34	0.06	0.98	0.30	0.07
6	0.83	0.33	0.05	1.07	0.28	0.06
7	0.99	0.45	0.07	1.17	0.28	0.06
8	1.01	0.38	0.06	1.32	0.51	0.12
9	1.16	0.42	0.07	1.36	0.50	0.12
10	0.99	0.35	0.06	1.39	0.52	0.12
11	1.20	0.52	0.08	1.52	0.54	0.13
12	1.48	0.92	0.15	1.33	0.41	0.09
13	1.53	0.47	0.08	1.31	0.33	0.08
14	1.42	0.47	0.08	1.39	0.36	0.08
15	1.69	0.56	0.09	1.42	0.28	0.07
16	1.49	0.51	0.08	1.49	0.36	0.08
17	1.42	0.69	0.11	1.56	0.53	0.12
18	1.34	0.49	0.08	1.94	0.58	0.14
19	1.43	0.54	0.09	1.84	0.53	0.12
20	1.36	0.54	0.09	1.82	0.39	0.09
21	1.42	0.58	0.09	1.77	0.71	0.17
22	1.43	0.82	0.13	1.45	0.33	0.08
23	1.25	0.42	0.07	1.49	0.29	0.07
24	1.25	0.35	0.06	1.56	0.40	0.09
25	1.53	0.53	0.08	1.60	0.33	0.08
26	1.96	0.99	0.16	1.49	0.32	0.07
27	3.00	2.04	0.33	2.05	1.81	0.42
28	1.79	0.53	0.09	2.16	1.57	0.36
29	2.84	2.15	0.35	1.97	0.82	0.19
30	2.27	1.38	0.22	2.34	1.67	0.39
31	2.60	1.97	0.32	2.21	1.47	0.34
32	1.82	0.64	0.10	1.80	0.49	0.11
33	1.55	0.52	0.08	1.90	0.55	0.13
34	1.44	0.41	0.07	1.58	0.48	0.11
35	1.21	0.39	0.06	1.72	0.45	0.11
36	1.42	0.70	0.11	1.81	0.53	0.12
37	1.36	0.54	0.09	2.07	0.64	0.15
38	1.34	0.51	0.08	1.94	0.54	0.13
39	1.27	0.39	0.06	1.74	0.41	0.09
40	1.69	0.90	0.15	1.91	0.39	0.09
41	1.53	0.55	0.09	1.72	0.78	0.18
42	1.36	0.38	0.06	1.46	0.45	0.10
43	1.44	0.42	0.07	1.53	0.35	0.08
44	1.83	0.90	0.14	1.64	0.36	0.08
45	1.44	0.49	0.08	1.73	0.57	0.13
46	1.41	0.48	0.08	1.88	0.82	0.19
47	1.42	0.47	0.08	1.71	0.53	0.12
48	1.40	0.57	0.09	1.78	0.53	0.12
49	1.63	0.72	0.12	1.63	0.50	0.12
50	1.45	0.47	0.08	1.42	0.36	0.08
51	1.57	0.57	0.09	1.71	0.50	0.12
52	1.61	0.70	0.11	1.80	0.63	0.15
53	1.69	0.84	0.13	1.74	0.62	0.14
54	1.75	0.92	0.15	1.88	0.68	0.16
55	2.77	2.12	0.34	2.67	1.72	0.40
56	1.64	0.52	0.08	2.48	1.16	0.27
57	3.22	2.29	0.37	2.28	0.86	0.20
58	2.23	1.53	0.25	2.61	1.26	0.29
59	2.79	2.15	0.35	2.39	1.31	0.30
60	1.76	0.63	0.10	1.83	0.53	0.12
61	1.67	0.92	0.15	2.06	1.31	0.30
62	1.64	0.72	0.12	2.20	0.83	0.19
63	1.60	0.82	0.13	2.31	0.85	0.20
64	1.39	0.38	0.06	1.76	0.71	0.16
65	1.51	0.64	0.10	2.01	0.94	0.22
66	1.54	0.37	0.06	1.86	0.55	0.13
67	1.64	0.81	0.13	1.85	0.59	0.14
68	1.79	0.80	0.13	1.85	0.70	0.16
69	1.51	0.53	0.09	1.96	0.64	0.15
70	1.55	0.61	0.10	1.83	0.58	0.14
71	1.73	0.57	0.09	1.93	0.71	0.17
72	1.95	0.96	0.15	1.92	0.65	0.15
73	1.83	0.62	0.10	2.39	0.69	0.16
74	1.90	0.58	0.09	2.05	0.64	0.15
75	1.70	0.63	0.10	2.30	0.58	0.13
76	2.16	1.23	0.20	1.84	0.81	0.19
77	1.60	0.40	0.06	2.16	0.39	0.09
78	1.69	0.83	0.13	1.93	0.80	0.19
79	1.83	0.57	0.09	1.62	0.43	0.10
80	1.82	0.74	0.12	1.73	0.41	0.10

Annual Required Maintenance

Yr	Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.28	0.21	0.07	0.12	0.04	0.04
2	0.70	0.33	0.10	0.36	0.12	0.10
3	0.74	0.33	0.11	0.40	0.13	0.11
4	0.82	0.39	0.13	0.42	0.15	0.12
5	0.84	0.40	0.13	0.43	0.16	0.13
6	1.16	0.50	0.16	0.47	0.15	0.12
7	1.16	0.50	0.16	0.44	0.16	0.14
8	1.23	0.50	0.16	0.48	0.19	0.16
9	1.32	0.55	0.18	0.54	0.17	0.14
10	1.21	0.50	0.16	0.56	0.20	0.16
11	1.28	0.53	0.17	0.53	0.26	0.21
12	1.29	0.40	0.13	0.56	0.13	0.11
13	1.59	0.60	0.19	0.54	0.13	0.11
14	1.23	0.40	0.13	0.51	0.18	0.15
15	1.29	0.43	0.14	0.60	0.12	0.10
16	1.18	0.33	0.11	0.54	0.25	0.20
17	1.49	0.58	0.19	0.49	0.17	0.14
18	1.16	0.27	0.09	0.60	0.10	0.08
19	1.21	0.38	0.12	0.66	0.15	0.12
20	1.13	0.38	0.12	0.59	0.14	0.12
21	0.98	0.52	0.17	0.57	0.28	0.23
22	1.06	0.50	0.16	0.54	0.11	0.09
23	0.92	0.48	0.15	0.51	0.21	0.18
24	1.17	0.51	0.17	0.51	0.22	0.18
25	1.04	0.47	0.15	0.53	0.17	0.14
26	1.46	0.45	0.14	0.53	0.22	0.18
27	1.32	0.42	0.14	0.46	0.16	0.14
28	1.66	0.61	0.20	0.58	0.14	0.11
29	1.30	0.40	0.13	0.60	0.12	0.10
30	1.29	0.40	0.13	0.61	0.12	0.10
31	1.38	0.43	0.14	0.54	0.33	0.27
32	1.57	0.60	0.19	0.56	0.14	0.12
33	1.31	0.45	0.14	0.53	0.14	0.12
34	1.30	0.48	0.15	0.53	0.18	0.15
35	1.25	0.41	0.13	0.46	0.15	0.13
36	1.06	0.42	0.13	0.42	0.14	0.11
37	1.09	0.43	0.14	0.50	0.13	0.11
38	1.06	0.40	0.13	0.55	0.24	0.19
39	1.05	0.42	0.14	0.53	0.11	0.09
40	1.12	0.34	0.11	0.52	0.12	0.10
41	1.00	0.49	0.16	0.56	0.29	0.24
42	1.07	0.43	0.14	0.54	0.14	0.12
43	1.32	0.67	0.21	0.55	0.16	0.13
44	1.05	0.43	0.14	0.46	0.16	0.13
45	1.03	0.42	0.14	0.55	0.21	0.17
46	1.37	0.44	0.14	0.61	0.26	0.22
47	1.68	0.48	0.16	0.49	0.16	0.13
48	1.47	0.50	0.16	0.66	0.14	0.11
49	1.58	0.41	0.13	0.61	0.10	0.08
50	1.28	0.46	0.15	0.56	0.12	0.10
51	1.43	0.50	0.16	0.57	0.31	0.26
52	1.28	0.49	0.16	0.58	0.19	0.16
53	1.29	0.51	0.16	0.53	0.17	0.14
54	1.23	0.48	0.15	0.48	0.14	0.11
55	1.32	0.51	0.16	0.50	0.17	0.14
56	1.22	0.35	0.11	0.56	0.20	0.17
57	1.16	0.35	0.11	0.52	0.15	0.13
58	1.40	0.62	0.20	0.52	0.12	0.10
59	1.10	0.31	0.10	0.44	0.15	0.12
60	1.16	0.29	0.09	0.56	0.13	0.10
61	0.95	0.35	0.11	0.52	0.29	0.24
62	1.23	0.71	0.23	0.49	0.15	0.12
63	0.89	0.38	0.12	0.50	0.13	0.11
64	0.93	0.41	0.13	0.46	0.17	0.14
65	1.00	0.38	0.12	0.53	0.21	0.17
66	1.23	0.50	0.16	0.52	0.21	0.17
67	1.42	0.45	0.14	0.49	0.17	0.14
68	1.30	0.38	0.12	0.45	0.15	0.12
69	1.40	0.38	0.12	0.55	0.11	0.09
70	1.25	0.50	0.16	0.55	0.14	0.11
71	1.37	0.63	0.20	0.60	0.31	0.25
72	1.36	0.34	0.11	0.50	0.16	0.13
73	1.74	0.52	0.17	0.48	0.15	0.12
74	1.37	0.40	0.13	0.53	0.13	0.11
75	1.36	0.47	0.15	0.58	0.15	0.13
76	1.26	0.35	0.11	0.53	0.24	0.19
77	1.40	0.59	0.19	0.49	0.11	0.09
78	1.10	0.32	0.10	0.46	0.15	0.12
79	1.10	0.33	0.11	0.53	0.12	0.10
80	1.06	0.39	0.13	0.59	0.23	0.19

Major Component Replacement

Yr	Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.01	0.00	0.00	0.00	0.00
4	0.01	0.01	0.00	0.01	0.00	0.00
5	0.03	0.04	0.01	0.05	0.09	0.07
6	0.12	0.19	0.06	0.01	0.00	0.00
7	0.15	0.18	0.06	0.01	0.00	0.00
8	0.32	0.37	0.12	0.02	0.02	0.02
9	0.22	0.20	0.06	0.06	0.08	0.07
10	0.22	0.15	0.05	0.03	0.01	0.01
11	0.31	0.16	0.05	0.07	0.01	0.01
12	0.31	0.17	0.05	0.08	0.05	0.04
13	0.64	0.30	0.10	0.08	0.10	0.08
14	0.41	0.21	0.07	0.29	0.56	0.46
15	0.72	0.44	0.14	0.13	0.62	0.51
16	0.51	0.35	0.11	0.09	0.03	0.03
17	0.38	0.19	0.06	0.15	0.15	0.12
18	0.56	0.31	0.10	0.10	0.01	0.01
19	0.59	0.44	0.14	0.09	0.03	0.02
20	0.84	0.61	0.20	0.12	0.02	0.02
21	0.57	0.37	0.12	0.30	0.28	0.23
22	0.53	0.20	0.06	0.13	0.03	0.03
23	0.60	0.37	0.12	0.11	0.04	0.04
24	0.45	0.21	0.07	0.17	0.35	0.29
25	0.76	0.43	0.14	0.22	0.10	0.08
26	1.20	0.45	0.14	0.96	0.15	0.12
27	0.79	0.33	0.11	4.09	0.91	0.75
28	1.34	0.68	0.22	0.09	0.04	0.03
29	3.80	5.15	1.65	4.92	1.55	1.28
30	0.89	0.48	0.15	0.33	0.06	0.05
31	1.44	1.16	0.37	3.78	1.00	0.82
32	0.56	0.31	0.10	0.92	0.31	0.26
33	0.88	0.59	0.19	0.24	0.38	0.32
34	0.53	0.30	0.10	0.34	0.09	0.07
35	0.85	0.56	0.18	0.14	0.06	0.05
36	0.63	0.42	0.13	0.17	0.03	0.03
37	0.80	0.67	0.22	0.20	0.13	0.11
38	0.92	0.64	0.20	0.18	0.10	0.08
39	0.91	0.21	0.07	0.16	0.01	0.01
40	1.12	0.87	0.28	0.50	0.57	0.47
41	0.92	0.28	0.09	0.25	0.35	0.29
42	0.41	0.31	0.10	0.15	0.34	0.28
43	0.43	0.24	0.08	0.15	0.27	0.22
44	0.44	0.19	0.06	0.12	0.00	0.00
45	0.72	0.30	0.10	0.17	0.18	0.15
46	0.54	0.39	0.13	0.16	0.05	0.04
47	0.64	0.31	0.10	0.06	0.02	0.02
48	0.63	0.33	0.11	0.08	0.01	0.01
49	0.61	0.38	0.12	0.09	0.10	0.08
50	0.60	0.29	0.09	0.16	0.03	0.02
51	0.78	0.43	0.14	0.26	0.51	0.42
52	1.41	0.39	0.13	0.13	0.03	0.03
53	0.95	0.33	0.11	0.47	0.90	0.74
54	1.37	0.57	0.18	3.55	1.46	1.20
55	1.34	0.94	0.30	3.54	1.48	1.22
56	0.89	0.56	0.18	0.13	0.00	0.00
57	3.92	5.20	1.67	5.28	1.37	1.13
58	0.96	0.55	0.18	0.17	0.01	0.01
59	1.70	1.22	0.39	4.40	1.81	1.49
60	0.97	0.40	0.13	3.74	1.56	1.29
61	1.03	1.07	0.34	1.72	3.76	3.10
62	0.81	0.62	0.20	0.16	0.02	0.01
63	1.07	0.75	0.24	0.11	0.03	0.02
64	0.59	0.42	0.13	0.39	0.01	0.01
65	1.16	0.53	0.17	0.21	0.11	0.09
66	0.62	0.38	0.12	0.33	0.59	0.49
67	0.94	0.39	0.13	2.91	1.12	0.92
68	0.60	0.33	0.11	0.39	0.06	0.05
69	0.90	0.55	0.18	0.37	0.35	0.29
70	0.62	0.27	0.09	0.34	0.03	0.02
71	0.92	0.61	0.19	0.50	0.48	0.40
72	0.93	0.22	0.07	0.37	0.09	0.07
73	1.02	0.47	0.15	0.38	0.15	0.12
74	0.82	0.44	0.14	0.36	0.06	0.05
75	0.92	0.49	0.16	0.41	0.08	0.07
76	1.59	1.52	0.49	1.85	1.12	0.92
77	0.85	0.26	0.08	0.41	0.04	0.03
78	1.32	0.43	0.14	0.35	0.06	0.05
79	1.43	0.84	0.27	0.83	0.78	0.64
80	1.26	0.45	0.14	0.45	0.08	0.06

Yr	Total Maintenance Pers Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.28	0.21	0.07	0.12	0.04	0.04
2	0.70	0.33	0.10	0.36	0.12	0.10
3	0.75	0.33	0.11	0.40	0.13	0.11
4	0.83	0.39	0.13	0.43	0.15	0.12
5	0.86	0.38	0.12	0.49	0.24	0.20
6	1.28	0.63	0.20	0.48	0.14	0.12
7	1.30	0.61	0.19	0.45	0.16	0.13
8	1.54	0.74	0.24	0.50	0.21	0.18
9	1.54	0.66	0.21	0.61	0.25	0.21
10	1.43	0.58	0.19	0.59	0.20	0.17
11	1.60	0.65	0.21	0.60	0.26	0.22
12	1.59	0.47	0.15	0.64	0.18	0.15
13	2.24	0.72	0.23	0.62	0.22	0.18
14	1.64	0.45	0.15	0.80	0.72	0.60
15	2.02	0.53	0.17	0.73	0.69	0.57
16	1.69	0.59	0.19	0.63	0.28	0.23
17	1.87	0.54	0.17	0.65	0.31	0.26
18	1.71	0.50	0.16	0.71	0.09	0.08
19	1.81	0.69	0.22	0.75	0.17	0.14
20	1.97	0.86	0.28	0.72	0.13	0.11
21	1.55	0.67	0.22	0.87	0.55	0.46
22	1.59	0.41	0.13	0.67	0.12	0.10
23	1.52	0.49	0.16	0.62	0.25	0.21
24	1.62	0.63	0.20	0.68	0.54	0.44
25	1.80	0.62	0.20	0.75	0.26	0.21
26	2.66	0.68	0.22	1.49	0.11	0.09
27	2.11	0.61	0.20	4.55	0.74	0.61
28	3.00	1.14	0.37	0.67	0.18	0.14
29	5.10	5.38	1.73	5.52	1.54	1.27
30	2.18	0.83	0.27	0.94	0.06	0.05
31	2.83	1.52	0.49	4.32	0.67	0.56
32	2.13	0.62	0.20	1.47	0.18	0.14
33	2.19	0.89	0.29	0.77	0.49	0.40
34	1.83	0.72	0.23	0.87	0.13	0.11
35	2.10	0.91	0.29	0.60	0.20	0.17
36	1.69	0.72	0.23	0.59	0.16	0.14
37	1.88	0.90	0.29	0.70	0.25	0.21
38	1.97	0.84	0.27	0.73	0.31	0.26
39	1.96	0.39	0.13	0.69	0.12	0.10
40	2.24	0.97	0.31	1.02	0.67	0.55
41	1.92	0.49	0.16	0.81	0.65	0.53
42	1.48	0.56	0.18	0.69	0.42	0.35
43	1.75	0.64	0.21	0.70	0.36	0.30
44	1.49	0.51	0.16	0.58	0.16	0.13
45	1.76	0.53	0.17	0.71	0.38	0.31
46	1.90	0.80	0.26	0.77	0.21	0.17
47	2.32	0.56	0.18	0.55	0.18	0.15
48	2.10	0.76	0.25	0.74	0.14	0.11
49	2.19	0.72	0.23	0.71	0.18	0.15
50	1.88	0.72	0.23	0.72	0.09	0.07
51	2.21	0.85	0.27	0.83	0.77	0.63
52	2.68	0.78	0.25	0.71	0.21	0.18
53	2.24	0.59	0.19	1.01	1.06	0.87
54	2.60	0.84	0.27	4.03	1.32	1.09
55	2.66	1.36	0.44	4.05	1.31	1.08
56	2.11	0.84	0.27	0.69	0.21	0.17
57	5.08	5.30	1.70	5.80	1.37	1.13
58	2.36	0.87	0.28	0.69	0.12	0.09
59	2.79	1.48	0.48	4.84	1.66	1.37
60	2.12	0.53	0.17	4.30	1.44	1.19
61	1.98	1.18	0.38	2.24	4.02	3.32
62	2.04	0.94	0.30	0.65	0.15	0.12
63	1.96	0.95	0.30	0.61	0.15	0.13
64	1.52	0.53	0.17	0.86	0.18	0.15
65	2.16	0.75	0.24	0.74	0.32	0.26
66	1.85	0.60	0.19	0.85	0.74	0.61
67	2.36	0.66	0.21	3.40	0.96	0.80
68	1.90	0.60	0.19	0.85	0.18	0.14
69	2.30	0.87	0.28	0.92	0.43	0.35
70	1.86	0.67	0.21	0.89	0.11	0.09
71	2.29	1.17	0.38	1.10	0.63	0.52
72	2.29	0.50	0.16	0.87	0.09	0.07
73	2.77	0.64	0.21	0.87	0.28	0.23
74	2.19	0.73	0.24	0.89	0.08	0.06
75	2.28	0.87	0.28	0.99	0.10	0.08
76	2.85	1.67	0.54	2.39	1.36	1.12
77	2.25	0.55	0.18	0.90	0.15	0.12
78	2.42	0.45	0.15	0.82	0.10	0.08
79	2.54	0.89	0.29	1.36	0.90	0.74
80	2.32	0.56	0.18	1.04	0.23	0.19

Annual Required Maintenance

Yr	Pers Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.31	0.28	0.17	0.25	0.02	0.02
2	1.77	0.15	0.09	0.65	0.04	0.04
3	1.77	0.15	0.09	0.66	0.04	0.04
4	1.88	0.16	0.10	0.84	0.08	0.08
5	1.84	0.16	0.10	0.99	0.10	0.10
6	2.04	0.20	0.12	0.83	0.13	0.12
7	2.04	0.21	0.13	0.88	0.01	0.01
8	2.04	0.22	0.13	0.89	0.14	0.13
9	2.31	0.30	0.18	1.18	0.22	0.21
10	2.09	0.19	0.12	0.96	0.01	0.01
11	2.16	0.24	0.15	1.13	0.17	0.16
12	2.06	0.20	0.13	0.96	0.05	0.05
13	2.07	0.21	0.13	1.07	0.30	0.29
14	2.09	0.21	0.13	0.98	0.03	0.03
15	2.07	0.20	0.12	1.01	0.18	0.17
16	2.44	0.35	0.21	0.99	0.01	0.01
17	2.26	0.27	0.16	1.23	0.23	0.22
18	1.95	0.16	0.10	0.87	0.12	0.11
19	2.02	0.19	0.12	1.11	0.04	0.03
20	2.01	0.18	0.11	0.97	0.06	0.06
21	2.51	0.33	0.20	1.11	0.14	0.13
22	1.87	0.16	0.10	1.10	0.05	0.05
23	1.86	0.16	0.10	1.09	0.33	0.31
24	1.92	0.13	0.08	1.35	0.00	0.00
25	2.27	0.27	0.17	1.03	0.02	0.02
26	3.94	1.11	0.69	1.00	0.09	0.09
27	2.10	0.21	0.13	1.01	0.11	0.10
28	2.07	0.22	0.13	1.10	0.25	0.24
29	2.09	0.19	0.12	1.09	0.21	0.20
30	2.07	0.21	0.13	0.94	0.04	0.04
31	2.53	0.40	0.24	0.95	0.02	0.02
32	2.07	0.20	0.12	1.19	0.14	0.13
33	2.29	0.29	0.18	1.05	0.22	0.21
34	2.05	0.19	0.12	0.91	0.16	0.15
35	1.98	0.19	0.12	1.08	0.06	0.05
36	2.00	0.19	0.12	0.92	0.05	0.05
37	1.99	0.19	0.11	0.97	0.09	0.08
38	1.93	0.15	0.09	1.05	0.06	0.06
39	1.94	0.17	0.11	1.11	0.06	0.06
40	1.97	0.18	0.11	0.91	0.06	0.06
41	2.72	0.44	0.27	1.04	0.15	0.14
42	1.86	0.15	0.09	1.12	0.08	0.08
43	1.91	0.15	0.10	1.05	0.33	0.31
44	1.95	0.18	0.11	1.02	0.08	0.08
45	1.95	0.17	0.10	1.22	0.08	0.08
46	2.55	0.36	0.23	0.94	0.06	0.06
47	2.10	0.20	0.12	1.12	0.28	0.27
48	2.05	0.21	0.13	0.96	0.06	0.06
49	2.41	0.32	0.20	1.12	0.25	0.24
50	2.07	0.21	0.13	1.05	0.18	0.17
51	4.05	1.15	0.71	1.14	0.23	0.22
52	2.02	0.16	0.10	1.02	0.00	0.00
53	2.04	0.21	0.13	1.05	0.09	0.08
54	2.05	0.21	0.13	0.95	0.21	0.20
55	2.04	0.19	0.12	0.98	0.02	0.02
56	2.04	0.18	0.11	1.03	0.05	0.05
57	2.28	0.27	0.17	1.01	0.08	0.08
58	1.93	0.17	0.11	1.12	0.26	0.24
59	1.95	0.17	0.10	0.96	0.06	0.06
60	2.01	0.18	0.11	1.07	0.14	0.13
61	2.89	0.53	0.33	0.91	0.04	0.04
62	1.86	0.16	0.10	1.11	0.21	0.20
63	1.87	0.17	0.11	1.04	0.10	0.10
64	1.97	0.18	0.11	0.87	0.10	0.09
65	2.14	0.23	0.14	1.19	0.02	0.02
66	2.07	0.16	0.10	1.11	0.02	0.02
67	2.10	0.23	0.14	1.06	0.19	0.18
68	2.05	0.22	0.14	0.99	0.13	0.12
69	2.10	0.22	0.14	1.02	0.20	0.19
70	2.04	0.20	0.12	0.89	0.09	0.09
71	2.13	0.23	0.14	1.03	0.17	0.16
72	2.03	0.20	0.12	1.00	0.03	0.02
73	2.38	0.31	0.19	1.18	0.05	0.05
74	2.05	0.18	0.11	0.88	0.13	0.13
75	2.01	0.21	0.13	0.98	0.16	0.16
76	2.53	0.40	0.25	1.04	0.04	0.04
77	2.01	0.18	0.11	1.21	0.28	0.27
78	1.94	0.18	0.11	0.87	0.02	0.02
79	1.99	0.19	0.11	1.04	0.14	0.14
80	1.98	0.15	0.09	1.19	0.18	0.17

Major Component Replacement

Yr	Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.02	0.01	0.01	0.00	0.00	0.00
5	0.23	0.12	0.07	0.00	0.00	0.00
6	0.06	0.03	0.02	0.00	0.00	0.00
7	0.05	0.03	0.02	0.00	0.00	0.00
8	0.05	0.03	0.02	0.26	0.26	0.24
9	0.41	0.19	0.12	0.06	0.05	0.05
10	0.14	0.10	0.06	0.27	0.26	0.24
11	5.04	2.40	1.49	0.08	0.07	0.07
12	0.16	0.06	0.04	0.07	0.01	0.01
13	0.41	0.16	0.10	0.28	0.16	0.15
14	0.16	0.04	0.02	0.03	0.02	0.02
15	0.23	0.15	0.09	0.39	0.31	0.30
16	0.30	0.11	0.07	0.08	0.05	0.05
17	0.56	0.25	0.16	0.04	0.02	0.02
18	0.29	0.10	0.06	0.79	0.36	0.34
19	0.53	0.24	0.15	0.12	0.03	0.03
20	0.22	0.08	0.05	0.78	0.31	0.30
21	5.55	2.65	1.64	0.09	0.06	0.06
22	0.26	0.11	0.07	1.32	0.25	0.24
23	0.39	0.13	0.08	0.11	0.07	0.07
24	0.31	0.13	0.08	0.09	0.02	0.02
25	0.84	0.40	0.25	0.46	0.30	0.29
26	0.65	0.55	0.34	0.06	0.02	0.02
27	0.89	0.46	0.28	0.93	0.41	0.39
28	0.26	0.08	0.05	0.78	0.77	0.73
29	1.55	2.51	1.56	0.31	0.11	0.11
30	0.94	0.47	0.29	1.17	1.14	1.09
31	7.58	3.13	1.94	0.19	0.17	0.16
32	0.41	0.12	0.07	0.67	0.02	0.02
33	0.78	0.34	0.21	0.33	0.22	0.21
34	0.36	0.09	0.06	0.30	0.12	0.11
35	0.52	0.20	0.13	0.22	0.13	0.12
36	0.47	0.18	0.11	0.73	0.70	0.66
37	0.84	0.36	0.22	0.18	0.02	0.02
38	0.46	0.22	0.14	0.21	0.11	0.10
39	0.44	0.14	0.09	2.29	1.42	1.35
40	0.43	0.16	0.10	1.36	0.51	0.48
41	6.08	2.89	1.79	0.33	0.11	0.11
42	0.29	0.12	0.08	0.11	0.03	0.03
43	0.27	0.15	0.10	0.55	0.34	0.33
44	0.28	0.12	0.07	1.29	1.10	1.05
45	0.50	0.23	0.14	0.23	0.19	0.18
46	0.31	0.14	0.08	0.63	0.14	0.13
47	0.30	0.13	0.08	0.72	0.53	0.51
48	0.26	0.11	0.07	0.24	0.01	0.01
49	0.82	0.38	0.24	0.25	0.00	0.00
50	0.36	0.11	0.07	0.35	0.18	0.18
51	5.43	2.57	1.59	0.25	0.06	0.06
52	0.40	0.13	0.08	0.16	0.01	0.01
53	0.61	0.27	0.17	1.04	0.69	0.65
54	0.82	0.54	0.34	0.22	0.06	0.05
55	0.97	0.58	0.36	4.52	0.99	0.94
56	0.48	0.14	0.08	0.40	0.22	0.21
57	1.82	2.32	1.44	0.41	0.24	0.23
58	0.73	0.54	0.34	1.22	1.18	1.12
59	1.07	0.48	0.30	0.21	0.07	0.06
60	0.47	0.15	0.09	1.35	0.46	0.44
61	7.58	3.73	2.31	0.68	0.47	0.45
62	0.44	0.10	0.06	0.09	0.01	0.01
63	0.33	0.13	0.08	1.39	0.19	0.18
64	0.54	0.18	0.11	0.45	0.29	0.28
65	0.71	0.20	0.13	2.34	1.84	1.75
66	0.43	0.18	0.11	0.19	0.11	0.11
67	0.39	0.11	0.07	0.37	0.28	0.26
68	0.47	0.14	0.08	0.22	0.03	0.03
69	0.56	0.23	0.14	0.36	0.13	0.12
70	0.40	0.09	0.06	0.39	0.16	0.15
71	5.74	2.72	1.69	0.50	0.41	0.39
72	0.38	0.11	0.07	0.66	0.58	0.55
73	0.97	0.38	0.23	0.69	0.23	0.22
74	0.44	0.14	0.09	0.72	0.08	0.08
75	0.40	0.09	0.06	0.48	0.20	0.19
76	4.36	1.79	1.11	0.26	0.01	0.01
77	0.64	0.24	0.15	0.54	0.30	0.29
78	0.41	0.11	0.07	1.62	0.24	0.23
79	0.75	0.31	0.19	0.54	0.30	0.28
80	0.46	0.12	0.07	2.69	1.21	1.15

Total Maintenance

Yr	Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.31	0.28	0.17	0.25	0.02	0.02
2	1.77	0.15	0.09	0.65	0.04	0.04
3	1.77	0.15	0.09	0.66	0.05	0.04
4	1.89	0.17	0.10	0.85	0.08	0.08
5	2.07	0.23	0.14	1.00	0.11	0.10
6	2.10	0.22	0.14	0.84	0.13	0.13
7	2.09	0.23	0.14	0.88	0.01	0.01
8	2.09	0.24	0.15	1.15	0.39	0.38
9	2.72	0.48	0.30	1.23	0.27	0.25
10	2.23	0.24	0.15	1.23	0.25	0.24
11	7.20	2.57	1.59	1.21	0.25	0.23
12	2.22	0.25	0.15	1.03	0.04	0.04
13	2.49	0.36	0.22	1.35	0.15	0.14
14	2.25	0.24	0.15	1.01	0.05	0.05
15	2.30	0.20	0.12	1.40	0.49	0.46
16	2.73	0.45	0.28	1.06	0.05	0.04
17	2.82	0.50	0.31	1.28	0.26	0.24
18	2.24	0.22	0.14	1.66	0.48	0.46
19	2.55	0.41	0.25	1.23	0.07	0.06
20	2.22	0.24	0.15	1.75	0.25	0.24
21	8.05	2.96	1.84	1.21	0.20	0.19
22	2.13	0.23	0.15	2.42	0.30	0.29
23	2.25	0.25	0.16	1.20	0.39	0.37
24	2.23	0.24	0.15	1.44	0.02	0.02
25	3.11	0.65	0.40	1.50	0.28	0.27
26	4.59	0.74	0.46	1.06	0.12	0.11
27	3.00	0.41	0.25	1.94	0.52	0.49
28	2.33	0.27	0.17	1.89	1.02	0.97
29	3.64	2.48	1.54	1.40	0.10	0.09
30	3.00	0.43	0.26	2.11	1.18	1.12
31	10.10	3.34	2.07	1.14	0.19	0.18
32	2.48	0.30	0.18	1.86	0.16	0.15
33	3.07	0.59	0.37	1.37	0.43	0.41
34	2.42	0.27	0.16	1.21	0.04	0.04
35	2.49	0.37	0.23	1.30	0.19	0.18
36	2.46	0.33	0.21	1.65	0.75	0.71
37	2.82	0.51	0.31	1.14	0.11	0.10
38	2.39	0.35	0.22	1.26	0.17	0.16
39	2.37	0.29	0.18	3.41	1.36	1.30
40	2.40	0.31	0.19	2.27	0.44	0.42
41	8.79	3.31	2.05	1.37	0.03	0.03
42	2.16	0.22	0.14	1.23	0.11	0.10
43	2.18	0.17	0.11	1.60	0.67	0.64
44	2.23	0.27	0.17	2.31	1.18	1.12
45	2.45	0.36	0.22	1.45	0.27	0.26
46	2.85	0.49	0.31	1.57	0.20	0.19
47	2.41	0.29	0.18	1.84	0.82	0.78
48	2.31	0.29	0.18	1.20	0.07	0.07
49	3.24	0.68	0.42	1.37	0.25	0.24
50	2.43	0.30	0.18	1.41	0.36	0.35
51	9.49	3.65	2.26	1.39	0.17	0.16
52	2.42	0.28	0.17	1.18	0.02	0.02
53	2.65	0.44	0.27	2.10	0.77	0.74
54	2.87	0.48	0.29	1.17	0.27	0.26
55	3.01	0.49	0.30	5.50	1.00	0.95
56	2.51	0.31	0.19	1.42	0.17	0.16
57	4.10	2.34	1.45	1.42	0.33	0.31
58	2.66	0.50	0.31	2.34	1.43	1.36
59	3.02	0.48	0.29	1.17	0.13	0.12
60	2.48	0.29	0.18	2.41	0.33	0.31
61	10.50	4.17	2.59	1.59	0.43	0.41
62	2.30	0.25	0.15	1.19	0.22	0.21
63	2.19	0.27	0.16	2.44	0.29	0.27
64	2.52	0.34	0.21	1.32	0.39	0.37
65	2.85	0.39	0.24	3.53	1.82	1.73
66	2.50	0.32	0.20	1.30	0.14	0.13
67	2.48	0.32	0.20	1.43	0.46	0.44
68	2.52	0.34	0.21	1.20	0.16	0.15
69	2.66	0.43	0.26	1.38	0.07	0.07
70	2.44	0.27	0.17	1.28	0.25	0.24
71	7.87	2.86	1.77	1.53	0.58	0.55
72	2.41	0.28	0.18	1.66	0.60	0.57
73	3.35	0.68	0.42	1.87	0.28	0.27
74	2.50	0.29	0.18	1.59	0.22	0.21
75	2.41	0.19	0.12	1.46	0.37	0.35
76	6.89	2.16	1.34	1.30	0.03	0.03
77	2.66	0.39	0.24	1.75	0.59	0.56
78	2.35	0.25	0.15	2.49	0.26	0.25
79	2.74	0.45	0.28	1.58	0.44	0.42
80	2.44	0.26	0.16	3.88	1.38	1.31

	Annual Required Maintenance					
	Pere Buildings		90%	Temp Buildings		90%
Yr	Mean	SDev	+/-	Mean	SDev	+/-
1	0.13	0.09	0.06	0.17	0.09	0.05
2	0.85	0.42	0.31	0.68	0.19	0.11
3	0.91	0.45	0.33	0.71	0.19	0.10
4	0.91	0.44	0.32	0.77	0.23	0.12
5	0.96	0.47	0.34	0.80	0.22	0.12
6	1.00	0.49	0.36	0.83	0.22	0.12
7	1.06	0.52	0.38	0.84	0.23	0.13
8	1.04	0.48	0.35	0.93	0.22	0.12
9	1.19	0.57	0.42	0.99	0.27	0.15
10	1.10	0.54	0.39	0.89	0.25	0.13
11	1.22	0.64	0.47	1.03	0.33	0.18
12	1.05	0.50	0.37	0.89	0.22	0.12
13	1.13	0.58	0.42	0.94	0.24	0.13
14	1.08	0.52	0.38	0.85	0.23	0.13
15	1.11	0.52	0.38	0.98	0.18	0.10
16	1.13	0.52	0.38	0.97	0.27	0.15
17	1.18	0.56	0.41	0.90	0.25	0.13
18	0.99	0.48	0.35	0.85	0.19	0.11
19	1.23	0.60	0.44	0.95	0.20	0.11
20	1.09	0.53	0.39	0.87	0.22	0.12
21	1.37	0.65	0.48	1.22	0.50	0.27
22	0.98	0.45	0.33	0.94	0.21	0.11
23	0.99	0.48	0.35	0.94	0.21	0.12
24	1.21	0.62	0.46	0.85	0.22	0.12
25	1.18	0.66	0.48	0.94	0.32	0.17
26	1.45	0.52	0.38	1.05	0.33	0.18
27	1.07	0.51	0.37	0.89	0.23	0.13
28	1.06	0.49	0.36	0.92	0.22	0.12
29	1.06	0.49	0.36	0.96	0.19	0.10
30	1.02	0.49	0.36	0.85	0.21	0.12
31	1.25	0.65	0.48	1.08	0.34	0.18
32	1.03	0.50	0.37	0.91	0.22	0.12
33	1.19	0.61	0.45	0.89	0.24	0.13
34	1.08	0.53	0.39	0.86	0.23	0.13
35	1.02	0.54	0.40	0.84	0.21	0.12
36	1.04	0.48	0.35	0.95	0.21	0.12
37	1.05	0.51	0.37	0.89	0.21	0.11
38	1.19	0.58	0.43	0.89	0.22	0.12
39	0.96	0.45	0.33	0.90	0.23	0.13
40	1.02	0.47	0.35	0.82	0.22	0.12
41	1.35	0.70	0.51	1.00	0.42	0.23
42	0.98	0.39	0.28	0.96	0.36	0.20
43	1.03	0.51	0.37	0.98	0.20	0.11
44	0.98	0.45	0.33	0.85	0.21	0.11
45	1.01	0.55	0.40	0.83	0.22	0.12
46	1.27	0.64	0.47	0.90	0.32	0.18
47	1.03	0.44	0.32	0.97	0.17	0.09
48	1.22	0.59	0.44	0.84	0.21	0.11
49	1.20	0.47	0.46	0.97	0.23	0.13
50	1.08	0.49	0.36	0.72	0.25	0.15
51	1.44	0.80	0.58	1.11	0.54	0.29
52	1.27	0.40	0.29	0.98	0.25	0.13
53	1.05	0.52	0.38	0.91	0.23	0.13
54	1.05	0.48	0.35	0.86	0.21	0.11
55	1.12	0.62	0.46	0.97	0.27	0.15
56	1.12	0.52	0.38	0.89	0.22	0.12
57	1.26	0.58	0.43	0.94	0.26	0.14
58	0.98	0.47	0.34	0.97	0.20	0.11
59	1.05	0.50	0.37	0.92	0.24	0.13
60	1.00	0.48	0.35	0.85	0.20	0.11
61	1.30	0.61	0.45	0.99	0.36	0.19
62	0.99	0.38	0.28	0.96	0.25	0.14
63	1.00	0.49	0.36	0.96	0.22	0.12
64	1.04	0.47	0.34	0.90	0.19	0.10
65	1.14	0.59	0.43	0.86	0.26	0.14
66	1.11	0.55	0.41	0.90	0.22	0.12
67	1.06	0.54	0.40	0.91	0.25	0.14
68	1.05	0.50	0.37	0.87	0.22	0.12
69	1.02	0.47	0.35	0.89	0.20	0.11
70	1.02	0.49	0.36	0.86	0.22	0.12
71	1.48	0.80	0.59	1.01	0.37	0.20
72	0.99	0.49	0.36	0.87	0.20	0.11
73	1.25	0.62	0.45	0.91	0.27	0.15
74	1.01	0.48	0.35	0.85	0.21	0.11
75	1.21	0.64	0.47	0.90	0.26	0.14
76	1.29	0.61	0.44	0.95	0.30	0.16
77	1.03	0.46	0.33	0.91	0.17	0.09
78	1.06	0.48	0.35	0.89	0.19	0.10
79	1.01	0.49	0.36	0.93	0.22	0.12
80	1.03	0.50	0.37	0.84	0.22	0.12

Major Component Replacement

Yr	Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.01	0.02	0.01
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.16	0.14	0.10	0.06	0.16	0.09
6	0.00	0.00	0.00	0.02	0.05	0.03
7	0.00	0.00	0.00	0.01	0.02	0.01
8	0.32	0.30	0.22	0.05	0.09	0.05
9	0.41	0.35	0.26	0.31	0.21	0.12
10	1.02	0.81	0.60	0.04	0.03	0.02
11	0.55	0.33	0.24	0.26	0.12	0.06
12	0.20	0.13	0.09	0.24	0.15	0.08
13	0.32	0.23	0.17	0.40	0.33	0.18
14	0.89	0.86	0.63	0.12	0.09	0.05
15	1.15	0.85	0.62	0.45	0.39	0.21
16	0.66	0.58	0.42	0.62	0.41	0.22
17	0.67	0.51	0.37	0.39	0.25	0.13
18	0.17	0.14	0.10	0.37	0.44	0.24
19	1.90	1.30	0.95	4.39	11.30	6.17
20	0.39	0.21	0.15	0.40	0.39	0.21
21	1.24	0.22	0.16	1.00	0.49	0.26
22	0.20	0.12	0.09	0.30	0.21	0.12
23	0.86	0.49	0.36	0.15	0.08	0.04
24	0.25	0.19	0.14	0.23	0.19	0.10
25	1.15	0.88	0.64	0.32	0.24	0.13
26	0.84	0.67	0.49	0.53	0.70	0.38
27	1.40	1.33	0.98	0.50	0.49	0.27
28	0.19	0.13	0.09	0.61	0.44	0.24
29	3.57	4.08	2.99	24.80	67.40	36.78
30	2.05	1.48	1.09	0.31	0.26	0.14
31	3.69	3.02	2.21	3.48	6.10	3.33
32	0.55	0.41	0.30	0.62	0.73	0.40
33	0.69	0.45	0.33	0.70	0.39	0.22
34	0.28	0.18	0.13	0.68	0.98	0.53
35	0.37	0.22	0.16	0.24	0.12	0.07
36	0.29	0.21	0.15	0.61	0.62	0.34
37	1.12	0.81	0.59	0.37	0.34	0.18
38	1.89	1.74	1.28	0.50	0.23	0.13
39	0.39	0.21	0.15	0.56	0.38	0.21
40	1.33	0.96	0.71	0.78	0.82	0.44
41	1.91	0.55	0.40	0.89	0.41	0.22
42	0.44	0.18	0.13	1.06	1.41	0.77
43	0.42	0.38	0.28	0.42	0.35	0.19
44	0.33	0.24	0.18	0.29	0.28	0.15
45	0.70	0.46	0.34	0.36	0.23	0.12
46	0.40	0.32	0.24	0.21	0.15	0.08
47	1.38	1.03	0.76	0.47	0.43	0.23
48	0.19	0.14	0.10	4.22	11.20	6.11
49	1.58	1.03	0.76	0.48	0.23	0.12
50	0.44	0.37	0.27	0.31	0.16	0.09
51	1.22	0.70	0.51	0.60	0.83	0.46
52	0.70	0.50	0.37	0.49	0.31	0.17
53	1.69	1.57	1.15	0.48	0.26	0.14
54	0.98	0.81	0.59	0.31	0.10	0.06
55	1.71	1.19	0.87	1.04	0.68	0.37
56	0.68	0.39	0.28	0.63	0.50	0.27
57	2.77	4.21	3.09	25.10	67.20	36.67
58	0.34	0.23	0.17	0.87	0.74	0.40
59	1.43	0.84	0.61	0.47	0.24	0.13
60	0.59	0.41	0.30	0.38	0.29	0.16
61	4.60	5.28	3.87	4.64	8.92	4.87
62	0.48	0.21	0.16	1.04	1.46	0.80
63	0.19	0.13	0.10	1.14	0.60	0.33
64	1.87	1.57	1.15	0.52	0.55	0.30
65	0.62	0.42	0.31	1.75	2.09	1.14
66	1.15	1.03	0.76	0.18	0.11	0.06
67	0.47	0.36	0.26	0.37	0.95	0.52
68	0.39	0.24	0.17	0.27	0.10	0.06
69	1.43	1.31	0.96	0.56	0.49	0.27
70	0.29	0.18	0.13	0.55	0.42	0.23
71	1.96	0.68	0.50	0.58	0.43	0.24
72	0.37	0.20	0.14	0.63	0.29	0.16
73	2.19	1.34	0.98	1.08	0.68	0.37
74	0.73	0.45	0.33	0.47	0.31	0.17
75	0.54	1.04	0.76	1.52	1.84	1.00
76	2.87	1.93	1.42	5.19	12.30	6.71
77	0.66	0.52	0.38	0.75	0.70	0.38
78	0.75	0.44	0.32	0.89	0.70	0.38
79	1.73	1.26	0.92	0.38	0.12	0.07
80	0.56	0.42	0.31	0.49	0.19	0.10

Yr	Total Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.13	0.09	0.06	0.16	0.10	0.05
2	0.85	0.42	0.31	0.64	0.16	0.09
3	0.91	0.45	0.33	0.68	0.16	0.09
4	0.91	0.44	0.32	0.73	0.19	0.10
5	1.12	0.57	0.42	0.82	0.34	0.19
6	1.00	0.48	0.35	0.80	0.22	0.12
7	1.06	0.52	0.38	0.80	0.20	0.11
8	1.37	0.69	0.50	0.95	0.21	0.12
9	1.60	0.79	0.58	1.29	0.36	0.20
10	2.12	1.20	0.88	0.87	0.21	0.11
11	1.77	0.57	0.42	1.22	0.32	0.18
12	1.25	0.57	0.42	1.09	0.27	0.15
13	1.45	0.74	0.54	1.33	0.50	0.27
14	1.97	1.30	0.95	0.92	0.28	0.15
15	2.26	1.33	0.98	1.42	0.47	0.25
16	1.80	0.91	0.67	1.55	0.47	0.26
17	1.85	0.94	0.69	1.28	0.38	0.21
18	1.16	0.58	0.43	1.20	0.53	0.29
19	3.14	1.86	1.36	1.36	0.44	0.24
20	1.48	0.70	0.51	1.25	0.46	0.25
21	2.61	0.76	0.56	2.20	0.71	0.38
22	1.19	0.54	0.39	1.23	0.27	0.15
23	1.84	0.88	0.65	1.06	0.24	0.13
24	1.46	0.77	0.56	1.06	0.29	0.16
25	2.33	1.39	1.02	1.20	0.43	0.24
26	2.29	1.10	0.81	1.55	1.00	0.54
27	2.47	1.74	1.28	1.39	0.61	0.33
28	1.25	0.60	0.44	1.53	0.54	0.29
29	4.62	4.17	3.06	2.13	1.85	1.01
30	3.07	1.83	1.34	1.14	0.38	0.21
31	4.95	3.45	2.53	2.76	4.01	2.19
32	1.59	0.85	0.62	1.52	0.81	0.44
33	1.89	0.98	0.72	1.60	0.43	0.23
34	1.36	0.67	0.49	1.55	1.05	0.57
35	1.39	0.76	0.56	1.02	0.24	0.13
36	1.33	0.64	0.47	1.56	0.67	0.36
37	2.16	1.18	0.87	1.19	0.49	0.27
38	3.08	2.18	1.60	1.38	0.36	0.20
39	1.35	0.64	0.47	1.46	0.46	0.25
40	2.35	1.36	1.00	1.62	0.84	0.46
41	3.26	1.15	0.84	1.80	0.62	0.34
42	1.42	0.47	0.35	2.09	1.74	0.95
43	1.44	0.82	0.60	1.38	0.44	0.24
44	1.30	0.66	0.48	1.08	0.40	0.22
45	1.71	0.94	0.69	1.16	0.38	0.20
46	1.66	0.84	0.61	1.01	0.35	0.19
47	2.32	1.37	1.00	1.46	0.53	0.29
48	1.41	0.71	0.52	1.10	0.32	0.17
49	2.78	1.51	1.11	1.46	0.35	0.19
50	1.53	0.78	0.57	1.20	0.22	0.12
51	2.65	1.24	0.91	1.59	1.31	0.71
52	1.97	0.81	0.60	1.48	0.27	0.15
53	2.74	1.99	1.46	1.41	0.42	0.23
54	2.02	1.22	0.89	1.10	0.24	0.13
55	2.83	1.67	1.22	2.02	0.79	0.43
56	1.80	0.79	0.58	1.52	0.57	0.31
57	4.03	4.30	3.15	2.45	1.71	0.93
58	1.32	0.65	0.48	1.88	0.88	0.48
59	2.48	1.23	0.90	1.38	0.43	0.23
60	1.59	0.81	0.59	1.23	0.40	0.22
61	5.90	5.68	4.16	2.89	5.22	2.85
62	1.47	0.50	0.36	2.06	1.62	0.88
63	1.19	0.61	0.45	2.17	0.63	0.34
64	2.90	1.93	1.42	1.40	0.59	0.32
65	1.76	0.93	0.68	2.75	2.12	1.16
66	2.26	1.40	1.03	1.01	0.27	0.15
67	1.53	0.82	0.60	1.27	1.03	0.56
68	1.44	0.70	0.52	1.09	0.23	0.12
69	2.45	1.68	1.23	1.46	0.59	0.32
70	1.30	0.64	0.47	1.40	0.42	0.23
71	3.44	1.41	1.03	1.54	0.57	0.31
72	1.36	0.66	0.48	1.50	0.40	0.22
73	3.43	1.82	1.33	1.97	0.73	0.40
74	1.74	0.86	0.63	1.29	0.44	0.24
75	1.75	1.25	0.92	2.53	1.86	1.02
76	4.16	2.45	1.80	1.86	2.47	1.35
77	1.68	0.91	0.67	1.68	0.75	0.41
78	1.81	0.34	0.25	1.80	0.72	0.39
79	2.74	1.63	1.20	1.29	0.29	0.16
80	1.59	0.80	0.59	1.29	0.32	0.17

Yr	Annual Required Maintenance All Buildings Mean	SDev	90% +/-
1	0.10	0.02	0.01
2	0.21	0.04	0.01
3	0.22	0.04	0.01
4	0.23	0.05	0.01
5	0.23	0.04	0.01
6	0.26	0.06	0.02
7	0.24	0.06	0.02
8	0.26	0.05	0.02
9	0.25	0.08	0.03
10	0.27	0.05	0.02
11	0.29	0.08	0.03
12	0.34	0.02	0.01
13	0.29	0.13	0.04
14	0.35	0.03	0.01
15	0.36	0.03	0.01
16	0.35	0.09	0.03
17	0.37	0.05	0.02
18	0.40	0.03	0.01
19	0.40	0.02	0.01
20	0.40	0.01	0.00
21	0.36	0.13	0.04
22	0.33	0.04	0.01
23	0.34	0.02	0.01
24	0.36	0.05	0.02
25	0.34	0.16	0.05
26	0.48	0.53	0.17
27	0.36	0.03	0.01
28	0.39	0.04	0.01
29	0.33	0.04	0.01
30	0.34	0.02	0.01
31	0.33	0.10	0.03
32	0.34	0.05	0.02
33	0.32	0.07	0.02
34	0.34	0.03	0.01
35	0.28	0.04	0.01
36	0.27	0.06	0.02
37	0.29	0.05	0.02
38	0.31	0.04	0.01
39	0.30	0.02	0.01
40	0.29	0.04	0.01
41	0.34	0.14	0.05
42	0.36	0.01	0.00
43	0.40	0.09	0.03
44	0.37	0.02	0.01
45	0.36	0.01	0.00
46	0.40	0.10	0.03
47	0.38	0.02	0.01
48	0.40	0.02	0.01
49	0.42	0.07	0.02
50	0.33	0.07	0.02
51	0.47	0.54	0.17
52	0.35	0.05	0.02
53	0.30	0.04	0.01
54	0.31	0.04	0.01
55	0.30	0.12	0.04
56	0.32	0.07	0.02
57	0.38	0.06	0.02
58	0.31	0.03	0.01
59	0.33	0.02	0.01
60	0.33	0.05	0.02
61	0.31	0.12	0.04
62	0.32	0.01	0.00
63	0.31	0.02	0.01
64	0.32	0.03	0.01
65	0.30	0.08	0.03
66	0.31	0.06	0.02
67	0.33	0.04	0.01
68	0.34	0.02	0.01
69	0.32	0.08	0.02
70	0.34	0.04	0.01
71	0.35	0.07	0.02
72	0.35	0.03	0.01
73	0.38	0.12	0.04
74	0.40	0.02	0.01
75	0.40	0.02	0.01
76	0.41	0.29	0.09
77	0.32	0.05	0.02
78	0.29	0.06	0.02
79	0.30	0.04	0.01
80	0.28	0.04	0.01

Yr	Major Component Replacement All Buildings Mean	SDev	90% +/-
1	0.00	0.00	0.00
2	0.00	0.00	0.00
3	0.00	0.00	0.00
4	0.00	0.00	0.00
5	0.00	0.00	0.00
6	0.02	0.03	0.01
7	0.05	0.02	0.01
8	0.05	0.02	0.01
9	0.16	0.36	0.12
10	0.05	0.02	0.01
11	0.12	0.30	0.09
12	0.03	0.01	0.00
13	0.01	0.00	0.00
14	0.06	0.01	0.00
15	0.14	0.35	0.11
16	0.05	0.03	0.01
17	0.17	0.37	0.12
18	0.05	0.02	0.01
19	0.05	0.02	0.01
20	0.01	0.01	0.00
21	0.15	0.47	0.15
22	0.05	0.02	0.01
23	0.05	0.02	0.01
24	0.05	0.02	0.01
25	0.17	0.38	0.12
26	0.65	0.16	0.05
27	1.62	0.47	0.15
28	1.20	0.32	0.10
29	1.36	0.21	0.07
30	1.47	0.53	0.17
31	1.82	0.53	0.17
32	0.07	0.01	0.00
33	0.16	0.36	0.12
34	0.07	0.02	0.01
35	0.03	0.15	0.05
36	0.06	0.05	0.02
37	0.07	0.03	0.01
38	0.06	0.03	0.01
39	0.07	0.02	0.01
40	0.10	0.01	0.00
41	0.29	0.83	0.27
42	0.01	0.01	0.00
43	0.12	0.34	0.11
44	0.06	0.01	0.00
45	0.08	0.14	0.05
46	0.07	0.03	0.01
47	0.07	0.01	0.00
48	0.07	0.02	0.01
49	0.14	0.38	0.12
50	0.03	0.01	0.00
51	0.17	0.55	0.18
52	0.23	0.07	0.02
53	0.13	0.13	0.04
54	0.67	0.16	0.05
55	1.66	0.44	0.14
56	1.38	0.34	0.11
57	1.50	0.57	0.18
58	1.44	0.51	0.16
59	1.69	0.47	0.15
60	0.21	0.09	0.03
61	0.38	1.22	0.39
62	0.09	0.05	0.02
63	0.06	0.02	0.01
64	0.16	0.10	0.03
65	0.22	0.38	0.12
66	0.07	0.03	0.01
67	0.08	0.02	0.01
68	0.22	0.10	0.03
69	0.18	0.12	0.04
70	0.09	0.09	0.03
71	0.22	0.64	0.21
72	0.22	0.06	0.02
73	0.26	0.38	0.12
74	0.09	0.04	0.01
75	0.10	0.15	0.05
76	0.40	0.56	0.18
77	0.08	0.02	0.01
78	0.14	0.11	0.04
79	0.18	0.10	0.03
80	0.10	0.09	0.03

Total Maintenance

Yr	All Buildings Mean	SDev	90% +/-
1	0.10	0.02	0.01
2	0.21	0.04	0.01
3	0.22	0.04	0.01
4	0.23	0.05	0.01
5	0.23	0.04	0.01
6	0.28	0.07	0.02
7	0.29	0.05	0.02
8	0.30	0.05	0.02
9	0.41	0.44	0.14
10	0.32	0.05	0.02
11	0.41	0.37	0.12
12	0.37	0.03	0.01
13	0.30	0.13	0.04
14	0.41	0.03	0.01
15	0.50	0.37	0.12
16	0.40	0.10	0.03
17	0.54	0.42	0.14
18	0.45	0.04	0.01
19	0.45	0.02	0.01
20	0.41	0.01	0.00
21	0.51	0.59	0.19
22	0.38	0.05	0.02
23	0.39	0.04	0.01
24	0.42	0.07	0.02
25	0.51	0.51	0.16
26	1.13	0.39	0.12
27	1.98	0.45	0.14
28	1.59	0.31	0.10
29	1.68	0.25	0.08
30	1.81	0.51	0.16
31	2.14	0.58	0.19
32	0.41	0.05	0.02
33	0.48	0.43	0.14
34	0.40	0.04	0.01
35	0.31	0.16	0.05
36	0.33	0.11	0.04
37	0.36	0.07	0.02
38	0.37	0.04	0.01
39	0.36	0.04	0.01
40	0.39	0.04	0.01
41	0.63	0.97	0.31
42	0.37	0.02	0.01
43	0.51	0.38	0.12
44	0.43	0.04	0.01
45	0.44	0.14	0.05
46	0.46	0.12	0.04
47	0.45	0.02	0.01
48	0.47	0.03	0.01
49	0.56	0.45	0.14
50	0.37	0.06	0.02
51	0.64	1.02	0.33
52	0.57	0.02	0.01
53	0.43	0.12	0.04
54	0.99	0.14	0.04
55	1.96	0.36	0.12
56	1.70	0.27	0.09
57	1.87	0.62	0.20
58	1.75	0.50	0.16
59	2.02	0.46	0.15
60	0.54	0.10	0.03
61	0.68	1.32	0.42
62	0.41	0.05	0.02
63	0.37	0.03	0.01
64	0.48	0.10	0.03
65	0.51	0.46	0.15
66	0.38	0.07	0.02
67	0.40	0.05	0.02
68	0.55	0.08	0.03
69	0.49	0.18	0.06
70	0.43	0.11	0.03
71	0.57	0.68	0.22
72	0.57	0.06	0.02
73	0.63	0.49	0.16
74	0.49	0.05	0.02
75	0.50	0.15	0.05
76	0.81	0.85	0.27
77	0.40	0.05	0.02
78	0.43	0.11	0.03
79	0.48	0.11	0.04
80	0.38	0.10	0.03

Yr	Annual Required Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.12	0.11	0.02	0.12	0.09	0.01
2	0.44	0.26	0.03	0.29	0.20	0.02
3	0.47	0.26	0.03	0.31	0.21	0.03
4	0.49	0.28	0.04	0.35	0.21	0.03
5	0.50	0.27	0.04	0.37	0.21	0.03
6	0.54	0.30	0.04	0.40	0.22	0.03
7	0.55	0.30	0.04	0.40	0.23	0.03
8	0.55	0.30	0.04	0.41	0.23	0.03
9	0.70	0.32	0.04	0.47	0.21	0.03
10	0.57	0.31	0.04	0.47	0.21	0.03
11	0.59	0.35	0.05	0.50	0.20	0.03
12	0.58	0.29	0.04	0.50	0.21	0.03
13	0.57	0.34	0.05	0.44	0.21	0.03
14	0.58	0.31	0.04	0.47	0.25	0.03
15	0.61	0.33	0.04	0.46	0.25	0.03
16	0.67	0.31	0.04	0.44	0.26	0.03
17	0.70	0.31	0.04	0.41	0.24	0.03
18	0.54	0.31	0.04	0.40	0.24	0.03
19	0.71	0.32	0.04	0.49	0.24	0.03
20	0.59	0.32	0.04	0.53	0.24	0.03
21	0.65	0.44	0.06	0.49	0.25	0.03
22	0.56	0.30	0.04	0.50	0.25	0.03
23	0.58	0.28	0.04	0.46	0.24	0.03
24	0.61	0.34	0.05	0.47	0.20	0.03
25	0.70	0.33	0.05	0.47	0.23	0.03
26	0.99	0.54	0.07	0.47	0.25	0.03
27	0.58	0.31	0.04	0.45	0.24	0.03
28	0.60	0.34	0.05	0.43	0.26	0.03
29	0.57	0.31	0.04	0.48	0.22	0.03
30	0.57	0.33	0.04	0.49	0.23	0.03
31	0.68	0.31	0.04	0.45	0.22	0.03
32	0.58	0.30	0.04	0.47	0.23	0.03
33	0.70	0.34	0.05	0.44	0.24	0.03
34	0.63	0.28	0.04	0.46	0.24	0.03
35	0.54	0.30	0.04	0.43	0.21	0.03
36	0.53	0.31	0.04	0.44	0.22	0.03
37	0.55	0.30	0.04	0.45	0.23	0.03
38	0.61	0.32	0.04	0.43	0.24	0.03
39	0.53	0.29	0.04	0.44	0.22	0.03
40	0.56	0.29	0.04	0.44	0.22	0.03
41	0.73	0.40	0.05	0.46	0.24	0.03
42	0.54	0.29	0.04	0.47	0.23	0.03
43	0.57	0.31	0.04	0.42	0.24	0.03
44	0.54	0.30	0.04	0.43	0.25	0.03
45	0.61	0.29	0.04	0.42	0.24	0.03
46	0.73	0.35	0.05	0.44	0.23	0.03
47	0.60	0.33	0.04	0.45	0.23	0.03
48	0.67	0.32	0.04	0.47	0.23	0.03
49	0.73	0.34	0.05	0.52	0.20	0.02
50	0.56	0.31	0.04	0.51	0.21	0.03
51	0.92	0.56	0.08	0.51	0.24	0.03
52	0.70	0.40	0.05	0.50	0.23	0.03
53	0.58	0.31	0.04	0.44	0.24	0.03
54	0.55	0.30	0.04	0.45	0.23	0.03
55	0.58	0.33	0.05	0.48	0.23	0.03
56	0.63	0.32	0.04	0.43	0.24	0.03
57	0.72	0.33	0.04	0.45	0.27	0.03
58	0.55	0.32	0.04	0.42	0.25	0.03
59	0.56	0.30	0.04	0.43	0.23	0.03
60	0.55	0.32	0.04	0.45	0.23	0.03
61	0.70	0.39	0.05	0.42	0.22	0.03
62	0.57	0.28	0.04	0.43	0.24	0.03
63	0.53	0.31	0.04	0.41	0.25	0.03
64	0.54	0.31	0.04	0.42	0.24	0.03
65	0.70	0.30	0.04	0.42	0.25	0.03
66	0.57	0.32	0.04	0.45	0.25	0.03
67	0.58	0.30	0.04	0.44	0.24	0.03
68	0.56	0.29	0.04	0.38	0.23	0.03
69	0.56	0.32	0.04	0.44	0.22	0.03
70	0.55	0.31	0.04	0.49	0.23	0.03
71	0.71	0.39	0.05	0.51	0.22	0.03
72	0.55	0.29	0.04	0.49	0.22	0.03
73	0.73	0.33	0.05	0.48	0.22	0.03
74	0.57	0.31	0.04	0.45	0.21	0.03
75	0.68	0.32	0.04	0.44	0.21	0.03
76	0.68	0.37	0.05	0.44	0.25	0.03
77	0.55	0.31	0.04	0.41	0.22	0.03
78	0.57	0.33	0.04	0.40	0.24	0.03
79	0.55	0.30	0.04	0.46	0.20	0.03
80	0.57	0.30	0.04	0.46	0.20	0.02

Yr	Major Component Replacement: Perm Buildings Mean	Perm Buildings SDev	Perm Buildings 90% +/-	Temp Buildings Mean	Temp Buildings SDev	Temp Buildings 90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.01	0.03	0.00	0.00	0.02	0.00
5	0.03	0.07	0.01	0.01	0.04	0.01
6	0.01	0.02	0.00	0.01	0.03	0.00
7	0.02	0.06	0.01	0.03	0.08	0.01
8	0.12	0.19	0.03	0.04	0.10	0.01
9	0.13	0.20	0.03	0.07	0.19	0.02
10	0.16	0.54	0.07	0.07	0.15	0.02
11	0.17	0.56	0.08	0.12	0.29	0.04
12	0.12	0.25	0.03	0.06	0.05	0.01
13	0.09	0.14	0.02	0.10	0.12	0.01
14	0.41	0.67	0.09	0.09	0.08	0.01
15	0.36	0.55	0.07	0.14	0.14	0.02
16	0.22	0.40	0.05	0.12	0.13	0.02
17	0.17	0.20	0.03	0.16	0.20	0.03
18	0.18	0.32	0.04	0.36	0.28	0.03
19	0.38	0.66	0.09	0.36	0.31	0.04
20	0.32	0.47	0.06	0.32	0.23	0.03
21	0.35	0.68	0.09	0.39	0.54	0.07
22	0.12	0.15	0.02	0.21	0.24	0.03
23	0.21	0.27	0.04	0.15	0.15	0.02
24	0.20	0.48	0.07	0.16	0.21	0.03
25	0.28	0.43	0.06	0.22	0.34	0.04
26	0.33	0.60	0.08	0.16	0.29	0.04
27	1.14	1.59	0.22	0.24	0.27	0.03
28	0.39	0.64	0.09	0.73	0.90	0.11
29	3.86	5.23	0.71	0.74	0.86	0.11
30	1.10	1.73	0.2[illegible]	0.97	1.20	0.15
31	1.62	3.59	0.49	0.85	1.37	0.17
32	0.32	0.67	0.09	0.80	0.77	0.10
33	0.27	0.44	0.06	0.88	0.92	0.11
34	0.16	0.29	0.04	0.25	0.22	0.03
35	0.15	0.27	0.04	0.44	0.34	0.04
36	0.26	0.34	0.05	0.44	0.37	0.05
37	0.30	0.32	0.04	0.38	0.32	0.04
38	0.43	0.74	0.10	0.43	0.39	0.05
39	0.20	0.28	0.04	0.36	0.28	0.03
40	0.74	0.83	0.11	0.43	0.30	0.04
41	0.41	0.75	0.10	0.44	0.52	0.06
42	0.15	0.31	0.04	0.31	0.53	0.07
43	0.17	0.33	0.04	0.15	0.11	0.01
44	0.31	0.46	0.06	0.28	0.27	0.03
45	0.21	0.25	0.03	0.27	0.31	0.04
46	0.15	0.27	0.04	0.21	0.22	0.03
47	0.20	0.54	0.07	0.22	0.25	0.03
48	0.15	0.30	0.04	0.17	0.15	0.02
49	0.24	0.51	0.07	0.23	0.23	0.03
50	0.13	0.26	0.03	0.29	0.26	0.03
51	0.32	0.79	0.11	0.54	0.52	0.06
52	0.29	0.38	0.05	0.39	0.39	0.05
53	0.71	0.98	0.13	0.65	0.54	0.07
54	0.41	0.77	0.10	0.64	0.78	0.10
55	1.06	1.63	0.22	0.75	0.59	0.07
56	0.46	0.68	0.09	0.77	0.47	0.06
57	4.05	5.30	0.72	0.97	0.78	0.10
58	0.82	1.67	0.23	1.32	1.08	0.13
59	0.92	1.02	0.14	1.22	1.04	0.13
60	0.35	0.62	0.08	1.48	1.20	0.15
61	1.52	3.76	0.51	1.03	2.35	0.29
62	0.33	0.75	0.10	1.22	1.18	0.15
63	0.40	0.64	0.09	1.00	1.10	0.14
64	0.33	0.69	0.09	0.55	0.45	0.06
65	0.44	0.76	0.10	0.58	0.56	0.07
66	0.51	0.71	0.10	0.36	0.30	0.04
67	0.30	0.49	0.07	0.52	0.61	0.08
68	0.27	0.54	0.07	0.64	0.63	0.08
69	0.22	0.47	0.06	0.47	0.39	0.05
70	0.18	0.36	0.05	0.40	0.29	0.04
71	0.39	0.75	0.10	0.36	0.34	0.04
72	0.25	0.47	0.06	0.47	0.35	0.04
73	0.68	0.78	0.11	0.54	0.34	0.04
74	0.37	0.48	0.06	0.49	0.34	0.04
75	0.27	0.45	0.06	0.54	0.48	0.06
76	1.90	1.52	0.21	0.50	0.45	0.06
77	0.26	0.42	0.06	0.45	0.32	0.04
78	0.49	0.76	0.10	0.43	0.29	0.04
79	0.84	1.02	0.14	0.36	0.34	0.04
80	0.23	0.43	0.06	0.46	0.34	0.04

Yr	Total Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.12	0.11	0.02	0.12	0.09	0.01
2	0.44	0.26	0.03	0.29	0.20	0.02
3	0.47	0.26	0.03	0.31	0.21	0.03
4	0.50	0.29	0.04	0.36	0.21	0.03
5	0.52	0.31	0.04	0.37	0.22	0.03
6	0.55	0.30	0.04	0.40	0.23	0.03
7	0.57	0.31	0.04	0.43	0.26	0.03
8	0.68	0.39	0.05	0.44	0.27	0.03
9	0.83	0.42	0.06	0.53	0.32	0.04
10	0.73	0.69	0.09	0.54	0.29	0.04
11	0.76	0.70	0.10	0.62	0.41	0.05
12	0.70	0.49	0.07	0.57	0.24	0.03
13	0.67	0.45	0.06	0.54	0.28	0.03
14	0.99	0.85	0.12	0.56	0.29	0.04
15	0.98	0.73	0.10	0.60	0.33	0.04
16	0.89	0.62	0.08	0.56	0.35	0.04
17	0.87	0.44	0.06	0.56	0.37	0.05
18	0.72	0.54	0.07	0.76	0.45	0.06
19	1.09	0.87	0.12	0.86	0.50	0.06
20	0.92	0.70	0.10	0.84	0.41	0.05
21	1.00	1.00	0.14	0.88	0.72	0.09
22	0.68	0.38	0.05	0.70	0.39	0.05
23	0.78	0.47	0.06	0.60	0.35	0.04
24	0.81	0.74	0.10	0.63	0.35	0.04
25	0.98	0.68	0.09	0.69	0.48	0.06
26	1.32	0.74	0.10	0.73	0.47	0.06
27	1.72	1.76	0.24	0.68	0.47	0.06
28	0.99	0.81	0.11	1.15	0.84	0.10
29	4.43	5.12	0.69	1.22	0.85	0.11
30	1.67	1.82	0.25	1.46	1.15	0.14
31	2.30	3.69	0.50	1.30	1.38	0.17
32	0.89	0.87	0.12	1.27	0.74	0.09
33	0.97	0.67	0.09	1.32	0.87	0.11
34	0.80	0.50	0.07	0.70	0.42	0.05
35	0.70	0.52	0.07	0.87	0.48	0.06
36	0.79	0.53	0.07	0.89	0.52	0.06
37	0.84	0.56	0.08	0.83	0.49	0.06
38	1.04	0.95	0.13	0.86	0.55	0.07
39	0.73	0.52	0.07	0.80	0.44	0.06
40	1.30	1.04	0.14	0.87	0.45	0.06
41	1.14	1.04	0.14	0.91	0.67	0.08
42	0.69	0.49	0.07	0.78	0.64	0.08
43	0.75	0.55	0.07	0.57	0.28	0.04
44	0.85	0.56	0.08	0.71	0.44	0.05
45	0.82	0.48	0.06	0.69	0.46	0.06
46	0.88	0.45	0.06	0.64	0.36	0.04
47	0.80	0.71	0.10	0.67	0.38	0.05
48	0.83	0.53	0.07	0.64	0.29	0.04
49	0.97	0.75	0.10	0.74	0.32	0.04
50	0.69	0.51	0.07	0.80	0.40	0.05
51	1.25	1.13	0.15	1.05	0.64	0.08
52	0.99	0.60	0.08	0.89	0.46	0.06
53	1.29	1.15	0.16	1.09	0.55	0.07
54	0.96	0.93	0.13	1.09	0.91	0.11
55	1.64	1.80	0.24	1.23	0.66	0.08
56	1.09	0.81	0.11	1.20	0.61	0.08
57	4.76	5.24	0.71	1.41	0.89	0.11
58	1.36	1.80	0.24	1.74	1.03	0.13
59	1.47	1.13	0.15	1.65	1.01	0.13
60	0.90	0.84	0.11	1.93	1.18	0.15
61	2.22	4.02	0.55	1.46	2.38	0.30
62	0.90	0.86	0.12	1.65	1.12	0.14
63	0.93	0.81	0.11	1.41	1.02	0.13
64	0.88	0.90	0.12	0.97	0.53	0.07
65	1.14	0.78	0.11	1.00	0.60	0.07
66	1.08	0.90	0.12	0.81	0.42	0.05
67	0.88	0.67	0.09	0.96	0.73	0.09
68	0.83	0.66	0.09	1.03	0.65	0.08
69	0.78	0.68	0.09	0.92	0.49	0.06
70	0.73	0.60	0.08	0.90	0.34	0.04
71	1.11	0.97	0.13	0.86	0.45	0.06
72	0.80	0.69	0.09	0.96	0.53	0.07
73	1.41	0.96	0.13	1.01	0.48	0.06
74	0.94	0.70	0.09	0.94	0.49	0.06
75	0.95	0.65	0.09	0.98	0.60	0.07
76	2.58	1.60	0.22	0.94	0.67	0.08
77	0.82	0.64	0.09	0.86	0.47	0.06
78	1.06	0.88	0.12	0.83	0.46	0.06
79	1.39	1.19	0.16	0.83	0.51	0.06
80	0.80	0.66	0.09	0.91	0.42	0.05

Annual Required Maintenance

Yr	Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.23	0.10	0.07	0.01	0.00	0.00
2	0.87	0.24	0.17	0.12	0.00	0.00
3	0.90	0.24	0.17	0.13	0.00	0.00
4	0.92	0.23	0.17	0.15	0.00	0.00
5	0.92	0.21	0.15	0.15	0.00	0.00
6	1.04	0.31	0.22	0.13	0.00	0.00
7	1.05	0.23	0.17	0.14	0.00	0.00
8	1.09	0.22	0.16	0.16	0.00	0.00
9	1.17	0.33	0.24	0.15	0.00	0.00
10	1.06	0.27	0.19	0.19	0.00	0.00
11	1.17	0.29	0.21	0.28	0.00	0.00
12	1.06	0.24	0.18	0.17	0.00	0.00
13	1.81	1.24	0.91	0.15	0.00	0.00
14	1.14	0.30	0.22	0.15	0.00	0.00
15	1.83	1.14	0.84	0.17	0.00	0.00
16	4.15	6.11	4.48	0.19	0.00	0.00
17	1.16	0.35	0.25	0.14	0.00	0.00
18	1.86	1.37	1.00	0.14	0.00	0.00
19	1.18	0.26	0.19	0.16	0.00	0.00
20	1.25	0.40	0.29	0.16	0.00	0.00
21	1.41	0.38	0.28	0.51	0.00	0.00
22	1.07	0.22	0.16	0.16	0.00	0.00
23	1.05	0.24	0.18	0.16	0.00	0.00
24	1.08	0.26	0.19	0.21	0.00	0.00
25	1.17	0.33	0.24	0.16	0.00	0.00
26	1.81	0.56	0.41	0.36	0.00	0.00
27	1.14	0.30	0.22	0.14	0.00	0.00
28	1.81	1.23	0.90	0.15	0.00	0.00
29	1.16	0.27	0.20	0.16	0.00	0.00
30	1.79	1.18	0.87	0.15	0.00	0.00
31	4.01	6.17	4.52	0.19	0.00	0.00
32	1.02	0.27	0.19	0.15	0.00	0.00
33	2.13	1.40	1.03	0.16	0.00	0.00
34	1.06	0.25	0.19	0.17	0.00	0.00
35	1.00	0.25	0.18	0.14	0.00	0.00
36	1.08	0.22	0.16	0.15	0.00	0.00
37	1.02	0.24	0.17	0.16	0.00	0.00
38	1.15	0.28	0.21	0.17	0.00	0.00
39	1.00	0.25	0.18	0.13	0.00	0.00
40	1.10	0.29	0.21	0.14	0.00	0.00
41	1.21	0.31	0.23	0.49	0.00	0.00
42	1.04	0.20	0.14	0.14	0.00	0.00
43	1.84	1.19	0.87	0.15	0.00	0.00
44	1.00	0.24	0.18	0.15	0.00	0.00
45	2.07	1.49	1.09	0.16	0.00	0.00
46	1.56	0.55	0.40	0.20	0.00	0.00
47	3.99	6.18	4.53	0.16	0.00	0.00
48	1.90	1.30	0.95	0.14	0.00	0.00
49	1.19	0.34	0.25	0.16	0.00	0.00
50	1.14	0.35	0.26	0.16	0.00	0.00
51	1.64	0.64	0.47	0.49	0.00	0.00
52	1.32	0.35	0.26	0.20	0.00	0.00
53	1.16	0.36	0.27	0.14	0.00	0.00
54	1.04	0.27	0.20	0.16	0.00	0.00
55	1.08	0.29	0.21	0.16	0.00	0.00
56	1.19	0.33	0.24	0.16	0.00	0.00
57	1.25	0.27	0.20	0.15	0.00	0.00
58	2.07	1.64	1.20	0.15	0.00	0.00
59	1.08	0.25	0.18	0.16	0.00	0.00
60	1.77	1.20	0.88	0.15	0.00	0.00
61	3.97	6.19	4.54	0.43	0.00	0.00
62	1.05	0.19	0.14	0.15	0.00	0.00
63	1.69	1.09	0.80	0.15	0.00	0.00
64	1.04	0.19	0.14	0.16	0.00	0.00
65	1.13	0.33	0.24	0.16	0.00	0.00
66	1.05	0.26	0.19	0.19	0.00	0.00
67	1.00	0.23	0.17	0.15	0.00	0.00
68	1.12	0.30	0.22	0.15	0.00	0.00
69	1.05	0.27	0.20	0.15	0.00	0.00
70	1.36	0.63	0.46	0.15	0.00	0.00
71	1.39	0.28	0.21	0.25	0.00	0.00
72	1.10	0.36	0.26	0.16	0.00	0.00
73	1.85	1.15	0.84	0.16	0.00	0.00
74	1.05	0.27	0.20	0.16	0.00	0.00
75	1.87	1.15	0.84	0.15	0.00	0.00
76	4.18	6.06	4.44	0.16	0.00	0.00
77	1.09	0.19	0.14	0.14	0.00	0.00
78	2.13	1.17	0.86	0.13	0.00	0.00
79	1.00	0.28	0.20	0.15	0.00	0.00
80	1.10	0.30	0.22	0.19	0.00	0.00

Yr	Major Component Replacement Perm Buildings Mean	Perm Buildings SDev	Perm Buildings 90% +/-	Temp Buildings Mean	Temp Buildings SDev	Temp Buildings 90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.01	0.01	0.01	0.00	0.00	0.00
6	0.01	0.02	0.02	0.00	0.00	0.00
7	0.03	0.04	0.03	0.00	0.00	0.00
8	0.07	0.19	0.14	0.09	0.00	0.00
9	0.14	0.15	0.11	0.02	0.00	0.00
10	0.03	0.01	0.01	0.02	0.00	0.00
11	0.25	0.12	0.09	0.02	0.00	0.00
12	1.23	1.61	1.18	0.02	0.00	0.00
13	1.39	1.86	1.36	0.02	0.00	0.00
14	1.85	0.84	0.62	0.02	0.00	0.00
15	1.57	1.56	1.14	0.22	0.00	0.00
16	1.75	1.66	1.22	0.01	0.00	0.00
17	0.82	0.80	0.59	0.02	0.00	0.00
18	1.78	2.11	1.55	0.02	0.00	0.00
19	1.92	1.74	1.28	0.74	0.00	0.00
20	0.90	0.79	0.58	0.02	0.00	0.00
21	2.29	2.62	1.92	0.11	0.00	0.00
22	1.18	0.71	0.52	0.02	0.00	0.00
23	1.55	1.65	1.21	0.09	0.00	0.00
24	0.33	0.25	0.18	0.00	0.00	0.00
25	0.35	0.09	0.06	0.02	0.00	0.00
26	1.03	1.08	0.79	0.01	0.00	0.00
27	2.39	1.15	0.84	0.02	0.00	0.00
28	2.78	3.57	2.62	0.03	0.00	0.00
29	1.05	0.66	0.49	0.16	0.00	0.00
30	3.12	3.24	2.38	0.11	0.00	0.00
31	2.51	1.19	0.87	1.11	0.00	0.00
32	1.90	1.79	1.31	0.05	0.00	0.00
33	1.93	2.14	1.57	0.03	0.00	0.00
34	2.48	3.26	2.39	0.06	0.00	0.00
35	1.13	0.79	0.58	0.03	0.00	0.00
36	2.39	2.65	1.94	0.10	0.00	0.00
37	1.94	1.72	1.26	0.63	0.00	0.00
38	1.39	1.34	0.98	0.29	0.00	0.00
39	1.07	1.22	0.89	0.06	0.00	0.00
40	1.52	0.80	0.58	0.05	0.00	0.00
41	0.58	0.52	0.38	0.38	0.00	0.00
42	0.38	0.29	0.21	0.02	0.00	0.00
43	0.61	0.63	0.46	0.18	0.00	0.00
44	1.98	1.50	1.10	0.11	0.00	0.00
45	0.83	0.83	0.61	0.04	0.00	0.00
46	1.47	1.53	1.12	0.02	0.00	0.00
47	1.36	1.66	1.22	0.06	0.00	0.00
48	1.77	1.77	1.30	0.06	0.00	0.00
49	1.47	1.56	1.14	0.07	0.00	0.00
50	1.40	1.55	1.14	0.04	0.00	0.00
51	1.62	1.52	1.11	0.05	0.00	0.00
52	1.80	1.88	1.38	0.04	0.00	0.00
53	3.76	2.03	1.49	0.04	0.00	0.00
54	1.09	1.08	0.79	0.02	0.00	0.00
55	2.04	1.50	1.10	0.56	0.00	0.00
56	0.44	0.40	0.29	0.02	0.00	0.00
57	2.02	1.29	0.95	0.33	0.00	0.00
58	1.33	1.51	1.11	0.10	0.00	0.00
59	2.02	1.35	0.99	0.05	0.00	0.00
60	1.91	2.12	1.55	0.02	0.00	0.00
61	3.00	1.37	1.00	1.16	0.00	0.00
62	1.57	1.52	1.11	0.03	0.00	0.00
63	2.75	3.20	2.35	0.02	0.00	0.00
64	1.34	1.12	0.82	0.03	0.00	0.00
65	2.50	2.58	1.89	0.10	0.00	0.00
66	2.47	1.18	0.87	0.02	0.00	0.00
67	1.14	0.95	0.69	0.04	0.00	0.00
68	2.71	3.20	2.35	0.03	0.00	0.00
69	1.48	1.80	1.32	0.04	0.00	0.00
70	1.75	1.75	1.28	0.07	0.00	0.00
71	0.50	0.61	0.45	2.06	0.00	0.00
72	0.42	0.32	0.23	0.11	0.00	0.00
73	1.66	1.29	0.95	0.58	0.00	0.00
74	0.56	0.24	0.17	0.02	0.00	0.00
75	0.24	0.15	0.11	0.27	0.00	0.00
76	2.98	1.66	1.22	1.57	0.00	0.00
77	0.82	0.81	0.60	0.01	0.00	0.00
78	2.83	2.72	1.99	0.02	0.00	0.00
79	2.88	1.28	0.94	0.10	0.00	0.00
80	2.40	3.11	2.28	0.06	0.00	0.00

Yr	Total Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.23	0.10	0.07	0.01	0.00	0.00
2	0.87	0.24	0.17	0.12	0.00	0.00
3	0.90	0.24	0.17	0.13	0.00	0.00
4	0.92	0.23	0.17	0.15	0.00	0.00
5	0.93	0.20	0.15	0.15	0.00	0.00
6	1.05	0.29	0.21	0.13	0.00	0.00
7	1.07	0.25	0.18	0.14	0.00	0.00
8	1.16	0.17	0.13	0.25	0.00	0.00
9	1.31	0.18	0.13	0.16	0.00	0.00
10	1.09	0.28	0.20	0.20	0.00	0.00
11	1.42	0.38	0.28	0.30	0.00	0.00
12	2.29	1.72	1.26	0.20	0.00	0.00
13	3.21	3.09	2.27	0.16	0.00	0.00
14	2.99	1.11	0.81	0.16	0.00	0.00
15	3.40	2.63	1.93	0.39	0.00	0.00
16	5.91	5.58	4.09	0.20	0.00	0.00
17	1.98	0.83	0.61	0.16	0.00	0.00
18	3.65	3.47	2.54	0.16	0.00	0.00
19	3.10	1.76	1.29	0.91	0.00	0.00
20	2.15	1.17	0.86	0.17	0.00	0.00
21	3.70	2.98	2.19	0.61	0.00	0.00
22	2.26	0.92	0.67	0.18	0.00	0.00
23	2.60	1.80	1.32	0.25	0.00	0.00
24	1.42	0.43	0.31	0.21	0.00	0.00
25	1.51	0.27	0.20	0.19	0.00	0.00
26	2.84	0.83	0.61	0.37	0.00	0.00
27	3.53	1.38	1.01	0.16	0.00	0.00
28	4.60	4.80	3.52	0.18	0.00	0.00
29	2.21	0.93	0.68	0.33	0.00	0.00
30	4.91	4.36	3.20	0.26	0.00	0.00
31	6.53	5.18	3.80	1.30	0.00	0.00
32	2.92	1.91	1.40	0.20	0.00	0.00
33	4.06	3.51	2.57	0.20	0.00	0.00
34	3.54	3.36	2.46	0.23	0.00	0.00
35	2.13	1.01	0.74	0.17	0.00	0.00
36	3.47	2.79	2.05	0.25	0.00	0.00
37	2.96	1.76	1.29	0.79	0.00	0.00
38	2.35	1.49	1.09	0.47	0.00	0.00
39	2.07	1.37	1.00	0.19	0.00	0.00
40	2.62	0.93	0.68	0.19	0.00	0.00
41	1.79	0.49	0.36	0.87	0.00	0.00
42	1.42	0.36	0.27	0.16	0.00	0.00
43	2.45	1.81	1.33	0.33	0.00	0.00
44	2.98	1.59	1.17	0.26	0.00	0.00
45	2.90	2.28	1.67	0.20	0.00	0.00
46	3.03	2.00	1.47	0.22	0.00	0.00
47	5.35	5.93	4.35	0.22	0.00	0.00
48	3.67	3.07	2.25	0.20	0.00	0.00
49	2.66	1.72	1.26	0.23	0.00	0.00
50	2.55	1.86	1.36	0.20	0.00	0.00
51	3.27	1.63	1.20	0.54	0.00	0.00
52	3.12	1.75	1.28	0.25	0.00	0.00
53	4.92	2.37	1.74	0.18	0.00	0.00
54	2.13	1.29	0.95	0.19	0.00	0.00
55	3.12	1.61	1.18	0.72	0.00	0.00
56	1.64	0.65	0.48	0.17	0.00	0.00
57	3.27	1.36	1.00	0.47	0.00	0.00
58	3.40	3.15	2.31	0.25	0.00	0.00
59	3.10	1.37	1.00	0.20	0.00	0.00
60	3.68	3.31	2.43	0.16	0.00	0.00
61	6.98	5.04	3.70	1.59	0.00	0.00
62	2.63	1.56	1.14	0.18	0.00	0.00
63	4.44	4.26	3.12	0.17	0.00	0.00
64	2.38	1.22	0.89	0.20	0.00	0.00
65	3.63	2.57	1.88	0.25	0.00	0.00
66	3.53	1.42	1.04	0.20	0.00	0.00
67	2.14	1.07	0.78	0.19	0.00	0.00
68	3.83	3.42	2.51	0.18	0.00	0.00
69	2.53	1.95	1.43	0.19	0.00	0.00
70	3.11	2.37	1.74	0.21	0.00	0.00
71	1.88	0.66	0.48	2.31	0.00	0.00
72	1.52	0.66	0.48	0.28	0.00	0.00
73	3.52	1.53	1.12	0.74	0.00	0.00
74	1.61	0.38	0.28	0.19	0.00	0.00
75	2.10	1.29	0.95	0.42	0.00	0.00
76	7.17	4.94	3.62	1.73	0.00	0.00
77	1.91	0.92	0.68	0.15	0.00	0.00
78	4.96	3.87	2.84	0.15	0.00	0.00
79	3.08	1.53	1.12	0.25	0.00	0.00
80	3.50	3.35	2.46	0.25	0.00	0.00

Yr	Annual Required Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.07	0.01	0.01	0.15	0.07	0.04
2	0.44	0.16	0.26	0.55	0.32	0.17
3	0.45	0.16	0.27	0.59	0.33	0.18
4	0.49	0.17	0.29	0.71	0.34	0.19
5	0.49	0.18	0.30	0.77	0.41	0.22
6	0.53	0.19	0.31	0.73	0.38	0.21
7	0.53	0.18	0.31	0.82	0.30	0.17
8	0.57	0.22	0.38	0.87	0.38	0.21
9	0.68	0.19	0.32	1.01	0.38	0.21
10	0.63	0.18	0.31	1.03	0.41	0.22
11	0.85	0.12	0.20	0.99	0.44	0.24
12	0.63	0.15	0.26	0.96	0.40	0.22
13	0.86	0.16	0.27	0.94	0.50	0.27
14	0.57	0.16	0.27	0.94	0.31	0.17
15	0.59	0.18	0.30	0.93	0.43	0.24
16	1.65	0.34	0.57	0.93	0.42	0.23
17	0.62	0.18	0.30	0.84	0.33	0.18
18	0.54	0.21	0.35	0.79	0.35	0.19
19	0.59	0.18	0.30	0.91	0.34	0.19
20	0.62	0.18	0.30	1.02	0.45	0.24
21	0.98	0.24	0.40	1.12	0.61	0.33
22	0.59	0.20	0.34	0.98	0.38	0.20
23	0.54	0.18	0.31	0.91	0.41	0.22
24	0.85	0.01	0.01	1.05	0.39	0.21
25	0.61	0.15	0.26	0.97	0.53	0.29
26	0.88	0.17	0.29	0.96	0.49	0.27
27	0.56	0.22	0.37	0.84	0.38	0.21
28	0.59	0.19	0.32	0.87	0.38	0.20
29	0.62	0.25	0.42	1.00	0.32	0.17
30	0.57	0.18	0.30	0.91	0.39	0.21
31	1.89	0.36	0.61	0.97	0.32	0.17
32	0.63	0.16	0.26	0.90	0.39	0.22
33	0.61	0.18	0.31	0.91	0.38	0.21
34	0.56	0.17	0.29	0.82	0.41	0.23
35	0.57	0.14	0.23	0.86	0.32	0.18
36	0.61	0.16	0.27	0.92	0.44	0.24
37	0.58	0.13	0.21	0.90	0.46	0.25
38	0.77	0.11	0.19	0.98	0.43	0.23
39	0.52	0.17	0.29	0.73	0.34	0.19
40	0.52	0.17	0.28	0.84	0.32	0.18
41	0.80	0.06	0.11	0.91	0.69	0.38
42	0.60	0.35	0.59	0.84	0.33	0.18
43	0.52	0.21	0.35	0.78	0.41	0.22
44	0.57	0.16	0.26	0.93	0.40	0.22
45	0.57	0.21	0.36	0.94	0.31	0.17
46	1.66	0.36	0.61	0.89	0.42	0.23
47	0.61	0.28	0.47	0.82	0.31	0.17
48	0.83	0.04	0.07	0.89	0.33	0.18
49	0.66	0.23	0.38	0.97	0.44	0.24
50	0.58	0.15	0.25	1.00	0.40	0.22
51	1.05	0.04	0.07	0.99	0.48	0.26
52	0.66	0.27	0.46	1.05	0.43	0.24
53	0.59	0.13	0.22	0.86	0.38	0.21
54	0.60	0.16	0.27	0.87	0.35	0.19
55	0.62	0.18	0.31	0.99	0.44	0.24
56	0.63	0.18	0.31	0.99	0.43	0.24
57	0.59	0.17	0.29	0.81	0.35	0.19
58	0.58	0.28	0.47	0.92	0.32	0.17
59	0.55	0.20	0.33	0.92	0.34	0.18
60	0.60	0.17	0.29	0.96	0.40	0.22
61	1.91	0.42	0.71	0.99	0.70	0.38
62	0.63	0.28	0.46	0.94	0.37	0.20
63	0.75	0.08	0.13	0.88	0.39	0.21
64	0.62	0.17	0.29	0.93	0.40	0.22
65	0.62	0.20	0.34	0.94	0.37	0.20
66	0.61	0.14	0.24	1.05	0.42	0.23
67	0.58	0.21	0.35	0.90	0.36	0.20
68	0.55	0.20	0.34	0.84	0.35	0.19
69	0.58	0.20	0.33	0.87	0.38	0.21
70	0.55	0.20	0.34	0.85	0.30	0.17
71	1.06	0.05	0.09	0.92	0.56	0.31
72	0.60	0.16	0.27	0.87	0.36	0.19
73	0.60	0.15	0.25	1.02	0.42	0.23
74	0.58	0.17	0.29	0.81	0.42	0.23
75	0.76	0.03	0.06	0.84	0.42	0.23
76	1.68	0.35	0.59	0.92	0.40	0.22
77	0.64	0.24	0.41	0.93	0.35	0.19
78	0.56	0.23	0.38	0.79	0.37	0.20
79	0.55	0.15	0.25	0.80	0.35	0.19
80	0.56	0.22	0.37	0.94	0.42	0.23

Yr	Major Component Replacement Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.05	0.05	0.08	0.00	0.00	0.00
6	0.02	0.01	0.01	0.00	0.00	0.00
7	0.02	0.01	0.01	0.39	0.37	0.20
8	0.25	0.11	0.19	0.94	0.55	0.30
9	0.38	0.05	0.08	0.55	0.39	0.21
10	0.28	0.11	0.19	0.65	0.35	0.19
11	0.12	0.00	0.00	0.21	0.13	0.07
12	0.11	0.01	0.02	0.27	0.14	0.07
13	0.26	0.04	0.07	0.15	0.10	0.05
14	0.12	0.02	0.04	0.31	0.12	0.06
15	0.28	0.22	0.37	0.75	0.61	0.33
16	0.38	0.05	0.09	1.32	0.61	0.33
17	0.56	0.07	0.12	0.63	0.38	0.21
18	0.88	1.35	2.28	0.97	0.49	0.27
19	2.12	0.16	0.28	1.02	1.00	0.55
20	0.19	0.11	0.19	0.66	0.79	0.43
21	0.65	0.77	1.30	0.78	0.75	0.41
22	0.24	0.06	0.10	0.37	0.27	0.15
23	1.15	1.27	2.14	0.56	0.43	0.24
24	0.17	0.07	0.12	1.44	0.75	0.41
25	0.55	0.04	0.07	0.69	0.40	0.22
26	0.36	0.04	0.06	1.18	1.06	0.58
27	1.56	2.29	3.86	0.26	0.08	0.04
28	0.24	0.02	0.03	0.43	0.26	0.14
29	0.48	0.01	0.02	0.87	0.66	0.36
30	0.49	0.49	0.83	0.63	0.97	0.53
31	1.90	0.66	1.12	1.10	1.39	0.76
32	0.81	0.85	1.43	1.83	0.76	0.42
33	0.63	0.07	0.11	1.03	0.49	0.27
34	0.27	0.09	0.15	1.53	0.88	0.48
35	0.32	0.01	0.02	0.71	0.31	0.17
36	0.31	0.09	0.14	0.45	0.20	0.11
37	2.66	0.51	0.86	1.08	1.04	0.57
38	0.93	0.59	1.00	0.83	0.38	0.21
39	0.32	0.01	0.02	0.95	0.52	0.28
40	0.36	0.16	0.28	2.23	1.35	0.74
41	1.42	0.82	1.39	1.74	1.15	0.63
42	1.10	1.58	2.66	1.18	0.32	0.17
43	0.21	0.00	0.00	0.53	0.37	0.20
44	0.39	0.22	0.36	0.96	0.40	0.22
45	0.44	0.08	0.13	0.48	0.35	0.19
46	0.50	0.13	0.22	0.60	0.38	0.21
47	0.20	0.08	0.13	0.83	0.65	0.35
48	0.17	0.02	0.03	1.51	0.91	0.49
49	0.59	0.06	0.10	0.94	0.40	0.22
50	0.21	0.02	0.03	1.04	0.45	0.24
51	0.89	0.35	0.60	0.86	1.42	0.77
52	0.49	0.04	0.08	0.47	0.32	0.17
53	1.43	2.11	3.56	0.40	0.12	0.06
54	0.26	0.05	0.08	0.28	0.18	0.10
55	1.89	0.84	1.42	1.26	1.12	0.61
56	1.47	2.30	3.88	1.81	1.10	0.60
57	0.70	0.06	0.10	1.05	0.52	0.29
58	0.26	0.00	0.00	1.33	0.55	0.30
59	0.52	0.51	0.85	1.28	1.67	0.91
60	0.51	0.11	0.19	0.75	0.30	0.16
61	2.86	1.71	2.88	1.21	1.90	1.04
62	0.36	0.21	0.35	1.26	0.86	0.47
63	0.51	0.56	0.94	1.07	0.53	0.29
64	0.52	0.11	0.19	1.84	0.91	0.50
65	0.58	0.01	0.01	0.84	0.32	0.18
66	0.27	0.11	0.18	1.58	0.87	0.47
67	0.81	0.31	0.52	0.41	0.17	0.10
68	0.25	0.05	0.08	0.50	0.21	0.11
69	0.34	0.05	0.09	0.48	0.36	0.20
70	0.22	0.10	0.17	1.16	0.64	0.35
71	1.49	0.63	1.06	1.02	0.47	0.26
72	0.34	0.01	0.01	1.97	0.97	0.53
73	2.66	0.15	0.26	1.41	1.01	0.55
74	0.96	0.53	0.89	2.10	0.98	0.53
75	1.03	1.34	2.26	0.82	0.30	0.17
76	1.38	0.58	0.97	1.38	2.30	1.26
77	0.38	0.08	0.13	0.76	0.41	0.22
78	0.56	0.47	0.80	1.85	0.88	0.48
79	2.94	4.56	7.59	1.26	1.19	0.65
80	1.11	1.35	2.28	1.80	0.90	0.49

51010

Yr	Total Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.07	0.01	0.01	0.15	0.07	0.04
2	0.44	0.16	0.26	0.55	0.32	0.17
3	0.45	0.16	0.27	0.59	0.33	0.18
4	0.49	0.17	0.29	0.71	0.34	0.19
5	0.54	0.22	0.38	0.77	0.41	0.22
6	0.55	0.19	0.32	0.73	0.38	0.21
7	0.55	0.19	0.32	1.22	0.54	0.29
8	0.82	0.11	0.19	1.81	0.70	0.38
9	1.05	0.14	0.24	1.56	0.55	0.30
10	0.91	0.07	0.11	1.68	0.45	0.24
11	0.96	0.12	0.20	1.19	0.57	0.31
12	0.74	0.16	0.28	1.24	0.48	0.26
13	1.11	0.20	0.33	1.09	0.53	0.29
14	0.69	0.19	0.32	1.25	0.35	0.19
15	0.87	0.39	0.66	1.68	1.01	0.55
16	2.02	0.39	0.66	2.25	0.87	0.47
17	1.18	0.10	0.17	1.46	0.46	0.25
18	1.42	1.53	2.61	1.76	0.57	0.31
19	2.71	0.01	0.02	1.94	1.23	0.67
20	0.81	0.29	0.48	1.67	1.11	0.61
21	1.63	1.01	1.70	1.90	1.22	0.67
22	0.83	0.26	0.44	1.35	0.33	0.18
23	1.69	1.46	2.46	1.47	0.75	0.41
24	1.02	0.06	0.10	2.48	0.96	0.52
25	1.16	0.11	0.19	1.66	0.70	0.38
26	1.24	0.21	0.36	2.14	1.47	0.80
27	2.12	2.51	4.23	1.10	0.35	0.19
28	0.83	0.21	0.35	1.30	0.57	0.31
29	1.10	0.24	0.40	1.87	0.76	0.41
30	1.06	0.67	1.12	1.54	1.27	0.69
31	3.79	1.02	1.72	2.07	1.68	0.92
32	1.44	1.01	1.70	2.73	0.83	0.45
33	1.23	0.11	0.19	1.94	0.75	0.41
34	0.84	0.26	0.44	2.34	0.80	0.44
35	0.89	0.13	0.21	1.57	0.52	0.28
36	0.92	0.25	0.42	1.37	0.61	0.33
37	3.24	0.64	1.07	1.98	1.44	0.79
38	1.69	0.71	1.19	1.81	0.63	0.35
39	0.84	0.18	0.30	1.69	0.61	0.34
40	0.89	0.33	0.56	3.07	1.60	0.87
41	2.22	0.89	1.49	2.65	1.78	0.97
42	1.70	1.94	3.27	2.02	0.28	0.15
43	0.73	0.21	0.35	1.31	0.78	0.42
44	0.96	0.37	0.62	1.89	0.43	0.23
45	1.01	0.14	0.23	1.42	0.56	0.30
46	2.16	0.49	0.83	1.49	0.77	0.42
47	0.81	0.36	0.60	1.65	0.81	0.44
48	1.00	0.02	0.04	2.39	1.08	0.59
49	1.25	0.17	0.28	1.90	0.59	0.32
50	0.79	0.13	0.22	2.04	0.64	0.35
51	1.94	0.31	0.52	1.85	1.82	0.99
52	1.15	0.32	0.53	1.52	0.61	0.33
53	2.02	2.24	3.78	1.26	0.30	0.16
54	0.86	0.21	0.35	1.14	0.48	0.26
55	2.51	0.66	1.11	2.26	1.48	0.81
56	2.10	2.48	4.18	2.80	1.26	0.69
57	1.29	0.11	0.19	1.86	0.82	0.44
58	0.84	0.28	0.47	2.25	0.64	0.35
59	1.07	0.71	1.19	2.20	1.96	1.07
60	1.11	0.06	0.10	1.71	0.62	0.34
61	4.78	1.29	2.17	2.20	2.50	1.36
62	1.00	0.48	0.81	2.20	1.12	0.61
63	1.25	0.64	1.07	1.95	0.67	0.37
64	1.14	0.06	0.10	2.77	0.93	0.51
65	1.20	0.19	0.33	1.78	0.48	0.26
66	0.88	0.25	0.42	2.63	1.02	0.56
67	1.39	0.10	0.17	1.31	0.47	0.25
68	0.80	0.25	0.42	1.34	0.48	0.26
69	0.92	0.25	0.42	1.35	0.57	0.31
70	0.78	0.30	0.51	2.01	0.81	0.44
71	2.55	0.68	1.15	1.94	1.02	0.56
72	0.93	0.16	0.26	2.84	1.15	0.63
73	3.26	0.00	0.01	2.43	1.28	0.70
74	1.53	0.70	1.18	2.91	1.14	0.62
75	1.79	1.38	2.33	1.66	0.61	0.33
76	3.07	0.93	1.56	2.29	2.60	1.42
77	1.02	0.32	0.54	1.69	0.66	0.36
78	1.12	0.70	1.18	2.64	0.86	0.47
79	3.49	4.65	7.84	2.07	1.52	0.83
80	1.68	1.57	2.65	2.74	0.92	0.50

Annual Required Maintenance

Yr	Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.20	0.10	0.07	0.30	0.00	0.00
2	0.90	0.11	0.07	0.87	0.00	0.00
3	1.02	0.11	0.07	1.07	0.00	0.00
4	1.09	0.10	0.07	1.26	0.00	0.00
5	1.14	0.12	0.08	1.39	0.00	0.00
6	1.20	0.10	0.06	1.26	0.00	0.00
7	1.20	0.13	0.08	1.35	0.00	0.00
8	1.34	0.11	0.07	1.65	0.00	0.00
9	1.53	0.08	0.05	1.41	0.00	0.00
10	1.47	0.09	0.06	1.37	0.00	0.00
11	1.68	0.21	0.14	1.50	0.00	0.00
12	1.48	0.08	0.06	1.44	0.00	0.00
13	1.54	0.15	0.10	1.95	0.00	0.00
14	1.29	0.07	0.05	1.31	0.00	0.00
15	1.45	0.22	0.15	1.57	0.00	0.00
16	1.44	0.16	0.11	1.51	0.00	0.00
17	1.29	0.13	0.09	1.28	0.00	0.00
18	1.28	0.17	0.11	1.33	0.00	0.00
19	1.32	0.13	0.09	1.44	0.00	0.00
20	1.39	0.12	0.08	1.41	0.00	0.00
21	1.79	0.40	0.27	1.46	0.00	0.00
22	1.46	0.24	0.16	1.31	0.00	0.00
23	1.37	0.25	0.16	1.39	0.00	0.00
24	1.53	0.18	0.12	1.61	0.00	0.00
25	1.49	0.13	0.09	1.39	0.00	0.00
26	1.61	0.17	0.11	2.00	0.00	0.00
27	1.25	0.10	0.07	1.41	0.00	0.00
28	1.38	0.11	0.07	1.52	0.00	0.00
29	1.47	0.27	0.18	1.39	0.00	0.00
30	1.29	0.10	0.07	1.54	0.00	0.00
31	1.52	0.22	0.15	1.35	0.00	0.00
32	1.43	0.07	0.05	1.25	0.00	0.00
33	1.45	0.17	0.11	1.43	0.00	0.00
34	1.34	0.15	0.10	1.29	0.00	0.00
35	1.38	0.16	0.11	1.39	0.00	0.00
36	1.41	0.15	0.10	1.31	0.00	0.00
37	1.34	0.10	0.06	1.43	0.00	0.00
38	1.30	0.16	0.10	2.06	0.00	0.00
39	1.19	0.13	0.09	1.09	0.00	0.00
40	1.13	0.11	0.07	1.09	0.00	0.00
41	1.53	0.35	0.24	1.39	0.00	0.00
42	1.12	0.13	0.08	1.30	0.00	0.00
43	1.41	0.24	0.16	1.30	0.00	0.00
44	1.31	0.13	0.09	1.38	0.00	0.00
45	1.47	0.22	0.15	1.46	0.00	0.00
46	1.52	0.12	0.08	1.44	0.00	0.00
47	1.28	0.12	0.08	1.21	0.00	0.00
48	1.42	0.23	0.15	1.85	0.00	0.00
49	1.55	0.09	0.06	1.34	0.00	0.00
50	1.47	0.13	0.09	1.35	0.00	0.00
51	1.78	0.34	0.23	2.13	0.00	0.00
52	1.35	0.10	0.07	1.37	0.00	0.00
53	1.33	0.11	0.08	1.31	0.00	0.00
54	1.30	0.10	0.06	1.24	0.00	0.00
55	1.49	0.16	0.10	1.68	0.00	0.00
56	1.45	0.16	0.10	1.42	0.00	0.00
57	1.41	0.26	0.17	1.20	0.00	0.00
58	1.39	0.22	0.15	1.44	0.00	0.00
59	1.26	0.11	0.08	1.44	0.00	0.00
60	1.38	0.06	0.04	1.28	0.00	0.00
61	1.73	0.39	0.26	1.33	0.00	0.00
62	1.30	0.06	0.04	1.35	0.00	0.00
63	1.33	0.10	0.07	1.98	0.00	0.00
64	1.35	0.09	0.06	1.25	0.00	0.00
65	1.42	0.10	0.07	1.31	0.00	0.00
66	1.41	0.11	0.08	1.57	0.00	0.00
67	1.33	0.10	0.07	1.44	0.00	0.00
68	1.36	0.14	0.10	1.48	0.00	0.00
69	1.45	0.19	0.12	1.29	0.00	0.00
70	1.28	0.13	0.09	1.44	0.00	0.00
71	1.71	0.50	0.34	1.87	0.00	0.00
72	1.39	0.09	0.06	1.20	0.00	0.00
73	1.50	0.23	0.15	1.37	0.00	0.00
74	1.26	0.10	0.07	1.30	0.00	0.00
75	1.36	0.12	0.08	1.90	0.00	0.00
76	1.55	0.24	0.16	1.48	0.00	0.00
77	1.33	0.10	0.06	1.28	0.00	0.00
78	1.23	0.11	0.07	1.48	0.00	0.00
79	1.24	0.08	0.06	1.18	0.00	0.00
80	1.24	0.19	0.13	1.24	0.00	0.00

Major Component Replacement

Yr	Perm Buildings Mean	Perm Buildings SDev	Perm Buildings 90% +/-	Temp Buildings Mean	Temp Buildings SDev	Temp Buildings 90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.02	0.06	0.04	0.00	0.00	0.00
5	0.11	0.17	0.12	0.00	0.00	0.00
6	0.01	0.01	0.01	0.00	0.00	0.00
7	0.00	0.01	0.01	0.00	0.00	0.00
8	0.34	0.20	0.14	1.37	0.00	0.00
9	0.65	0.40	0.27	0.18	0.00	0.00
10	0.23	0.13	0.08	0.18	0.00	0.00
11	0.40	0.22	0.15	0.26	0.00	0.00
12	0.49	0.18	0.12	0.22	0.00	0.00
13	1.12	0.61	0.41	0.70	0.00	0.00
14	0.60	0.69	0.46	0.07	0.00	0.00
15	1.94	1.49	1.00	0.33	0.00	0.00
16	1.08	0.74	0.50	1.57	0.00	0.00
17	1.45	0.82	0.55	0.17	0.00	0.00
18	0.60	0.30	0.20	0.83	0.00	0.00
19	2.19	1.67	1.12	3.90	0.00	0.00
20	1.89	1.46	0.98	1.29	0.00	0.00
21	1.33	0.62	0.41	0.30	0.00	0.00
22	1.04	0.23	0.15	1.17	0.00	0.00
23	0.59	0.29	0.20	1.61	0.00	0.00
24	0.56	0.44	0.30	0.13	0.00	0.00
25	0.91	0.60	0.40	0.30	0.00	0.00
26	0.81	0.49	0.33	0.82	0.00	0.00
27	1.30	0.75	0.51	0.17	0.00	0.00
28	1.47	0.40	0.27	2.15	0.00	0.00
29	2.09	1.56	1.05	4.66	0.00	0.00
30	1.52	0.83	0.56	1.55	0.00	0.00
31	4.70	2.65	1.78	3.72	0.00	0.00
32	0.76	0.32	0.21	0.48	0.00	0.00
33	1.81	0.84	0.56	1.13	0.00	0.00
34	0.95	0.52	0.35	0.33	0.00	0.00
35	0.56	0.19	0.13	0.53	0.00	0.00
36	0.53	0.11	0.07	0.59	0.00	0.00
37	1.93	0.97	0.65	2.85	0.00	0.00
38	1.55	1.13	0.76	3.50	0.00	0.00
39	1.36	0.82	0.55	0.60	0.00	0.00
40	3.15	2.22	1.49	2.28	0.00	0.00
41	2.93	1.11	0.75	1.74	0.00	0.00
42	0.95	0.51	0.34	0.40	0.00	0.00
43	1.49	0.85	0.57	1.35	0.00	0.00
44	1.25	1.01	0.68	0.42	0.00	0.00
45	0.73	0.41	0.27	1.33	0.00	0.00
46	0.83	0.42	0.28	1.20	0.00	0.00
47	0.91	0.30	0.20	1.26	0.00	0.00
48	0.66	0.21	0.14	1.03	0.00	0.00
49	1.87	1.02	0.69	0.74	0.00	0.00
50	0.87	0.35	0.24	0.53	0.00	0.00
51	1.07	0.58	0.39	2.12	0.00	0.00
52	1.44	0.95	0.63	1.11	0.00	0.00
53	1.66	1.20	0.81	1.64	0.00	0.00
54	0.71	0.47	0.31	0.21	0.00	0.00
55	1.82	0.59	0.40	3.29	0.00	0.00
56	1.17	1.12	0.75	0.31	0.00	0.00
57	2.73	1.41	0.95	5.69	0.00	0.00
58	1.82	1.05	0.71	1.07	0.00	0.00
59	2.30	1.36	0.91	2.49	0.00	0.00
60	1.38	0.77	0.52	1.26	0.00	0.00
61	4.80	3.92	2.63	3.41	0.00	0.00
62	0.54	0.10	0.07	0.47	0.00	0.00
63	0.80	0.23	0.16	1.11	0.00	0.00
64	0.44	0.08	0.06	0.30	0.00	0.00
65	1.91	0.74	0.50	0.48	0.00	0.00
66	0.68	0.66	0.44	0.25	0.00	0.00
67	1.07	0.79	0.53	0.96	0.00	0.00
68	0.98	0.34	0.23	1.04	0.00	0.00
69	1.05	0.60	0.40	0.40	0.00	0.00
70	1.25	0.99	0.66	0.44	0.00	0.00
71	2.60	1.44	0.97	0.85	0.00	0.00
72	2.27	0.94	0.63	1.09	0.00	0.00
73	3.07	0.84	0.56	3.49	0.00	0.00
74	2.07	0.98	0.66	0.99	0.00	0.00
75	1.29	1.10	0.74	2.07	0.00	0.00
76	4.02	3.12	2.10	3.53	0.00	0.00
77	0.91	0.43	0.29	0.34	0.00	0.00
78	1.90	0.63	0.42	1.86	0.00	0.00
79	3.50	2.44	1.64	1.99	0.00	0.00
80	1.41	0.86	0.58	0.57	0.00	0.00

Yr	Total Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Building Mean	SDev	90% +/-
1	0.20	0.10	0.07	0.30	0.00	0.00
2	0.90	0.11	0.07	0.87	0.00	0.00
3	1.03	0.11	0.07	1.07	0.00	0.00
4	1.11	0.11	0.07	1.26	0.00	0.00
5	1.25	0.23	0.15	1.39	0.00	0.00
6	1.22	0.11	0.07	1.26	0.00	0.00
7	1.21	0.13	0.09	1.35	0.00	0.00
8	1.68	0.28	0.18	3.02	0.00	0.00
9	2.18	0.43	0.29	1.59	0.00	0.00
10	1.70	0.08	0.05	1.55	0.00	0.00
11	2.08	0.27	0.18	1.76	0.00	0.00
12	1.97	0.14	0.09	1.67	0.00	0.00
13	2.66	0.73	0.49	2.65	0.00	0.00
14	1.89	0.70	0.47	1.38	0.00	0.00
15	3.39	1.55	1.04	1.90	0.00	0.00
16	2.52	0.62	0.42	3.08	0.00	0.00
17	2.74	0.87	0.59	1.44	0.00	0.00
18	1.88	0.28	0.19	2.16	0.00	0.00
19	3.50	1.74	1.17	5.35	0.00	0.00
20	3.28	1.43	0.96	2.69	0.00	0.00
21	3.12	0.75	0.51	1.76	0.00	0.00
22	2.50	0.13	0.09	2.49	0.00	0.00
23	1.96	0.32	0.21	3.01	0.00	0.00
24	2.09	0.51	0.34	1.74	0.00	0.00
25	2.40	0.67	0.45	1.69	0.00	0.00
26	2.41	0.41	0.27	2.82	0.00	0.00
27	2.55	0.73	0.49	1.57	0.00	0.00
28	2.85	0.45	0.30	3.67	0.00	0.00
29	3.56	1.79	1.20	6.05	0.00	0.00
30	2.82	0.83	0.56	3.08	0.00	0.00
31	6.22	2.79	1.87	5.07	0.00	0.00
32	2.19	0.25	0.17	1.73	0.00	0.00
33	3.26	0.90	0.60	2.56	0.00	0.00
34	2.29	0.62	0.41	1.61	0.00	0.00
35	1.94	0.16	0.11	1.93	0.00	0.00
36	1.94	0.16	0.11	1.90	0.00	0.00
37	3.27	1.01	0.68	4.28	0.00	0.00
38	2.85	1.20	0.81	5.56	0.00	0.00
39	2.55	0.81	0.55	1.69	0.00	0.00
40	4.28	2.20	1.48	3.37	0.00	0.00
41	4.46	1.37	0.92	3.14	0.00	0.00
42	2.07	0.42	0.28	1.70	0.00	0.00
43	2.90	0.88	0.59	2.65	0.00	0.00
44	2.55	0.94	0.63	1.80	0.00	0.00
45	2.20	0.47	0.32	2.78	0.00	0.00
46	2.35	0.43	0.29	2.64	0.00	0.00
47	2.19	0.28	0.18	2.47	0.00	0.00
48	2.07	0.31	0.21	2.88	0.00	0.00
49	3.42	1.04	0.70	2.08	0.00	0.00
50	2.34	0.42	0.28	1.89	0.00	0.00
51	2.85	0.85	0.57	4.26	0.00	0.00
52	2.80	0.90	0.60	2.47	0.00	0.00
53	2.98	1.24	0.83	2.95	0.00	0.00
54	2.01	0.47	0.32	1.44	0.00	0.00
55	3.30	0.59	0.40	4.97	0.00	0.00
56	2.61	1.18	0.79	1.73	0.00	0.00
57	4.15	1.56	1.05	6.88	0.00	0.00
58	3.21	0.93	0.62	2.51	0.00	0.00
59	3.55	1.34	0.90	3.93	0.00	0.00
60	2.76	0.76	0.51	2.54	0.00	0.00
61	6.53	4.21	2.83	4.74	0.00	0.00
62	1.85	0.07	0.05	1.82	0.00	0.00
63	2.13	0.27	0.18	3.08	0.00	0.00
64	1.79	0.15	0.10	1.55	0.00	0.00
65	3.33	0.78	0.53	1.80	0.00	0.00
66	2.09	0.66	0.44	1.82	0.00	0.00
67	2.40	0.85	0.57	2.41	0.00	0.00
68	2.34	0.47	0.32	2.52	0.00	0.00
69	2.51	0.75	0.51	1.69	0.00	0.00
70	2.53	0.93	0.63	1.89	0.00	0.00
71	4.32	1.74	1.17	2.72	0.00	0.00
72	3.66	0.92	0.62	2.29	0.00	0.00
73	4.57	0.82	0.55	4.85	0.00	0.00
74	3.34	1.08	0.73	2.29	0.00	0.00
75	2.66	1.10	0.74	3.97	0.00	0.00
76	5.57	3.34	2.24	5.01	0.00	0.00
77	2.24	0.42	0.28	1.61	0.00	0.00
78	3.13	0.65	0.44	3.34	0.00	0.00
79	4.74	2.43	1.63	3.18	0.00	0.00
80	2.64	0.77	0.52	1.81	0.00	0.00

Major Component Replacement

Yr	Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.02	0.06	0.04	0.00	0.00	0.00
5	0.11	0.17	0.12	0.00	0.00	0.00
6	0.01	0.01	0.01	0.00	0.00	0.00
7	0.00	0.01	0.01	0.00	0.00	0.00
8	0.34	0.20	0.14	1.37	0.00	0.00
9	0.65	0.40	0.27	0.18	0.00	0.00
10	0.23	0.13	0.08	0.18	0.00	0.00
11	0.40	0.22	0.15	0.26	0.00	0.00
12	0.49	0.18	0.12	0.22	0.00	0.00
13	1.12	0.61	0.41	0.70	0.00	0.00
14	0.60	0.69	0.46	0.07	0.00	0.00
15	1.94	1.49	1.00	0.33	0.00	0.00
16	1.08	0.74	0.50	1.57	0.00	0.00
17	1.45	0.82	0.55	0.17	0.00	0.00
18	0.60	0.30	0.20	0.83	0.00	0.00
19	2.19	1.67	1.12	3.90	0.00	0.00
20	1.89	1.46	0.98	1.29	0.00	0.00
21	1.33	0.62	0.41	0.30	0.00	0.00
22	1.04	0.23	0.15	1.17	0.00	0.00
23	0.59	0.29	0.20	1.61	0.00	0.00
24	0.56	0.44	0.30	0.13	0.00	0.00
25	0.91	0.60	0.40	0.30	0.00	0.00
26	0.81	0.49	0.33	0.82	0.00	0.00
27	1.30	0.75	0.51	0.17	0.00	0.00
28	1.47	0.40	0.27	2.15	0.00	0.00
29	2.09	1.56	1.05	4.66	0.00	0.00
30	1.52	0.83	0.56	1.55	0.00	0.00
31	4.70	2.65	1.78	3.72	0.00	0.00
32	0.76	0.32	0.21	0.48	0.00	0.00
33	1.81	0.84	0.56	1.13	0.00	0.00
34	0.95	0.52	0.35	0.33	0.00	0.00
35	0.56	0.19	0.13	0.53	0.00	0.00
36	0.53	0.11	0.07	0.59	0.00	0.00
37	1.93	0.97	0.65	2.85	0.00	0.00
38	1.55	1.13	0.76	3.50	0.00	0.00
39	1.36	0.82	0.55	0.60	0.00	0.00
40	3.15	2.22	1.49	2.28	0.00	0.00
41	2.93	1.11	0.75	1.74	0.00	0.00
42	0.95	0.51	0.34	0.40	0.00	0.00
43	1.49	0.85	0.57	1.35	0.00	0.00
44	1.25	1.01	0.68	0.42	0.00	0.00
45	0.73	0.41	0.27	1.33	0.00	0.00
46	0.83	0.42	0.28	1.20	0.00	0.00
47	0.91	0.30	0.20	1.26	0.00	0.00
48	0.66	0.21	0.14	1.03	0.00	0.00
49	1.87	1.02	0.69	0.74	0.00	0.00
50	0.87	0.35	0.24	0.53	0.00	0.00
51	1.07	0.58	0.39	2.12	0.00	0.00
52	1.44	0.95	0.63	1.11	0.00	0.00
53	1.66	1.20	0.81	1.64	0.00	0.00
54	0.71	0.47	0.31	0.21	0.00	0.00
55	1.82	0.59	0.40	3.29	0.00	0.00
56	1.17	1.12	0.75	0.31	0.00	0.00
57	2.73	1.41	0.95	5.69	0.00	0.00
58	1.82	1.05	0.71	1.07	0.00	0.00
59	2.30	1.36	0.91	2.49	0.00	0.00
60	1.38	0.77	0.52	1.26	0.00	0.00
61	4.80	3.92	2.63	3.41	0.00	0.00
62	0.54	0.10	0.07	0.47	0.00	0.00
63	0.80	0.23	0.16	1.11	0.00	0.00
64	0.44	0.08	0.06	0.30	0.00	0.00
65	1.91	0.74	0.50	0.48	0.00	0.00
66	0.68	0.66	0.44	0.25	0.00	0.00
67	1.07	0.79	0.53	0.96	0.00	0.00
68	0.98	0.34	0.23	1.04	0.00	0.00
69	1.05	0.60	0.40	0.40	0.00	0.00
70	1.25	0.99	0.66	0.44	0.00	0.00
71	2.60	1.44	0.97	0.85	0.00	0.00
72	2.27	0.94	0.63	1.09	0.00	0.00
73	3.07	0.84	0.56	3.49	0.00	0.00
74	2.07	0.98	0.66	0.99	0.00	0.00
75	1.29	1.10	0.74	2.07	0.00	0.00
76	4.02	3.12	2.10	3.53	0.00	0.00
77	0.91	0.43	0.29	0.34	0.00	0.00
78	1.90	0.63	0.42	1.86	0.00	0.00
79	3.50	2.44	1.64	1.99	0.00	0.00
80	1.41	0.86	0.58	0.57	0.00	0.00

Annual Required Maintenance

Yr	Pere Buildings Mean	SDev	90% +/-	Teem Buildings Mean	SDev	90% +/-
1	0.27	0.01	0.00	0.25	0.02	0.02
2	0.91	0.00	0.00	0.87	0.08	0.06
3	0.97	0.00	0.00	0.89	0.07	0.05
4	1.03	0.01	0.00	0.98	0.07	0.05
5	1.16	0.03	0.01	1.04	0.05	0.04
6	1.18	0.01	0.01	1.08	0.09	0.06
7	1.19	0.00	0.00	1.02	0.01	0.01
8	1.29	0.05	0.03	1.18	0.09	0.06
9	1.34	0.01	0.01	1.23	0.13	0.09
10	1.29	0.01	0.00	1.29	0.17	0.13
11	1.40	0.03	0.02	1.36	0.07	0.05
12	1.35	0.01	0.00	1.28	0.11	0.08
13	1.38	0.07	0.04	1.26	0.00	0.00
14	1.28	0.00	0.00	1.42	0.17	0.13
15	1.41	0.04	0.02	1.29	0.11	0.08
16	1.29	0.01	0.00	1.12	0.04	0.03
17	1.36	0.01	0.00	1.18	0.15	0.11
18	1.30	0.00	0.00	1.03	0.10	0.07
19	1.34	0.02	0.01	1.11	0.05	0.04
20	1.41	0.07	0.04	1.31	0.11	0.08
21	1.34	0.04	0.02	1.52	0.18	0.13
22	1.38	0.02	0.01	1.20	0.13	0.09
23	1.41	0.00	0.00	1.17	0.16	0.12
24	1.44	0.03	0.02	1.43	0.28	0.21
25	1.41	0.05	0.02	1.32	0.02	0.01
26	1.28	0.02	0.01	1.27	0.05	0.04
27	1.31	0.03	0.02	1.16	0.03	0.02
28	1.43	0.02	0.01	1.19	0.11	0.08
29	1.41	0.09	0.05	1.25	0.03	0.02
30	1.32	0.06	0.03	1.21	0.18	0.13
31	1.26	0.03	0.02	1.22	0.01	0.01
32	1.38	0.06	0.03	1.24	0.12	0.09
33	1.15	0.05	0.03	1.33	0.22	0.16
34	1.14	0.05	0.02	1.23	0.19	0.14
35	1.37	0.01	0.01	1.16	0.07	0.05
36	1.34	0.04	0.02	1.48	0.24	0.18
37	1.34	0.01	0.00	1.26	0.06	0.04
38	1.37	0.08	0.04	1.10	0.14	0.10
39	1.24	0.03	0.01	1.11	0.13	0.09
40	1.29	0.02	0.01	1.07	0.08	0.06
41	1.18	0.00	0.00	1.20	0.32	0.24
42	1.25	0.06	0.03	1.21	0.10	0.08
43	1.20	0.07	0.04	1.08	0.03	0.02
44	1.29	0.01	0.01	1.07	0.03	0.03
45	1.40	0.04	0.02	1.08	0.02	0.02
46	1.34	0.05	0.03	1.20	0.08	0.06
47	1.41	0.05	0.02	1.11	0.10	0.07
48	1.42	0.02	0.01	1.10	0.05	0.04
49	1.48	0.07	0.03	1.51	0.18	0.13
50	1.37	0.06	0.03	1.28	0.09	0.06
51	1.36	0.05	0.02	1.28	0.01	0.01
52	1.34	0.05	0.03	1.42	0.26	0.19
53	1.34	0.01	0.00	1.20	0.18	0.13
54	1.32	0.04	0.02	1.21	0.15	0.11
55	1.39	0.04	0.02	1.36	0.11	0.08
56	1.33	0.00	0.00	1.21	0.07	0.05
57	1.40	0.01	0.01	1.13	0.00	0.00
58	1.29	0.04	0.02	1.16	0.20	0.15
59	1.32	0.02	0.01	1.07	0.03	0.03
60	1.35	0.00	0.00	1.26	0.15	0.11
61	1.35	0.03	0.01	1.68	0.23	0.17
62	1.30	0.00	0.00	1.14	0.13	0.10
63	1.23	0.09	0.05	1.15	0.05	0.04
64	1.22	0.06	0.03	1.36	0.15	0.11
65	1.43	0.01	0.01	1.24	0.15	0.11
66	1.26	0.02	0.01	1.24	0.15	0.11
67	1.31	0.06	0.03	1.19	0.15	0.11
68	1.30	0.02	0.01	1.18	0.10	0.07
69	1.36	0.06	0.03	1.11	0.04	0.03
70	1.32	0.03	0.02	1.17	0.06	0.04
71	1.31	0.01	0.01	1.27	0.05	0.04
72	1.45	0.02	0.01	1.16	0.10	0.07
73	1.45	0.01	0.01	1.44	0.14	0.10
74	1.33	0.00	0.00	1.13	0.10	0.07
75	1.40	0.01	0.01	1.17	0.14	0.10
76	1.29	0.01	0.00	1.42	0.12	0.09
77	1.40	0.03	0.02	1.14	0.15	0.11
78	1.24	0.01	0.00	1.12	0.12	0.09
79	1.37	0.00	0.00	1.20	0.17	0.13
80	1.24	0.04	0.02	1.09	0.11	0.08

Yr	Major Component Replacement Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.03	0.00	0.00	0.00	0.00	0.00
4	0.02	0.01	0.01	0.00	0.00	0.00
5	0.03	0.00	0.00	0.00	0.00	0.00
6	0.03	0.01	0.01	0.00	0.00	0.00
7	0.16	0.07	0.04	0.17	0.11	0.08
8	0.10	0.06	0.03	0.33	0.21	0.15
9	0.21	0.03	0.01	0.28	0.07	0.05
10	0.19	0.04	0.02	0.39	0.16	0.11
11	0.51	0.24	0.13	0.87	0.26	0.19
12	0.66	0.28	0.14	0.40	0.11	0.08
13	0.76	0.27	0.14	0.89	0.29	0.21
14	1.14	0.27	0.14	0.60	0.19	0.14
15	1.15	0.49	0.26	1.15	0.23	0.17
16	0.61	0.46	0.24	1.18	0.39	0.28
17	0.98	0.20	0.11	0.91	0.35	0.26
18	0.49	0.18	0.09	1.19	0.65	0.47
19	0.66	0.10	0.05	1.82	0.36	0.26
20	0.99	0.10	0.05	0.71	0.33	0.24
21	0.24	0.02	0.01	1.13	0.05	0.04
22	0.67	0.20	0.10	0.50	0.10	0.07
23	1.52	0.30	0.15	0.77	0.39	0.29
24	0.23	0.03	0.02	1.02	0.05	0.03
25	1.03	0.25	0.13	0.80	0.31	0.22
26	1.57	0.54	0.28	1.10	0.32	0.23
27	1.28	0.35	0.18	0.63	0.16	0.11
28	1.58	0.06	0.03	0.94	0.35	0.26
29	1.74	0.25	0.13	1.14	0.54	0.39
30	0.67	0.18	0.09	1.07	0.46	0.34
31	0.65	0.14	0.07	1.31	0.74	0.54
32	1.27	0.08	0.04	1.98	1.08	0.79
33	1.13	0.09	0.05	0.97	0.07	0.05
34	0.96	0.06	0.03	1.54	0.64	0.47
35	1.47	0.24	0.12	0.93	0.47	0.35
36	0.61	0.05	0.03	0.83	0.34	0.25
37	0.69	0.25	0.14	1.48	0.55	0.41
38	0.91	0.01	0.01	0.96	0.40	0.29
39	0.96	0.30	0.15	1.37	0.54	0.40
40	1.70	0.37	0.19	1.49	0.67	0.49
41	1.26	0.17	0.09	2.51	0.18	0.13
42	0.90	0.62	0.32	1.00	0.04	0.03
43	0.51	0.24	0.13	1.07	0.46	0.34
44	0.59	0.23	0.12	0.58	0.21	0.15
45	1.11	0.49	0.26	0.92	0.43	0.32
46	0.41	0.03	0.01	0.75	0.07	0.05
47	0.45	0.32	0.17	0.94	0.39	0.29
48	0.35	0.02	0.01	0.90	0.31	0.23
49	0.45	0.15	0.08	1.05	0.31	0.23
50	0.61	0.17	0.09	0.85	0.42	0.31
51	1.33	0.84	0.44	0.94	0.55	0.40
52	1.09	0.31	0.16	0.89	0.33	0.24
53	1.38	0.47	0.24	0.58	0.24	0.18
54	1.46	0.28	0.14	0.81	0.33	0.24
55	1.50	0.47	0.24	1.48	0.52	0.38
56	1.69	0.13	0.07	1.91	1.03	0.76
57	1.29	0.53	0.27	1.72	0.07	0.05
58	1.30	0.15	0.08	1.38	0.72	0.53
59	2.09	0.14	0.07	1.41	0.57	0.42
60	0.54	0.02	0.01	1.50	0.70	0.51
61	0.79	0.10	0.05	1.44	1.31	0.96
62	1.84	0.16	0.09	1.37	0.75	0.55
63	0.96	0.35	0.18	0.81	0.30	0.22
64	0.79	0.42	0.22	1.59	0.79	0.58
65	2.15	0.26	0.13	0.84	0.38	0.28
66	0.88	0.56	0.29	1.15	0.40	0.29
67	1.09	0.02	0.01	0.94	0.38	0.28
68	1.93	0.34	0.18	1.18	0.59	0.43
69	1.19	0.01	0.01	1.06	0.15	0.11
70	1.24	0.10	0.05	1.45	0.68	0.49
71	0.95	0.37	0.19	1.55	0.57	0.42
72	2.87	1.02	0.53	4.77	2.75	2.02
73	2.31	1.63	0.85	2.00	0.42	0.31
74	1.13	0.55	0.29	1.84	0.87	0.64
75	3.11	0.57	0.30	1.64	0.68	0.50
76	1.15	0.32	0.17	3.96	1.67	1.22
77	1.08	0.00	0.00	1.64	0.73	0.53
78	3.98	0.16	0.09	1.47	0.54	0.40
79	1.32	0.60	0.31	1.47	0.19	0.14
80	0.88	0.19	0.10	3.97	2.22	1.63

Yr	Total Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.27	0.01	0.00	0.25	0.02	0.02
2	0.91	0.00	0.00	0.87	0.08	0.06
3	1.00	0.01	0.00	0.89	0.07	0.05
4	1.05	0.01	0.00	0.98	0.07	0.05
5	1.19	0.02	0.01	1.04	0.05	0.04
6	1.21	0.00	0.00	1.08	0.09	0.06
7	1.34	0.06	0.03	1.19	0.10	0.07
8	1.39	0.11	0.06	1.51	0.29	0.22
9	1.56	0.04	0.02	1.51	0.19	0.14
10	1.48	0.03	0.02	1.69	0.33	0.24
11	1.91	0.28	0.14	2.23	0.33	0.24
12	2.14	0.27	0.14	1.68	0.22	0.16
13	2.14	0.20	0.10	2.16	0.29	0.21
14	2.42	0.27	0.14	2.03	0.36	0.27
15	2.56	0.46	0.24	2.44	0.35	0.25
16	1.90	0.47	0.24	2.30	0.43	0.32
17	2.34	0.20	0.10	2.08	0.50	0.37
18	1.79	0.18	0.09	2.23	0.74	0.54
19	2.00	0.11	0.06	2.93	0.31	0.23
20	2.40	0.18	0.09	2.02	0.44	0.32
21	1.58	0.01	0.01	2.65	0.23	0.17
22	2.05	0.18	0.09	1.70	0.23	0.17
23	2.93	0.29	0.15	1.94	0.55	0.40
24	1.68	0.00	0.00	2.45	0.33	0.24
25	2.44	0.20	0.10	2.13	0.29	0.21
26	2.85	0.52	0.27	2.36	0.37	0.27
27	2.59	0.38	0.20	1.79	0.19	0.14
28	3.01	0.08	0.04	2.13	0.47	0.34
29	3.15	0.15	0.08	2.40	0.50	0.37
30	1.99	0.12	0.06	2.28	0.64	0.47
31	1.91	0.17	0.09	2.53	0.74	0.54
32	2.75	0.14	0.07	3.22	1.19	0.87
33	2.28	0.03	0.02	2.30	0.15	0.11
34	2.10	0.01	0.00	2.76	0.83	0.61
35	2.83	0.22	0.12	2.09	0.55	0.40
36	1.96	0.09	0.05	2.32	0.58	0.42
37	2.02	0.27	0.14	2.74	0.50	0.36
38	2.28	0.10	0.05	2.07	0.55	0.40
39	2.20	0.33	0.17	2.48	0.67	0.49
40	2.99	0.35	0.18	2.56	0.75	0.55
41	2.44	0.17	0.09	3.71	0.50	0.37
42	2.14	0.56	0.29	2.21	0.06	0.05
43	1.71	0.17	0.09	2.14	0.43	0.31
44	1.88	0.22	0.11	1.65	0.24	0.18
45	2.52	0.45	0.24	1.99	0.46	0.33
46	1.75	0.08	0.04	1.94	0.16	0.11
47	1.86	0.27	0.14	2.05	0.49	0.36
48	1.77	0.00	0.00	2.11	0.36	0.27
49	1.93	0.22	0.11	2.55	0.50	0.36
50	1.98	0.11	0.06	2.13	0.51	0.37
51	2.69	0.79	0.41	2.23	0.56	0.41
52	2.44	0.25	0.13	2.31	0.58	0.43
53	2.71	0.48	0.25	1.78	0.42	0.31
54	2.78	0.32	0.16	2.02	0.48	0.35
55	2.89	0.43	0.22	2.85	0.41	0.30
56	3.02	0.14	0.07	3.11	1.10	0.81
57	2.69	0.54	0.28	2.85	0.06	0.05
58	2.60	0.19	0.10	2.54	0.92	0.68
59	3.41	0.12	0.06	2.49	0.60	0.44
60	1.89	0.03	0.01	2.76	0.84	0.62
61	2.14	0.13	0.07	3.12	1.54	1.13
62	3.14	0.16	0.08	2.51	0.88	0.65
63	2.18	0.26	0.14	1.96	0.35	0.26
64	2.00	0.48	0.25	2.96	0.94	0.69
65	3.58	0.24	0.12	2.08	0.53	0.39
66	2.14	0.55	0.28	2.39	0.55	0.40
67	2.40	0.04	0.02	2.12	0.54	0.40
68	3.23	0.36	0.19	2.36	0.69	0.50
69	2.55	0.05	0.02	2.17	0.11	0.08
70	2.55	0.07	0.04	2.62	0.73	0.54
71	2.26	0.38	0.20	2.82	0.51	0.38
72	4.32	1.04	0.54	5.93	2.85	2.09
73	3.76	1.64	0.85	3.44	0.28	0.20
74	2.46	0.55	0.29	2.98	0.97	0.71
75	4.51	0.56	0.29	2.81	0.82	0.60
76	2.44	0.33	0.17	5.38	1.80	1.32
77	2.48	0.03	0.02	2.78	0.88	0.64
78	5.22	0.16	0.08	2.59	0.67	0.49
79	2.69	0.59	0.31	2.67	0.36	0.26
80	2.13	0.24	0.12	5.06	2.32	1.70

Annual Required Maintenance

Yr	Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.20	0.09	0.01	0.17	0.06	0.00
2	0.56	0.21	0.03	0.40	0.16	0.01
3	0.59	0.22	0.03	0.42	0.17	0.01
4	0.66	0.23	0.03	0.53	0.18	0.01
5	0.69	0.23	0.03	0.54	0.20	0.01
6	0.72	0.23	0.03	0.50	0.22	0.01
7	0.71	0.23	0.03	0.54	0.22	0.01
8	0.78	0.24	0.03	0.61	0.22	0.01
9	0.84	0.26	0.03	0.61	0.24	0.01
10	0.30	0.25	0.03	0.57	0.25	0.01
11	0.85	0.27	0.03	0.63	0.24	0.01
12	0.84	0.27	0.04	0.65	0.23	0.01
13	1.04	0.48	0.06	0.57	0.25	0.01
14	0.81	0.26	0.03	0.57	0.26	0.01
15	1.02	0.48	0.06	0.64	0.24	0.01
16	0.89	0.35	0.04	0.65	0.23	0.01
17	0.82	0.28	0.04	0.54	0.21	0.01
18	1.00	0.52	0.07	0.56	0.22	0.01
19	0.85	0.25	0.03	0.68	0.23	0.01
20	0.91	0.27	0.03	0.70	0.26	0.01
21	0.96	0.27	0.03	0.63	0.26	0.01
22	0.85	0.28	0.04	0.71	0.23	0.01
23	0.84	0.27	0.04	0.70	0.25	0.01
24	0.93	0.24	0.03	0.63	0.25	0.01
25	0.87	0.31	0.04	0.64	0.25	0.01
26	1.03	0.65	0.08	0.65	0.24	0.01
27	0.83	0.26	0.03	0.61	0.23	0.01
28	1.08	0.49	0.06	0.58	0.24	0.01
29	0.88	0.29	0.04	0.62	0.24	0.01
30	0.98	0.47	0.06	0.62	0.22	0.01
31	0.87	0.38	0.05	0.53	0.23	0.01
32	0.84	0.29	0.04	0.53	0.24	0.01
33	1.01	0.52	0.07	0.62	0.22	0.01
34	0.77	0.26	0.03	0.62	0.23	0.01
35	0.78	0.25	0.03	0.53	0.25	0.01
36	0.81	0.26	0.03	0.59	0.24	0.01
37	0.85	0.25	0.03	0.69	0.25	0.01
38	0.81	0.25	0.03	0.63	0.24	0.01
39	0.78	0.24	0.03	0.56	0.23	0.01
40	0.77	0.25	0.03	0.59	0.20	0.01
41	0.82	0.29	0.04	0.63	0.22	0.01
42	0.75	0.26	0.03	0.57	0.24	0.01
43	0.97	0.50	0.06	0.59	0.23	0.01
44	0.82	0.27	0.04	0.67	0.23	0.01
45	1.08	0.58	0.07	0.64	0.21	0.01
46	0.93	0.35	0.05	0.57	0.23	0.01
47	0.83	0.32	0.04	0.56	0.23	0.01
48	1.12	0.52	0.07	0.58	0.25	0.01
49	0.89	0.30	0.04	0.59	0.26	0.01
50	0.86	0.28	0.04	0.61	0.23	0.01
51	1.07	0.66	0.09	0.68	0.26	0.01
52	0.86	0.29	0.04	0.63	0.27	0.01
53	0.85	0.26	0.03	0.55	0.25	0.01
54	0.82	0.26	0.03	0.60	0.22	0.01
55	0.88	0.27	0.03	0.65	0.26	0.01
56	0.87	0.27	0.03	0.63	0.24	0.01
57	0.85	0.26	0.03	0.60	0.23	0.01
58	1.04	0.56	0.07	0.64	0.22	0.01
59	0.78	0.25	0.03	0.63	0.22	0.01
60	1.03	0.49	0.06	0.58	0.24	0.01
61	0.90	0.40	0.05	0.58	0.25	0.01
62	0.79	0.29	0.04	0.64	0.22	0.01
63	0.94	0.48	0.06	0.61	0.24	0.01
64	0.82	0.26	0.03	0.59	0.24	0.01
65	0.83	0.28	0.04	0.64	0.24	0.01
66	0.81	0.26	0.03	0.66	0.24	0.01
67	0.78	0.28	0.04	0.60	0.23	0.01
68	0.83	0.26	0.03	0.55	0.23	0.01
69	0.83	0.30	0.04	0.62	0.21	0.01
70	0.79	0.25	0.03	0.64	0.23	0.01
71	0.94	0.29	0.04	0.56	0.25	0.01
72	0.85	0.28	0.04	0.62	0.21	0.01
73	1.08	0.50	0.06	0.62	0.23	0.01
74	0.85	0.26	0.03	0.55	0.23	0.01
75	1.04	0.47	0.06	0.54	0.23	0.01
76	1.03	0.68	0.09	0.62	0.23	0.01
77	0.86	0.29	0.04	0.59	0.23	0.01
78	0.97	0.48	0.06	0.53	0.24	0.01
79	0.80	0.25	0.03	0.59	0.22	0.01
80	0.79	0.26	0.03	0.62	0.21	0.01

Yr	Major Component Replacement Pera Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.07	0.01	0.00	0.02	0.00
3	0.01	0.07	0.01	0.00	0.03	0.00
4	0.05	0.12	0.02	0.01	0.06	0.00
5	0.05	0.12	0.02	0.02	0.06	0.00
6	0.02	0.08	0.01	0.05	0.06	0.00
7	0.09	0.18	0.02	0.19	0.17	0.01
8	0.24	0.31	0.04	0.30	0.28	0.01
9	0.37	0.47	0.06	0.35	0.29	0.02
10	0.15	0.14	0.02	0.29	0.14	0.01
11	0.35	0.28	0.04	0.28	0.14	0.01
12	0.39	0.26	0.03	0.21	0.10	0.01
13	0.50	0.32	0.04	0.23	0.15	0.01
14	0.58	0.61	0.08	0.36	0.19	0.01
15	0.83	0.56	0.07	0.45	0.26	0.01
16	0.70	0.45	0.06	0.56	0.31	0.02
17	0.65	0.53	0.07	0.58	0.30	0.02
18	0.48	0.33	0.04	0.72	0.26	0.01
19	0.83	0.91	0.12	0.64	0.30	0.02
20	0.52	0.35	0.04	0.52	0.23	0.01
21	0.60	0.37	0.05	0.50	0.31	0.02
22	0.47	0.26	0.03	0.36	0.17	0.01
23	0.51	0.36	0.05	0.45	0.27	0.01
24	0.45	0.33	0.04	0.49	0.32	0.02
25	0.80	0.67	0.09	0.51	0.35	0.02
26	1.04	2.07	0.27	0.54	0.24	0.01
27	0.91	0.87	0.11	0.41	0.26	0.01
28	1.03	0.77	0.10	0.41	0.21	0.01
29	1.00	0.81	0.10	0.59	0.69	0.04
30	1.15	0.83	0.11	0.54	0.25	0.01
31	1.25	1.76	0.23	0.72	0.41	0.02
32	1.02	0.75	0.10	0.89	0.38	0.02
33	1.25	0.77	0.10	0.80	0.38	0.02
34	0.74	0.40	0.05	0.65	0.29	0.02
35	0.57	0.25	0.03	0.69	0.31	0.02
36	0.61	0.31	0.04	0.59	0.24	0.01
37	0.90	0.81	0.10	0.67	0.35	0.02
38	0.64	0.34	0.04	0.67	0.24	0.01
39	0.88	0.52	0.07	0.84	0.32	0.02
40	1.15	0.70	0.09	0.91	0.39	0.02
41	1.05	0.65	0.08	0.81	0.50	0.03
42	0.49	0.35	0.05	0.53	0.31	0.02
43	0.47	0.31	0.04	0.45	0.16	0.01
44	0.50	0.36	0.05	0.45	0.19	0.01
45	0.55	0.28	0.04	0.43	0.16	0.01
46	0.38	0.24	0.03	0.41	0.18	0.01
47	0.40	0.27	0.04	0.49	0.23	0.01
48	0.49	0.37	0.05	0.47	0.28	0.01
49	0.77	0.66	0.09	0.58	0.34	0.02
50	0.47	0.27	0.03	0.60	0.21	0.01
51	0.94	2.12	0.27	0.46	0.23	0.01
52	0.90	0.61	0.08	0.50	0.23	0.01
53	0.78	0.77	0.10	0.53	0.26	0.01
54	0.97	0.66	0.08	0.47	0.22	0.01
55	1.00	0.85	0.11	0.67	0.36	0.02
56	0.82	0.39	0.05	1.07	0.47	0.03
57	1.28	0.68	0.09	1.16	0.79	0.04
58	1.10	0.80	0.10	1.04	0.41	0.02
59	1.19	0.80	0.10	0.82	0.37	0.02
60	1.02	0.76	0.10	0.68	0.29	0.02
61	1.19	1.87	0.24	0.70	0.74	0.04
62	0.90	0.83	0.11	0.58	0.41	0.02
63	0.91	0.78	0.10	0.64	0.43	0.02
64	0.91	0.69	0.09	0.74	0.52	0.03
65	1.18	1.36	0.18	0.76	0.49	0.03
66	0.69	0.68	0.09	0.62	0.43	0.02
67	0.96	0.56	0.07	0.55	0.25	0.01
68	0.90	0.75	0.10	0.73	0.51	0.03
69	0.98	0.53	0.07	0.60	0.37	0.02
70	0.96	0.61	0.08	0.63	0.39	0.02
71	1.23	0.83	0.11	0.94	0.72	0.04
72	1.01	0.58	0.07	1.07	0.45	0.02
73	1.59	1.19	0.15	1.19	0.58	0.03
74	1.00	0.45	0.06	1.02	0.43	0.02
75	1.21	1.25	0.16	0.96	0.49	0.03
76	1.21	2.23	0.29	0.78	0.44	0.02
77	0.87	0.54	0.07	0.76	0.40	0.02
78	0.94	0.63	0.08	0.87	0.47	0.03
79	1.15	0.86	0.11	0.70	0.43	0.02
80	1.11	0.65	0.08	0.79	0.43	0.02

Yr	Total Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.20	0.09	0.01	0.17	0.06	0.00
2	0.57	0.21	0.03	0.40	0.16	0.01
3	0.60	0.22	0.03	0.43	0.17	0.01
4	0.71	0.25	0.03	0.55	0.20	0.01
5	0.74	0.27	0.03	0.55	0.23	0.01
6	0.74	0.23	0.03	0.55	0.23	0.01
7	0.81	0.24	0.03	0.73	0.31	0.02
8	1.02	0.36	0.05	0.91	0.39	0.02
9	1.22	0.51	0.07	0.96	0.43	0.02
10	0.95	0.30	0.04	0.86	0.31	0.02
11	1.19	0.41	0.05	0.91	0.32	0.02
12	1.23	0.44	0.06	0.86	0.29	0.02
13	1.54	0.58	0.07	0.80	0.34	0.02
14	1.39	0.76	0.10	0.92	0.37	0.02
15	1.85	0.91	0.10	1.09	0.46	0.02
16	1.58	0.58	0.08	1.20	0.48	0.03
17	1.46	0.63	0.08	1.12	0.44	0.02
18	1.48	0.68	0.09	1.27	0.43	0.02
19	1.67	0.93	0.12	1.31	0.49	0.03
20	1.42	0.47	0.06	1.22	0.44	0.02
21	1.56	0.47	0.06	1.13	0.49	0.03
22	1.32	0.40	0.05	1.07	0.34	0.02
23	1.35	0.49	0.06	1.15	0.46	0.02
24	1.39	0.40	0.05	1.12	0.50	0.03
25	1.66	0.72	0.09	1.14	0.53	0.03
26	2.07	2.19	0.28	1.19	0.40	0.02
27	1.74	1.01	0.13	1.03	0.43	0.02
28	2.11	0.90	0.12	0.99	0.38	0.02
29	1.88	0.93	0.12	1.21	0.79	0.04
30	2.13	0.94	0.12	1.16	0.40	0.02
31	2.13	1.89	0.24	1.26	0.57	0.03
32	1.86	0.82	0.11	1.42	0.56	0.03
33	2.26	0.94	0.12	1.42	0.51	0.03
34	1.51	0.54	0.07	1.27	0.47	0.03
35	1.35	0.38	0.05	1.23	0.48	0.03
36	1.42	0.44	0.06	1.18	0.42	0.02
37	1.76	0.82	0.11	1.36	0.56	0.03
38	1.46	0.45	0.06	1.30	0.44	0.02
39	1.66	0.65	0.08	1.40	0.50	0.03
40	1.91	0.79	0.10	1.49	0.54	0.03
41	1.87	0.80	0.10	1.44	0.65	0.03
42	1.24	0.51	0.07	1.10	0.47	0.03
43	1.43	0.62	0.08	1.04	0.31	0.02
44	1.31	0.50	0.06	1.11	0.35	0.02
45	1.63	0.69	0.09	1.07	0.32	0.02
46	1.31	0.49	0.06	0.98	0.32	0.02
47	1.23	0.44	0.06	1.05	0.40	0.02
48	1.61	0.69	0.09	1.05	0.45	0.02
49	1.66	0.72	0.09	1.17	0.53	0.03
50	1.33	0.50	0.06	1.20	0.37	0.02
51	2.01	2.26	0.29	1.13	0.42	0.02
52	1.76	0.74	0.10	1.13	0.44	0.02
53	1.63	0.89	0.12	1.08	0.43	0.02
54	1.79	0.76	0.10	1.07	0.39	0.02
55	1.88	0.89	0.12	1.32	0.57	0.03
56	1.69	0.54	0.07	1.70	0.65	0.03
57	2.13	0.75	0.10	1.76	0.93	0.05
58	2.14	0.95	0.12	1.67	0.57	0.03
59	1.97	0.82	0.11	1.44	0.52	0.03
60	2.05	0.94	0.12	1.26	0.45	0.02
61	2.10	2.08	0.27	1.28	0.89	0.05
62	1.69	0.87	0.11	1.21	0.53	0.03
63	1.85	0.92	0.12	1.25	0.55	0.03
64	1.73	0.74	0.10	1.33	0.65	0.03
65	2.01	1.40	0.18	1.40	0.63	0.03
66	1.49	0.81	0.11	1.28	0.57	0.03
67	1.74	0.62	0.08	1.16	0.43	0.02
68	1.72	0.90	0.12	1.28	0.65	0.03
69	1.71	0.68	0.09	1.22	0.50	0.03
70	1.75	0.69	0.09	1.27	0.54	0.03
71	2.17	0.96	0.12	1.50	0.88	0.05
72	1.86	0.71	0.09	1.69	0.60	0.03
73	2.67	1.16	0.15	1.81	0.75	0.04
74	1.85	0.55	0.07	1.57	0.61	0.03
75	2.26	1.27	0.16	1.49	0.65	0.03
76	2.24	2.41	0.31	1.40	0.61	0.03
77	1.73	0.65	0.08	1.35	0.58	0.03
78	1.91	0.72	0.09	1.40	0.63	0.03
79	1.94	0.96	0.12	1.29	0.58	0.03
80	1.89	0.70	0.09	1.41	0.58	0.03

Annual Required Maintenance
All Buildings

Yr	Mean	SDev	90% +/-
1	0.22	0.11	0.01
2	0.56	0.32	0.02
3	0.62	0.36	0.03
4	0.71	0.43	0.03
5	0.77	0.51	0.04
6	0.79	0.50	0.04
7	0.75	0.46	0.03
8	0.81	0.51	0.04
9	0.92	0.58	0.04
10	0.94	0.57	0.04
11	0.92	0.53	0.04
12	0.91	0.52	0.04
13	0.90	0.52	0.04
14	0.90	0.54	0.04
15	0.94	0.56	0.04
16	0.93	0.55	0.04
17	0.86	0.48	0.03
18	0.87	0.49	0.03
19	0.97	0.52	0.04
20	1.06	0.62	0.04
21	1.01	0.58	0.04
22	0.97	0.55	0.04
23	1.02	0.59	0.04
24	1.01	0.60	0.04
25	0.95	0.59	0.04
26	0.88	0.52	0.04
27	0.87	0.48	0.03
28	0.91	0.56	0.04
29	0.95	0.58	0.04
30	0.90	0.51	0.04
31	0.81	0.48	0.03
32	0.84	0.52	0.04
33	0.86	0.52	0.04
34	0.90	0.53	0.04
35	0.88	0.51	0.04
36	0.95	0.51	0.04
37	1.00	0.55	0.04
38	0.96	0.53	0.04
39	0.92	0.51	0.04
40	0.89	0.48	0.03
41	0.88	0.52	0.04
42	0.90	0.53	0.04
43	0.87	0.52	0.04
44	0.90	0.51	0.04
45	0.89	0.52	0.04
46	0.87	0.55	0.04
47	0.88	0.54	0.04
48	0.88	0.53	0.04
49	0.94	0.52	0.04
50	0.93	0.53	0.04
51	0.98	0.61	0.04
52	0.98	0.59	0.04
53	0.90	0.52	0.04
54	0.87	0.49	0.03
55	0.97	0.56	0.04
56	0.98	0.56	0.04
57	0.96	0.54	0.04
58	0.91	0.52	0.04
59	0.90	0.49	0.03
60	0.96	0.53	0.04
61	0.90	0.50	0.04
62	0.88	0.48	0.03
63	0.86	0.45	0.03
64	0.93	0.54	0.04
65	0.94	0.60	0.04
66	0.90	0.54	0.04
67	0.88	0.51	0.04
68	0.83	0.52	0.04
69	0.91	0.57	0.04
70	0.90	0.60	0.04
71	0.91	0.55	0.04
72	0.90	0.52	0.04
73	0.97	0.53	0.04
74	0.90	0.50	0.04
75	0.88	0.50	0.04
76	0.92	0.53	0.04
77	0.91	0.56	0.04
78	0.86	0.49	0.03
79	0.86	0.53	0.04
80	0.86	0.52	0.04

Yr	Major Component Replacement All Buildings Mean	SDev	90% +/-
1	0.00	0.00	0.00
2	0.00	0.00	0.00
3	0.00	0.00	0.00
4	0.00	0.01	0.00
5	0.00	0.01	0.00
6	0.03	0.02	0.00
7	0.14	0.09	0.01
8	0.25	0.15	0.01
9	0.29	0.15	0.01
10	0.28	0.08	0.01
11	0.37	0.17	0.01
12	.35	0.22	0.02
13	.35	0.25	0.02
14	0.44	0.25	0.02
15	0.52	0.23	0.02
16	0.53	0.18	0.01
17	0.50	0.21	0.01
18	0.66	0.31	0.02
19	0.61	0.34	0.02
20	0.50	0.32	0.02
21	0.49	0.34	0.02
22	0.44	0.27	0.02
23	0.49	0.25	0.02
24	0.49	0.22	0.02
25	0.51	0.30	0.02
26	0.64	0.41	0.03
27	0.52	0.48	0.03
28	0.53	0.43	0.03
29	0.60	0.36	0.03
30	0.59	0.36	0.03
31	0.74	0.38	0.03
32	0.80	0.39	0.03
33	0.78	0.40	0.03
34	0.64	0.37	0.03
35	0.68	0.42	0.03
36	0.62	0.38	0.03
37	0.67	0.36	0.03
38	0.73	0.43	0.03
39	0.88	0.44	0.03
40	0.88	0.46	0.03
41	0.85	0.40	0.03
42	0.57	0.29	0.02
43	0.48	0.33	0.02
44	0.49	0.36	0.03
45	0.50	0.39	0.03
46	0.44	0.32	0.02
47	0.54	0.29	0.02
48	0.57	0.35	0.02
49	0.60	0.32	0.02
50	0.63	0.31	0.02
51	0.66	0.48	0.03
52	0.75	0.47	0.03
53	0.72	0.50	0.04
54	0.67	0.47	0.03
55	0.82	0.45	0.03
56	1.00	0.57	0.04
57	1.00	0.56	0.04
58	1.03	0.65	0.05
59	0.93	0.67	0.05
60	0.85	0.67	0.05
61	0.83	0.74	0.05
62	0.78	0.68	0.05
63	0.89	0.72	0.05
64	0.82	0.47	0.03
65	0.96	0.60	0.04
66	0.75	0.45	0.03
67	0.83	0.54	0.04
68	0.88	0.53	0.04
69	0.91	0.58	0.04
70	0.84	0.58	0.04
71	1.32	0.54	0.04
72	1.64	1.02	0.07
73	1.54	0.93	0.07
74	1.21	0.58	0.04
75	1.30	0.71	0.05
76	1.35	0.77	0.05
77	1.20	0.51	0.04
78	1.30	0.56	0.04
79	1.21	0.60	0.04
80	1.38	0.73	0.05

Total Maintenance

Yr	All Buildings Mean	SDev	90% +/-
1	0.22	0.11	0.01
2	0.56	0.32	0.02
3	0.62	0.36	0.03
4	0.72	0.43	0.03
5	0.77	0.51	0.04
6	0.82	0.50	0.04
7	0.90	0.42	0.03
8	1.06	0.47	0.03
9	1.20	0.56	0.04
10	1.21	0.59	0.04
11	1.28	0.67	0.05
12	1.26	0.70	0.05
13	1.25	0.71	0.05
14	1.34	0.73	0.05
15	1.46	0.74	0.05
16	1.47	0.67	0.05
17	1.36	0.62	0.04
18	1.53	0.75	0.05
19	1.58	0.80	0.06
20	1.56	0.88	0.06
21	1.50	0.86	0.06
22	1.41	0.81	0.06
23	1.51	0.80	0.06
24	1.50	0.77	0.05
25	1.46	0.84	0.06
26	1.52	0.87	0.06
27	1.38	0.90	0.06
28	1.44	0.94	0.07
29	1.55	0.91	0.06
30	1.49	0.84	0.06
31	1.55	0.82	0.06
32	1.65	0.85	0.06
33	1.64	0.88	0.06
34	1.54	0.87	0.06
35	1.55	0.91	0.06
36	1.57	0.87	0.06
37	1.68	0.86	0.06
38	1.69	0.92	0.06
39	1.80	0.91	0.06
40	1.78	0.88	0.06
41	1.74	0.87	0.06
42	1.47	0.80	0.06
43	1.35	0.80	0.06
44	1.39	0.81	0.06
45	1.39	0.85	0.06
46	1.31	0.79	0.06
47	1.42	0.75	0.05
48	1.46	0.77	0.05
49	1.54	0.78	0.05
50	1.56	0.81	0.06
51	1.63	1.05	0.07
52	1.73	1.00	0.07
53	1.62	0.98	0.07
54	1.53	0.90	0.06
55	1.79	0.96	0.07
56	1.98	1.09	0.08
57	1.96	1.04	0.07
58	1.94	1.14	0.08
59	1.83	1.12	0.08
60	1.80	1.14	0.08
61	1.73	1.15	0.08
62	1.67	1.07	0.08
63	1.73	1.09	0.08
64	1.75	0.95	0.07
65	1.90	1.11	0.08
66	1.66	0.94	0.07
67	1.70	0.98	0.07
68	1.70	1.00	0.07
69	1.82	1.10	0.08
70	1.78	1.10	0.08
71	2.23	0.92	0.07
72	2.55	1.24	0.09
73	2.51	1.20	0.08
74	2.10	0.95	0.07
75	2.18	1.08	0.08
76	2.27	1.04	0.07
77	2.11	0.92	0.06
78	2.16	0.91	0.06
79	2.11	0.98	0.07
80	2.24	0.95	0.07

Yr	Annual Required Maintenance All Buildings Mean	SDev	90% +/-
1	0.16	0.06	0.01
2	0.56	0.20	0.03
3	0.66	0.21	0.03
4	0.85	0.28	0.03
5	0.86	0.27	0.03
6	0.84	0.23	0.03
7	0.83	0.23	0.03
8	0.95	0.27	0.03
9	1.08	0.30	0.04
10	1.10	0.27	0.03
11	1.09	0.30	0.04
12	1.12	0.26	0.03
13	1.07	0.24	0.03
14	1.05	0.23	0.03
15	1.21	0.27	0.03
16	1.12	0.25	0.03
17	0.91	0.18	0.02
18	1.07	0.18	0.02
19	1.26	0.18	0.02
20	1.42	0.33	0.04
21	1.27	0.30	0.04
22	1.21	0.31	0.04
23	1.29	0.35	0.04
24	1.19	0.33	0.04
25	1.09	0.35	0.04
26	1.05	0.37	0.05
27	1.00	0.25	0.03
28	1.04	0.24	0.03
29	1.11	0.21	0.03
30	1.12	0.23	0.03
31	0.99	0.25	0.03
32	0.96	0.26	0.03
33	1.09	0.25	0.03
34	1.18	0.26	0.03
35	1.02	0.29	0.04
36	1.08	0.29	0.04
37	1.37	0.35	0.04
38	1.22	0.22	0.03
39	1.11	0.21	0.03
40	1.01	0.18	0.02
41	1.03	0.27	0.03
42	0.98	0.18	0.02
43	0.94	0.19	0.02
44	1.11	0.22	0.03
45	1.07	0.20	0.03
46	0.98	0.21	0.03
47	0.98	0.21	0.03
48	1.03	0.27	0.03
49	1.10	0.31	0.04
50	1.07	0.33	0.04
51	1.24	0.36	0.05
52	1.24	0.35	0.04
53	1.03	0.32	0.04
54	0.94	0.28	0.03
55	1.38	0.28	0.03
56	1.29	0.21	0.03
57	1.20	0.17	0.02
58	1.14	0.16	0.02
59	1.04	0.22	0.03
60	1.13	0.29	0.04
61	1.00	0.29	0.04
62	1.02	0.30	0.04
63	1.04	0.27	0.03
64	1.09	0.26	0.03
65	1.05	0.29	0.04
66	1.12	0.29	0.04
67	1.02	0.25	0.03
68	0.90	0.24	0.03
69	1.04	0.27	0.03
70	1.13	0.31	0.04
71	1.13	0.37	0.05
72	1.09	0.31	0.04
73	1.21	0.35	0.04
74	1.16	0.34	0.04
75	1.07	0.31	0.04
76	1.08	0.29	0.04
77	1.06	0.29	0.04
78	1.00	0.22	0.03
79	1.01	0.17	0.02
80	0.94	0.21	0.03

Major Component Replacement
All Buildings

Yr	Mean	SDev	90% +/-
1	0.00	0.00	0.00
2	0.00	0.00	0.00
3	0.00	0.00	0.00
4	0.00	0.00	0.00
5	0.00	0.00	0.00
6	0.05	0.02	0.00
7	0.19	0.04	0.00
8	0.24	0.05	0.01
9	0.36	0.09	0.01
10	0.28	0.03	0.00
11	0.53	0.04	0.00
12	0.44	0.07	0.01
13	0.36	0.02	0.00
14	0.47	0.03	0.00
15	0.56	0.07	0.01
16	0.60	0.09	0.01
17	0.57	0.09	0.01
18	0.66	0.12	0.02
19	0.62	0.03	0.00
20	0.45	0.06	0.01
21	0.40	0.10	0.01
22	0.53	0.07	0.01
23	0.52	0.11	0.01
24	0.45	0.10	0.01
25	0.48	0.12	0.01
26	0.79	0.07	0.01
27	0.62	0.21	0.03
28	0.69	0.09	0.01
29	0.82	0.13	0.02
30	0.87	0.20	0.03
31	0.98	0.13	0.02
32	1.13	0.20	0.03
33	1.06	0.19	0.02
34	0.96	0.15	0.02
35	0.85	0.12	0.02
36	0.53	0.16	0.02
37	0.68	0.16	0.02
38	0.70	0.16	0.02
39	0.75	0.12	0.02
40	0.71	0.10	0.01
41	0.88	0.10	0.01
42	0.70	0.13	0.02
43	0.82	0.24	0.03
44	1.00	0.16	0.02
45	1.04	0.19	0.02
46	0.89	0.16	0.02
47	0.93	0.19	0.02
48	1.02	0.35	0.04
49	1.00	0.15	0.02
50	0.93	0.18	0.02
51	0.89	0.15	0.02
52	1.08	0.21	0.03
53	0.88	0.15	0.02
54	0.87	0.19	0.02
55	0.95	0.23	0.03
56	1.17	0.17	0.02
57	1.00	0.20	0.03
58	1.34	0.17	0.02
59	1.33	0.09	0.01
60	1.35	0.26	0.03
61	1.58	0.32	0.04
62	1.51	0.18	0.02
63	1.70	0.39	0.05
64	1.25	0.26	0.03
65	1.62	0.44	0.05
66	0.97	0.23	0.03
67	1.26	0.32	0.04
68	1.33	0.28	0.04
69	1.41	0.23	0.03
70	1.30	0.37	0.05
71	1.59	0.39	0.05
72	2.21	0.97	0.12
73	1.74	0.48	0.06
74	1.48	0.55	0.07
75	1.77	0.84	0.10
76	1.52	0.57	0.07
77	1.45	0.47	0.06
78	1.58	0.55	0.07
79	1.67	0.70	0.09
80	1.32	0.26	0.03

Total Maintenance

Yr	All Buildings Mean	SDev	90% +/-
1	0.16	0.06	0.01
2	0.56	0.20	0.03
3	0.66	0.21	0.03
4	0.85	0.28	0.03
5	0.86	0.27	0.03
6	0.89	0.23	0.03
7	1.02	0.22	0.03
8	1.19	0.26	0.03
9	1.38	0.31	0.04
10	1.38	0.25	0.03
11	1.62	0.26	0.03
12	1.56	0.25	0.03
13	1.43	0.25	0.03
14	1.52	0.23	0.03
15	1.77	0.31	0.04
16	1.72	0.26	0.03
17	1.47	0.19	0.02
18	1.73	0.25	0.03
19	1.88	0.17	0.02
20	1.87	0.32	0.04
21	1.67	0.38	0.05
22	1.74	0.38	0.05
23	1.81	0.43	0.05
24	1.64	0.39	0.05
25	1.58	0.45	0.06
26	1.84	0.37	0.05
27	1.63	0.30	0.04
28	1.73	0.28	0.04
29	1.93	0.23	0.03
30	1.99	0.30	0.04
31	1.97	0.29	0.04
32	2.10	0.39	0.05
33	2.15	0.35	0.04
34	2.14	0.31	0.04
35	1.87	0.39	0.05
36	1.61	0.43	0.05
37	2.06	0.50	0.06
38	1.92	0.35	0.04
39	1.86	0.31	0.04
40	1.72	0.24	0.03
41	1.91	0.33	0.04
42	1.68	0.26	0.03
43	1.77	0.34	0.04
44	2.11	0.35	0.04
45	2.11	0.38	0.05
46	1.86	0.32	0.04
47	1.90	0.33	0.04
48	2.04	0.48	0.06
49	2.09	0.44	0.06
50	1.99	0.47	0.06
51	2.13	0.40	0.05
52	2.32	0.43	0.05
53	1.91	0.38	0.05
54	1.81	0.31	0.04
55	2.32	0.44	0.06
56	2.46	0.16	0.02
57	2.20	0.13	0.02
58	2.50	0.19	0.02
59	2.37	0.17	0.02
60	2.48	0.22	0.03
61	2.57	0.36	0.05
62	2.53	0.17	0.02
63	2.74	0.42	0.05
64	2.34	0.17	0.02
65	2.67	0.51	0.06
66	2.08	0.23	0.03
67	2.28	0.34	0.04
68	2.23	0.33	0.04
69	2.45	0.31	0.04
70	2.43	0.37	0.05
71	2.72	0.61	0.08
72	3.30	1.11	0.14
73	2.95	0.75	0.09
74	2.64	0.77	0.10
75	2.84	1.04	0.13
76	2.60	0.76	0.10
77	2.51	0.69	0.09
78	2.58	0.69	0.09
79	2.68	0.82	0.10

Annual Required Maintenance

Yr	All Buildings Mean	SDev	90% +/-
1	0.22	0.09	0.01
2	0.52	0.29	0.03
3	0.56	0.32	0.03
4	0.62	0.37	0.03
5	0.68	0.46	0.04
6	0.72	0.47	0.04
7	0.68	0.42	0.04
8	0.71	0.47	0.04
9	0.80	0.52	0.05
10	0.81	0.50	0.05
11	0.79	0.47	0.04
12	0.79	0.47	0.04
13	0.79	0.48	0.04
14	0.78	0.49	0.04
15	0.79	0.50	0.04
16	0.81	0.50	0.05
17	0.78	0.45	0.04
18	0.75	0.45	0.04
19	0.82	0.47	0.04
20	0.89	0.55	0.05
21	0.86	0.52	0.05
22	0.83	0.49	0.04
23	0.87	0.50	0.05
24	0.88	0.53	0.05
25	0.84	0.53	0.05
26	0.77	0.46	0.04
27	0.76	0.43	0.04
28	0.79	0.50	0.05
29	0.83	0.52	0.05
30	0.77	0.46	0.04
31	0.71	0.44	0.04
32	0.75	0.48	0.04
33	0.72	0.44	0.04
34	0.75	0.45	0.04
35	0.77	0.46	0.04
36	0.84	0.47	0.04
37	0.84	0.45	0.04
38	0.82	0.47	0.04
39	0.80	0.47	0.04
40	0.79	0.44	0.04
41	0.77	0.46	0.04
42	0.80	0.48	0.04
43	0.77	0.48	0.04
44	0.77	0.46	0.04
45	0.78	0.48	0.04
46	0.76	0.50	0.05
47	0.77	0.49	0.04
48	0.78	0.47	0.04
49	0.82	0.46	0.04
50	0.83	0.48	0.04
51	0.83	0.54	0.05
52	0.83	0.50	0.05
53	0.80	0.47	0.04
54	0.79	0.46	0.04
55	0.79	0.48	0.04
56	0.83	0.50	0.05
57	0.82	0.48	0.04
58	0.78	0.48	0.04
59	0.80	0.46	0.04
60	0.84	0.48	0.04
61	0.80	0.45	0.04
62	0.79	0.44	0.04
63	0.75	0.40	0.04
64	0.81	0.49	0.04
65	0.83	0.55	0.05
66	0.78	0.49	0.04
67	0.77	0.46	0.04
68	0.74	0.48	0.04
69	0.80	0.51	0.05
70	0.75	0.51	0.05
71	0.78	0.48	0.04
72	0.79	0.47	0.04
73	0.83	0.47	0.04
74	0.77	0.42	0.04
75	0.76	0.45	0.04
76	0.81	0.48	0.04
77	0.81	0.46	0.04
78	0.76	0.45	0.04
79	0.75	0.48	0.04
80	0.77	0.47	0.04

Major Component Replacement
All Buildings

Yr	Mean	SDev	90% +/-
1	0.00	0.00	0.00
2	0.00	0.00	0.00
3	0.00	0.00	0.00
4	0.00	0.01	0.00
5	0.00	0.01	0.00
6	0.02	0.01	0.00
7	0.13	0.10	0.01
8	0.25	0.16	0.01
9	0.28	0.16	0.01
10	0.27	0.08	0.01
11	0.31	0.15	0.01
12	0.31	0.24	0.02
13	0.34	0.29	0.03
14	0.42	0.28	0.03
15	0.49	0.25	0.02
16	0.50	0.17	0.02
17	0.46	0.22	0.02
18	0.62	0.29	0.03
19	0.56	0.28	0.03
20	0.47	0.28	0.03
21	0.48	0.31	0.03
22	0.38	0.25	0.02
23	0.46	0.25	0.02
24	0.48	0.24	0.02
25	0.49	0.31	0.03
26	0.57	0.44	0.04
27	0.45	0.48	0.04
28	0.46	0.45	0.04
29	0.50	0.35	0.03
30	0.47	0.31	0.03
31	0.63	0.36	0.03
32	0.67	0.34	0.03
33	0.66	0.37	0.03
34	0.51	0.32	0.03
35	0.58	0.42	0.04
36	0.60	0.38	0.03
37	0.63	0.37	0.03
38	0.68	0.40	0.04
39	0.87	0.46	0.04
40	0.88	0.39	0.04
41	0.81	0.38	0.03
42	0.50	0.26	0.02
43	0.37	0.28	0.03
44	0.32	0.23	0.02
45	0.32	0.26	0.02
46	0.29	0.21	0.02
47	0.41	0.19	0.02
48	0.44	0.22	0.02
49	0.46	0.23	0.02
50	0.51	0.24	0.02
51	0.54	0.46	0.04
52	0.62	0.45	0.04
53	0.62	0.51	0.05
54	0.57	0.47	0.04
55	0.73	0.42	0.04
56	0.88	0.54	0.05
57	0.94	0.55	0.05
58	0.85	0.58	0.05
59	0.75	0.66	0.06
60	0.63	0.59	0.05
61	0.55	0.59	0.05
62	0.52	0.59	0.05
63	0.59	0.54	0.05
64	0.67	0.43	0.04
65	0.72	0.46	0.04
66	0.65	0.43	0.04
67	0.67	0.51	0.05
68	0.70	0.45	0.04
69	0.71	0.51	0.05
70	0.64	0.46	0.04
71	1.20	0.51	0.05
72	1.44	0.98	0.09
73	1.44	1.01	0.09
74	1.08	0.52	0.05
75	1.11	0.52	0.05
76	1.26	0.80	0.07
77	1.08	0.45	0.04
78	1.18	0.50	0.05
79	1.05	0.49	0.04
80	1.38	0.82	0.07

Total Maintenance

Yr	All Buildings Mean	SDev	90% +/-
1	0.22	0.09	0.01
2	0.52	0.29	0.03
3	0.56	0.32	0.03
4	0.62	0.37	0.03
5	0.68	0.46	0.04
6	0.74	0.46	0.04
7	0.81	0.38	0.03
8	0.97	0.41	0.04
9	1.08	0.49	0.04
10	1.08	0.51	0.05
11	1.11	0.61	0.06
12	1.11	0.68	0.06
13	1.13	0.72	0.06
14	1.20	0.72	0.07
15	1.29	0.70	0.06
16	1.31	0.61	0.06
17	1.26	0.57	0.05
18	1.36	0.69	0.06
19	1.38	0.71	0.06
20	1.36	0.78	0.07
21	1.33	0.79	0.07
22	1.22	0.73	0.07
23	1.32	0.72	0.07
24	1.36	0.72	0.07
25	1.34	0.80	0.07
26	1.35	0.86	0.08
27	1.22	0.88	0.08
28	1.26	0.92	0.08
29	1.33	0.85	0.08
30	1.25	0.76	0.07
31	1.35	0.77	0.07
32	1.41	0.78	0.07
33	1.39	0.78	0.07
34	1.26	0.76	0.07
35	1.36	0.85	0.08
36	1.43	0.83	0.08
37	1.48	0.79	0.07
38	1.50	0.85	0.08
39	1.67	0.91	0.08
40	1.69	0.80	0.07
41	1.58	0.81	0.07
42	1.31	0.73	0.07
43	1.14	0.75	0.07
44	1.10	0.67	0.06
45	1.10	0.73	0.07
46	1.06	0.69	0.06
47	1.19	0.64	0.06
48	1.22	0.65	0.06
49	1.29	0.65	0.06
50	1.33	0.70	0.06
51	1.37	0.99	0.09
52	1.45	0.92	0.08
53	1.43	0.94	0.09
54	1.36	0.90	0.08
55	1.53	0.87	0.08
56	1.73	1.01	0.09
57	1.75	0.99	0.09
58	1.64	1.03	0.09
59	1.56	1.08	0.10
60	1.48	1.05	0.10
61	1.36	1.01	0.09
62	1.32	0.99	0.09
63	1.34	0.90	0.08
64	1.49	0.90	0.08
65	1.57	0.98	0.09
66	1.44	0.90	0.08
67	1.45	0.94	0.09
68	1.43	0.91	0.08
69	1.52	0.99	0.09
70	1.45	0.96	0.09
71	2.01	0.78	0.07
72	2.11	0.87	0.08
73	2.29	1.19	0.11
74	1.87	0.79	0.07
75	1.86	0.83	0.08
76	1.96	0.76	0.07
77	1.90	0.80	0.07
78	1.95	0.79	0.07
79	1.87	0.85	0.08
80	2.05	0.81	0.07

Annual Yr	Required Maintenance All Buildings Mean	Sdev	90% +/-
1	0.31	0.06	0.00
2	0.94	0.30	0.01
3	1.04	0.31	0.01
4	1.15	0.37	0.01
5	1.34	0.48	0.02
6	1.41	0.48	0.02
7	1.32	0.44	0.02
8	1.38	0.44	0.02
9	1.55	0.52	0.02
10	1.59	0.52	0.02
11	1.50	0.50	0.02
12	1.46	0.47	0.02
13	1.49	0.47	0.02
14	1.57	0.48	0.02
15	1.58	0.48	0.02
16	1.55	0.49	0.02
17	1.46	0.45	0.02
18	1.39	0.42	0.02
19	1.51	0.48	0.02
20	1.66	0.52	0.02
21	1.60	0.49	0.02
22	1.58	0.46	0.02
23	1.66	0.50	0.02
24	1.70	0.54	0.02
25	1.60	0.48	0.02
26	1.41	0.42	0.02
27	1.40	0.43	0.02
28	1.49	0.48	0.02
29	1.60	0.52	0.02
30	1.48	0.46	0.02
31	1.36	0.45	0.02
32	1.41	0.49	0.02
33	1.42	0.44	0.02
34	1.46	0.45	0.02
35	1.47	0.47	0.02
36	1.51	0.47	0.02
37	1.53	0.46	0.02
38	1.52	0.45	0.02
39	1.49	0.48	0.02
40	1.44	0.44	0.02
41	1.46	0.48	0.02
42	1.51	0.51	0.02
43	1.50	0.48	0.02
44	1.49	0.45	0.02
45	1.49	0.41	0.01
46	1.52	0.49	0.02
47	1.52	0.47	0.02
48	1.43	0.42	0.02
49	1.46	0.45	0.02
50	1.51	0.49	0.02
51	1.63	0.53	0.02
52	1.59	0.49	0.02
53	1.46	0.46	0.02
54	1.45	0.47	0.02
55	1.53	0.50	0.02
56	1.61	0.51	0.02
57	1.55	0.49	0.02
58	1.47	0.45	0.02
59	1.50	0.44	0.02
60	1.58	0.48	0.02
61	1.44	0.44	0.02
62	1.42	0.44	0.02
63	1.38	0.39	0.01
64	1.58	0.47	0.02
65	1.67	0.56	0.02
66	1.51	0.51	0.02
67	1.44	0.45	0.02
68	1.38	0.44	0.02
69	1.53	0.53	0.02
70	1.56	0.50	0.02
71	1.44	0.46	0.02
72	1.46	0.45	0.02
73	1.45	0.43	0.02
74	1.39	0.42	0.02
75	1.43	0.42	0.02
76	1.50	0.47	0.02
77	1.45	0.46	0.02
78	1.44	0.45	0.02
79	1.55	0.51	0.02
80	1.46	0.49	0.02

Yr	Major Component Replacement All Buildings Mean	SDev	90% +/-
1	0.00	0.00	0.00
2	0.00	0.00	0.00
3	0.00	0.00	0.00
4	0.00	0.01	0.00
5	0.00	0.01	0.00
6	0.01	0.02	0.00
7	0.06	0.04	0.00
8	0.12	0.05	0.00
9	0.20	0.06	0.00
10	0.29	0.10	0.00
11	0.61	0.16	0.01
12	0.77	0.21	0.01
13	0.80	0.23	0.01
14	0.86	0.25	0.01
15	0.88	0.23	0.01
16	0.68	0.21	0.01
17	0.67	0.21	0.01
18	0.89	0.35	0.01
19	0.91	0.36	0.01
20	0.84	0.36	0.01
21	0.72	0.37	0.01
22	0.61	0.27	0.01
23	0.64	0.29	0.01
24	0.57	0.29	0.01
25	0.84	0.23	0.01
26	1.31	0.32	0.01
27	1.29	0.34	0.01
28	1.27	0.35	0.01
29	1.15	0.32	0.01
30	1.02	0.29	0.01
31	1.25	0.33	0.01
32	1.25	0.34	0.01
33	1.22	0.34	0.01
34	1.11	0.33	0.01
35	1.22	0.43	0.02
36	0.92	0.49	0.02
37	0.95	0.49	0.02
38	1.13	0.47	0.02
39	1.44	0.42	0.02
40	1.38	0.38	0.01
41	1.34	0.37	0.01
42	0.99	0.29	0.01
43	0.81	0.21	0.01
44	0.76	0.20	0.01
45	0.69	0.17	0.01
46	0.65	0.15	0.01
47	0.71	0.17	0.01
48	0.70	0.18	0.01
49	0.79	0.22	0.01
50	0.93	0.27	0.01
51	1.06	0.30	0.01
52	1.20	0.31	0.01
53	1.19	0.28	0.01
54	1.13	0.28	0.01
55	1.08	0.54	0.02
56	1.48	0.63	0.02
57	1.53	0.61	0.02
58	1.58	0.63	0.02
59	1.54	0.58	0.02
60	1.46	0.46	0.02
61	1.26	0.42	0.02
62	1.35	0.46	0.02
63	1.35	0.44	0.02
64	1.32	0.35	0.01
65	1.47	0.36	0.01
66	1.16	0.29	0.01
67	1.21	0.31	0.01
68	1.20	0.43	0.02
69	1.17	0.50	0.02
70	1.13	0.48	0.02
71	1.67	0.32	0.01
72	1.73	0.44	0.02
73	1.71	0.39	0.01
74	1.66	0.38	0.01
75	1.62	0.36	0.01
76	1.45	0.34	0.01
77	1.72	0.31	0.01
78	1.83	0.37	0.01
79	1.81	0.46	0.02
80	1.72	0.47	0.02

Total Maintenance

Yr	All Buildings Mean	SDev	90% +/-
1	0.31	0.06	0.00
2	0.94	0.31	0.01
3	1.04	0.33	0.01
4	1.15	0.40	0.01
5	1.34	0.51	0.02
6	1.42	0.50	0.02
7	1.38	0.45	0.02
8	1.50	0.48	0.02
9	1.74	0.57	0.02
10	1.88	0.62	0.02
11	2.11	0.66	0.02
12	2.23	0.58	0.02
13	2.28	0.58	0.02
14	2.42	0.61	0.02
15	2.46	0.62	0.02
16	2.23	0.70	0.02
17	2.14	0.69	0.02
18	2.28	0.81	0.03
19	2.43	0.87	0.03
20	2.50	0.90	0.03
21	2.31	0.88	0.03
22	2.19	0.76	0.03
23	2.29	0.80	0.03
24	2.27	0.84	0.03
25	2.43	0.73	0.03
26	2.71	0.67	0.02
27	2.68	0.67	0.02
28	2.76	0.72	0.03
29	2.74	0.82	0.03
30	2.50	0.76	0.03
31	2.60	0.78	0.03
32	2.66	0.84	0.03
33	2.63	0.81	0.03
34	2.57	0.79	0.03
35	2.69	0.92	0.03
36	2.44	0.96	0.03
37	2.48	0.94	0.03
38	2.65	0.92	0.03
39	2.92	0.92	0.03
40	2.81	0.85	0.03
41	2.80	0.82	0.03
42	2.50	0.80	0.03
43	2.31	0.70	0.03
44	2.25	0.66	0.02
45	2.18	0.61	0.02
46	2.17	0.65	0.02
47	2.24	0.66	0.02
48	2.12	0.60	0.02
49	2.25	0.67	0.02
50	2.43	0.77	0.03
51	2.67	0.82	0.03
52	2.78	0.74	0.03
53	2.64	0.69	0.02
54	2.56	0.71	0.03
55	2.61	1.06	0.04
56	3.10	1.17	0.04
57	3.09	1.15	0.04
58	3.04	1.13	0.04
59	3.03	1.06	0.04
60	3.04	0.98	0.04
61	2.69	0.88	0.03
62	2.77	0.92	0.03
63	2.72	0.84	0.03
64	2.90	0.83	0.03
65	3.12	0.84	0.03
66	2.66	0.79	0.03
67	2.65	0.79	0.03
68	2.58	0.90	0.03
69	2.70	1.06	0.04
70	2.68	1.00	0.04
71	3.12	0.74	0.03
72	3.20	0.91	0.03
73	3.17	0.82	0.03
74	3.06	0.79	0.03
75	3.07	0.78	0.03
76	2.96	0.80	0.03
77	3.17	0.68	0.02
78	3.27	0.66	0.02
79	3.35	0.69	0.02
80	3.17	0.62	0.02

Annual Required Maintenance
All Buildings

Yr	Mean	SDev	90% +/-
1	0.28	0.07	0.00
2	0.88	0.32	0.02
3	1.01	0.36	0.02
4	1.11	0.43	0.02
5	1.24	0.50	0.03
6	1.34	0.51	0.03
7	1.25	0.47	0.03
8	1.35	0.52	0.03
9	1.53	0.65	0.04
10	1.59	0.65	0.04
11	1.44	0.60	0.03
12	1.46	0.63	0.04
13	1.52	0.67	0.04
14	1.58	0.65	0.04
15	1.61	0.65	0.04
16	1.55	0.63	0.04
17	1.42	0.60	0.03
18	1.35	0.58	0.03
19	1.50	0.62	0.04
20	1.71	0.72	0.04
21	1.62	0.68	0.04
22	1.61	0.62	0.04
23	1.66	0.65	0.04
24	1.72	0.69	0.04
25	1.57	0.64	0.04
26	1.37	0.55	0.03
27	1.44	0.59	0.03
28	1.58	0.68	0.04
29	1.65	0.68	0.04
30	1.56	0.63	0.04
31	1.37	0.59	0.03
32	1.40	0.65	0.04
33	1.47	0.62	0.04
34	1.52	0.64	0.04
35	1.38	0.56	0.03
36	1.47	0.58	0.03
37	1.52	0.63	0.04
38	1.47	0.57	0.03
39	1.38	0.56	0.03
40	1.34	0.50	0.03
41	1.39	0.52	0.03
42	1.51	0.59	0.03
43	1.52	0.64	0.04
44	1.53	0.62	0.04
45	1.54	0.63	0.04
46	1.50	0.65	0.04
47	1.53	0.68	0.04
48	1.54	0.62	0.04
49	1.56	0.65	0.04
50	1.53	0.62	0.04
51	1.63	0.65	0.04
52	1.65	0.67	0.04
53	1.41	0.57	0.03
54	1.37	0.56	0.03
55	1.49	0.64	0.04
56	1.56	0.62	0.04
57	1.54	0.64	0.04
58	1.47	0.62	0.04
59	1.48	0.57	0.03
60	1.56	0.64	0.04
61	1.42	0.60	0.03
62	1.43	0.62	0.04
63	1.45	0.60	0.03
64	1.65	0.69	0.04
65	1.65	0.70	0.04
66	1.53	0.64	0.04
67	1.43	0.56	0.03
68	1.37	0.53	0.03
69	1.51	0.60	0.03
70	1.56	0.57	0.03
71	1.45	0.59	0.03
72	1.52	0.66	0.04
73	1.57	0.71	0.04
74	1.44	0.65	0.04
75	1.46	0.64	0.04
76	1.50	0.64	0.04
77	1.44	0.63	0.04
78	1.43	0.55	0.03
79	1.54	0.62	0.04
80	1.41	0.54	0.03

Major Component Replacement
All Buildings

Yr	Mean	SDev	90% +/-
1	0.00	0.00	0.00
2	0.00	0.00	0.00
3	0.00	0.00	0.00
4	0.00	0.00	0.00
5	0.00	0.00	0.00
6	0.02	0.02	0.00
7	0.08	0.06	0.00
8	0.17	0.09	0.01
9	0.27	0.13	0.01
10	0.34	0.14	0.01
11	0.75	0.36	0.02
12	0.77	0.33	0.02
13	0.72	0.29	0.02
14	0.73	0.30	0.02
15	0.77	0.33	0.02
16	0.84	0.40	0.02
17	0.83	0.39	0.02
18	1.31	0.58	0.03
19	1.35	0.58	0.03
20	1.21	0.59	0.03
21	0.97	0.45	0.03
22	0.71	0.34	0.02
23	0.63	0.25	0.01
24	0.55	0.23	0.01
25	0.65	0.26	0.01
26	1.14	0.48	0.03
27	1.13	0.41	0.02
28	1.21	0.51	0.03
29	1.28	0.58	0.03
30	1.28	0.57	0.03
31	1.54	0.69	0.04
32	1.60	0.68	0.04
33	1.48	0.70	0.04
34	1.39	0.62	0.04
35	1.56	0.69	0.04
36	1.15	0.39	0.02
37	1.16	0.42	0.02
38	1.25	0.47	0.03
39	1.47	0.41	0.02
40	1.41	0.46	0.03
41	1.59	0.65	0.04
42	1.34	0.63	0.04
43	1.10	0.51	0.03
44	1.04	0.54	0.03
45	1.06	0.49	0.03
46	0.93	0.48	0.03
47	0.94	0.51	0.03
48	0.97	0.51	0.03
49	1.08	0.54	0.03
50	1.16	0.53	0.03
51	1.23	0.45	0.03
52	1.23	0.43	0.02
53	1.21	0.49	0.03
54	1.08	0.36	0.02
55	1.21	0.50	0.03
56	2.04	0.92	0.05
57	2.11	0.86	0.05
58	2.18	0.98	0.06
59	2.11	0.89	0.05
60	1.87	0.82	0.05
61	1.70	0.81	0.05
62	1.74	0.82	0.05
63	1.78	0.85	0.05
64	1.63	0.70	0.04
65	1.67	0.69	0.04
66	1.07	0.47	0.03
67	1.26	0.53	0.03
68	1.34	0.59	0.03
69	1.40	0.67	0.04
70	1.35	0.61	0.03
71	1.87	0.60	0.03
72	2.13	0.69	0.04
73	2.09	0.69	0.04
74	1.94	0.69	0.04
75	1.96	0.69	0.04
76	1.96	0.67	0.04
77	1.97	0.65	0.04
78	2.03	0.68	0.04
79	2.05	0.57	0.03
80	1.78	0.64	0.04

Total Maintenance

Yr	All Buildings Mean	SDev	90% +/-
1	0.28	0.07	0.00
2	0.88	0.32	0.02
3	1.01	0.36	0.02
4	1.11	0.43	0.02
5	1.24	0.50	0.03
6	1.37	0.50	0.03
7	1.33	0.49	0.03
8	1.52	0.56	0.03
9	1.80	0.73	0.04
10	1.93	0.75	0.04
11	2.18	0.88	0.05
12	2.23	0.88	0.05
13	2.24	0.89	0.05
14	2.31	0.88	0.05
15	2.39	0.91	0.05
16	2.39	0.95	0.05
17	2.25	0.89	0.05
18	2.66	1.03	0.06
19	2.85	1.09	0.06
20	2.92	1.25	0.07
21	2.59	1.08	0.06
22	2.31	0.92	0.05
23	2.29	0.88	0.05
24	2.27	0.90	0.05
25	2.22	0.85	0.05
26	2.52	0.96	0.05
27	2.57	0.95	0.05
28	2.79	1.13	0.06
29	2.93	1.19	0.07
30	2.84	1.12	0.06
31	2.92	1.17	0.07
32	3.00	1.20	0.07
33	2.95	1.22	0.07
34	2.92	1.15	0.07
35	2.94	1.21	0.07
36	2.62	0.95	0.05
37	2.67	1.02	0.06
38	2.73	1.03	0.06
39	2.86	0.95	0.05
40	2.76	0.95	0.05
41	2.98	1.12	0.06
42	2.84	1.10	0.06
43	2.61	1.03	0.06
44	2.57	1.08	0.06
45	2.59	1.02	0.06
46	2.43	1.03	0.06
47	2.48	1.05	0.06
48	2.51	1.03	0.06
49	2.64	1.08	0.06
50	2.68	1.11	0.06
51	2.87	1.07	0.06
52	2.87	1.05	0.06
53	2.62	1.01	0.06
54	2.44	0.88	0.05
55	2.70	1.11	0.06
56	3.60	1.48	0.08
57	3.66	1.36	0.08
58	3.64	1.45	0.08
59	3.59	1.33	0.08
60	3.43	1.35	0.08
61	3.12	1.29	0.07
62	3.17	1.28	0.07
63	3.23	1.33	0.08
64	3.28	1.31	0.07
65	3.31	1.35	0.08
66	2.60	1.08	0.06
67	2.69	1.07	0.06
68	2.71	1.08	0.06
69	2.91	1.26	0.07
70	2.91	1.16	0.07
71	3.32	1.12	0.06
72	3.64	1.23	0.07
73	3.66	1.24	0.07
74	3.38	1.18	0.07
75	3.42	1.18	0.07
76	3.46	1.17	0.07
77	3.41	1.12	0.06
78	3.45	1.13	0.06
79	3.59	1.09	0.06
80	3.19	1.11	0.06

Major Component Replacement

Yr	Perm Buildings Mean	Perm Buildings SDev	90% +/-	Temp Buildings Mean	Temp Buildings SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.08	0.06	0.01	0.00	0.01	0.00
5	0.07	0.05	0.01	0.00	0.01	0.00
6	0.02	0.02	0.00	0.00	0.00	0.00
7	0.09	0.09	0.01	0.00	0.00	0.00
8	0.26	0.18	0.02	0.02	0.04	0.00
9	0.27	0.18	0.02	0.07	0.04	0.00
10	0.22	0.13	0.02	0.11	0.08	0.01
11	0.27	0.10	0.01	0.25	0.11	0.01
12	0.38	0.15	0.02	0.26	0.11	0.01
13	0.41	0.12	0.02	0.32	0.14	0.01
14	0.50	0.11	0.01	0.39	0.19	0.01
15	0.58	0.22	0.03	0.39	0.19	0.01
16	0.60	0.29	0.04	0.40	0.21	0.01
17	0.63	0.21	0.03	0.39	0.20	0.01
18	0.52	0.28	0.04	0.57	0.30	0.02
19	0.53	0.22	0.03	0.62	0.30	0.02
20	0.62	0.20	0.03	0.65	0.25	0.02
21	0.66	0.26	0.03	0.68	0.28	0.02
22	0.56	0.18	0.02	0.56	0.21	0.02
23	0.57	0.16	0.02	0.55	0.22	0.02
24	0.55	0.26	0.03	0.43	0.23	0.02
25	0.62	0.25	0.03	0.36	0.18	0.01
26	0.68	0.25	0.03	0.43	0.20	0.01
27	0.71	0.18	0.02	0.48	0.21	0.02
28	0.90	0.26	0.03	0.45	0.18	0.01
29	0.71	0.20	0.03	0.52	0.22	0.02
30	0.63	0.27	0.04	0.49	0.20	0.01
31	0.69	0.32	0.04	0.61	0.24	0.02
32	0.93	0.29	0.04	0.71	0.30	0.02
33	0.96	0.40	0.05	0.66	0.24	0.02
34	0.77	0.32	0.04	0.62	0.25	0.02
35	0.69	0.16	0.02	0.76	0.35	0.02
36	0.77	0.32	0.04	0.70	0.31	0.02
37	0.84	0.21	0.03	0.72	0.30	0.02
38	0.89	0.24	0.03	0.75	0.27	0.02
39	0.91	0.29	0.04	0.85	0.28	0.02
40	0.92	0.24	0.03	0.77	0.22	0.02
41	0.84	0.23	0.03	0.70	0.21	0.02
42	0.47	0.22	0.03	0.55	0.15	0.01
43	0.41	0.20	0.03	0.34	0.12	0.01
44	0.48	0.15	0.02	0.33	0.08	0.01
45	0.48	0.15	0.02	0.30	0.07	0.00
46	0.37	0.16	0.02	0.27	0.09	0.01
47	0.36	0.19	0.02	0.30	0.08	0.01
48	0.51	0.30	0.04	0.28	0.08	0.01
49	0.52	0.29	0.04	0.43	0.14	0.01
50	0.59	0.21	0.03	0.61	0.21	0.02
51	0.65	0.30	0.04	0.62	0.23	0.02
52	0.88	0.27	0.04	0.66	0.19	0.01
53	0.95	0.38	0.05	0.66	0.11	0.01
54	0.75	0.27	0.04	0.66	0.10	0.01
55	0.77	0.31	0.04	0.69	0.12	0.01
56	0.93	0.32	0.04	0.93	0.25	0.02
57	0.96	0.33	0.04	0.95	0.26	0.02
58	0.89	0.34	0.04	0.92	0.29	0.02
59	0.85	0.21	0.03	0.91	0.31	0.02
60	0.74	0.22	0.03	0.77	0.20	0.01
61	0.63	0.35	0.05	0.67	0.10	0.01
62	0.74	0.20	0.03	0.71	0.14	0.01
63	0.81	0.29	0.04	0.69	0.14	0.01
64	0.86	0.28	0.04	0.66	0.13	0.01
65	0.93	0.27	0.03	0.61	0.17	0.01
66	0.81	0.26	0.03	0.58	0.17	0.01
67	0.80	0.24	0.03	0.70	0.22	0.02
68	1.00	0.25	0.03	0.80	0.26	0.02
69	0.83	0.25	0.03	0.79	0.24	0.02
70	0.76	0.32	0.04	0.75	0.22	0.02
71	0.82	0.27	0.04	0.86	0.38	0.03
72	0.92	0.35	0.05	1.00	0.47	0.03
73	0.94	0.30	0.04	0.96	0.40	0.03
74	0.86	0.24	0.03	0.96	0.41	0.03
75	0.86	0.23	0.03	0.95	0.40	0.03
76	0.78	0.30	0.04	0.88	0.39	0.03
77	0.87	0.19	0.03	0.87	0.38	0.03

Yr	Total Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.19	0.06	0.01	0.24	0.07	0.01
2	0.45	0.09	0.01	0.64	0.16	0.01
3	0.47	0.09	0.01	0.69	0.18	0.01
4	0.61	0.09	0.01	0.76	0.14	0.01
5	0.66	0.10	0.01	0.81	0.14	0.01
6	0.62	0.11	0.01	0.79	0.15	0.01
7	0.68	0.17	0.02	0.75	0.13	0.01
8	0.89	0.25	0.03	0.88	0.16	0.01
9	0.99	0.27	0.03	0.98	0.14	0.01
10	0.92	0.21	0.03	1.01	0.17	0.01
11	0.99	0.18	0.02	1.13	0.22	0.02
12	1.12	0.20	0.03	1.15	0.19	0.01
13	1.13	0.28	0.04	1.24	0.21	0.01
14	1.16	0.16	0.02	1.27	0.29	0.02
15	1.28	0.27	0.04	1.30	0.32	0.02
16	1.31	0.35	0.05	1.34	0.31	0.02
17	1.36	0.31	0.04	1.29	0.24	0.02
18	1.19	0.37	0.05	1.49	0.40	0.03
19	1.23	0.29	0.04	1.52	0.44	0.03
20	1.41	0.27	0.04	1.62	0.38	0.03
21	1.45	0.34	0.04	1.66	0.35	0.03
22	1.32	0.26	0.03	1.48	0.30	0.02
23	1.32	0.26	0.03	1.46	0.34	0.02
24	1.32	0.36	0.05	1.34	0.35	0.02
25	1.42	0.36	0.05	1.31	0.30	0.02
26	1.47	0.31	0.04	1.27	0.33	0.02
27	1.45	0.27	0.04	1.27	0.36	0.03
28	1.71	0.36	0.05	1.37	0.31	0.02
29	1.50	0.30	0.04	1.45	0.29	0.02
30	1.37	0.37	0.05	1.42	0.26	0.02
31	1.39	0.47	0.06	1.47	0.32	0.02
32	1.67	0.37	0.05	1.62	0.37	0.03
33	1.61	0.51	0.07	1.58	0.32	0.02
34	1.37	0.38	0.05	1.47	0.36	0.03
35	1.33	0.23	0.03	1.63	0.47	0.03
36	1.45	0.40	0.05	1.61	0.45	0.03
37	1.54	0.25	0.03	1.65	0.42	0.03
38	1.54	0.29	0.04	1.67	0.40	0.03
39	1.55	0.38	0.05	1.68	0.42	0.03
40	1.56	0.32	0.04	1.60	0.33	0.02
41	1.48	0.28	0.04	1.57	0.27	0.02
42	1.15	0.29	0.04	1.41	0.22	0.02
43	1.11	0.29	0.04	1.21	0.17	0.01
44	1.19	0.23	0.03	1.22	0.15	0.01
45	1.27	0.25	0.03	1.23	0.11	0.01
46	1.17	0.24	0.03	1.17	0.12	0.01
47	1.14	0.29	0.04	1.16	0.17	0.01
48	1.28	0.39	0.05	1.21	0.17	0.01
49	1.35	0.40	0.05	1.36	0.22	0.02
50	1.39	0.27	0.04	1.54	0.29	0.02
51	1.46	0.41	0.05	1.47	0.35	0.02
52	1.64	0.32	0.04	1.53	0.31	0.02
53	1.66	0.37	0.05	1.55	0.26	0.02
54	1.48	0.34	0.05	1.49	0.26	0.02
55	1.53	0.39	0.05	1.62	0.29	0.02
56	1.65	0.41	0.05	1.91	0.40	0.03
57	1.67	0.40	0.05	1.88	0.39	0.03
58	1.61	0.42	0.05	1.83	0.40	0.03
59	1.53	0.28	0.04	1.76	0.37	0.03
60	1.44	0.31	0.04	1.70	0.27	0.02
61	1.31	0.49	0.06	1.57	0.17	0.01
62	1.44	0.30	0.04	1.59	0.21	0.01
63	1.41	0.35	0.05	1.59	0.22	0.02
64	1.52	0.37	0.05	1.64	0.21	0.01
65	1.66	0.38	0.05	1.61	0.29	0.02
66	1.51	0.33	0.04	1.50	0.29	0.02
67	1.52	0.32	0.04	1.56	0.36	0.03
68	1.69	0.30	0.04	1.69	0.38	0.03
69	1.54	0.35	0.05	1.63	0.33	0.02
70	1.47	0.36	0.05	1.56	0.32	0.02
71	1.57	0.37	0.05	1.71	0.47	0.03
72	1.69	0.45	0.06	1.88	0.49	0.04
73	1.76	0.40	0.05	1.84	0.43	0.03
74	1.62	0.28	0.04	1.76	0.47	0.03
75	1.64	0.27	0.04	1.82	0.52	0.04
76	1.57	0.40	0.05	1.79	0.47	0.03
77	1.42	0.26	0.03	1.76	0.45	0.03

Yr	Total Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.19	0.06	0.01	0.24	0.07	0.01
2	0.45	0.09	0.01	0.64	0.16	0.01
3	0.47	0.09	0.01	0.69	0.18	0.01
4	0.61	0.09	0.01	0.76	0.14	0.01
5	0.66	0.10	0.01	0.81	0.14	0.01
6	0.62	0.11	0.01	0.79	0.15	0.01
7	0.68	0.17	0.02	0.75	0.13	0.01
8	0.89	0.25	0.03	0.88	0.16	0.01
9	0.99	0.27	0.03	0.98	0.14	0.01
10	0.92	0.21	0.03	1.01	0.17	0.01
11	0.99	0.18	0.02	1.13	0.22	0.02
12	1.12	0.20	0.03	1.15	0.19	0.01
13	1.13	0.28	0.04	1.24	0.21	0.01
14	1.16	0.16	0.02	1.27	0.29	0.02
15	1.28	0.27	0.04	1.30	0.32	0.02
16	1.31	0.35	0.05	1.34	0.31	0.02
17	1.36	0.31	0.04	1.29	0.24	0.02
18	1.19	0.37	0.05	1.49	0.40	0.03
19	1.23	0.29	0.04	1.52	0.44	0.03
20	1.41	0.27	0.04	1.67	0.39	0.03
21	1.45	0.34	0.04	1.66	0.35	0.03
22	1.32	0.26	0.03	1.48	0.30	0.02
23	1.32	0.26	0.03	1.46	0.34	0.02
24	1.32	0.36	0.05	1.34	0.35	0.02
25	1.42	0.36	0.05	1.31	0.30	0.02
26	1.47	0.31	0.04	1.27	0.33	0.02
27	1.45	0.27	0.04	1.27	0.36	0.03
28	1.71	0.36	0.05	1.37	0.31	0.02
29	1.50	0.30	0.04	1.45	0.29	0.02
30	1.37	0.37	0.05	1.42	0.26	0.02
31	1.39	0.47	0.06	1.47	0.32	0.02
32	1.67	0.37	0.05	1.62	0.37	0.03
33	1.61	0.51	0.07	1.58	0.32	0.02
34	1.37	0.38	0.05	1.47	0.36	0.03
35	1.33	0.23	0.03	1.63	0.47	0.03
36	1.45	0.40	0.05	1.61	0.45	0.03
37	1.54	0.25	0.03	1.65	0.42	0.03
38	1.54	0.29	0.04	1.67	0.40	0.03
39	1.55	0.38	0.05	1.68	0.42	0.03
40	1.56	0.32	0.04	1.60	0.33	0.02
41	1.48	0.28	0.04	1.57	0.27	0.02
42	1.15	0.29	0.04	1.41	0.22	0.02
43	1.11	0.29	0.04	1.21	0.17	0.01
44	1.19	0.23	0.03	1.22	0.15	0.01
45	1.27	0.25	0.03	1.23	0.11	0.01
46	1.17	0.24	0.03	1.17	0.12	0.01
47	1.14	0.29	0.04	1.16	0.17	0.01
48	1.28	0.39	0.05	1.21	0.17	0.01
49	1.35	0.40	0.05	1.36	0.22	0.02
50	1.39	0.27	0.04	1.54	0.29	0.02
51	1.46	0.41	0.05	1.47	0.35	0.02
52	1.64	0.32	0.04	1.53	0.31	0.02
53	1.60	0.37	0.05	1.55	0.26	0.02
54	1.48	0.34	0.05	1.49	0.26	0.02
55	1.53	0.39	0.05	1.62	0.29	0.02
56	1.65	0.41	0.05	1.91	0.40	0.03
57	1.67	0.40	0.05	1.88	0.39	0.03
58	1.61	0.42	0.05	1.83	0.40	0.03
59	1.53	0.28	0.04	1.76	0.37	0.03
60	1.44	0.31	0.04	1.70	0.27	0.02
61	1.31	0.49	0.06	1.57	0.17	0.01
62	1.44	0.30	0.04	1.59	0.21	0.01
63	1.41	0.35	0.05	1.59	0.22	0.02
64	1.52	0.37	0.05	1.64	0.21	0.01
65	1.66	0.38	0.05	1.61	0.29	0.02
66	1.51	0.33	0.04	1.50	0.29	0.02
67	1.52	0.32	0.04	1.56	0.36	0.03
68	1.69	0.30	0.04	1.69	0.38	0.03
69	1.54	0.35	0.05	1.63	0.33	0.02
70	1.47	0.36	0.05	1.56	0.32	0.02
71	1.57	0.37	0.05	1.71	0.47	0.03
72	1.69	0.45	0.06	1.88	0.49	0.04
73	1.76	0.40	0.05	1.84	0.43	0.03
74	1.62	0.28	0.04	1.76	0.47	0.03
75	1.64	0.27	0.04	1.82	0.52	0.04
76	1.57	0.40	0.05	1.79	0.47	0.03
77	1.62	0.26	0.03	1.76	0.45	0.03
78	1.59	0.26	0.03	1.66	0.37	0.03
79	1.64	0.32	0.04	1.61	0.28	0.02
80	1.64	0.37	0.05	1.60	0.19	0.01

Annual Required Maintenance

Yr	Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.12	0.01	0.00	0.34	0.00	0.00
2	0.36	0.03	0.01	0.75	0.00	0.00
3	0.43	0.06	0.01	0.75	0.00	0.00
4	0.43	0.04	0.01	0.90	0.01	0.00
5	0.49	0.05	0.01	0.93	0.00	0.00
6	0.51	0.06	0.01	1.04	0.00	0.00
7	0.50	0.06	0.01	0.94	0.00	0.00
8	0.61	0.10	0.03	1.03	0.00	0.00
9	0.56	0.05	0.01	1.12	0.00	0.00
10	0.55	0.06	0.01	1.09	0.01	0.00
11	0.56	0.05	0.01	1.17	0.01	0.00
12	0.67	0.03	0.01	1.09	0.01	0.00
13	0.70	0.04	0.01	1.11	0.00	0.00
14	0.63	0.03	0.01	1.23	0.01	0.00
15	0.68	0.04	0.01	1.05	0.00	0.00
16	0.70	0.12	0.03	1.08	0.00	0.00
17	0.68	0.04	0.01	1.03	0.00	0.00
18	0.70	0.02	0.01	1.18	0.01	0.00
19	0.65	0.03	0.01	1.11	0.00	0.00
20	0.59	0.06	0.02	1.13	0.01	0.00
21	0.64	0.05	0.01	1.14	0.00	0.00
22	0.60	0.05	0.01	0.96	0.00	0.00
23	0.66	0.01	0.00	1.27	0.01	0.00
24	0.64	0.06	0.01	1.09	0.01	0.00
25	0.67	0.07	0.02	1.12	0.00	0.00
26	0.64	0.03	0.01	1.27	0.01	0.00
27	0.77	0.02	0.01	1.04	0.00	0.00
28	0.87	0.04	0.01	1.17	0.01	0.00
29	0.78	0.04	0.01	1.07	0.00	0.00
30	0.77	0.02	0.01	1.12	0.00	0.00
31	0.64	0.10	0.03	1.03	0.00	0.00
32	0.66	0.03	0.01	1.09	0.01	0.00
33	0.63	0.02	0.01	0.98	0.00	0.00
34	0.59	0.04	0.01	1.00	0.00	0.00
35	0.55	0.07	0.02	1.06	0.00	0.00
36	0.57	0.07	0.02	1.12	0.00	0.00
37	0.56	0.06	0.02	1.06	0.00	0.00
38	0.62	0.05	0.01	1.27	0.01	0.00
39	0.53	0.06	0.01	0.95	0.00	0.00
40	0.52	0.05	0.01	1.04	0.00	0.00
41	0.54	0.07	0.02	1.02	0.01	0.00
42	0.65	0.05	0.01	1.06	0.00	0.00
43	0.75	0.03	0.01	1.29	0.00	0.00
44	0.66	0.03	0.01	1.09	0.01	0.00
45	0.75	0.05	0.01	1.06	0.00	0.00
46	0.76	0.10	0.03	1.02	0.01	0.00
47	0.76	0.05	0.01	1.16	0.00	0.00
48	0.89	0.04	0.01	1.07	0.00	0.00
49	0.80	0.05	0.01	1.25	0.00	0.00
50	0.69	0.11	0.03	1.22	0.01	0.00
51	0.62	0.07	0.02	1.04	0.00	0.00
52	0.64	0.04	0.01	0.98	0.00	0.00
53	0.67	0.03	0.01	0.93	0.00	0.00
54	0.63	0.07	0.02	1.07	0.00	0.00
55	0.68	0.03	0.01	1.02	0.01	0.00
56	0.63	0.06	0.02	1.26	0.00	0.00
57	0.70	0.04	0.01	1.06	0.00	0.00
58	0.70	0.02	0.00	1.25	0.00	0.00
59	0.63	0.02	0.01	1.09	0.01	0.00
60	0.68	0.04	0.01	1.15	0.00	0.00
61	0.60	0.09	0.02	1.08	0.00	0.00
62	0.61	0.02	0.01	1.19	0.00	0.00
63	0.64	0.02	0.01	1.18	0.01	0.00
64	0.67	0.03	0.01	1.12	0.00	0.00
65	0.60	0.04	0.01	1.11	0.00	0.00
66	0.60	0.08	0.02	1.01	0.00	0.00
67	0.59	0.08	0.02	1.07	0.00	0.00
68	0.69	0.03	0.01	1.03	0.00	0.00
69	0.57	0.07	0.02	1.15	0.00	0.00
70	0.55	0.08	0.02	1.08	0.00	0.00
71	0.59	0.05	0.01	1.17	0.01	0.00
72	0.71	0.04	0.01	1.12	0.00	0.00
73	0.86	0.06	0.01	0.98	0.00	0.00
74	0.73	0.03	0.01	1.08	0.00	0.00
75	0.79	0.06	0.02	0.98	0.00	0.00
76	0.75	0.07	0.02	1.13	0.01	0.00
77	0.77	0.02	0.00	1.09	0.01	0.00
78	0.79	0.02	0.01	0.88	0.00	0.00
79	0.74	0.05	0.01	1.01	0.00	0.00
80	0.67	0.05	0.01	0.95	0.00	0.00

Yr	Major Component Replacement Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.07	0.04	0.01	0.00	0.00	0.00
5	0.07	0.03	0.01	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.02	0.01	0.00	0.00	0.00	0.00
8	0.10	0.05	0.01	0.02	0.00	0.00
9	0.14	0.03	0.01	0.11	0.00	0.00
10	0.10	0.03	0.01	0.21	0.00	0.00
11	0.22	0.06	0.02	0.38	0.00	0.00
12	0.32	0.13	0.03	0.76	0.00	0.00
13	0.41	0.03	0.01	0.25	0.03	0.00
14	0.49	0.11	0.03	0.43	0.00	0.00
15	0.51	0.07	0.02	0.22	0.00	0.00
16	0.58	0.00	0.00	1.28	0.00	0.00
17	0.47	0.14	0.04	0.70	0.01	0.00
18	0.42	0.02	0.01	0.25	0.03	0.00
19	0.51	0.10	0.03	0.81	0.00	0.00
20	0.54	0.10	0.03	0.38	0.00	0.00
21	0.58	0.11	0.03	1.61	0.00	0.00
22	0.57	0.02	0.01	0.85	0.00	0.00
23	0.55	0.03	0.01	0.24	0.00	0.00
24	0.46	0.03	0.01	0.48	0.00	0.00
25	0.45	0.02	0.01	0.22	0.00	0.00
26	0.43	0.05	0.01	1.37	0.00	0.00
27	0.59	0.02	0.01	0.30	0.00	0.00
28	0.71	0.09	0.02	0.94	0.00	0.00
29	0.78	0.12	0.03	0.56	0.07	0.00
30	0.60	0.04	0.01	0.95	0.00	0.00
31	0.59	0.63	0.17	1.51	0.00	0.00
32	0.84	0.15	0.04	0.54	0.00	0.00
33	0.77	0.12	0.03	1.08	0.00	0.00
34	0.62	0.08	0.02	1.36	0.02	0.00
35	0.67	0.17	0.04	0.44	0.00	0.00
36	0.66	0.08	0.02	0.72	0.00	0.00
37	0.69	0.04	0.01	0.44	0.00	0.00
38	0.61	0.04	0.01	1.00	0.00	0.00
39	0.64	0.12	0.03	1.48	0.00	0.00
40	0.71	0.06	0.02	0.80	0.00	0.00
41	0.76	0.07	0.02	0.44	0.00	0.00
42	0.55	0.08	0.02	1.30	0.00	0.00
43	0.46	0.04	0.01	0.28	0.00	0.00
44	0.52	0.06	0.02	0.82	0.00	0.00
45	0.32	0.04	0.01	0.56	0.07	0.00
46	0.22	0.08	0.02	0.27	0.00	0.00
47	0.22	0.07	0.02	0.35	0.00	0.00
48	0.31	0.15	0.04	0.28	0.00	0.00
49	0.41	0.08	0.02	0.95	0.00	0.00
50	0.56	0.07	0.02	0.98	0.00	0.00
51	0.57	0.06	0.01	0.38	0.00	0.00
52	0.62	0.06	0.02	1.40	0.00	0.00
53	0.56	0.06	0.02	0.31	0.00	0.00
54	0.49	0.05	0.01	1.28	0.00	0.00
55	0.77	0.02	0.01	0.52	0.00	0.00
56	0.90	0.07	0.02	0.37	0.00	0.00
57	0.91	0.09	0.02	1.33	0.00	0.00
58	0.95	0.10	0.03	1.33	0.00	0.00
59	0.77	0.04	0.01	1.69	0.00	0.00
60	0.66	0.03	0.01	0.51	0.07	0.00
61	0.65	0.91	0.24	0.75	0.00	0.00
62	0.56	0.03	0.01	0.82	0.00	0.00
63	0.53	0.04	0.01	1.09	0.01	0.00
64	0.59	0.04	0.01	0.42	0.00	0.00
65	0.58	0.02	0.01	0.55	0.00	0.00
66	0.37	0.02	0.00	0.30	0.00	0.00
67	0.45	0.01	0.00	1.02	0.01	0.00
68	0.70	0.10	0.03	2.11	0.00	0.00
69	0.74	0.08	0.02	0.44	0.00	0.00
70	0.59	0.09	0.02	1.95	0.00	0.00
71	0.65	0.10	0.03	0.49	0.00	0.00
72	0.80	0.21	0.05	1.23	0.01	0.00
73	0.57	0.01	0.00	2.42	0.02	0.00
74	0.48	0.16	0.04	0.92	0.00	0.00
75	0.53	0.06	0.02	2.83	0.00	0.00
76	0.67	0.14	0.04	0.77	0.00	0.00
77	0.65	0.08	0.02	0.53	0.00	0.00
78	0.47	0.05	0.01	1.07	0.00	0.00
79	0.59	0.05	0.01	0.65	0.00	0.00
80	0.55	0.04	0.01	0.54	0.00	0.00

Yr	Total Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.12	0.01	0.00	0.34	0.00	0.00
2	0.36	0.03	0.01	0.75	0.00	0.00
3	0.43	0.06	0.01	0.75	0.00	0.00
4	0.51	0.01	0.00	0.90	0.01	0.00
5	0.56	0.03	0.01	0.93	0.00	0.00
6	0.51	0.06	0.01	1.04	0.00	0.00
7	0.52	0.05	0.01	0.94	0.00	0.00
8	0.71	0.05	0.01	1.05	0.00	0.00
9	0.70	0.02	0.01	1.23	0.01	0.00
10	0.65	0.03	0.01	1.30	0.00	0.00
11	0.78	0.05	0.01	1.55	0.00	0.00
12	0.99	0.11	0.03	1.86	0.00	0.00
13	1.11	0.02	0.01	1.36	0.02	0.00
14	1.11	0.09	0.02	1.66	0.00	0.00
15	1.18	0.03	0.01	1.27	0.01	0.00
16	1.28	0.12	0.03	2.37	0.02	0.00
17	1.15	0.10	0.03	1.72	0.00	0.00
18	1.12	0.04	0.01	1.44	0.00	0.00
19	1.16	0.08	0.02	1.91	0.02	0.00
20	1.13	0.05	0.01	1.50	0.00	0.00
21	1.22	0.15	0.04	2.75	0.00	0.00
22	1.17	0.07	0.02	1.81	0.00	0.00
23	1.21	0.04	0.01	1.51	0.00	0.00
24	1.10	0.08	0.02	1.57	0.00	0.00
25	1.12	0.08	0.02	1.34	0.00	0.00
26	1.07	0.03	0.01	2.64	0.00	0.00
27	1.36	0.04	0.01	1.34	0.00	0.00
28	1.58	0.07	0.02	2.11	0.00	0.00
29	1.55	0.08	0.02	1.64	0.00	0.00
30	1.37	0.06	0.02	2.07	0.00	0.00
31	1.23	0.65	0.17	2.54	0.02	0.00
32	1.50	0.12	0.03	1.64	0.00	0.00
33	1.40	0.14	0.04	2.07	0.00	0.00
34	1.22	0.12	0.03	2.35	0.00	0.00
35	1.22	0.10	0.03	1.50	0.00	0.00
36	1.23	0.15	0.04	1.83	0.00	0.00
37	1.25	0.10	0.03	1.50	0.00	0.00
38	1.23	0.03	0.01	2.27	0.00	0.00
39	1.17	0.17	0.05	2.43	0.02	0.00
40	1.23	0.03	0.01	1.83	0.00	0.00
41	1.30	0.07	0.02	1.46	0.00	0.00
42	1.20	0.05	0.01	2.37	0.02	0.00
43	1.21	0.05	0.01	1.57	0.00	0.00
44	1.18	0.08	0.02	1.91	0.02	0.00
45	1.06	0.03	0.01	1.62	0.00	0.00
46	0.98	0.03	0.01	1.28	0.00	0.00
47	0.98	0.03	0.01	1.51	0.00	0.00
48	1.20	0.18	0.05	1.35	0.00	0.00
49	1.21	0.03	0.01	2.20	0.00	0.00
50	1.25	0.05	0.01	2.20	0.00	0.00
51	1.19	0.07	0.02	1.41	0.00	0.00
52	1.25	0.09	0.02	2.39	0.00	0.00
53	1.23	0.05	0.01	1.24	0.00	0.00
54	1.11	0.12	0.03	2.35	0.00	0.00
55	1.45	0.04	0.01	1.54	0.00	0.00
56	1.53	0.04	0.01	1.62	0.00	0.00
57	1.61	0.13	0.03	2.39	0.00	0.00
58	1.65	0.10	0.03	2.58	0.00	0.00
59	1.40	0.04	0.01	2.79	0.05	0.00
60	1.36	0.06	0.02	1.66	0.00	0.00
61	1.24	0.93	0.25	1.83	0.00	0.00
62	1.17	0.03	0.01	2.01	0.00	0.00
63	1.16	0.06	0.02	2.28	0.00	0.00
64	1.26	0.03	0.01	1.54	0.00	0.00
65	1.18	0.04	0.01	1.66	0.00	0.00
66	0.97	0.10	0.03	1.30	0.00	0.00
67	1.04	0.08	0.02	2.09	0.00	0.00
68	1.39	0.08	0.02	3.14	0.00	0.00
69	1.31	0.03	0.01	1.59	0.00	0.00
70	1.13	0.17	0.04	3.03	0.00	0.00
71	1.24	0.08	0.02	1.66	0.00	0.00
72	1.51	0.18	0.05	2.34	0.02	0.00
73	1.43	0.06	0.02	3.40	0.00	0.00
74	1.21	0.13	0.03	2.00	0.00	0.00
75	1.31	0.02	0.01	3.81	0.00	0.00
76	1.42	0.09	0.02	1.90	0.00	0.00
77	1.42	0.09	0.02	1.62	0.00	0.00
78	1.26	0.05	0.01	1.96	0.00	0.00
79	1.33	0.03	0.01	1.66	0.00	0.00
80	1.22	0.01	0.00	1.49	0.00	0.00

Yr	Annual Required Maintenance Pers Buildings Mean	SDev	90% +/-	Tens Buildings Mean	SDev	90% +/-
1	0.34	0.07	0.03	0.12	0.10	0.02
2	0.76	0.07	0.03	0.46	0.31	0.05
3	0.81	0.10	0.04	0.49	0.33	0.05
4	0.98	0.06	0.03	0.57	0.36	0.05
5	0.98	0.07	0.03	0.62	0.38	0.06
6	0.99	0.08	0.03	0.63	0.40	0.06
7	0.99	0.08	0.04	0.61	0.39	0.06
8	1.03	0.07	0.03	0.67	0.42	0.06
9	1.18	0.09	0.04	0.72	0.44	0.06
10	1.12	0.12	0.05	0.69	0.43	0.06
11	1.50	0.33	0.14	0.73	0.45	0.07
12	1.58	0.33	0.14	0.70	0.42	0.06
13	1.52	0.22	0.10	0.70	0.44	0.06
14	1.50	0.31	0.14	0.68	0.41	0.06
15	1.08	0.11	0.05	0.70	0.45	0.07
16	1.12	0.07	0.03	0.70	0.43	0.06
17	1.20	0.21	0.09	0.63	0.40	0.06
18	1.00	0.12	0.05	0.64	0.40	0.06
19	1.09	0.07	0.03	0.71	0.44	0.07
20	1.21	0.12	0.05	0.76	0.47	0.07
21	1.16	0.13	0.06	0.76	0.48	0.07
22	1.17	0.19	0.08	0.73	0.45	0.07
23	1.43	0.22	0.09	0.76	0.46	0.07
24	1.57	0.34	0.15	0.73	0.46	0.07
25	1.59	0.30	0.13	0.74	0.46	0.07
26	1.59	0.33	0.14	0.73	0.46	0.07
27	1.16	0.13	0.06	0.69	0.43	0.06
28	1.12	0.06	0.03	0.72	0.45	0.07
29	1.20	0.03	0.01	0.72	0.44	0.06
30	1.16	0.12	0.05	0.68	0.41	0.06
31	1.07	0.09	0.04	0.63	0.39	0.06
32	1.13	0.10	0.04	0.65	0.39	0.06
33	1.05	0.09	0.04	0.69	0.42	0.06
34	1.05	0.10	0.05	0.69	0.42	0.06
35	1.44	0.32	0.14	0.68	0.42	0.06
36	1.58	0.32	0.14	0.68	0.43	0.06
37	1.57	0.30	0.13	0.73	0.45	0.07
38	1.39	0.24	0.11	0.70	0.44	0.06
39	1.04	0.11	0.05	0.67	0.42	0.06
40	1.08	0.08	0.03	0.63	0.41	0.06
41	1.07	0.15	0.07	0.70	0.44	0.07
42	1.01	0.06	0.03	0.64	0.39	0.06
43	0.96	0.09	0.04	0.64	0.40	0.06
44	1.13	0.09	0.04	0.69	0.43	0.06
45	1.15	0.13	0.06	0.68	0.42	0.06
46	1.13	0.11	0.05	0.70	0.44	0.06
47	1.57	0.31	0.14	0.70	0.43	0.06
48	1.57	0.18	0.08	0.72	0.45	0.07
49	1.65	0.35	0.15	0.72	0.45	0.07
50	1.65	0.32	0.14	0.71	0.44	0.06
51	1.15	0.15	0.06	0.78	0.49	0.07
52	1.13	0.09	0.04	0.73	0.46	0.07
53	1.09	0.06	0.03	0.69	0.43	0.06
54	1.12	0.06	0.03	0.65	0.42	0.06
55	1.18	0.17	0.07	0.74	0.47	0.07
56	1.14	0.09	0.04	0.73	0.47	0.07
57	1.14	0.13	0.06	0.69	0.42	0.06
58	0.99	0.10	0.04	0.69	0.44	0.06
59	1.53	0.28	0.12	0.66	0.40	0.06
60	1.59	0.30	0.13	0.68	0.42	0.06
61	1.48	0.33	0.14	0.67	0.45	0.07
62	1.48	0.31	0.14	0.67	0.41	0.06
63	1.00	0.15	0.07	0.62	0.38	0.06
64	1.11	0.08	0.04	0.66	0.42	0.06
65	1.12	0.10	0.04	0.70	0.43	0.06
66	1.07	0.11	0.05	0.72	0.45	0.07
67	1.09	0.13	0.06	0.72	0.44	0.06
68	1.06	0.08	0.03	0.68	0.44	0.06
69	1.16	0.12	0.05	0.72	0.45	0.07
70	1.09	0.11	0.05	0.69	0.44	0.07
71	1.49	0.36	0.16	0.72	0.44	0.06
72	1.61	0.29	0.13	0.64	0.39	0.06
73	1.56	0.21	0.09	0.71	0.42	0.06
74	1.51	0.35	0.15	0.67	0.41	0.06
75	1.15	0.12	0.05	0.67	0.41	0.06
76	1.20	0.09	0.04	0.68	0.42	0.06
77	1.21	0.14	0.06	0.67	0.42	0.06
78	1.09	0.17	0.07	0.65	0.40	0.06
79	1.05	0.07	0.03	0.65	0.41	0.06
80	1.05	0.11	0.05	0.67	0.41	0.06

Major Component Replacement

Yr	Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.14	0.06	0.03	0.01	0.03	0.01
5	0.13	0.07	0.03	0.00	0.02	0.00
6	0.02	0.01	0.00	0.01	0.02	0.00
7	0.06	0.07	0.03	0.05	0.07	0.01
8	0.23	0.09	0.04	0.06	0.08	0.01
9	0.23	0.07	0.03	0.08	0.07	0.01
10	0.26	0.19	0.08	0.14	0.12	0.02
11	0.59	0.18	0.08	0.29	0.25	0.04
12	0.44	0.06	0.02	0.28	0.26	0.04
13	1.17	0.19	0.08	0.29	0.28	0.04
14	0.59	0.11	0.05	0.35	0.31	0.05
15	1.19	0.29	0.13	0.44	0.42	0.06
16	1.03	0.22	0.09	0.43	0.36	0.05
17	0.46	0.11	0.05	0.37	0.32	0.05
18	0.76	0.22	0.10	0.65	0.51	0.07
19	0.49	0.06	0.03	0.66	0.57	0.08
20	0.94	0.28	0.12	0.53	0.37	0.05
21	0.81	0.10	0.04	0.63	0.46	0.07
22	0.87	0.16	0.07	0.44	0.35	0.05
23	0.82	0.27	0.12	0.42	0.28	0.04
24	0.82	0.25	0.11	0.39	0.33	0.05
25	0.64	0.15	0.06	0.43	0.42	0.06
26	1.27	0.52	0.23	0.59	0.45	0.07
27	1.18	0.48	0.21	0.57	0.50	0.07
28	2.03	0.70	0.30	0.50	0.38	0.06
29	1.21	0.42	0.18	0.59	0.48	0.07
30	1.58	0.51	0.22	0.58	0.45	0.07
31	0.85	0.04	0.02	0.92	1.68	0.25
32	1.17	0.27	0.12	0.75	0.70	0.10
33	1.60	0.67	0.29	0.66	0.47	0.07
34	0.87	0.21	0.09	0.67	0.47	0.07
35	0.91	0.31	0.14	0.62	0.48	0.07
36	0.80	0.19	0.08	0.68	0.50	0.07
37	1.31	0.59	0.26	0.70	0.54	0.08
38	0.81	0.20	0.09	0.70	0.48	0.07
39	1.13	0.54	0.24	0.77	0.52	0.08
40	0.90	0.29	0.13	0.79	0.55	0.08
41	1.24	0.13	0.06	0.69	0.70	0.10
42	0.98	0.16	0.07	0.46	0.35	0.05
43	0.70	0.14	0.06	0.41	0.31	0.05
44	1.08	0.06	0.03	0.44	0.32	0.05
45	0.69	0.11	0.05	0.44	0.26	0.04
46	0.82	0.27	0.12	0.41	0.27	0.04
47	0.45	0.07	0.03	0.38	0.28	0.04
48	0.87	0.19	0.08	0.34	0.25	0.04
49	0.58	0.12	0.05	0.39	0.26	0.04
50	1.24	0.04	0.02	0.50	0.37	0.06
51	0.91	0.18	0.08	0.50	0.42	0.06
52	1.76	0.74	0.32	0.52	0.39	0.06
53	1.20	0.41	0.18	0.58	0.45	0.07
54	1.07	0.45	0.20	0.59	0.41	0.06
55	1.39	0.27	0.12	0.98	1.12	0.16
56	1.33	0.38	0.17	0.90	0.56	0.08
57	1.50	0.26	0.12	1.00	0.75	0.11
58	1.59	0.56	0.25	0.96	0.61	0.09
59	1.36	0.44	0.19	0.95	0.72	0.11
60	1.05	0.52	0.23	0.91	0.81	0.12
61	0.83	0.12	0.05	1.14	2.24	0.33
62	0.96	0.20	0.09	0.80	0.66	0.10
63	0.96	0.75	0.33	0.83	0.65	0.10
64	1.09	0.29	0.13	0.81	0.74	0.11
65	0.96	0.45	0.20	0.92	1.43	0.21
66	0.91	0.17	0.07	0.66	0.71	0.11
67	0.94	0.46	0.20	0.98	0.92	0.14
68	1.38	0.18	0.08	0.89	0.79	0.12
69	1.26	0.26	0.11	0.84	0.91	0.13
70	1.31	0.28	0.12	0.92	0.73	0.11
71	1.74	0.69	0.30	0.85	0.82	0.12
72	1.52	0.46	0.20	1.09	1.01	0.15
73	1.68	0.48	0.21	1.10	0.89	0.13
74	1.52	0.46	0.20	1.09	1.00	0.15
75	2.34	1.60	0.70	1.19	1.06	0.16
76	1.23	0.27	0.12	0.82	0.63	0.09
77	1.35	0.60	0.26	0.96	0.82	0.12
78	1.32	0.29	0.13	0.88	0.84	0.12
79	1.60	0.56	0.25	0.64	0.49	0.07
80	1.69	0.70	0.30	0.92	0.88	0.13

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Total Maintenance

Yr	Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.34	0.07	0.03	0.12	0.10	0.02
2	0.76	0.07	0.03	0.46	0.31	0.05
3	0.81	0.10	0.04	0.49	0.33	0.05
4	1.12	0.08	0.03	0.58	0.37	0.05
5	1.11	0.10	0.05	0.63	0.39	0.06
6	1.01	0.08	0.04	0.64	0.41	0.06
7	1.04	0.13	0.06	0.66	0.42	0.06
8	1.26	0.16	0.07	0.73	0.46	0.07
9	1.41	0.11	0.05	0.80	0.49	0.07
10	1.38	0.30	0.13	0.83	0.53	0.08
11	2.09	0.29	0.13	1.02	0.66	0.10
12	2.01	0.38	0.17	0.97	0.65	0.10
13	2.69	0.12	0.05	0.99	0.67	0.10
14	2.09	0.26	0.11	1.03	0.68	0.10
15	2.28	0.32	0.14	1.14	0.80	0.12
16	2.15	0.17	0.07	1.13	0.73	0.11
17	1.67	0.23	0.10	1.00	0.65	0.10
18	1.76	0.31	0.14	1.29	0.88	0.13
19	1.57	0.08	0.03	1.37	0.94	0.14
20	2.15	0.18	0.08	1.29	0.80	0.12
21	1.96	0.21	0.09	1.39	0.90	0.13
22	2.04	0.19	0.08	1.17	0.74	0.11
23	2.25	0.05	0.02	1.17	0.70	0.10
24	2.39	0.57	0.25	1.12	0.74	0.11
25	2.23	0.45	0.20	1.17	0.82	0.12
26	2.86	0.53	0.23	1.32	0.86	0.13
27	2.35	0.35	0.15	1.26	0.89	0.13
28	3.15	0.76	0.33	1.22	0.79	0.12
29	2.41	0.45	0.20	1.31	0.87	0.13
30	2.74	0.41	0.18	1.26	0.84	0.12
31	1.92	0.12	0.05	1.55	1.86	0.27
32	2.30	0.26	0.11	1.40	1.01	0.15
33	2.64	0.76	0.33	1.35	0.86	0.13
34	1.92	0.21	0.09	1.35	0.87	0.13
35	2.35	0.58	0.25	1.30	0.84	0.12
36	2.38	0.12	0.05	1.36	0.89	0.13
37	2.88	0.78	0.34	1.43	0.94	0.14
38	2.20	0.11	0.05	1.40	0.89	0.13
39	2.18	0.65	0.28	1.44	0.92	0.14
40	1.98	0.25	0.11	1.42	0.92	0.14
41	2.31	0.23	0.10	1.39	1.04	0.15
42	1.99	0.19	0.08	1.10	0.69	0.10
43	1.66	0.09	0.04	1.05	0.67	0.10
44	2.21	0.03	0.01	1.13	0.70	0.10
45	1.84	0.13	0.06	1.12	0.65	0.10
46	1.95	0.18	0.08	1.10	0.67	0.10
47	2.02	0.31	0.14	1.08	0.66	0.10
48	2.44	0.21	0.09	1.06	0.65	0.10
49	2.23	0.45	0.20	1.11	0.68	0.10
50	2.89	0.30	0.13	1.21	0.75	0.11
51	2.06	0.25	0.11	1.28	0.85	0.12
52	2.39	0.77	0.33	1.25	0.79	0.12
53	2.30	0.38	0.16	1.27	0.78	0.11
54	2.20	0.46	0.20	1.24	0.79	0.12
55	2.57	0.28	0.12	1.72	1.37	0.20
56	2.47	0.31	0.14	1.63	0.99	0.15
57	2.64	0.20	0.09	1.69	1.14	0.17
58	2.58	0.66	0.29	1.65	1.00	0.15
59	2.89	0.57	0.25	1.61	1.06	0.16
60	2.64	0.32	0.14	1.59	1.16	0.17
61	2.31	0.25	0.11	1.82	2.48	0.37
62	2.44	0.49	0.22	1.47	0.96	0.14
63	1.96	0.88	0.39	1.44	0.90	0.13
64	2.20	0.27	0.12	1.47	1.06	0.16
65	2.07	0.48	0.21	1.62	1.65	0.24
66	1.98	0.27	0.12	1.38	1.06	0.16
67	2.02	0.56	0.25	1.69	1.24	0.18
68	2.43	0.16	0.07	1.57	1.13	0.17
69	2.41	0.16	0.07	1.56	1.23	0.18
70	2.40	0.36	0.16	1.61	1.10	0.16
71	3.23	1.00	0.44	1.56	1.12	0.16
72	3.13	0.66	0.29	1.73	1.30	0.19
73	3.24	0.65	0.28	1.80	1.23	0.18
74	3.04	0.39	0.17	1.76	1.31	0.19
75	3.49	1.71	0.75	1.86	1.38	0.20
76	2.43	0.25	0.11	1.49	1.00	0.15
77	2.56	0.67	0.29	1.63	1.16	0.17
78	2.40	0.43	0.19	1.54	1.15	0.17
79	2.66	0.52	0.23	1.29	0.84	0.12
80	2.75	0.65	0.29	1.60	1.21	0.18

Yr	Annual Required Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.17	0.08	0.02	0.25	0.13	0.12
2	0.51	0.18	0.05	0.38	0.32	0.30
3	0.57	0.16	0.04	0.49	0.32	0.30
4	0.69	0.22	0.06	0.70	0.33	0.32
5	0.82	0.26	0.07	0.74	0.35	0.33
6	0.78	0.26	0.07	0.65	0.40	0.38
7	0.74	0.27	0.08	0.79	0.46	0.43
8	0.86	0.22	0.06	0.67	0.35	0.33
9	0.99	0.31	0.09	0.83	0.43	0.41
10	0.94	0.28	0.08	0.87	0.37	0.36
11	1.01	0.27	0.08	0.82	0.53	0.50
12	0.98	0.30	0.09	0.82	0.45	0.43
13	1.07	0.31	0.09	0.80	0.46	0.43
14	0.90	0.24	0.07	0.81	0.52	0.49
15	0.96	0.25	0.07	0.81	0.44	0.41
16	0.96	0.27	0.08	0.71	0.41	0.39
17	0.99	0.40	0.11	0.89	0.35	0.33
18	0.87	0.25	0.07	0.89	0.23	0.22
19	0.89	0.28	0.08	0.66	0.38	0.36
20	1.02	0.33	0.09	0.79	0.51	0.49
21	1.15	0.40	0.11	1.32	0.56	0.54
22	1.05	0.22	0.06	0.84	0.38	0.36
23	0.96	0.30	0.09	0.89	0.35	0.33
24	0.97	0.25	0.07	0.81	0.40	0.38
25	0.98	0.27	0.08	1.11	0.45	0.43
26	1.17	0.27	0.08	0.81	0.51	0.49
27	0.82	0.27	0.08	0.74	0.48	0.46
28	1.01	0.34	0.10	0.84	0.29	0.28
29	0.96	0.30	0.09	0.78	0.43	0.41
30	0.92	0.30	0.09	0.93	0.30	0.28
31	0.93	0.30	0.08	0.95	0.48	0.46
32	1.05	0.40	0.11	0.79	0.39	0.38
33	0.82	0.22	0.06	0.82	0.40	0.38
34	0.83	0.19	0.06	0.67	0.43	0.41
35	0.85	0.25	0.07	0.80	0.50	0.47
36	0.95	0.23	0.07	0.71	0.47	0.44
37	0.87	0.30	0.09	0.90	0.42	0.40
38	0.91	0.25	0.07	1.02	0.22	0.20
39	0.87	0.24	0.07	0.58	0.37	0.35
40	0.83	0.29	0.08	0.68	0.39	0.37
41	0.83	0.33	0.09	0.86	0.51	0.49
42	0.90	0.35	0.10	1.04	0.40	0.38
43	0.99	0.38	0.11	0.64	0.42	0.40
44	0.93	0.28	0.08	0.76	0.38	0.36
45	1.09	0.22	0.06	1.09	0.28	0.27
46	0.99	0.21	0.06	0.79	0.41	0.39
47	1.03	0.37	0.11	0.76	0.34	0.32
48	0.94	0.20	0.06	0.83	0.43	0.41
49	0.92	0.25	0.07	0.90	0.44	0.42
50	1.05	0.24	0.07	0.79	0.42	0.40
51	1.09	0.29	0.08	0.80	0.56	0.54
52	0.95	0.33	0.10	0.81	0.43	0.41
53	0.89	0.25	0.07	0.69	0.37	0.35
54	0.90	0.28	0.08	0.71	0.42	0.40
55	1.05	0.25	0.07	0.85	0.53	0.50
56	1.01	0.30	0.09	0.93	0.39	0.37
57	0.95	0.32	0.09	0.87	0.40	0.38
58	0.94	0.36	0.10	0.79	0.26	0.25
59	0.90	0.25	0.07	0.99	0.29	0.27
60	0.94	0.32	0.09	0.79	0.41	0.39
61	0.92	0.33	0.09	0.84	0.69	0.66
62	0.95	0.43	0.12	0.99	0.33	0.32
63	0.95	0.29	0.08	0.77	0.52	0.49
64	0.95	0.27	0.08	0.82	0.44	0.42
65	1.01	0.29	0.08	0.92	0.39	0.37
66	0.97	0.27	0.08	1.06	0.41	0.39
67	0.96	0.25	0.07	0.72	0.33	0.31
68	0.92	0.19	0.05	0.78	0.34	0.32
69	0.96	0.21	0.06	0.78	0.37	0.35
70	0.80	0.29	0.08	0.77	0.47	0.44
71	0.91	0.28	0.08	0.80	0.52	0.50
72	0.92	0.28	0.08	0.84	0.37	0.35
73	1.13	0.30	0.09	0.82	0.44	0.42
74	0.86	0.20	0.06	0.66	0.43	0.41
75	0.99	0.18	0.05	0.70	0.44	0.42
76	0.90	0.22	0.06	0.88	0.55	0.52
77	0.97	0.38	0.11	0.87	0.38	0.36
78	0.85	0.22	0.06	0.72	0.29	0.28
79	0.88	0.25	0.07	1.03	0.28	0.27
80	0.90	0.28	0.08	0.84	0.31	0.29

Yr	Major Component Replacement Perm Buildings Mean	Perm Buildings SDev	Perm Buildings 90% +/-	Temp Buildings Mean	Temp Buildings SDev	Temp Buildings 90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.01	0.00	0.00	0.00	0.00
5	0.02	0.06	0.02	0.06	0.26	0.24
6	0.01	0.02	0.01	0.00	0.00	0.00
7	0.04	0.06	0.02	0.00	0.00	0.00
8	0.25	0.21	0.06	0.00	0.01	0.01
9	0.41	0.61	0.18	0.18	0.75	0.71
10	0.18	0.07	0.02	0.01	0.01	0.01
11	0.23	0.14	0.04	0.05	0.15	0.15
12	0.24	0.13	0.04	0.02	0.01	0.01
13	0.35	0.13	0.04	0.11	0.39	0.37
14	0.29	0.28	0.08	0.02	0.00	0.00
15	0.49	0.17	0.05	0.48	0.08	0.08
16	0.96	0.44	0.13	0.05	0.12	0.12
17	0.58	0.62	0.18	0.28	1.12	1.07
18	0.40	0.16	0.05	0.06	0.19	0.18
19	0.50	0.47	0.14	0.63	0.60	0.57
20	0.28	0.09	0.03	0.20	0.09	0.09
21	1.05	0.48	0.14	0.41	0.96	0.92
22	0.37	0.10	0.03	0.03	0.05	0.05
23	0.45	0.12	0.03	0.66	0.03	0.03
24	0.50	0.13	0.04	0.03	0.03	0.03
25	0.77	0.60	0.17	0.23	0.86	0.81
26	0.65	0.19	0.05	0.05	0.11	0.11
27	0.49	0.21	0.06	0.03	0.01	0.01
28	0.90	0.26	0.07	0.14	0.17	0.16
29	0.59	0.35	0.10	0.45	1.41	1.34
30	0.83	0.26	0.07	0.15	0.08	0.07
31	0.62	0.23	0.06	0.30	0.78	0.74
32	0.85	0.36	0.10	0.23	0.12	0.11
33	1.16	0.54	0.15	0.53	1.58	1.51
34	1.11	0.36	0.10	0.64	0.06	0.06
35	0.53	0.17	0.05	0.23	0.15	0.14
36	0.57	0.20	0.06	0.20	0.27	0.25
37	1.04	0.49	0.14	0.42	0.96	0.91
38	0.85	0.62	0.18	0.95	0.00	0.00
39	1.30	0.42	0.12	0.44	0.10	0.10
40	0.71	0.23	0.07	0.22	0.09	0.08
41	0.96	0.68	0.19	1.07	1.99	1.90
42	0.64	0.52	0.15	0.71	0.05	0.05
43	0.39	0.15	0.04	0.17	0.24	0.22
44	0.49	0.33	0.09	0.15	0.06	0.06
45	0.38	0.11	0.03	0.73	0.15	0.14
46	0.27	0.14	0.04	0.16	0.14	0.13
47	0.28	0.15	0.04	0.19	0.05	0.05
48	0.47	0.14	0.04	0.30	0.19	0.18
49	0.68	0.61	0.17	0.50	1.05	1.00
50	0.59	0.19	0.05	0.25	0.13	0.12
51	0.43	0.19	0.05	0.33	0.40	0.38
52	1.28	0.44	0.12	0.65	0.13	0.12
53	0.48	0.24	0.07	0.30	0.34	0.32
54	0.55	0.23	0.07	0.20	0.02	0.02
55	0.58	0.36	0.10	0.40	0.74	0.70
56	0.63	0.29	0.08	0.68	0.06	0.06
57	1.51	0.81	0.23	0.65	1.98	1.89
58	0.79	0.18	0.05	0.10	0.12	0.11
59	1.11	0.40	0.11	0.55	0.08	0.08
60	0.93	0.97	0.28	0.10	0.13	0.12
61	0.53	0.39	0.11	0.67	1.69	1.61
62	0.63	0.21	0.06	0.22	0.02	0.01
63	0.97	0.34	0.10	0.14	0.08	0.08
64	0.71	0.20	0.06	0.33	0.04	0.04
65	1.07	0.54	0.15	0.57	1.60	1.52
66	0.57	0.14	0.04	0.22	0.13	0.12
67	0.93	0.35	0.10	0.15	0.02	0.02
68	0.67	0.22	0.06	0.22	0.14	0.13
69	0.61	0.16	0.05	0.22	0.31	0.30
70	1.41	0.60	0.17	0.60	0.11	0.10
71	0.68	0.26	0.07	0.30	0.59	0.56
72	0.82	0.18	0.05	0.16	0.15	0.14
73	1.14	0.68	0.19	0.63	1.48	1.41
74	0.79	0.27	0.08	0.71	0.04	0.04
75	4.14	3.47	0.99	0.29	0.14	0.13
76	0.74	0.67	0.19	1.42	0.06	0.06
77	0.86	0.27	0.08	0.74	0.21	0.20
78	0.88	0.20	0.06	0.35	0.20	0.19
79	0.98	0.39	0.11	0.60	0.04	0.04
80	1.39	0.90	0.26	0.59	0.19	0.18

Yr	Total Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.17	0.08	0.02	0.25	0.13	0.12
2	0.51	0.18	0.05	0.38	0.32	0.30
3	0.57	0.16	0.04	0.49	0.32	0.30
4	0.70	0.22	0.06	0.70	0.33	0.32
5	0.84	0.28	0.08	0.80	0.61	0.58
6	0.79	0.27	0.08	0.65	0.40	0.38
7	0.78	0.28	0.08	0.79	0.46	0.43
8	1.11	0.20	0.06	0.67	0.35	0.34
9	1.40	0.65	0.19	1.01	1.17	1.11
10	1.12	0.28	0.08	0.88	0.39	0.37
11	1.23	0.35	0.10	0.87	0.68	0.65
12	1.22	0.38	0.11	0.84	0.47	0.44
13	1.41	0.37	0.11	0.91	0.84	0.80
14	1.19	0.38	0.11	0.83	0.52	0.49
15	1.45	0.29	0.08	1.29	0.36	0.34
16	1.92	0.48	0.14	0.76	0.53	0.50
17	1.57	0.79	0.23	1.17	1.47	1.40
18	1.26	0.33	0.10	0.95	0.42	0.40
19	1.39	0.65	0.19	1.29	0.98	0.93
20	1.30	0.41	0.12	0.99	0.61	0.58
21	2.21	0.73	0.21	1.72	1.52	1.45
22	1.42	0.26	0.07	0.87	0.43	0.41
23	1.41	0.31	0.09	1.55	0.37	0.36
24	1.46	0.27	0.08	0.84	0.43	0.41
25	1.75	0.67	0.19	1.34	1.31	1.25
26	1.82	0.18	0.05	0.86	0.62	0.59
27	1.31	0.42	0.12	0.77	0.49	0.46
28	1.90	0.38	0.11	0.98	0.46	0.44
29	1.55	0.47	0.14	1.23	1.84	1.75
30	1.75	0.49	0.14	1.07	0.38	0.36
31	1.55	0.44	0.13	1.25	1.26	1.20
32	1.90	0.60	0.17	1.01	0.51	0.49
33	1.98	0.62	0.18	1.35	1.98	1.89
34	1.94	0.43	0.12	1.30	0.37	0.35
35	1.38	0.38	0.11	1.04	0.64	0.61
36	1.52	0.33	0.09	0.91	0.73	0.70
37	1.91	0.49	0.14	1.31	1.38	1.31
38	1.76	0.65	0.19	1.97	0.22	0.21
39	2.17	0.47	0.13	1.01	0.47	0.45
40	1.54	0.41	0.12	0.89	0.48	0.45
41	1.79	0.87	0.25	1.93	2.50	2.38
42	1.54	0.83	0.24	1.75	0.35	0.33
43	1.38	0.52	0.15	0.81	0.65	0.62
44	1.42	0.41	0.12	0.91	0.44	0.42
45	1.47	0.29	0.08	1.82	0.43	0.41
46	1.26	0.27	0.08	0.95	0.55	0.52
47	1.30	0.44	0.13	0.95	0.39	0.37
48	1.40	0.25	0.07	1.13	0.62	0.59
49	1.60	0.67	0.19	1.40	1.49	1.42
50	1.64	0.38	0.11	1.03	0.55	0.52
51	1.51	0.39	0.11	1.13	0.96	0.92
52	2.23	0.30	0.09	1.46	0.30	0.29
53	1.36	0.40	0.11	0.98	0.71	0.67
54	1.45	0.31	0.09	0.91	0.40	0.38
55	1.63	0.49	0.14	1.25	1.27	1.21
56	1.64	0.42	0.12	1.61	0.33	0.31
57	2.46	0.83	0.24	1.53	2.38	2.27
58	1.74	0.39	0.11	0.89	0.38	0.36
59	2.01	0.46	0.13	1.53	0.21	0.20
60	1.87	1.19	0.34	0.89	0.53	0.51
61	1.45	0.68	0.19	1.51	2.38	2.27
62	1.58	0.50	0.14	1.21	0.32	0.30
63	1.92	0.50	0.14	0.91	0.60	0.57
64	1.65	0.31	0.09	1.14	0.48	0.46
65	2.08	0.56	0.16	1.49	1.98	1.89
66	1.53	0.34	0.10	1.28	0.54	0.51
67	1.88	0.36	0.10	0.87	0.30	0.29
68	1.59	0.30	0.09	1.00	0.48	0.46
69	1.58	0.30	0.09	1.00	0.68	0.65
70	2.21	0.64	0.18	1.37	0.36	0.34
71	1.59	0.46	0.13	1.10	1.11	1.06
72	1.74	0.35	0.10	1.00	0.51	0.49
73	2.27	0.73	0.21	1.45	1.92	1.83
74	1.65	0.32	0.09	1.37	0.47	0.45
75	5.13	3.51	1.00	0.99	0.58	0.56
76	1.64	0.82	0.23	2.30	0.61	0.58
77	1.83	0.45	0.13	1.61	0.59	0.56
78	1.73	0.38	0.11	1.07	0.49	0.47
79	1.86	0.44	0.12	1.64	0.32	0.31
80	2.29	1.07	0.31	1.43	0.50	0.47

Annual Required Maintenance

Yr	Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.24	0.01	0.01	0.19	0.08	0.06
2	0.67	0.09	0.15	0.51	0.19	0.16
3	0.69	0.07	0.12	0.54	0.18	0.15
4	0.77	0.09	0.14	0.62	0.18	0.15
5	0.85	0.09	0.14	0.67	0.19	0.16
6	0.81	0.08	0.13	0.65	0.19	0.16
7	0.93	0.13	0.22	0.71	0.32	0.26
8	0.84	0.06	0.10	0.76	0.21	0.17
9	1.05	0.11	0.18	0.79	0.17	0.14
10	0.89	0.11	0.19	0.72	0.20	0.16
11	1.05	0.09	0.15	0.80	0.26	0.21
12	0.89	0.10	0.17	0.72	0.20	0.17
13	1.06	0.30	0.50	0.69	0.19	0.15
14	0.93	0.06	0.11	0.71	0.27	0.23
15	0.92	0.05	0.08	0.72	0.24	0.20
16	2.74	1.59	2.68	0.72	0.21	0.17
17	1.01	0.04	0.07	0.64	0.23	0.19
18	0.77	0.07	0.13	0.65	0.19	0.16
19	0.99	0.10	0.16	0.72	0.13	0.10
20	0.93	0.03	0.05	0.76	0.16	0.13
21	1.27	0.32	0.54	0.86	0.39	0.32
22	0.84	0.06	0.09	0.83	0.18	0.15
23	0.88	0.04	0.07	0.85	0.09	0.08
24	1.17	0.22	0.37	0.81	0.17	0.14
25	1.08	0.30	0.50	0.80	0.10	0.08
26	1.79	0.20	0.34	0.82	0.34	0.28
27	0.88	0.03	0.05	0.72	0.19	0.15
28	0.91	0.14	0.24	0.81	0.31	0.25
29	0.93	0.08	0.14	0.74	0.22	0.18
30	0.88	0.05	0.08	0.67	0.21	0.17
31	2.90	1.52	2.56	0.71	0.24	0.20
32	0.87	0.10	0.17	0.65	0.21	0.17
33	0.94	0.03	0.05	0.73	0.20	0.16
34	0.98	0.03	0.05	0.68	0.18	0.15
35	0.86	0.03	0.04	0.63	0.17	0.14
36	0.86	0.09	0.14	0.71	0.24	0.20
37	1.08	0.26	0.44	0.88	0.19	0.16
38	0.90	0.07	0.12	0.70	0.17	0.14
39	0.81	0.14	0.23	0.71	0.14	0.11
40	0.78	0.07	0.12	0.61	0.25	0.21
41	1.07	0.22	0.37	0.68	0.19	0.16
42	0.94	0.14	0.24	0.77	0.31	0.26
43	0.88	0.11	0.19	0.62	0.21	0.17
44	0.88	0.15	0.24	0.86	0.24	0.20
45	0.85	0.05	0.08	0.66	0.19	0.15
46	2.81	1.64	2.76	0.71	0.18	0.15
47	0.89	0.11	0.18	0.67	0.24	0.20
48	1.16	0.27	0.46	0.65	0.21	0.18
49	1.04	0.27	0.46	0.80	0.15	0.12
50	0.92	0.08	0.14	0.67	0.32	0.26
51	1.74	0.48	0.81	0.83	0.11	0.09
52	1.17	0.27	0.45	0.86	0.36	0.30
53	0.85	0.04	0.07	0.76	0.16	0.13
54	0.81	0.13	0.22	0.74	0.17	0.14
55	1.02	0.16	0.27	0.76	0.15	0.12
56	0.92	0.05	0.09	0.83	0.21	0.17
57	1.02	0.14	0.23	0.82	0.25	0.21
58	0.81	0.12	0.20	0.66	0.24	0.20
59	0.90	0.11	0.18	0.72	0.18	0.15
60	0.90	0.06	0.11	0.66	0.24	0.20
61	3.01	1.51	2.55	0.66	0.22	0.18
62	0.84	0.12	0.19	0.77	0.26	0.21
63	0.89	0.06	0.10	0.70	0.18	0.15
64	0.89	0.08	0.13	0.74	0.22	0.18
65	0.94	0.07	0.12	0.73	0.13	0.11
66	0.95	0.14	0.23	0.81	0.23	0.19
67	0.93	0.10	0.18	0.81	0.11	0.09
68	0.84	0.06	0.11	0.77	0.18	0.15
69	0.88	0.13	0.23	0.67	0.21	0.17
70	0.85	0.04	0.06	0.75	0.16	0.14
71	1.39	0.27	0.45	0.70	0.22	0.18
72	0.81	0.10	0.17	0.73	0.28	0.23
73	1.07	0.26	0.44	0.71	0.26	0.22
74	0.87	0.09	0.15	0.63	0.20	0.16
75	0.96	0.08	0.13	0.69	0.15	0.12
76	3.37	2.15	3.62	0.68	0.30	0.24
77	1.05	0.34	0.58	0.72	0.20	0.17
78	0.84	0.05	0.08	0.63	0.23	0.19
79	0.87	0.16	0.27	0.70	0.27	0.23
80	0.91	0.14	0.23	0.61	0.21	0.17

Yr	Major Component Replacement Perm Buildings Mean	Perm Buildings SDev	Perm Buildings 90% +/-	Temp Buildings Mean	Temp Buildings SDev	Temp Buildings 90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.04	0.03	0.05	0.00	0.00	0.00
5	0.06	0.09	0.15	0.06	0.13	0.10
6	0.02	0.02	0.03	0.00	0.00	0.00
7	0.01	0.01	0.01	0.19	0.09	0.07
8	0.39	0.36	0.60	0.20	0.08	0.06
9	0.36	0.51	0.86	0.20	0.30	0.24
10	0.10	0.04	0.07	0.25	0.11	0.09
11	0.22	0.09	0.15	0.50	0.08	0.07
12	0.16	0.05	0.08	0.09	0.03	0.02
13	0.17	0.07	0.12	0.31	0.22	0.18
14	0.51	0.31	0.53	0.57	0.16	0.14
15	0.56	0.56	0.94	0.17	0.10	0.08
16	0.83	0.49	0.83	0.42	0.04	0.04
17	0.52	0.54	0.92	0.70	0.10	0.08
18	0.12	0.01	0.02	0.52	0.14	0.12
19	0.87	0.44	0.73	0.69	0.06	0.05
20	0.35	0.18	0.31	0.71	0.23	0.19
21	1.04	0.50	0.85	1.01	0.96	0.79
22	0.13	0.07	0.11	0.32	0.13	0.10
23	0.53	0.37	0.62	0.55	0.09	0.07
24	0.21	0.02	0.04	0.12	0.09	0.08
25	0.49	0.51	0.87	0.59	0.17	0.14
26	20.50	18.60	31.36	0.31	0.08	0.07
27	0.88	0.39	0.65	0.19	0.09	0.08
28	0.15	0.05	0.09	0.17	0.05	0.04
29	1.79	1.30	2.19	0.42	0.06	0.05
30	2.05	2.83	4.77	0.88	0.54	0.45
31	2.32	1.03	1.74	0.72	0.38	0.31
32	0.65	0.50	0.83	1.12	0.20	0.16
33	0.82	0.40	0.67	0.33	0.26	0.21
34	0.29	0.07	0.11	0.42	0.03	0.03
35	0.41	0.07	0.11	0.95	0.33	0.27
36	0.21	0.06	0.10	0.19	0.06	0.05
37	0.80	0.27	0.45	0.94	0.14	0.12
38	0.91	0.54	0.91	0.76	0.13	0.11
39	0.44	0.17	0.29	0.85	0.25	0.21
40	0.67	0.43	0.72	0.43	0.05	0.04
41	1.75	0.74	1.25	1.40	0.13	0.11
42	0.32	0.21	0.36	1.00	1.36	1.12
43	0.26	0.09	0.15	0.24	0.04	0.03
44	0.57	0.51	0.87	0.60	0.17	0.14
45	0.59	0.29	0.49	0.71	0.04	0.04
46	0.48	0.51	0.86	0.43	0.05	0.04
47	0.22	0.08	0.14	0.50	0.09	0.08
48	0.28	0.09	0.15	0.60	0.11	0.09
49	0.48	0.55	0.93	0.46	0.27	0.22
50	0.20	0.07	0.11	0.73	0.03	0.03
51	20.90	18.70	31.53	0.44	0.20	0.16
52	0.65	0.29	0.49	0.32	0.07	0.06
53	0.99	0.44	0.74	0.96	0.02	0.02
54	0.22	0.05	0.08	0.29	0.02	0.02
55	0.58	0.12	0.20	0.39	0.06	0.05
56	0.49	0.14	0.23	0.81	0.05	0.04
57	2.17	1.23	2.07	0.96	0.02	0.02
58	0.35	0.15	0.26	1.02	0.27	0.22
59	2.12	2.85	4.80	1.38	0.26	0.22
60	0.56	0.31	0.53	0.51	0.16	0.13
61	3.77	3.07	5.18	0.68	0.62	0.51
62	0.28	0.13	0.22	0.75	0.74	0.61
63	0.51	0.58	0.97	0.96	0.19	0.16
64	0.25	0.09	0.16	0.23	0.04	0.03
65	0.80	0.43	0.73	0.32	0.35	0.29
66	0.59	0.32	0.54	0.24	0.02	0.02
67	0.59	0.33	0.56	0.48	0.06	0.05
68	0.48	0.16	0.27	0.83	0.26	0.22
69	0.24	0.05	0.08	0.74	0.14	0.11
70	0.33	0.13	0.22	0.46	0.06	0.05
71	0.64	0.15	0.26	0.52	0.06	0.05
72	0.28	0.13	0.21	0.88	0.24	0.20
73	1.49	0.89	1.50	1.07	0.57	0.47
74	0.88	0.49	0.83	1.33	0.25	0.21
75	0.59	0.08	0.13	0.41	0.05	0.04
76	22.30	19.40	32.71	0.85	0.33	0.28
77	0.61	0.24	0.40	0.82	0.09	0.07
78	0.61	0.44	0.74	1.27	0.33	0.27
79	1.26	0.47	0.80	0.31	0.11	0.09
80	0.38	0.10	0.16	0.18	0.11	0.09

Yr	Total Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.24	0.00	0.01	0.19	0.08	0.06
2	0.76	0.02	0.03	0.51	0.19	0.16
3	0.77	0.02	0.04	0.54	0.18	0.15
4	0.88	0.01	0.01	0.62	0.18	0.15
5	1.05	0.07	0.13	0.73	0.31	0.26
6	0.92	0.02	0.03	0.65	0.19	0.16
7	1.07	0.05	0.08	0.90	0.23	0.19
8	0.92	0.03	0.04	0.96	0.13	0.11
9	1.89	0.52	0.88	1.00	0.47	0.38
10	1.06	0.07	0.11	0.97	0.09	0.08
11	1.43	0.07	0.11	1.29	0.34	0.28
12	1.09	0.04	0.06	0.81	0.18	0.15
13	1.48	0.30	0.50	1.00	0.41	0.34
14	1.19	0.09	0.15	1.29	0.11	0.09
15	1.96	0.45	0.75	0.89	0.34	0.28
16	1.90	0.80	1.34	1.14	0.17	0.14
17	1.86	0.70	1.17	1.33	0.32	0.27
18	0.96	0.05	0.09	1.17	0.05	0.04
19	1.46	0.05	0.08	1.41	0.07	0.05
20	1.06	0.00	0.01	1.48	0.07	0.06
21	2.94	0.71	1.20	1.86	1.34	1.10
22	0.96	0.02	0.03	1.14	0.05	0.04
23	1.08	0.10	0.16	1.40	0.01	0.01
24	1.16	0.14	0.23	0.93	0.26	0.21
25	2.14	0.22	0.37	1.39	0.27	0.22
26	2.82	1.29	2.17	1.13	0.42	0.34
27	1.52	0.40	0.68	0.91	0.28	0.23
28	1.17	0.22	0.36	0.98	0.26	0.21
29	1.46	0.06	0.09	1.16	0.28	0.23
30	4.84	3.14	5.29	1.55	0.75	0.62
31	2.93	1.36	2.29	1.43	0.62	0.51
32	1.96	0.51	0.86	1.77	0.41	0.34
33	2.12	0.32	0.54	1.06	0.45	0.37
34	1.22	0.08	0.13	1.10	0.21	0.18
35	1.36	0.01	0.02	1.58	0.15	0.13
36	1.12	0.12	0.21	0.90	0.31	0.25
37	1.75	0.21	0.35	1.82	0.05	0.04
38	1.30	0.08	0.14	1.47	0.30	0.25
39	1.23	0.07	0.12	1.56	0.12	0.10
40	1.08	0.01	0.01	1.04	0.20	0.17
41	3.51	0.99	1.67	2.08	0.32	0.27
42	1.51	0.38	0.63	1.77	1.67	1.38
43	1.24	0.23	0.39	0.86	0.25	0.21
44	1.95	0.60	1.00	1.45	0.07	0.06
45	1.19	0.01	0.01	1.37	0.15	0.12
46	1.84	0.89	1.49	1.14	0.14	0.11
47	1.27	0.14	0.24	1.17	0.15	0.12
48	1.14	0.19	0.31	1.25	0.11	0.09
49	2.17	0.21	0.35	1.26	0.42	0.35
50	1.22	0.03	0.06	1.40	0.35	0.29
51	2.91	1.90	3.20	1.28	0.31	0.25
52	1.76	0.39	0.65	1.18	0.29	0.24
53	1.71	0.59	1.00	1.72	0.18	0.15
54	1.14	0.03	0.04	1.03	0.15	0.12
55	1.60	0.14	0.24	1.15	0.20	0.17
56	1.33	0.06	0.10	1.64	0.16	0.13
57	2.04	0.53	0.90	1.78	0.27	0.22
58	1.10	0.18	0.30	1.68	0.03	0.03
59	4.99	3.09	5.21	2.10	0.44	0.36
60	1.20	0.08	0.13	1.17	0.08	0.06
61	5.99	4.78	8.06	1.34	0.84	0.69
62	1.21	0.27	0.46	1.52	1.00	0.82
63	1.79	0.57	0.97	1.66	0.38	0.31
64	1.11	0.08	0.13	0.97	0.26	0.21
65	2.20	0.36	0.60	1.05	0.49	0.40
66	1.35	0.15	0.25	1.05	0.21	0.17
67	1.23	0.10	0.18	1.29	0.05	0.04
68	1.24	0.15	0.26	1.60	0.08	0.07
69	1.29	0.04	0.07	1.41	0.08	0.06
70	1.05	0.04	0.07	1.21	0.11	0.09
71	1.75	0.34	0.57	1.22	0.28	0.23
72	1.10	0.10	0.16	1.61	0.04	0.03
73	3.27	0.92	1.56	1.78	0.83	0.69
74	1.33	0.02	0.03	1.95	0.06	0.05
75	1.48	0.20	0.33	1.11	0.20	0.16
76	3.53	2.75	4.64	1.53	0.04	0.03
77	1.72	0.50	0.83	1.54	0.12	0.10
78	1.73	0.57	0.96	1.90	0.56	0.46
79	2.21	0.58	0.98	1.01	0.38	0.32
80	1.34	0.02	0.03	0.79	0.32	0.26

Annual Required Maintenance

Yr	Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.25	0.12	0.07	0.47	0.22	0.18
2	0.78	0.26	0.15	1.17	0.22	0.18
3	0.83	0.27	0.16	1.20	0.22	0.18
4	0.93	0.28	0.16	1.25	0.21	0.18
5	1.02	0.34	0.20	1.35	0.26	0.22
6	0.97	0.33	0.19	1.33	0.26	0.22
7	1.02	0.41	0.24	1.46	0.18	0.15
8	1.14	0.38	0.22	1.50	0.42	0.34
9	1.22	0.41	0.24	1.40	0.25	0.21
10	1.16	0.50	0.29	1.49	0.30	0.25
11	1.21	0.42	0.25	1.51	0.22	0.18
12	1.17	0.39	0.23	1.54	0.33	0.27
13	1.34	0.37	0.22	1.69	0.47	0.39
14	1.10	0.44	0.26	1.55	0.28	0.23
15	1.42	0.42	0.24	1.47	0.24	0.20
16	1.26	0.45	0.26	1.39	0.26	0.22
17	1.15	0.36	0.21	1.41	0.31	0.26
18	1.27	0.47	0.28	1.53	0.66	0.54
19	1.19	0.53	0.31	1.49	0.26	0.22
20	1.23	0.43	0.25	1.59	0.29	0.24
21	1.32	0.42	0.24	1.84	0.38	0.32
22	1.11	0.43	0.25	1.52	0.26	0.22
23	1.29	0.33	0.19	1.60	0.47	0.39
24	1.33	0.77	0.46	1.42	0.27	0.22
[illegible]	[illegible]	[illegible]	0.21	1.73	0.25	0.20
26	1.49	0.51	0.30	1.52	0.26	0.21
27	1.22	0.45	0.26	1.37	0.23	0.19
28	1.46	0.34	0.20	1.53	0.45	0.37
29	1.46	0.71	0.42	1.54	0.28	0.23
30	1.27	0.45	0.26	1.32	0.25	0.20
31	1.26	0.55	0.32	1.54	0.19	0.16
32	1.12	0.41	0.24	1.39	0.24	0.20
33	1.38	0.43	0.25	1.41	0.27	0.22
34	1.08	0.39	0.23	1.46	0.31	0.25
35	1.12	0.38	0.22	1.48	0.27	0.22
36	1.12	0.37	0.22	1.52	0.27	0.22
37	1.14	0.36	0.21	1.66	0.21	0.17
38	1.05	0.31	0.18	1.43	0.41	0.34
39	1.05	0.47	0.27	1.33	0.26	0.22
40	0.99	0.33	0.20	1.41	0.31	0.25
41	1.18	0.36	0.21	1.69	0.29	0.24
42	1.01	0.44	0.26	1.42	0.26	0.22
43	1.32	0.37	0.22	1.68	0.40	0.33
44	1.21	0.52	0.31	1.40	0.27	0.22
45	1.46	0.53	0.31	1.42	0.26	0.22
46	1.27	0.51	0.30	1.40	0.28	0.23
47	1.13	0.45	0.27	1.49	0.37	0.31
48	1.44	0.39	0.23	1.68	0.70	0.57
49	1.22	0.49	0.29	1.59	0.20	0.17
50	1.20	0.51	0.30	1.51	0.27	0.22
51	1.58	0.51	0.30	1.57	0.30	0.24
52	1.14	0.43	0.25	1.45	0.28	0.23
53	1.23	0.37	0.22	1.53	0.42	0.35
54	1.12	0.41	0.24	1.53	0.34	0.28
55	1.28	0.65	0.38	1.57	0.18	0.15
56	1.19	0.47	0.28	1.47	0.30	0.24
57	1.20	0.44	0.26	1.43	0.23	0.19
58	1.36	0.49	0.29	1.55	0.45	0.37
59	1.09	0.42	0.25	1.33	0.25	0.20
60	1.39	0.52	0.31	1.43	0.28	0.23
61	1.24	0.48	0.28	1.80	0.61	0.50
62	1.12	0.39	0.23	1.37	0.25	0.21
63	1.36	0.44	0.26	1.39	0.23	0.19
64	1.10	0.37	0.22	1.43	0.22	0.18
65	1.25	0.59	0.35	1.54	0.31	0.25
66	1.11	0.38	0.22	1.37	0.24	0.20
67	1.13	0.45	0.26	1.47	0.26	0.21
68	1.10	0.36	0.21	1.46	0.44	0.36
69	1.12	0.39	0.23	1.47	0.34	0.28
70	1.11	0.40	0.24	1.45	0.30	0.24
71	1.24	0.35	0.21	1.58	0.24	0.19
72	1.11	0.45	0.27	1.39	0.28	0.23
73	1.45	0.38	0.22	1.70	0.47	0.39
74	1.10	0.28	0.16	1.35	0.24	0.20
75	1.38	0.54	0.31	1.42	0.24	0.20
76	1.47	0.66	0.39	1.64	0.29	0.24
77	1.19	0.36	0.21	1.41	0.25	0.21
78	1.42	0.37	0.22	1.59	0.67	0.55
79	1.13	0.38	0.22	1.47	0.23	0.19
80	1.29	0.86	0.51	1.34	0.25	0.21

	Major Component Replacement					
	Perm Buildings		90%	Temp Buildings		90%
Yr	Mean	SDev	+/-	Mean	SDev	+/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.01	0.01	0.01	0.00	0.00	0.00
4	0.13	0.23	0.13	0.00	0.00	0.00
5	0.13	0.23	0.13	0.05	0.08	0.06
6	0.01	0.02	0.01	0.00	0.00	0.00
7	0.01	0.01	0.01	0.65	0.59	0.49
8	0.43	0.63	0.37	0.65	0.59	0.49
9	0.91	1.26	0.74	1.51	0.43	0.36
10	0.26	0.46	0.27	0.07	0.03	0.02
11	0.31	0.20	0.12	0.10	0.08	0.07
12	0.70	0.46	0.27	0.38	0.27	0.22
13	0.53	0.71	0.42	0.18	0.15	0.12
14	0.68	0.53	0.31	0.80	0.41	0.34
15	1.51	1.30	0.76	1.15	0.74	0.61
16	1.25	1.47	0.86	0.78	0.51	0.42
17	0.93	0.81	0.47	1.58	0.45	0.37
18	1.22	0.94	0.55	0.69	0.50	0.41
19	0.55	0.42	0.24	0.94	0.44	0.36
20	0.96	0.85	0.50	0.94	0.43	0.36
21	1.17	0.92	0.54	0.96	0.38	0.32
22	1.53	1.36	0.80	0.95	0.71	0.58
23	0.56	0.30	0.17	2.36	2.29	1.89
24	0.55	0.55	0.32	0.82	0.63	0.52
25	1.93	1.29	0.76	2.90	0.54	0.44
26	1.12	0.66	0.39	0.44	0.23	0.19
27	1.45	1.12	0.66	1.34	0.57	0.47
28	0.88	0.44	0.26	0.95	0.67	0.55
29	1.40	1.10	0.65	1.06	0.42	0.35
30	1.80	1.51	0.89	1.53	0.18	0.14
31	1.48	1.73	1.02	1.51	0.22	0.18
32	1.21	1.38	0.81	1.65	1.33	1.10
33	1.68	1.07	0.63	1.73	0.49	0.40
34	1.46	1.22	0.72	0.95	0.70	0.58
35	1.15	1.08	0.64	1.00	0.62	0.51
36	0.82	0.43	0.25	1.05	0.71	0.58
37	1.27	1.06	0.62	0.77	0.55	0.46
38	0.75	0.56	0.33	2.44	2.58	2.13
39	0.87	0.37	0.22	0.88	0.59	0.49
40	2.72	1.78	1.05	1.93	0.99	0.82
41	1.58	1.58	0.93	3.20	1.37	1.13
42	1.07	1.10	0.65	0.22	0.06	0.05
43	0.69	0.41	0.24	0.64	0.35	0.29
44	1.34	1.31	0.77	0.22	0.04	0.03
45	1.01	0.57	0.34	0.24	0.10	0.08
46	1.00	0.67	0.39	0.20	0.06	0.05
47	0.61	0.36	0.21	1.36	1.12	0.92
48	0.68	0.48	0.28	0.84	0.54	0.44
49	1.55	1.07	0.63	2.37	0.30	0.25
50	0.73	0.75	0.44	0.22	0.04	0.03
51	1.05	0.50	0.29	1.02	0.55	0.45
52	0.92	0.48	0.28	0.14	0.05	0.04
53	1.69	1.07	0.63	2.81	5.08	4.19
54	1.91	0.66	0.39	3.18	2.10	1.73
55	1.00	0.82	0.48	1.25	0.21	0.17
56	1.04	1.26	0.74	1.62	1.09	0.90
57	2.24	1.74	1.02	3.42	0.19	0.16
58	2.29	2.03	1.19	0.90	0.49	0.40
59	1.24	0.95	0.56	0.91	0.88	0.73
60	0.86	0.72	0.42	3.18	2.75	2.27
61	2.77	3.30	1.94	3.15	1.83	1.51
62	0.44	0.44	0.26	0.22	0.07	0.05
63	0.79	0.74	0.44	1.34	1.10	0.91
64	1.22	0.97	0.57	3.29	2.04	1.68
65	1.99	0.74	0.43	1.69	0.45	0.37
66	1.39	0.86	0.51	0.60	0.66	0.54
67	0.98	0.52	0.31	2.60	2.18	1.80
68	0.79	0.44	0.26	1.32	2.57	2.12
69	1.28	0.60	0.35	1.01	0.45	0.37
70	1.71	0.95	0.56	1.19	0.76	0.63
71	1.53	1.32	0.78	1.35	0.44	0.36
72	1.63	1.14	0.67	0.93	0.56	0.46
73	2.03	1.57	0.92	2.59	0.75	0.62
74	1.20	1.06	0.62	1.30	0.67	0.55
75	1.16	0.87	0.51	1.09	0.73	0.60
76	1.76	0.87	0.51	1.52	0.60	0.50
77	0.86	0.85	0.50	1.24	0.69	0.56
78	1.57	1.37	0.81	0.73	0.31	0.26
79	1.44	0.88	0.52	1.21	0.38	0.31
80	1.29	0.85	0.50	2.48	1.84	1.52

Yr	Total Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.25	0.12	0.07	0.47	0.22	0.18
2	0.78	0.26	0.15	1.17	0.22	0.18
3	0.84	0.26	0.16	1.20	0.22	0.18
4	1.06	0.50	0.29	1.25	0.21	0.18
5	1.15	0.56	0.33	1.40	0.19	0.15
6	0.99	0.33	0.19	1.33	0.26	0.22
7	1.03	0.41	0.24	2.11	0.73	0.60
8	1.56	0.96	0.56	2.15	0.75	0.62
9	2.13	1.29	0.76	2.92	0.18	0.15
10	1.42	0.95	0.56	1.56	0.29	0.24
11	1.53	0.59	0.35	1.61	0.16	0.13
12	1.88	0.81	0.48	1.92	0.56	0.46
13	1.88	0.79	0.46	1.87	0.46	0.38
14	1.78	0.86	0.50	2.35	0.52	0.43
15	2.93	1.21	0.71	2.62	0.95	0.78
16	2.50	1.78	1.05	2.16	0.69	0.57
17	2.07	0.90	0.53	2.99	0.16	0.13
18	2.49	1.28	0.75	2.22	0.78	0.64
19	1.74	0.66	0.39	2.43	0.31	0.26
20	2.19	1.22	0.72	2.53	0.57	0.47
21	2.49	1.03	0.61	2.80	0.71	0.58
22	2.64	1.74	1.02	2.47	0.92	0.76
23	1.86	0.57	0.33	3.96	2.71	2.23
24	1.88	1.29	0.76	2.24	0.86	0.71
25	3.05	1.29	0.76	4.63	0.76	0.63
26	2.61	1.03	0.61	1.96	0.38	0.31
27	2.67	1.50	0.88	2.71	0.52	0.43
28	2.34	0.69	0.40	2.49	0.90	0.74
29	2.86	1.69	0.99	2.61	0.35	0.29
30	3.07	1.44	0.85	2.84	0.22	0.18
31	2.74	1.88	1.11	3.05	0.30	0.25
32	2.33	1.78	1.05	3.04	1.49	1.23
33	3.06	0.97	0.57	3.14	0.22	0.18
34	2.54	1.56	0.92	2.42	0.96	0.79
35	2.26	1.32	0.78	2.48	0.87	0.72
36	1.95	0.61	0.36	2.57	0.89	0.74
37	2.41	1.27	0.75	2.44	0.45	0.37
38	1.79	0.80	0.47	3.88	2.97	2.45
39	1.91	0.65	0.38	2.21	0.83	0.68
40	3.71	2.09	1.23	3.34	1.20	0.99
41	2.76	1.63	0.96	4.89	1.60	1.32
42	2.08	1.46	0.86	1.64	0.25	0.21
43	2.01	0.61	0.36	2.32	0.54	0.44
44	2.55	1.63	0.96	1.62	0.30	0.24
45	2.48	0.78	0.46	1.66	0.17	0.14
46	2.27	0.94	0.56	1.61	0.22	0.18
47	1.74	0.72	0.43	2.86	1.46	1.20
48	2.12	0.80	0.47	2.52	0.88	0.73
49	2.77	1.18	0.69	3.96	0.42	0.35
50	1.92	1.24	0.73	1.73	0.28	0.23
51	2.63	0.98	0.58	2.59	0.54	0.45
52	2.06	0.49	0.29	1.59	0.23	0.19
53	2.91	1.30	0.76	4.34	5.38	4.44
54	3.03	0.58	0.34	4.70	2.43	2.00
55	2.29	0.84	0.49	2.82	0.22	0.18
56	2.23	1.67	0.98	3.10	1.36	1.12
57	3.44	1.82	1.07	4.85	0.35	0.29
58	3.65	2.20	1.29	2.45	0.80	0.66
59	2.33	1.02	0.60	2.24	0.63	0.52
60	2.25	1.19	0.70	4.61	2.97	2.45
61	4.01	3.59	2.11	4.95	2.04	1.68
62	1.56	0.81	0.48	1.58	0.29	0.24
63	2.15	1.00	0.59	2.73	1.20	0.99
64	2.31	1.06	0.62	4.72	2.22	1.83
65	3.24	1.16	0.68	3.23	0.19	0.16
66	2.50	1.15	0.68	1.96	0.43	0.35
67	2.11	0.81	0.47	4.07	2.41	1.99
68	1.89	0.78	0.46	2.79	2.95	2.43
69	2.40	0.80	0.47	2.49	0.75	0.62
70	2.83	1.24	0.73	2.63	1.01	0.83
71	2.77	1.62	0.95	2.93	0.67	0.55
72	2.74	1.39	0.82	2.32	0.78	0.64
73	3.49	1.35	0.79	4.28	0.72	0.59
74	2.30	1.33	0.78	2.66	0.89	0.73
75	2.53	1.24	0.73	2.51	0.92	0.76
76	3.23	1.45	0.85	3.15	0.63	0.52
77	2.06	1.21	0.71	2.65	0.87	0.72
78	2.99	1.57	0.92	2.33	0.72	0.59
79	2.57	1.06	0.62	2.68	0.47	0.39
80	2.59	1.63	0.96	3.82	2.04	1.68

Major Component Replacement
All Buildings

Yr	Mean	SDev	90% +/-
1	0.00	0.00	0.00
2	0.00	0.00	0.00
3	0.00	0.00	0.00
4	0.00	0.00	0.00
5	0.00	0.00	0.00
6	0.01	0.01	0.02
7	0.02	0.02	0.03
8	0.11	0.06	0.11
9	0.05	0.05	0.08
10	0.03	0.03	0.04
11	0.04	0.02	0.03
12	0.06	0.01	0.01
13	0.03	0.03	0.04
14	0.93	0.83	1.40
15	0.12	0.06	0.10
16	0.11	0.01	0.01
17	0.10	0.07	0.11
18	0.06	0.03	0.05
19	0.62	0.49	0.83
20	0.08	0.04	0.07
21	0.21	0.00	0.00
22	0.07	0.02	0.04
23	0.19	0.07	0.11
24	0.07	0.02	0.04
25	0.09	0.04	0.07
26	0.08	0.04	0.07
27	1.35	1.16	1.96
28	0.09	0.05	0.08
29	0.20	0.11	0.19
30	0.17	0.04	0.08
31	0.68	0.20	0.34
32	0.10	0.05	0.08
33	0.12	0.08	0.14
34	0.12	0.03	0.04
35	0.09	0.03	0.06
36	0.14	0.05	0.08
37	0.25	0.01	0.02
38	0.87	0.78	1.31
39	0.13	0.05	0.09
40	1.00	0.85	1.44
41	0.31	0.04	0.08
42	0.08	0.03	0.05
43	0.23	0.14	0.23
44	0.32	0.24	0.40
45	0.27	0.16	0.27
46	0.27	0.12	0.20
47	0.23	0.14	0.23
48	0.25	0.14	0.24
49	0.26	0.15	0.25
50	0.24	0.13	0.22
51	0.13	0.02	0.03
52	0.13	0.04	0.07
53	1.31	1.17	1.97
54	0.08	0.04	0.07
55	0.13	0.07	0.12
56	0.13	0.02	0.03
57	0.76	0.60	1.02
58	0.19	0.05	0.08
59	0.14	0.06	0.11
60	0.14	0.04	0.06
61	8.77	1.65	2.78
62	0.10	0.03	0.05
63	0.13	0.03	0.05
64	0.10	0.04	0.07
65	0.23	0.02	0.03
66	0.99	0.86	1.45
67	0.13	0.04	0.07
68	0.12	0.07	0.13
69	0.09	0.05	0.08
70	0.11	0.03	0.05
71	1.28	1.20	2.02
72	0.19	0.02	0.04
73	0.18	0.13	0.22
74	0.13	0.05	0.09
75	0.84	0.74	1.25
76	3.90	1.08	1.82
77	0.12	0.07	0.11
78	0.16	0.06	0.10
79	1.67	1.12	1.89

Annual Required Maintenance
All Buildings

Yr	Mean	SDev	90% +/-
1	0.11	0.03	0.06
2	0.24	0.06	0.11
3	0.28	0.07	0.11
4	0.31	0.00	0.00
5	0.31	0.01	0.01
6	0.35	0.12	0.20
7	0.60	0.29	0.49
8	0.39	0.05	0.08
9	0.39	0.11	0.18
10	0.35	0.10	0.17
11	0.69	0.09	0.15
12	0.44	0.08	0.14
13	0.59	0.31	0.53
14	0.35	0.11	0.19
15	0.46	0.02	0.04
16	0.52	0.07	0.11
17	0.37	0.16	0.26
18	0.31	0.08	0.13
19	0.68	0.28	0.47
20	0.37	0.07	0.11
21	0.59	0.09	0.15
22	0.33	0.01	0.01
23	0.37	0.04	0.07
24	0.34	0.00	0.00
25	0.54	0.28	0.47
26	1.12	0.71	1.20
27	0.39	0.07	0.12
28	0.34	0.12	.19
29	0.38	0.07	0.11
30	0.41	0.06	0.11
31	1.02	0.35	0.59
32	0.33	0.11	0.18
33	0.44	0.05	0.08
34	0.50	0.10	0.16
35	0.35	0.13	0.22
36	0.31	0.08	0.13
37	0.59	0.21	0.36
38	0.38	0.08	0.14
39	0.29	0.09	0.15
40	0.34	0.06	0.10
41	0.65	0.04	0.07
42	0.26	0.06	0.10
43	0.57	0.23	0.39
44	0.33	0.01	0.01
45	0.41	0.13	0.21
46	0.59	0.21	0.35
47	0.37	0.07	0.11
48	0.33	0.11	0.19
49	0.58	0.32	0.54
50	0.37	0.08	0.14
51	1.37	0.67	1.13
52	0.40	0.09	0.15
53	0.34	0.12	0.20
54	0.41	0.04	0.06
55	0.64	0.27	0.46
56	0.42	0.19	0.31
57	0.34	0.09	0.14
58	0.36	0.03	0.05
59	0.37	0.05	0.08
60	0.30	0.09	0.15
61	0.53	0.03	0.05
62	0.32	0.01	0.01
63	0.30	0.04	0.06
64	0.33	0.06	0.10
65	0.33	0.02	0.03
66	0.41	0.05	0.09
67	0.63	0.34	0.57
68	0.35	0.13	0.22
69	0.38	0.06	0.10
70	0.42	0.05	0.09
71	0.67	0.24	0.40
72	0.39	0.03	0.06
73	0.64	0.27	0.46
74	0.37	0.06	0.11
75	0.39	0.12	0.20
76	0.42	0.08	0.14
77	0.32	0.05	0.08
78	0.32	0.11	0.18
79	0.54	0.26	0.44
80	0.37	0.01	0.02

Total Maintenance

Yr	All Buildings Mean	SDev	90% +/-
1	0.11	0.03	0.06
2	0.24	0.06	0.11
3	0.28	0.07	0.11
4	0.31	0.00	0.00
5	0.31	0.01	0.01
6	0.36	0.13	0.23
7	0.62	0.31	0.52
8	0.50	0.02	0.03
9	0.44	0.15	0.25
10	0.38	0.13	0.22
11	0.72	0.11	0.18
12	0.50	0.09	0.16
13	0.62	0.34	0.57
14	1.28	0.94	1.59
15	0.58	0.04	0.06
16	0.64	0.07	0.12
17	0.46	0.22	0.37
18	0.37	0.11	0.18
19	1.30	0.21	0.36
20	0.45	0.11	0.19
21	0.79	0.09	0.15
22	0.41	0.03	0.05
23	0.55	0.02	0.04
24	0.41	0.02	0.04
25	0.64	0.32	0.54
26	1.20	0.76	1.27
27	1.74	1.23	2.07
28	0.43	0.16	0.27
29	0.59	0.04	0.08
30	0.58	0.02	0.03
31	1.70	0.55	0.93
32	0.43	0.16	0.26
33	0.56	0.13	0.22
34	0.62	0.12	0.21
35	0.44	0.17	0.28
36	0.45	0.12	0.21
37	0.83	0.20	0.34
38	1.26	0.70	1.17
39	0.42	0.14	0.24
40	1.33	0.91	1.54
41	0.96	0.09	0.15
42	0.33	0.09	0.16
43	0.80	0.09	0.15
44	0.65	0.23	0.39
45	0.68	0.03	0.06
46	0.86	0.08	0.14
47	0.60	0.07	0.11
48	0.57	0.03	0.05
49	0.84	0.17	0.29
50	0.61	0.05	0.09
51	1.50	0.69	1.16
52	0.53	0.13	0.22
53	1.65	1.29	2.17
54	0.49	0.08	0.13
55	0.77	0.34	0.58
56	0.54	0.20	0.34
57	1.09	0.52	0.87
58	0.53	0.01	0.02
59	0.51	0.11	0.19
60	0.43	0.13	0.21
61	9.30	1.68	2.83
62	0.42	0.04	0.07
63	0.43	0.07	0.11
64	0.43	0.10	0.17
65	0.56	0.00	0.00
66	1.40	0.91	1.54
67	0.76	0.38	0.64
68	0.46	0.21	0.35
69	0.46	0.11	0.18
70	0.52	0.08	0.14
71	1.95	0.96	1.62
72	0.58	0.01	0.02
73	0.82	0.40	0.68
74	0.51	0.12	0.20
75	1.23	0.63	1.06
76	4.32	1.16	1.96
77	0.64	0.11	0.19
78	0.48	0.17	0.28
79	2.02	1.38	2.33
80	0.50	0.08	0.13

Annual Required Maintenance
All Buildings

Yr	Mean	SDev	90% +/-
1	0.26	0.06	0.07
2	0.75	0.19	0.22
3	0.79	0.16	0.19
4	0.84	0.19	0.23
5	0.86	0.14	0.17
6	0.97	0.23	0.27
7	0.87	0.13	0.16
8	0.99	0.24	0.28
9	1.00	0.20	0.23
10	0.89	0.16	0.19
11	0.99	0.06	0.07
12	0.93	0.19	0.23
13	1.47	0.35	0.42
14	0.93	0.15	0.18
15	1.11	0.23	0.27
16	0.97	0.16	0.19
17	1.33	0.46	0.56
18	1.12	0.36	0.43
19	1.05	0.19	0.23
20	1.06	0.25	0.29
21	0.99	0.11	0.13
22	0.97	0.23	0.27
23	1.44	0.49	0.58
24	1.24	0.05	0.06
25	1.00	0.16	0.19
26	1.03	0.00	0.00
27	1.12	0.27	0.32
28	1.65	0.67	0.79
29	1.05	0.25	0.29
30	0.92	0.18	0.21
31	0.94	0.16	0.19
32	1.28	0.42	0.49
33	0.94	0.16	0.19
34	1.01	0.25	0.29
35	0.88	0.11	0.13
36	1.00	0.25	0.30
37	0.93	0.15	0.17
38	1.20	0.19	0.22
39	0.95	0.19	0.23
40	0.91	0.21	0.25
41	1.05	0.19	0.23
42	1.01	0.25	0.29
43	1.63	0.62	0.73
44	0.96	0.17	0.20
45	1.00	0.17	0.20
46	0.97	0.10	0.12
47	1.51	0.30	0.35
48	1.36	0.45	0.54
49	1.23	0.34	0.40
50	1.00	0.25	0.30
51	1.10	0.14	0.16
52	0.90	0.16	0.19
53	1.26	0.43	0.51
54	0.95	0.20	0.23
55	1.04	0.19	0.23
56	0.95	0.20	0.24
57	1.13	0.27	0.32
58	1.47	0.60	0.71
59	0.91	0.15	0.18
60	0.94	0.20	0.23
61	0.96	0.11	0.13
62	1.35	0.47	0.56
63	1.22	0.22	0.26
64	1.05	0.23	0.28
65	0.92	0.16	0.18
66	0.87	0.17	0.20
67	1.06	0.26	0.31
68	0.91	0.22	0.26
69	1.14	0.28	0.33
70	0.88	0.18	0.22
71	1.08	0.14	0.16
72	0.91	0.21	0.25
73	1.50	0.62	0.73
74	1.03	0.23	0.27
75	1.01	0.04	0.04
76	1.11	0.14	0.17
77	1.34	0.45	0.53
78	1.50	0.61	0.71
79	0.97	0.18	0.22
80	0.99	0.18	0.21

Major Component Replacement
All Buildings

Yr	Mean	SDev	90% +/-
1	0.00	0.00	0.00
2	0.00	0.00	0.00
3	0.00	0.00	0.00
4	0.06	0.04	0.05
5	0.06	0.04	0.05
6	0.00	0.00	0.00
7	0.00	0.00	0.00
8	0.50	0.22	0.26
9	0.40	0.25	0.30
10	0.03	0.00	0.00
11	0.22	0.07	0.08
12	0.17	0.04	0.05
13	1.01	0.66	0.78
14	0.43	0.45	0.53
15	0.89	0.27	0.32
16	0.61	0.37	0.43
17	0.59	0.32	0.38
18	0.56	0.30	0.35
19	0.90	0.95	1.12
20	0.17	0.06	0.08
21	0.38	0.15	0.18
22	0.31	0.14	0.17
23	0.47	0.17	0.20
24	0.71	0.24	0.28
25	2.06	1.35	1.59
26	0.71	0.13	0.15
27	2.07	0.35	0.42
28	1.05	0.66	0.78
29	1.22	0.01	0.01
30	0.90	0.43	0.50
31	1.35	0.71	0.84
32	0.60	0.35	0.42
33	1.22	0.55	0.65
34	0.19	0.06	0.07
35	1.62	1.04	1.23
36	0.19	0.04	0.05
37	0.59	0.27	0.32
38	0.91	0.52	0.61
39	0.27	0.11	0.13
40	0.96	0.21	0.25
41	1.34	0.04	0.04
42	0.33	0.02	0.02
43	0.75	0.46	0.54
44	0.32	0.02	0.03
45	0.75	0.41	0.48
46	0.25	0.15	0.17
47	0.08	0.03	0.04
48	0.64	0.33	0.39
49	1.28	0.82	0.96
50	0.20	0.10	0.11
51	0.42	0.29	0.34
52	0.75	0.44	0.52
53	0.88	0.52	0.62
54	2.08	1.27	1.50
55	1.11	0.16	0.19
56	1.13	0.43	0.50
57	2.58	0.48	0.56
58	0.90	0.30	0.36
59	1.35	0.12	0.14
60	0.29	0.06	0.07
61	1.05	1.24	1.46
62	0.50	0.20	0.23
63	1.33	0.77	0.90
64	2.07	1.29	1.52
65	0.69	0.21	0.25
66	0.43	0.54	0.64
67	0.64	0.36	0.42
68	0.27	0.03	0.03
69	0.95	0.35	0.41
70	0.62	0.29	0.35
71	0.71	0.25	0.29
72	0.77	0.30	0.35
73	0.94	0.01	0.01
74	1.23	0.34	0.40
75	0.76	0.45	0.53
76	1.59	1.59	1.88
77	0.24	0.07	0.08
78	0.49	0.19	0.23
79	1.27	0.54	0.64
80	0.72	0.37	0.43

Total Maintenance
All Buildings

Yr	Mean	SDev	90% +/-
1	0.26	0.06	0.07
2	0.75	0.19	0.22
3	0.79	0.16	0.19
4	0.90	0.23	0.27
5	0.92	0.19	0.22
6	0.97	0.23	0.27
7	0.87	0.13	0.16
8	1.49	0.46	0.54
9	1.41	0.45	0.53
10	0.92	0.17	0.20
11	1.20	0.13	0.15
12	1.10	0.24	0.28
13	2.48	1.02	1.20
14	1.36	0.29	0.34
15	2.00	0.50	0.59
16	1.58	0.53	0.62
17	1.92	0.79	0.94
18	1.68	0.66	0.78
19	1.95	0.75	0.89
20	1.23	0.31	0.36
21	1.37	0.04	0.05
22	1.28	0.37	0.44
23	1.91	0.66	0.78
24	1.95	0.29	0.34
25	3.06	1.51	1.78
26	1.74	0.13	0.15
27	3.19	0.63	0.74
28	2.70	1.33	1.57
29	2.27	0.24	0.28
30	1.82	0.25	0.29
31	2.29	0.55	0.65
32	1.88	0.77	0.91
33	2.16	0.71	0.84
34	1.20	0.31	0.36
35	2.50	1.15	1.36
36	1.19	0.30	0.35
37	1.52	0.12	0.14
38	2.11	0.34	0.40
39	1.22	0.30	0.35
40	1.87	0.00	0.00
41	2.40	0.23	0.27
42	1.35	0.23	0.27
43	2.38	1.08	1.27
44	1.27	0.19	0.22
45	1.75	0.58	0.68
46	1.22	0.25	0.30
47	1.59	0.33	0.39
48	1.99	0.79	0.93
49	2.50	1.16	1.37
50	1.20	0.35	0.41
51	1.52	0.42	0.50
52	1.65	0.60	0.70
53	2.13	0.09	0.11
54	3.03	1.46	1.72
55	2.15	0.35	0.42
56	2.08	0.23	0.27
57	3.72	0.74	0.88
58	2.37	0.90	1.06
59	2.26	0.04	0.04
60	1.23	0.26	0.31
61	2.02	1.12	1.32
62	1.84	0.67	0.79
63	2.55	0.99	1.17
64	3.12	1.52	1.79
65	1.61	0.37	0.43
66	1.30	0.37	0.44
67	1.70	0.62	0.73
68	1.18	0.24	0.29
69	2.08	0.63	0.74
70	1.50	0.48	0.56
71	1.78	0.39	0.46
72	1.68	0.51	0.60
73	2.45	0.63	0.74
74	2.26	0.11	0.13
75	1.77	0.48	0.57
76	2.70	1.44	1.70
77	1.58	0.52	0.61
78	1.99	0.80	0.94
79	2.24	0.36	0.43
80	1.62	0.54	0.64

Major Component Replacement

Yr	Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.01	0.01	0.00
4	0.03	0.00	0.00	0.03	0.01	0.01
5	0.14	0.00	0.00	0.12	0.20	0.15
6	0.03	0.00	0.00	0.02	0.00	0.00
7	0.03	0.00	0.00	0.31	0.15	0.11
8	1.08	0.00	0.00	0.61	0.30	0.22
9	1.35	0.00	0.00	0.71	0.34	0.25
10	0.40	0.00	0.00	0.43	0.21	0.15
11	0.27	0.00	0.00	0.39	0.06	0.05
12	0.92	0.00	0.00	0.30	0.06	0.05
13	0.21	0.00	0.00	0.38	0.16	0.12
14	0.56	0.00	0.00	0.54	0.21	0.15
15	0.96	0.00	0.00	0.51	0.14	0.10
16	2.59	0.00	0.00	0.86	0.26	0.19
17	1.37	0.00	0.00	0.64	0.44	0.32
18	0.52	0.00	0.00	1.13	0.46	0.34
19	0.96	0.00	0.00	0.78	0.03	0.02
20	0.59	0.00	0.00	0.55	0.21	0.15
21	1.78	0.00	0.00	1.15	0.56	0.41
22	0.60	0.00	0.00	0.32	0.11	0.08
23	0.87	0.00	0.00	0.70	0.22	0.16
24	1.52	0.00	0.00	0.73	0.22	0.16
25	2.28	0.00	0.00	0.74	0.39	0.28
26	0.36	0.00	0.00	0.61	0.21	0.15
27	14.70	0.00	0.00	0.31	0.15	0.11
28	1.94	0.00	0.00	0.45	0.13	0.10
29	1.07	0.00	0.00	0.71	0.08	0.06
30	15.60	0.00	0.00	1.27	1.17	0.86
31	0.63	0.00	0.00	0.91	0.10	0.08
32	2.23	0.00	0.00	1.63	0.12	0.09
33	2.42	0.00	0.00	1.16	0.30	0.22
34	2.38	0.00	0.00	0.81	0.26	0.19
35	1.21	0.00	0.00	0.74	0.27	0.20
36	1.00	0.00	0.00	1.12	0.38	0.28
37	1.18	0.00	0.00	0.67	0.16	0.12
38	0.91	0.00	0.00	1.09	0.02	0.02
39	2.12	0.00	0.00	1.21	0.45	0.33
40	1.52	0.00	0.00	1.05	0.34	0.25
41	1.35	0.00	0.00	1.32	0.23	0.17
42	1.11	0.00	0.00	1.59	1.57	1.15
43	0.91	0.00	0.00	0.46	0.13	0.10
44	0.87	0.00	0.00	0.53	0.11	0.08
45	1.01	0.00	0.00	0.44	0.18	0.13
46	0.83	0.00	0.00	0.32	0.06	0.04
47	1.13	0.00	0.00	0.64	0.08	0.06
48	1.47	0.00	0.00	0.89	0.37	0.27
49	2.51	0.00	0.00	0.98	0.29	0.21
50	1.50	0.00	0.00	0.84	0.35	0.25
51	0.86	0.00	0.00	0.58	0.07	0.05
52	2.11	0.00	0.00	0.54	0.21	0.15
53	0.38	0.00	0.00	0.70	0.24	0.18
54	0.89	0.00	0.00	0.46	0.18	0.13
55	14.80	0.00	0.00	0.68	0.20	0.15
56	2.41	0.00	0.00	1.13	0.13	0.09
57	3.18	0.00	0.00	1.46	0.11	0.08
58	15.40	0.00	0.00	1.02	0.38	0.28
59	0.92	0.00	0.00	1.32	1.11	0.81
60	0.66	0.00	0.00	0.65	0.17	0.13
61	1.04	0.00	0.00	0.79	0.51	0.37
62	0.79	0.00	0.00	0.84	0.49	0.36
63	1.74	0.00	0.00	0.87	0.27	0.20
64	2.60	0.00	0.00	1.00	0.37	0.27
65	2.06	0.00	0.00	0.92	0.41	0.30
66	0.78	0.00	0.00	0.61	0.16	0.12
67	0.96	0.00	0.00	0.38	0.04	0.03
68	0.69	0.00	0.00	0.69	0.12	0.09
69	1.13	0.00	0.00	0.57	0.11	0.08
70	2.91	0.00	0.00	0.62	0.12	0.09
71	0.57	0.00	0.00	0.79	0.18	0.13
72	1.83	0.00	0.00	2.72	1.22	0.89
73	3.57	0.00	0.00	1.31	0.21	0.15
74	1.29	0.00	0.00	0.75	0.17	0.12
75	3.71	0.00	0.00	0.90	0.21	0.15
76	0.61	0.00	0.00	1.83	0.77	0.56
77	0.72	0.00	0.00	0.77	0.29	0.21
78	0.47	0.00	0.00	0.89	0.18	0.13
79	1.09	0.00	0.00	0.92	0.11	0.08
80	1.42	0.00	0.00	2.21	0.82	0.60

Annual Required Maintenance

Yr	Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.47	0.00	0.00	0.17	0.01	0.01
2	1.13	0.00	0.00	0.44	0.15	0.11
3	1.26	0.00	0.00	0.45	0.15	0.11
4	1.43	0.00	0.00	0.51	0.17	0.12
5	1.54	0.00	0.00	0.52	0.18	0.13
6	1.55	0.00	0.00	0.55	0.19	0.14
7	1.51	0.00	0.00	0.56	0.23	0.17
8	1.69	0.00	0.00	0.64	0.30	0.22
9	1.89	0.00	0.00	0.68	0.16	0.12
10	1.78	0.00	0.00	0.68	0.18	0.13
11	1.68	0.00	0.00	0.74	0.27	0.19
12	1.83	0.00	0.00	0.69	0.18	0.13
13	1.77	0.00	0.00	0.66	0.15	0.11
14	1.60	0.00	0.00	0.67	0.18	0.13
15	1.82	0.00	0.00	0.71	0.23	0.17
16	1.73	0.00	0.00	0.64	0.17	0.12
17	1.76	0.00	0.00	0.55	0.18	0.13
18	1.98	0.00	0.00	0.59	0.17	0.13
19	1.77	0.00	0.00	0.60	0.18	0.13
20	2.17	0.00	0.00	0.74	0.12	0.09
21	1.72	0.00	0.00	0.85	0.59	0.43
22	1.91	0.00	0.00	0.78	0.24	0.18
23	1.93	0.00	0.00	0.63	0.16	0.12
24	1.70	0.00	0.00	0.73	0.07	0.05
25	1.74	0.00	0.00	0.63	0.14	0.10
26	1.96	0.00	0.00	0.66	0.18	0.13
27	1.64	0.00	0.00	0.61	0.19	0.14
28	1.76	0.00	0.00	0.62	0.23	0.17
29	1.78	0.00	0.00	0.70	0.29	0.21
30	1.65	0.00	0.00	0.61	0.20	0.14
31	1.63	0.00	0.00	0.67	0.27	0.20
32	1.74	0.00	0.00	0.68	0.19	0.14
33	1.61	0.00	0.00	0.67	0.17	0.13
34	1.60	0.00	0.00	0.62	0.15	0.11
35	1.73	0.00	0.00	0.61	0.12	0.09
36	1.76	0.00	0.00	0.73	0.24	0.18
37	1.85	0.00	0.00	0.61	0.18	0.13
38	1.89	0.00	0.00	0.62	0.14	0.10
39	1.59	0.00	0.00	0.55	0.14	0.10
40	1.55	0.00	0.00	0.60	0.14	0.10
41	1.67	0.00	0.00	0.54	0.23	0.17
42	1.54	0.00	0.00	0.76	0.46	0.34
43	1.83	0.00	0.00	0.59	0.23	0.17
44	1.76	0.00	0.00	0.62	0.17	0.13
45	1.91	0.00	0.00	0.60	0.17	0.12
46	1.72	0.00	0.00	0.63	0.20	0.15
47	1.94	0.00	0.00	0.64	0.23	0.17
48	1.63	0.00	0.00	0.62	0.18	0.13
49	1.90	0.00	0.00	0.71	0.15	0.11
50	1.80	0.00	0.00	0.68	0.28	0.21
51	1.80	0.00	0.00	0.69	0.16	0.12
52	1.80	0.00	0.00	0.73	0.21	0.15
53	1.74	0.00	0.00	0.64	0.18	0.13
54	1.76	0.00	0.00	0.63	0.17	0.12
55	1.90	0.00	0.00	0.63	0.17	0.13
56	1.82	0.00	0.00	0.68	0.20	0.14
57	1.73	0.00	0.00	0.70	0.30	0.22
58	1.90	0.00	0.00	0.63	0.22	0.16
59	1.74	0.00	0.00	0.58	0.22	0.16
60	1.78	0.00	0.00	0.72	0.11	0.08
61	1.60	0.00	0.00	0.67	0.14	0.10
62	1.59	0.00	0.00	0.81	0.44	0.33
63	1.70	0.00	0.00	0.57	0.17	0.12
64	1.67	0.00	0.00	0.75	0.18	0.13
65	1.77	0.00	0.00	0.63	0.16	0.11
66	1.78	0.00	0.00	0.66	0.18	0.13
67	1.76	0.00	0.00	0.66	0.18	0.13
68	1.65	0.00	0.00	0.59	0.24	0.18
69	1.78	0.00	0.00	0.61	0.20	0.15
70	1.64	0.00	0.00	0.59	0.20	0.15
71	1.63	0.00	0.00	0.66	0.23	0.17
72	1.64	0.00	0.00	0.69	0.18	0.13
73	2.00	0.00	0.00	0.72	0.20	0.15
74	1.98	0.00	0.00	0.66	0.10	0.07
75	1.60	0.00	0.00	0.62	0.12	0.09
76	2.00	0.00	0.00	0.63	0.16	0.12
77	1.87	0.00	0.00	0.64	0.22	0.16
78	1.67	0.00	0.00	0.57	0.28	0.20
79	1.63	0.00	0.00	0.59	0.21	0.15
80	1.72	0.00	0.00	0.56	0.19	0.14

Yr	Total Maintenance Pers Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.47	0.00	0.00	0.17	0.01	0.01
2	1.13	0.00	0.00	0.44	0.15	0.11
3	1.26	0.00	0.00	0.47	0.15	0.11
4	1.46	0.00	0.00	0.54	0.15	0.11
5	1.68	0.00	0.00	0.64	0.38	0.28
6	1.57	0.00	0.00	0.57	0.19	0.14
7	1.54	0.00	0.00	0.87	0.08	0.06
8	2.77	0.00	0.00	1.25	0.01	0.00
9	3.24	0.00	0.00	1.39	0.50	0.37
10	2.19	0.00	0.00	1.12	0.03	0.02
11	1.95	0.00	0.00	1.13	0.20	0.15
12	2.76	0.00	0.00	0.98	0.12	0.09
13	1.98	0.00	0.00	1.04	0.31	0.23
14	2.16	0.00	0.00	1.21	0.03	0.02
15	2.78	0.00	0.00	1.22	0.09	0.06
16	4.32	0.00	0.00	1.50	0.09	0.07
17	3.12	0.00	0.00	1.19	0.62	0.46
18	2.58	0.00	0.00	1.71	0.29	0.21
19	2.73	0.00	0.00	1.38	0.21	0.15
20	2.76	0.00	0.00	1.29	0.08	0.06
21	3.50	0.00	0.00	2.00	1.15	0.84
22	2.51	0.00	0.00	1.10	0.14	0.10
23	2.80	0.00	0.00	1.32	0.06	0.05
24	3.23	0.00	0.00	1.46	0.15	0.11
25	4.02	0.00	0.00	1.37	0.52	0.38
26	2.33	0.00	0.00	1.27	0.03	0.02
27	16.30	0.00	0.00	0.92	0.34	0.25
28	3.70	0.00	0.00	1.07	0.09	0.07
29	2.85	0.00	0.00	1.41	0.37	0.27
30	17.30	0.00	0.00	1.88	1.37	1.00
31	2.25	0.00	0.00	1.58	0.38	0.28
32	3.97	0.00	0.00	2.31	0.30	0.22
33	4.03	0.00	0.00	1.82	0.47	0.35
34	3.98	0.00	0.00	1.42	0.11	0.08
35	2.94	0.00	0.00	1.34	0.15	0.11
36	2.76	0.00	0.00	1.84	0.13	0.10
37	3.03	0.00	0.00	1.28	0.34	0.25
38	2.80	0.00	0.00	1.71	0.11	0.08
39	3.71	0.00	0.00	1.76	0.31	0.23
40	3.07	0.00	0.00	1.65	0.21	0.15
41	3.02	0.00	0.00	1.86	0.47	0.34
42	2.64	0.00	0.00	2.35	2.03	1.49
43	2.75	0.00	0.00	1.06	0.10	0.08
44	2.63	0.00	0.00	1.14	0.07	0.05
45	2.93	0.00	0.00	1.04	0.35	0.26
46	2.55	0.00	0.00	0.95	0.15	0.11
47	3.07	0.00	0.00	1.27	0.15	0.11
48	3.10	0.00	0.00	1.51	0.19	0.14
49	4.41	0.00	0.00	1.69	0.44	0.32
50	3.29	0.00	0.00	1.52	0.07	0.05
51	2.65	0.00	0.00	1.27	0.09	0.06
52	3.90	0.00	0.00	1.27	0.00	0.00
53	2.12	0.00	0.00	1.34	0.42	0.31
54	2.64	0.00	0.00	1.10	0.01	0.01
55	16.70	0.00	0.00	1.31	0.03	0.02
56	4.23	0.00	0.00	1.80	0.07	0.05
57	4.91	0.00	0.00	2.16	0.41	0.30
58	17.30	0.00	0.00	1.65	0.16	0.12
59	2.67	0.00	0.00	1.89	1.33	0.98
60	2.45	0.00	0.00	1.37	0.07	0.05
61	2.64	0.00	0.00	1.45	0.64	0.47
62	2.38	0.00	0.00	1.65	0.93	0.68
63	3.45	0.00	0.00	1.45	0.44	0.32
64	4.27	0.00	0.00	1.76	0.19	0.14
65	3.83	0.00	0.00	1.55	0.56	0.41
66	2.56	0.00	0.00	1.27	0.02	0.02
67	2.72	0.00	0.00	1.04	0.14	0.10
68	2.34	0.00	0.00	1.28	0.13	0.09
69	2.91	0.00	0.00	1.18	0.31	0.23
70	4.55	0.00	0.00	1.21	0.08	0.06
71	2.20	0.00	0.00	1.45	0.05	0.04
72	3.47	0.00	0.00	3.41	1.04	0.76
73	5.57	0.00	0.00	2.03	0.41	0.30
74	3.27	0.00	0.00	1.41	0.27	0.20
75	5.31	0.00	0.00	1.51	0.09	0.06
76	2.62	0.00	0.00	2.46	0.61	0.44
77	2.39	0.00	0.00	1.40	0.51	0.38
78	2.13	0.00	0.00	1.46	0.09	0.07
79	2.72	0.00	0.00	1.51	0.33	0.24
80	3.14	0.00	0.00	2.77	0.63	0.46

Annual Required Maintenance

Yr	Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.11	0.00	0.00	0.14	0.12	0.04
2	0.54	0.00	0.00	0.31	0.20	0.06
3	0.55	0.00	0.00	0.33	0.20	0.06
4	0.61	0.00	0.00	0.42	0.27	0.08
5	0.59	0.00	0.00	0.42	0.28	0.08
6	0.66	0.00	0.00	0.40	0.30	0.08
7	0.71	0.00	0.00	0.42	0.29	0.08
8	0.70	0.00	0.00	0.47	0.29	0.08
9	0.73	0.00	0.00	0.54	0.33	0.09
10	0.76	0.00	0.00	0.50	0.30	0.09
11	0.93	0.00	0.00	0.51	0.28	0.08
12	0.72	0.00	0.00	0.54	0.26	0.07
13	0.79	0.00	0.00	0.52	0.33	0.09
14	0.72	0.00	0.00	0.48	0.29	0.08
15	0.74	0.00	0.00	0.47	0.26	0.07
16	0.73	0.00	0.00	0.50	0.31	0.09
17	0.66	0.00	0.00	0.48	0.34	0.10
18	0.63	0.00	0.00	0.46	0.30	0.09
19	0.66	0.00	0.00	0.53	0.22	0.06
20	0.73	0.00	0.00	0.54	0.30	0.09
21	1.08	0.00	0.00	0.57	0.41	0.12
22	0.67	0.00	0.00	0.55	0.34	0.10
23	0.64	0.00	0.00	0.49	0.30	0.09
24	0.65	0.00	0.00	0.47	0.29	0.08
25	0.74	0.00	0.00	0.49	0.34	0.10
26	1.08	0.00	0.00	0.57	0.50	0.14
27	0.70	0.00	0.00	0.46	0.28	0.08
28	0.74	0.00	0.00	0.46	0.33	0.10
29	0.72	0.00	0.00	0.55	0.30	0.08
30	0.67	0.00	0.00	0.57	0.31	0.09
31	0.81	0.00	0.00	0.52	0.32	0.09
32	0.73	0.00	0.00	0.50	0.29	0.08
33	0.71	0.00	0.00	0.51	0.26	0.07
34	0.67	0.00	0.00	0.48	0.25	0.07
35	0.72	0.00	0.00	0.41	0.27	0.08
36	0.74	0.00	0.00	0.45	0.34	0.10
37	0.73	0.00	0.00	0.53	0.35	0.10
38	0.66	0.00	0.00	0.47	0.32	0.09
39	0.64	0.00	0.00	0.42	0.25	0.07
40	0.66	0.00	0.00	0.45	0.25	0.07
41	0.92	0.00	0.00	0.56	0.34	0.10
42	0.61	0.00	0.00	0.51	0.29	0.08
43	0.64	0.00	0.00	0.43	0.26	0.07
44	0.64	0.00	0.00	0.45	0.30	0.08
45	0.63	0.00	0.00	0.49	0.33	0.09
46	0.73	0.00	0.00	0.52	0.32	0.09
47	0.69	0.00	0.00	0.46	0.28	0.08
48	0.70	0.00	0.00	0.47	0.28	0.08
49	0.87	0.00	0.00	0.57	0.31	0.09
50	0.74	0.00	0.00	0.54	0.32	0.09
51	1.27	0.00	0.00	0.66	0.59	0.17
52	0.72	0.00	0.00	0.49	0.27	0.08
53	0.74	0.00	0.00	0.43	0.27	0.08
54	0.70	0.00	0.00	0.44	0.28	0.08
55	0.73	0.00	0.00	0.47	0.32	0.09
56	0.71	0.00	0.00	0.50	0.34	0.10
57	0.72	0.00	0.00	0.53	0.32	0.09
58	0.65	0.00	0.00	0.51	0.30	0.09
59	0.64	0.00	0.00	0.50	0.30	0.09
60	0.74	0.00	0.00	0.48	0.29	0.08
61	0.91	0.00	0.00	0.51	0.36	0.10
62	0.62	0.00	0.00	0.44	0.28	0.08
63	0.66	0.00	0.00	0.46	0.29	0.08
64	0.71	0.00	0.00	0.46	0.34	0.10
65	0.66	0.00	0.00	0.46	0.38	0.11
66	0.75	0.00	0.00	0.49	0.30	0.09
67	0.66	0.00	0.00	0.49	0.30	0.09
68	0.67	0.00	0.00	0.45	0.29	0.08
69	0.71	0.00	0.00	0.50	0.26	0.08
70	0.66	0.00	0.00	0.52	0.24	0.07
71	0.87	0.00	0.00	0.52	0.29	0.08
72	0.74	0.00	0.00	0.51	0.33	0.09
73	0.74	0.00	0.00	0.48	0.32	0.09
74	0.69	0.00	0.00	0.44	0.25	0.07
75	0.74	0.00	0.00	0.43	0.26	0.07
76	1.12	0.00	0.00	0.45	0.33	0.10
77	0.82	0.00	0.00	0.44	0.32	0.09
78	0.70	0.00	0.00	0.44	0.34	0.10
79	0.64	0.00	0.00	0.50	0.29	0.08
80	0.65	0.00	0.00	0.52	0.35	0.10

Major Component Replacement

Yr	Perm Buildings Mean	Perm Buildings SDev	Perm Buildings 90% +/-	Temp Buildings Mean	Temp Buildings SDev	Temp Buildings 90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.01	0.02	0.01
5	0.00	0.00	0.00	0.01	0.03	0.01
6	0.00	0.00	0.00	0.00	0.01	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.01	0.03	0.01
9	0.01	0.00	0.00	0.02	0.04	0.01
10	0.01	0.00	0.00	0.01	0.03	0.01
11	0.12	0.00	0.00	0.06	0.05	0.02
12	0.11	0.00	0.00	0.07	0.07	0.02
13	0.12	0.00	0.00	0.07	0.08	0.02
14	0.10	0.00	0.00	0.10	0.13	0.04
15	1.66	0.00	0.00	0.06	0.05	0.01
16	0.21	0.00	0.00	0.12	0.14	0.04
17	0.13	0.00	0.00	0.16	0.15	0.04
18	0.17	0.00	0.00	0.32	0.09	0.03
19	2.51	0.00	0.00	0.28	0.07	0.02
20	0.14	0.00	0.00	0.44	0.12	0.04
21	0.52	0.00	0.00	0.33	0.15	0.04
22	0.33	0.00	0.00	0.19	0.10	0.03
23	0.20	0.00	0.00	0.22	0.18	0.05
24	0.30	0.00	0.00	0.21	0.10	0.03
25	0.59	0.00	0.00	0.16	0.05	0.01
26	0.13	0.00	0.00	0.32	0.26	0.07
27	0.51	0.00	0.00	0.37	0.33	0.09
28	0.29	0.00	0.00	0.35	0.38	0.11
29	3.17	0.00	0.00	0.62	0.82	0.23
30	0.32	0.00	0.00	0.45	0.36	0.10
31	2.24	0.00	0.00	1.34	3.35	0.96
32	0.24	0.00	0.00	0.38	0.40	0.11
33	0.52	0.00	0.00	0.42	0.46	0.13
34	0.40	0.00	0.00	0.48	0.37	0.10
35	0.30	0.00	0.00	0.43	0.13	0.04
36	0.46	0.00	0.00	0.47	0.18	0.05
37	2.85	0.00	0.00	0.49	0.12	0.03
38	0.29	0.00	0.00	0.42	0.09	0.03
39	0.48	0.00	0.00	0.41	0.09	0.03
40	0.25	0.00	0.00	0.52	0.17	0.05
41	0.76	0.00	0.00	0.41	0.26	0.08
42	0.20	0.00	0.00	0.18	0.28	0.08
43	1.72	0.00	0.00	0.19	0.11	0.03
44	0.21	0.00	0.00	0.18	0.16	0.04
45	0.18	0.00	0.00	0.25	0.17	0.05
46	0.22	0.00	0.00	0.25	0.15	0.04
47	0.14	0.00	0.00	0.22	0.05	0.02
48	0.17	0.00	0.00	0.21	0.07	0.02
49	0.52	0.00	0.00	0.22	0.10	0.03
50	0.38	0.00	0.00	0.26	0.11	0.03
51	0.60	0.00	0.00	0.48	0.08	0.02
52	0.25	0.00	0.00	0.52	0.14	0.04
53	0.34	0.00	0.00	0.49	0.10	0.03
54	0.42	0.00	0.00	0.76	0.20	0.06
55	2.59	0.00	0.00	0.77	0.25	0.07
56	0.46	0.00	0.00	0.89	0.23	0.07
57	3.53	0.00	0.00	1.02	0.71	0.20
58	0.30	0.00	0.00	0.87	0.33	0.09
59	0.42	0.00	0.00	0.54	0.27	0.08
60	0.44	0.00	0.00	0.54	0.11	0.03
61	2.21	0.00	0.00	2.18	5.26	1.50
62	0.40	0.00	0.00	0.64	0.35	0.10
63	0.35	0.00	0.00	0.59	0.37	0.11
64	0.22	0.00	0.00	0.43	0.10	0.03
65	0.41	0.00	0.00	0.52	0.12	0.03
66	0.40	0.00	0.00	0.57	0.14	0.04
67	0.18	0.00	0.00	0.75	0.27	0.08
68	0.37	0.00	0.00	0.41	0.05	0.02
69	0.17	0.00	0.00	0.57	0.14	0.04
70	0.17	0.00	0.00	0.55	0.13	0.04
71	3.26	0.00	0.00	0.97	1.73	0.49
72	0.28	0.00	0.00	0.45	0.12	0.03
73	2.99	0.00	0.00	0.62	0.11	0.03
74	0.28	0.00	0.00	0.59	0.23	0.07
75	0.29	0.00	0.00	0.44	0.09	0.03
76	1.83	0.00	0.00	1.00	1.30	0.37
77	0.32	0.00	0.00	0.67	0.23	0.07
78	0.32	0.00	0.00	0.56	0.12	0.04
79	0.70	0.00	0.00	0.47	0.24	0.07
80	0.33	0.00	0.00	0.44	0.13	0.04

Yr	Total Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.11	0.00	0.00	0.14	0.12	0.04
2	0.54	0.00	0.00	0.31	0.20	0.06
3	0.55	0.00	0.00	0.33	0.20	0.06
4	0.61	0.00	0.00	0.43	0.29	0.08
5	0.59	0.00	0.00	0.44	0.31	0.09
6	0.66	0.00	0.00	0.40	0.30	0.09
7	0.71	0.00	0.00	0.42	0.29	0.08
8	0.70	0.00	0.00	0.48	0.31	0.09
9	0.74	0.00	0.00	0.57	0.38	0.11
10	0.77	0.00	0.00	0.51	0.33	0.09
11	1.05	0.00	0.00	0.57	0.33	0.10
12	0.83	0.00	0.00	0.61	0.33	0.09
13	0.91	0.00	0.00	0.59	0.41	0.12
14	0.82	0.00	0.00	0.57	0.41	0.12
15	2.40	0.00	0.00	0.53	0.31	0.09
16	0.94	0.00	0.00	0.62	0.44	0.13
17	0.80	0.00	0.00	0.64	0.49	0.14
18	0.80	0.00	0.00	0.78	0.36	0.10
19	3.17	0.00	0.00	0.81	0.18	0.05
20	0.87	0.00	0.00	0.99	0.37	0.10
21	1.60	0.00	0.00	0.91	0.52	0.15
22	1.01	0.00	0.00	0.74	0.44	0.13
23	0.84	0.00	0.00	0.71	0.48	0.14
24	0.95	0.00	0.00	0.67	0.39	0.11
25	1.33	0.00	0.00	0.65	0.39	0.11
26	1.22	0.00	0.00	0.89	0.73	0.21
27	1.20	0.00	0.00	0.82	0.60	0.17
28	1.03	0.00	0.00	0.81	0.71	0.20
29	3.89	0.00	0.00	1.17	0.97	0.28
30	1.00	0.00	0.00	1.02	0.67	0.19
31	3.05	0.00	0.00	1.86	3.53	1.01
32	0.97	0.00	0.00	0.88	0.68	0.19
33	1.23	0.00	0.00	0.93	0.72	0.21
34	1.11	0.00	0.00	0.96	0.60	0.17
35	1.02	0.00	0.00	0.84	0.36	0.10
36	1.20	0.00	0.00	0.92	0.49	0.14
37	3.58	0.00	0.00	1.02	0.43	0.12
38	0.95	0.00	0.00	0.89	0.39	0.11
39	1.12	0.00	0.00	0.83	0.31	0.09
40	0.92	0.00	0.00	0.97	0.39	0.11
41	1.68	0.00	0.00	0.94	0.60	0.17
42	0.81	0.00	0.00	0.69	0.57	0.16
43	2.37	0.00	0.00	0.62	0.36	0.10
44	0.85	0.00	0.00	0.63	0.45	0.13
45	0.81	0.00	0.00	0.74	0.49	0.14
46	0.95	0.00	0.00	0.77	0.48	0.14
47	0.83	0.00	0.00	0.69	0.30	0.09
48	0.86	0.00	0.00	0.67	0.35	0.10
49	1.39	0.00	0.00	0.78	0.40	0.11
50	1.12	0.00	0.00	0.80	0.41	0.12
51	1.87	0.00	0.00	1.13	0.67	0.19
52	0.97	0.00	0.00	1.01	0.30	0.09
53	1.08	0.00	0.00	0.92	0.25	0.07
54	1.12	0.00	0.00	1.20	0.24	0.07
55	3.32	0.00	0.00	1.23	0.51	0.15
56	1.17	0.00	0.00	1.39	0.47	0.13
57	4.24	0.00	0.00	1.55	0.85	0.24
58	0.95	0.00	0.00	1.38	0.58	0.17
59	1.06	0.00	0.00	1.04	0.56	0.16
60	1.18	0.00	0.00	1.03	0.28	0.08
61	3.12	0.00	0.00	2.69	5.49	1.57
62	1.02	0.00	0.00	1.09	0.62	0.18
63	1.02	0.00	0.00	1.05	0.64	0.18
64	0.93	0.00	0.00	0.89	0.38	0.11
65	1.07	0.00	0.00	0.99	0.45	0.13
66	1.15	0.00	0.00	1.06	0.40	0.11
67	0.84	0.00	0.00	1.24	0.21	0.06
68	1.04	0.00	0.00	0.87	0.25	0.07
69	0.87	0.00	0.00	1.06	0.32	0.09
70	0.83	0.00	0.00	1.07	0.27	0.08
71	4.13	0.00	0.00	1.49	1.83	0.52
72	1.02	0.00	0.00	0.96	0.40	0.11
73	3.64	0.00	0.00	1.09	0.35	0.10
74	0.96	0.00	0.00	1.03	0.45	0.13
75	1.03	0.00	0.00	0.87	0.26	0.08
76	2.95	0.00	0.00	1.46	1.43	0.41
77	1.14	0.00	0.00	1.10	0.50	0.14
78	1.02	0.00	0.00	0.99	0.35	0.10
79	1.34	0.00	0.00	0.96	0.52	0.15
80	0.98	0.00	0.00	0.95	0.46	0.13

Yr	Annual Required Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.23	0.09	0.04	0.08	0.03	0.02
2	0.59	0.15	0.07	0.54	0.14	0.10
3	0.63	0.16	0.07	0.57	0.12	0.09
4	0.68	0.16	0.07	0.62	0.19	0.14
5	0.69	0.15	0.07	0.61	0.17	0.12
6	0.73	0.19	0.09	0.72	0.12	0.09
7	0.76	0.19	0.09	0.92	0.29	0.21
8	0.75	0.22	0.10	0.76	0.12	0.09
9	0.86	0.19	0.09	0.83	0.12	0.09
10	0.78	0.19	0.09	0.85	0.14	0.10
11	0.98	0.27	0.13	1.11	0.31	0.23
12	0.80	0.19	0.09	0.76	0.14	0.10
13	0.87	0.19	0.09	1.15	0.32	0.23
14	0.77	0.21	0.10	0.75	0.13	0.09
15	0.81	0.22	0.10	0.80	0.15	0.11
16	0.91	0.21	0.10	0.98	0.36	0.26
17	0.83	0.21	0.10	0.69	0.17	0.12
18	0.75	0.23	0.11	0.67	0.10	0.07
19	0.87	0.17	0.08	0.96	0.23	0.17
20	0.84	0.20	0.09	0.73	0.16	0.12
21	1.08	0.48	0.23	1.42	0.59	0.43
22	0.76	0.17	0.08	0.77	0.12	0.09
23	0.77	0.23	0.11	0.66	0.11	0.08
24	1.14	0.71	0.34	0.72	0.23	0.17
25	0.86	0.14	0.07	1.07	0.35	0.26
26	1.12	0.39	0.18	0.90	0.34	0.25
27	0.78	0.23	0.11	0.75	0.13	0.09
28	0.81	0.22	0.10	0.78	0.10	0.07
29	0.86	0.23	0.11	0.84	0.11	0.08
30	0.77	0.21	0.10	0.70	0.12	0.09
31	1.08	0.38	0.18	1.51	0.66	0.48
32	0.77	0.19	0.09	0.78	0.16	0.12
33	0.84	0.22	0.11	0.80	0.11	0.08
34	0.79	0.18	0.09	0.74	0.13	0.09
35	0.75	0.20	0.09	0.75	0.16	0.12
36	0.78	0.14	0.07	0.83	0.15	0.11
37	0.78	0.18	0.08	1.00	0.36	0.27
38	0.81	0.20	0.10	0.72	0.14	0.11
39	0.74	0.19	0.09	0.72	0.10	0.08
40	0.75	0.17	0.08	0.66	0.15	0.11
41	0.98	0.38	0.18	1.18	0.47	0.34
42	0.72	0.21	0.10	0.66	0.12	0.09
43	0.78	0.21	0.10	0.89	0.32	0.23
44	0.76	0.18	0.09	0.71	0.15	0.11
45	0.80	0.23	0.11	0.67	0.18	0.13
46	0.92	0.28	0.13	0.97	0.31	0.22
47	0.83	0.23	0.11	0.80	0.07	0.05
48	1.21	0.74	0.35	0.76	0.11	0.08
49	0.88	0.17	0.08	1.21	0.33	0.24
50	0.80	0.19	0.09	0.80	0.15	0.11
51	1.11	0.44	0.21	1.24	0.45	0.33
52	0.98	0.37	0.18	0.76	0.20	0.15
53	0.77	0.20	0.09	0.75	0.12	0.08
54	0.82	0.22	0.11	0.74	0.13	0.10
55	0.82	0.20	0.09	1.06	0.24	0.17
56	0.86	0.20	0.10	0.76	0.18	0.13
57	0.84	0.19	0.09	0.74	0.17	0.12
58	0.74	0.20	0.09	0.76	0.09	0.06
59	0.77	0.20	0.09	0.72	0.11	0.08
60	0.80	0.20	0.09	0.70	0.18	0.13
61	1.09	0.51	0.24	1.45	0.66	0.49
62	0.75	0.19	0.09	0.65	0.16	0.11
63	0.79	0.21	0.10	0.73	0.17	0.13
64	0.80	0.15	0.07	0.76	0.18	0.13
65	0.80	0.19	0.09	0.69	0.19	0.14
66	0.76	0.20	0.09	0.88	0.20	0.15
67	0.76	0.18	0.09	0.93	0.25	0.18
68	0.80	0.20	0.10	0.74	0.08	0.06
69	0.78	0.17	0.08	0.81	0.12	0.08
70	0.74	0.19	0.09	0.71	0.11	0.08
71	1.36	0.89	0.42	1.09	0.41	0.30
72	0.78	0.18	0.08	0.74	0.15	0.11
73	0.91	0.23	0.11	1.02	0.37	0.27
74	0.76	0.22	0.10	0.72	0.14	0.11
75	0.88	0.22	0.10	0.74	0.16	0.12
76	1.04	0.29	0.14	1.05	0.43	0.31
77	0.89	0.36	0.17	0.77	0.20	0.14
78	0.76	0.19	0.09	0.73	0.13	0.09
79	0.88	0.24	0.11	0.95	0.23	0.17
80	0.76	0.19	0.09	0.72	0.21	0.15

Major Component Replacement

Yr	Perm Buildings Mean	Perm Buildings SDev	Perm Buildings 90% +/-	Temp Buildings Mean	Temp Buildings SDev	Temp Buildings 90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.02	0.01	0.00	0.00	0.00
5	0.04	0.09	0.04	0.16	0.16	0.12
6	0.01	0.02	0.01	0.04	0.05	0.03
7	0.06	0.06	0.03	0.01	0.02	0.01
8	0.37	0.50	0.24	0.03	0.04	0.03
9	0.26	0.51	0.24	0.36	0.34	0.25
10	0.36	0.46	0.22	0.09	0.10	0.07
11	0.22	0.23	0.11	0.21	0.26	0.19
12	0.51	0.44	0.21	0.15	0.08	0.06
13	0.31	0.22	0.10	0.33	0.14	0.11
14	0.81	0.60	0.29	0.11	0.07	0.05
15	0.45	0.48	0.23	1.18	0.83	0.61
16	0.40	0.59	0.28	1.25	1.44	1.06
17	0.31	0.53	0.25	0.41	0.39	0.29
18	0.48	0.46	0.22	0.48	0.41	0.30
19	0.49	0.72	0.34	0.50	0.30	0.22
20	0.47	0.45	0.21	0.36	0.40	0.29
21	0.88	1.66	0.79	1.80	1.01	0.74
22	0.54	0.50	0.24	0.10	0.03	0.02
23	0.21	0.11	0.05	0.13	0.06	0.05
24	0.21	0.12	0.06	0.14	0.08	0.06
25	0.47	0.58	0.27	0.48	0.37	0.27
26	0.59	0.50	0.24	0.48	0.21	0.15
27	1.42	0.86	0.41	0.23	0.06	0.04
28	0.74	0.75	0.36	0.35	0.32	0.23
29	0.32	0.21	0.10	2.33	1.86	1.36
30	1.40	0.80	0.38	0.24	0.17	0.12
31	1.04	0.88	0.42	1.14	0.84	0.62
32	0.85	0.53	0.25	0.31	0.18	0.13
33	0.57	0.40	0.19	0.84	0.44	0.32
34	0.41	0.38	0.18	1.20	1.41	1.03
35	0.56	0.47	0.22	0.15	0.05	0.04
36	0.28	0.12	0.05	0.62	0.60	0.44
37	0.43	0.62	0.29	0.73	0.43	0.31
38	0.74	0.43	0.20	0.20	0.05	0.04
39	0.37	0.29	0.14	1.30	1.51	1.11
40	1.26	0.60	0.28	0.71	0.63	0.46
41	2.02	1.81	0.86	3.37	2.61	1.91
42	1.11	0.92	0.43	0.39	0.65	0.48
43	0.14	0.08	0.04	1.20	0.82	0.60
44	0.54	0.32	0.15	0.21	0.07	0.05
45	0.46	0.36	0.17	0.30	0.16	0.12
46	0.29	0.58	0.28	0.31	0.28	0.21
47	0.15	0.06	0.03	0.21	0.10	0.07
48	0.57	0.59	0.28	0.16	0.08	0.06
49	0.36	0.57	0.27	0.56	0.43	0.31
50	0.57	0.52	0.25	0.18	0.12	0.09
51	1.04	1.11	0.53	0.74	0.46	0.34
52	0.76	0.50	0.23	1.20	1.40	1.03
53	1.02	0.98	0.46	0.42	0.06	0.04
54	0.87	0.51	0.24	0.28	0.22	0.16
55	0.97	0.83	0.39	0.57	0.28	0.20
56	0.59	0.37	0.18	0.53	0.42	0.30
57	0.80	0.70	0.33	3.49	1.05	0.77
58	0.82	0.82	0.39	0.66	0.68	0.50
59	1.01	0.68	0.32	0.18	0.05	0.04
60	0.94	0.86	0.41	0.29	0.21	0.15
61	1.39	2.23	1.05	6.21	5.19	3.81
62	1.02	0.83	0.39	0.22	0.33	0.24
63	0.54	0.46	0.22	0.34	0.27	0.20
64	1.00	0.89	0.42	0.89	1.08	0.79
65	0.49	0.54	0.26	1.97	1.83	1.34
66	0.76	0.76	0.36	0.19	0.02	0.02
67	0.52	0.36	0.17	0.21	0.15	0.11
68	0.90	1.18	0.56	0.50	0.42	0.31
69	0.42	0.19	0.09	0.40	0.13	0.10
70	1.45	1.71	0.81	1.28	1.60	1.17
71	0.78	0.75	0.35	2.19	1.65	1.21
72	0.80	0.70	0.33	0.26	0.10	0.07
73	0.89	1.04	0.49	1.52	0.53	0.39
74	0.53	0.20	0.10	0.35	0.27	0.20
75	0.58	0.41	0.19	2.84	3.66	2.68
76	0.73	0.75	0.35	0.55	0.30	0.22
77	0.80	0.70	0.33	0.79	0.53	0.39
78	0.81	0.61	0.29	0.27	0.43	0.31
79	1.42	0.95	0.45	0.23	0.04	0.03
80	1.04	0.81	0.38	0.19	0.07	0.05

Yr	Total Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.23	0.09	0.04	0.08	0.03	0.02
2	0.59	0.15	0.07	0.54	0.14	0.10
3	0.63	0.16	0.07	0.57	0.12	0.09
4	0.68	0.16	0.08	0.62	0.19	0.14
5	0.73	0.18	0.08	0.77	0.28	0.20
6	0.74	0.19	0.09	0.76	0.13	0.09
7	0.83	0.23	0.11	0.94	0.28	0.20
8	1.12	0.44	0.21	0.79	0.10	0.07
9	1.12	0.60	0.28	1.19	0.41	0.30
10	1.14	0.46	0.22	0.94	0.17	0.12
11	1.20	0.40	0.19	1.32	0.49	0.36
12	1.32	0.55	0.26	0.91	0.12	0.08
13	1.18	0.19	0.09	1.48	0.45	0.33
14	1.58	0.66	0.31	0.85	0.12	0.09
15	1.26	0.63	0.30	1.97	0.94	0.69
16	1.31	0.61	0.29	2.22	1.13	0.83
17	1.14	0.62	0.29	1.10	0.52	0.38
18	1.23	0.55	0.26	1.14	0.38	0.28
19	1.36	0.78	0.37	1.46	0.47	0.34
20	1.30	0.52	0.25	1.09	0.31	0.23
21	1.95	2.08	0.98	3.21	0.62	0.45
22	1.30	0.60	0.28	0.87	0.12	0.08
23	0.98	0.31	0.15	0.79	0.14	0.10
24	1.35	0.71	0.33	0.85	0.20	0.15
25	1.33	0.63	0.30	1.56	0.64	0.47
26	1.71	0.73	0.34	1.38	0.54	0.40
27	2.21	0.97	0.46	0.97	0.12	0.09
28	1.56	0.79	0.37	1.13	0.31	0.23
29	1.18	0.43	0.21	3.17	1.89	1.39
30	2.17	0.86	0.41	0.94	0.11	0.08
31	2.12	1.11	0.53	2.65	1.37	1.00
32	1.62	0.62	0.29	1.09	0.30	0.22
33	1.41	0.52	0.25	1.63	0.52	0.38
34	1.20	0.53	0.25	1.93	1.36	1.00
35	1.32	0.49	0.23	0.90	0.17	0.13
36	1.07	0.23	0.11	1.45	0.55	0.40
37	1.21	0.72	0.34	1.73	0.77	0.56
38	1.55	0.35	0.17	0.92	0.16	0.12
39	1.10	0.48	0.22	2.03	1.52	1.11
40	2.01	0.66	0.31	1.37	0.55	0.40
41	3.00	2.12	1.00	4.55	3.07	2.25
42	1.83	0.95	0.45	1.04	0.66	0.48
43	0.93	0.28	0.13	2.09	1.14	0.84
44	1.29	0.35	0.17	0.93	0.15	0.11
45	1.26	0.42	0.20	0.97	0.30	0.22
46	1.21	0.73	0.35	1.28	0.43	0.32
47	0.98	0.28	0.13	1.01	0.12	0.09
48	1.78	0.75	0.36	0.92	0.17	0.12
49	1.24	0.65	0.31	1.77	0.64	0.47
50	1.37	0.62	0.29	0.98	0.16	0.11
51	2.15	1.49	0.70	1.98	0.86	0.63
52	1.73	0.66	0.31	1.96	1.29	0.95
53	1.79	1.06	0.50	1.17	0.15	0.11
54	1.68	0.67	0.32	1.02	0.33	0.24
55	1.78	0.86	0.41	1.62	0.44	0.32
56	1.45	0.37	0.17	1.29	0.30	0.22
57	1.64	0.82	0.39	4.23	1.09	0.80
58	1.57	0.83	0.39	1.42	0.73	0.53
59	1.78	0.75	0.36	0.90	0.12	0.09
60	1.73	0.99	0.47	0.99	0.30	0.22
61	2.47	2.64	1.25	7.66	5.78	4.24
62	1.77	0.89	0.42	0.87	0.38	0.28
63	1.33	0.50	0.24	1.07	0.20	0.15
64	1.80	0.95	0.45	1.64	0.95	0.70
65	1.29	0.64	0.30	2.66	1.72	1.26
66	1.52	0.88	0.42	1.06	0.22	0.16
67	1.28	0.47	0.22	1.14	0.21	0.15
68	1.70	1.18	0.56	1.24	0.41	0.30
69	1.20	0.27	0.13	1.21	0.18	0.13
70	2.19	1.71	0.81	1.99	1.53	1.12
71	2.13	1.58	0.75	3.28	2.02	1.48
72	1.57	0.74	0.35	1.00	0.14	0.10
73	1.80	1.15	0.54	2.54	0.43	0.32
74	1.29	0.33	0.16	1.07	0.36	0.26
75	1.46	0.48	0.23	3.58	3.56	2.61
76	1.76	0.99	0.47	1.60	0.71	0.52
77	1.69	0.66	0.31	1.56	0.41	0.30
78	1.57	0.67	0.32	1.00	0.39	0.29
79	2.22	0.96	0.45	1.18	0.23	0.17
80	1.79	0.88	0.41	0.90	0.20	0.15

Yr	Annual Required Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.17	0.00	0.00	0.25	0.08	0.03
2	1.54	0.00	0.00	0.68	0.08	0.03
3	1.73	0.00	0.00	0.72	0.08	0.03
4	1.74	0.00	0.00	0.83	0.09	0.04
5	1.87	0.00	0.00	0.93	0.11	0.04
6	1.80	0.00	0.00	0.89	0.19	0.08
7	1.99	0.00	0.00	0.95	0.04	0.02
8	2.06	0.00	0.00	0.97	0.10	0.04
9	2.04	0.00	0.00	1.13	0.14	0.06
10	1.96	0.00	0.00	1.11	0.12	0.05
11	2.25	0.00	0.00	1.11	0.20	0.08
12	2.06	0.00	0.00	1.05	0.13	0.06
13	2.04	0.00	0.00	1.07	0.12	0.05
14	2.08	0.00	0.00	1.08	0.09	0.04
15	1.94	0.00	0.00	1.01	0.17	0.07
16	1.99	0.00	0.00	1.05	0.21	0.09
17	1.89	0.00	0.00	1.02	0.08	0.03
18	1.94	0.00	0.00	1.06	0.21	0.09
19	2.30	0.00	0.00	1.10	0.06	0.03
20	2.33	0.00	0.00	1.05	0.14	0.06
21	4.98	0.00	0.00	1.22	0.27	0.11
22	1.95	0.00	0.00	1.00	0.12	0.05
23	1.95	0.00	0.00	1.24	0.31	0.13
24	2.17	0.00	0.00	1.19	0.14	0.06
25	2.00	0.00	0.00	1.05	0.19	0.08
26	1.90	0.00	0.00	1.05	0.20	0.08
27	2.00	0.00	0.00	0.94	0.11	0.05
28	2.06	0.00	0.00	1.10	0.23	0.10
29	2.02	0.00	0.00	1.14	0.10	0.04
30	2.00	0.00	0.00	1.06	0.13	0.05
31	2.19	0.00	0.00	1.05	0.14	0.06
32	1.95	0.00	0.00	1.02	0.13	0.06
33	2.15	0.00	0.00	0.96	0.07	0.03
34	1.81	0.00	0.00	0.91	0.11	0.05
35	1.94	0.00	0.00	1.05	0.10	0.04
36	1.99	0.00	0.00	1.02	0.17	0.07
37	1.86	0.00	0.00	1.07	0.16	0.07
38	2.25	0.00	0.00	1.22	0.14	0.06
39	1.72	0.00	0.00	1.02	0.06	0.02
40	1.93	0.00	0.00	0.90	0.10	0.04
41	4.58	0.00	0.00	1.00	0.29	0.12
42	1.77	0.00	0.00	0.97	0.07	0.03
43	1.93	0.00	0.00	1.08	0.25	0.11
44	1.89	0.00	0.00	1.10	0.06	0.03
45	2.06	0.00	0.00	1.05	0.06	0.03
46	2.24	0.00	0.00	0.99	0.13	0.05
47	1.82	0.00	0.00	0.99	0.14	0.06
48	2.32	0.00	0.00	1.05	0.16	0.07
49	1.99	0.00	0.00	1.11	0.14	0.06
50	1.99	0.00	0.00	1.12	0.11	0.05
51	2.24	0.00	0.00	1.14	0.23	0.10
52	2.21	0.00	0.00	1.06	0.16	0.07
53	1.98	0.00	0.00	1.02	0.21	0.09
54	1.82	0.00	0.00	0.97	0.14	0.06
55	1.95	0.00	0.00	1.05	0.14	0.06
56	2.11	0.00	0.00	1.14	0.07	0.03
57	2.19	0.00	0.00	1.03	0.13	0.05
58	2.02	0.00	0.00	1.19	0.24	0.10
59	2.19	0.00	0.00	1.04	0.07	0.03
60	2.03	0.00	0.00	1.13	0.09	0.04
61	4.92	0.00	0.00	1.03	0.35	0.15
62	1.86	0.00	0.00	0.98	0.16	0.07
63	1.82	0.00	0.00	1.05	0.18	0.08
64	1.87	0.00	0.00	1.01	0.10	0.04
65	2.21	0.00	0.00	1.23	0.10	0.04
66	1.85	0.00	0.00	1.08	0.13	0.06
67	1.81	0.00	0.00	0.97	0.10	0.04
68	2.12	0.00	0.00	0.99	0.12	0.05
69	2.00	0.00	0.00	1.06	0.13	0.05
70	2.00	0.00	0.00	0.99	0.13	0.06
71	2.78	0.00	0.00	1.03	0.26	0.11
72	1.95	0.00	0.00	1.08	0.08	0.04
73	1.95	0.00	0.00	1.06	0.10	0.04
74	1.77	0.00	0.00	0.98	0.15	0.06
75	2.19	0.00	0.00	0.96	0.16	0.07
76	2.11	0.00	0.00	1.08	0.16	0.07
77	1.86	0.00	0.00	1.08	0.09	0.04
78	2.17	0.00	0.00	0.91	0.12	0.05
79	1.76	0.00	0.00	0.97	0.16	0.07
80	1.73	0.00	0.00	1.13	0.24	0.10

Yr	Major Component Replacement: Perm Buildings Mean	Perm Buildings SDev	Perm Buildings 90% +/-	Temp Buildings Mean	Temp Buildings SDev	Temp Buildings 90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.02	0.03	0.01
5	0.00	0.00	0.00	0.02	0.03	0.01
6	0.00	0.00	0.00	0.02	0.04	0.02
7	0.00	0.00	0.00	0.05	0.14	0.06
8	0.07	0.00	0.00	0.71	0.74	0.31
9	2.86	0.00	0.00	0.69	0.68	0.29
10	0.08	0.00	0.00	0.19	0.19	0.08
11	0.14	0.00	0.00	0.26	0.22	0.09
12	0.21	0.00	0.00	0.27	0.06	0.03
13	0.08	0.00	0.00	0.28	0.17	0.07
14	1.01	0.00	0.00	0.23	0.14	0.06
15	0.08	0.00	0.00	0.56	0.38	0.16
16	0.38	0.00	0.00	1.24	0.42	0.18
17	3.07	0.00	0.00	0.98	0.68	0.29
18	0.25	0.00	0.00	0.57	0.46	0.19
19	1.78	0.00	0.00	0.59	0.58	0.25
20	0.89	0.00	0.00	0.52	0.19	0.08
21	0.64	0.00	0.00	0.78	0.85	0.36
22	0.44	0.00	0.00	0.61	0.50	0.21
23	0.51	0.00	0.00	0.34	0.22	0.09
24	0.40	0.00	0.00	0.87	0.68	0.29
25	3.29	0.00	0.00	1.34	1.29	0.55
26	0.63	0.00	0.00	0.53	0.25	0.11
27	1.73	0.00	0.00	0.64	0.42	0.18
28	0.39	0.00	0.00	0.76	0.49	0.21
29	1.48	0.00	0.00	0.53	0.27	0.11
30	0.52	0.00	0.00	0.80	0.51	0.22
31	2.12	0.00	0.00	0.93	1.24	0.53
32	0.64	0.00	0.00	1.43	0.56	0.24
33	3.40	0.00	0.00	1.48	1.12	0.48
34	0.63	0.00	0.00	0.67	0.35	0.15
35	0.64	0.00	0.00	0.99	0.31	0.13
36	0.72	0.00	0.00	0.65	0.36	0.15
37	1.07	0.00	0.00	0.74	0.51	0.22
38	1.99	0.00	0.00	0.88	0.62	0.26
39	0.77	0.00	0.00	0.87	0.37	0.15
40	2.72	0.00	0.00	1.73	0.89	0.38
41	4.18	0.00	0.00	1.24	1.09	0.46
42	0.51	0.00	0.00	0.74	0.58	0.25
43	0.17	0.00	0.00	0.48	0.18	0.07
44	0.42	0.00	0.00	0.68	0.35	0.15
45	0.52	0.00	0.00	0.52	0.23	0.10
46	0.43	0.00	0.00	0.31	0.20	0.09
47	0.29	0.00	0.00	0.32	0.31	0.13
48	0.30	0.00	0.00	1.02	0.76	0.32
49	3.10	0.00	0.00	1.37	0.94	0.40
50	0.47	0.00	0.00	0.57	0.34	0.14
51	1.18	0.00	0.00	0.45	0.38	0.16
52	0.39	0.00	0.00	0.57	0.31	0.13
53	1.61	0.00	0.00	0.66	0.59	0.25
54	0.40	0.00	0.00	0.77	0.46	0.19
55	0.64	0.00	0.00	0.63	0.43	0.18
56	1.67	0.00	0.00	1.47	0.69	0.29
57	4.24	0.00	0.00	1.32	0.71	0.30
58	0.49	0.00	0.00	1.29	0.42	0.18
59	1.17	0.00	0.00	1.03	0.68	0.29
60	0.53	0.00	0.00	0.44	0.09	0.04
61	1.96	0.00	0.00	1.42	1.76	0.75
62	0.57	0.00	0.00	0.45	0.16	0.07
63	0.60	0.00	0.00	1.21	0.26	0.11
64	0.57	0.00	0.00	1.39	1.38	0.59
65	3.29	0.00	0.00	2.97	3.50	1.49
66	1.42	0.00	0.00	0.40	0.27	0.11
67	0.48	0.00	0.00	0.56	0.25	0.10
68	0.56	0.00	0.00	1.06	0.62	0.26
69	0.49	0.00	0.00	0.70	0.50	0.21
70	0.42	0.00	0.00	0.94	0.67	0.28
71	0.76	0.00	0.00	1.04	0.99	0.42
72	0.59	0.00	0.00	1.13	0.82	0.35
73	3.72	0.00	0.00	2.17	1.28	0.54
74	1.77	0.00	0.00	0.68	0.37	0.16
75	0.55	0.00	0.00	3.30	2.98	1.26
76	1.18	0.00	0.00	0.79	0.37	0.16
77	0.61	0.00	0.00	0.76	0.41	0.17
78	0.72	0.00	0.00	1.34	0.44	0.19
79	3.08	0.00	0.00	0.52	0.20	0.08
80	0.83	0.00	0.00	1.23	0.54	0.23

Yr	Total Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.17	0.00	0.00	0.25	0.08	0.03
2	1.54	0.00	0.00	0.68	0.08	0.03
3	1.73	0.00	0.00	0.72	0.08	0.03
4	1.74	0.00	0.00	0.85	0.07	0.03
5	1.87	0.00	0.00	0.95	0.08	0.03
6	1.80	0.00	0.00	0.91	0.19	0.08
7	1.99	0.00	0.00	1.00	0.13	0.05
8	2.12	0.00	0.00	1.68	0.80	0.34
9	4.91	0.00	0.00	1.82	0.77	0.33
10	2.04	0.00	0.00	1.30	0.21	0.09
11	2.39	0.00	0.00	1.37	0.40	0.17
12	2.26	0.00	0.00	1.32	0.12	0.05
13	2.12	0.00	0.00	1.35	0.29	0.12
14	3.10	0.00	0.00	1.31	0.21	0.09
15	2.02	0.00	0.00	1.57	0.52	0.22
16	2.37	0.00	0.00	2.29	0.52	0.22
17	4.96	0.00	0.00	2.00	0.65	0.28
18	2.19	0.00	0.00	1.64	0.57	0.24
19	4.09	0.00	0.00	1.68	0.57	0.24
20	3.21	0.00	0.00	1.56	0.21	0.09
21	5.62	0.00	0.00	2.00	1.04	0.44
22	2.39	0.00	0.00	1.61	0.41	0.17
23	2.46	0.00	0.00	1.58	0.43	0.18
24	2.58	0.00	0.00	2.05	0.57	0.24
25	5.30	0.00	0.00	2.39	1.36	0.58
26	2.52	0.00	0.00	1.58	0.44	0.19
27	3.73	0.00	0.00	1.58	0.34	0.15
28	2.45	0.00	0.00	1.86	0.69	0.29
29	3.50	0.00	0.00	1.68	0.34	0.14
30	2.52	0.00	0.00	1.86	0.59	0.25
31	4.31	0.00	0.00	1.98	1.38	0.59
32	2.59	0.00	0.00	2.46	0.48	0.20
33	5.54	0.00	0.00	2.44	1.12	0.48
34	2.43	0.00	0.00	1.58	0.41	0.17
35	2.58	0.00	0.00	2.04	0.27	0.11
36	2.71	0.00	0.00	1.67	0.43	0.18
37	2.93	0.00	0.00	1.81	0.63	0.27
38	4.24	0.00	0.00	2.10	0.70	0.30
39	2.49	0.00	0.00	1.89	0.32	0.14
40	4.65	0.00	0.00	2.63	0.87	0.37
41	8.76	0.00	0.00	2.23	1.37	0.58
42	2.28	0.00	0.00	1.71	0.59	0.25
43	2.39	0.00	0.00	1.56	0.35	0.15
44	2.30	0.00	0.00	1.79	0.38	0.16
45	2.58	0.00	0.00	1.57	0.23	0.10
46	2.67	0.00	0.00	1.29	0.24	0.10
47	2.11	0.00	0.00	1.30	0.33	0.14
48	2.62	0.00	0.00	2.07	0.92	0.39
49	5.09	0.00	0.00	2.48	0.99	0.42
50	2.46	0.00	0.00	1.69	0.41	0.18
51	3.42	0.00	0.00	1.58	0.57	0.24
52	2.60	0.00	0.00	1.63	0.38	0.16
53	3.59	0.00	0.00	1.68	0.39	0.17
54	2.23	0.00	0.00	1.74	0.52	0.22
55	2.59	0.00	0.00	1.68	0.55	0.23
56	3.77	0.00	0.00	2.61	0.68	0.29
57	6.43	0.00	0.00	2.35	0.79	0.34
58	2.51	0.00	0.00	2.48	0.54	0.23
59	3.36	0.00	0.00	2.07	0.71	0.30
60	2.36	0.00	0.00	1.56	0.16	0.07
61	6.88	0.00	0.00	2.45	2.04	0.87
62	2.43	0.00	0.00	1.42	0.29	0.12
63	2.42	0.00	0.00	2.27	0.23	0.10
64	2.45	0.00	0.00	2.39	1.36	0.58
65	5.50	0.00	0.00	4.20	3.48	1.48
66	3.27	0.00	0.00	1.48	0.34	0.15
67	2.29	0.00	0.00	1.53	0.33	0.14
68	2.68	0.00	0.00	2.05	0.66	0.28
69	2.50	0.00	0.00	1.76	0.58	0.25
70	2.42	0.00	0.00	1.92	0.75	0.32
71	3.54	0.00	0.00	2.07	1.16	0.49
72	2.54	0.00	0.00	2.21	0.83	0.35
73	5.67	0.00	0.00	3.23	1.35	0.57
74	3.54	0.00	0.00	1.65	0.47	0.20
75	2.73	0.00	0.00	4.26	3.08	1.31
76	3.29	0.00	0.00	1.87	0.41	0.17
77	2.47	0.00	0.00	1.84	0.43	0.18
78	2.89	0.00	0.00	2.25	0.34	0.15
79	4.84	0.00	0.00	1.49	0.31	0.13
80	2.56	0.00	0.00	2.36	0.43	0.18

Annual Required Maintenance

Yr	Para Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.14	0.07	0.02	0.16	0.07	0.02
2	0.54	0.33	0.11	0.50	0.17	0.04
3	0.57	0.34	0.11	0.51	0.18	0.04
4	0.61	0.37	0.12	0.58	0.22	0.05
5	0.62	0.36	0.12	0.60	0.24	0.06
6	0.68	0.36	0.12	0.58	0.22	0.05
7	0.71	0.41	0.14	0.61	0.24	0.06
8	0.72	0.40	0.13	0.67	0.30	0.07
9	0.75	0.39	0.13	0.67	0.26	0.06
10	0.76	0.40	0.13	0.68	0.26	0.06
11	0.85	0.41	0.14	0.69	0.28	0.07
12	0.73	0.40	0.13	0.69	0.27	0.07
13	0.74	0.40	0.13	0.68	0.31	0.08
14	0.74	0.43	0.14	0.65	0.23	0.06
15	0.77	0.40	0.13	0.70	0.27	0.07
16	0.81	0.41	0.13	0.71	0.31	0.08
17	0.72	0.39	0.13	0.65	0.23	0.06
18	0.68	0.42	0.14	0.63	0.22	0.05
19	0.82	0.39	0.13	0.74	0.29	0.07
20	0.76	0.45	0.15	0.73	0.25	0.06
21	1.02	0.51	0.17	0.77	0.40	0.10
22	0.69	0.42	0.14	0.71	0.25	0.06
23	0.71	0.46	0.15	0.70	0.26	0.06
24	0.84	0.35	0.12	0.70	0.25	0.06
25	0.73	0.44	0.14	0.71	0.29	0.07
26	0.85	0.44	0.14	0.70	0.30	0.07
27	0.74	0.44	0.15	0.65	0.25	0.06
28	0.79	0.44	0.15	0.66	0.24	0.06
29	0.77	0.43	0.14	0.68	0.27	0.07
30	0.69	0.38	0.13	0.65	0.28	0.07
31	0.87	0.41	0.13	0.67	0.30	0.07
32	0.70	0.39	0.13	0.64	0.22	0.05
33	0.75	0.38	0.13	0.66	0.23	0.06
34	0.72	0.36	0.12	0.64	0.24	0.06
35	0.73	0.44	0.15	0.63	0.25	0.06
36	0.72	0.40	0.13	0.68	0.25	0.06
37	0.75	0.44	0.14	0.74	0.30	0.07
38	0.73	0.38	0.13	0.69	0.29	0.07
39	0.69	0.42	0.14	0.65	0.25	0.06
40	0.68	0.37	0.12	0.65	0.23	0.06
41	0.91	0.44	0.14	0.72	0.38	0.09
42	0.70	0.46	0.15	0.64	0.20	0.05
43	0.70	0.38	0.13	0.65	0.23	0.06
44	0.69	0.45	0.15	0.69	0.24	0.06
45	0.72	0.42	0.14	0.69	0.24	0.06
46	0.91	0.44	0.15	0.65	0.26	0.06
47	0.80	0.36	0.12	0.65	0.23	0.06
48	0.84	0.45	0.15	0.63	0.25	0.06
49	0.77	0.43	0.14	0.69	0.29	0.07
50	0.73	0.39	0.13	0.68	0.24	0.06
51	0.97	0.49	0.16	0.75	0.33	0.08
52	0.76	0.40	0.13	0.71	0.29	0.07
53	0.73	0.41	0.14	0.65	0.23	0.06
54	0.72	0.41	0.13	0.65	0.24	0.06
55	0.77	0.46	0.15	0.73	0.34	0.08
56	0.76	0.41	0.13	0.70	0.26	0.06
57	0.79	0.42	0.14	0.67	0.24	0.06
58	0.69	0.43	0.14	0.66	0.25	0.06
59	0.72	0.42	0.14	0.68	0.28	0.07
60	0.70	0.40	0.13	0.68	0.24	0.06
61	1.00	0.44	0.15	0.73	0.44	0.11
62	0.66	0.40	0.13	0.65	0.23	0.06
63	0.67	0.43	0.14	0.66	0.24	0.06
64	0.72	0.42	0.14	0.66	0.22	0.05
65	0.69	0.38	0.13	0.69	0.23	0.06
66	0.72	0.39	0.13	0.71	0.30	0.07
67	0.70	0.40	0.13	0.67	0.29	0.07
68	0.74	0.43	0.14	0.64	0.24	0.06
69	0.72	0.40	0.13	0.66	0.24	0.06
70	0.74	0.45	0.15	0.67	0.24	0.06
71	0.95	0.43	0.14	0.67	0.28	0.07
72	0.72	0.44	0.15	0.67	0.23	0.06
73	0.75	0.42	0.14	0.72	0.31	0.07
74	0.71	0.40	0.13	0.66	0.26	0.06
75	0.79	0.41	0.13	0.64	0.24	0.06
76	0.90	0.52	0.17	0.67	0.27	0.06
77	0.74	0.42	0.14	0.68	0.28	0.07
78	0.72	0.39	0.13	0.63	0.27	0.07
79	0.73	0.42	0.14	0.63	0.24	0.06
80	0.69	0.38	0.12	0.70	0.29	0.07

Major Component Replacement

Yr	Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.01	0.01	0.00	0.00	0.01	0.00
5	0.03	0.04	0.01	0.00	0.01	0.00
6	0.00	0.00	0.00	0.02	0.02	0.00
7	0.05	0.15	0.05	0.29	0.18	0.04
8	0.19	0.22	0.07	0.60	0.28	0.07
9	0.75	0.75	0.25	0.58	0.31	0.08
10	0.08	0.17	0.06	0.36	0.15	0.04
11	0.15	0.15	0.05	0.19	0.12	0.03
12	0.28	0.38	0.12	0.16	0.14	0.03
13	0.39	0.54	0.18	0.13	0.06	0.01
14	0.68	0.71	0.23	0.24	0.15	0.04
15	1.20	0.72	0.24	0.57	0.34	0.08
16	0.43	0.40	0.13	0.74	0.28	0.07
17	1.03	0.86	0.28	0.81	0.36	0.09
18	0.36	0.49	0.16	0.70	0.27	0.07
19	1.29	0.76	0.25	0.83	0.68	0.17
20	0.64	0.80	0.26	0.53	0.28	0.07
21	0.55	0.38	0.12	0.52	0.47	0.11
22	0.31	0.35	0.11	0.38	0.36	0.09
23	0.54	0.57	0.19	0.55	0.40	0.10
24	0.26	0.25	0.08	0.71	0.32	0.08
25	1.20	0.91	0.30	0.81	0.55	0.13
26	0.59	0.69	0.23	0.62	0.21	0.05
27	1.24	1.15	0.38	0.36	0.21	0.05
28	0.43	0.53	0.17	0.33	0.22	0.05
29	2.79	2.85	0.94	0.55	0.36	0.09
30	1.20	0.73	0.24	0.52	0.47	0.11
31	1.79	1.76	0.58	1.06	1.66	0.41
32	0.73	0.99	0.33	1.08	0.38	0.09
33	1.11	0.85	0.28	1.08	0.59	0.14
34	0.57	0.71	0.23	0.77	0.38	0.09
35	0.46	0.64	0.21	0.78	0.32	0.08
36	0.34	0.25	0.08	0.46	0.23	0.06
37	1.11	0.62	0.20	0.87	0.70	0.17
38	0.80	0.74	0.24	0.66	0.40	0.10
39	0.40	0.46	0.15	0.70	0.30	0.07
40	1.40	1.39	0.46	1.29	0.52	0.13
41	1.55	0.81	0.26	1.25	0.85	0.21
42	0.31	0.32	0.11	0.59	0.49	0.12
43	0.56	0.68	0.22	0.31	0.20	0.05
44	0.69	0.50	0.16	0.41	0.29	0.07
45	0.49	0.58	0.19	0.35	0.28	0.07
46	0.29	0.43	0.14	0.32	0.18	0.04
47	0.33	0.30	0.10	0.46	0.20	0.05
48	0.28	0.32	0.11	0.73	0.30	0.07
49	1.10	0.93	0.31	0.85	0.56	0.14
50	0.27	0.32	0.11	0.57	0.24	0.06
51	0.68	0.67	0.22	0.51	0.50	0.12
52	0.83	0.84	0.28	0.28	0.10	0.02
53	1.07	0.90	0.30	0.45	0.28	0.07
54	0.76	0.88	0.29	0.38	0.49	0.12
55	1.19	0.69	0.23	0.87	0.68	0.17
56	0.63	0.56	0.18	1.36	0.57	0.14
57	3.77	2.65	0.87	1.23	0.52	0.13
58	0.83	0.58	0.19	1.05	0.40	0.10
59	1.56	1.11	0.37	0.68	0.49	0.12
60	0.45	0.41	0.13	0.48	0.13	0.03
61	2.02	1.98	0.65	1.06	1.99	0.49
62	0.47	0.73	0.24	0.53	0.54	0.13
63	0.50	0.60	0.20	0.74	0.31	0.08
64	0.74	1.16	0.38	0.95	0.44	0.11
65	1.33	0.90	0.30	1.07	0.54	0.13
66	0.70	0.65	0.22	0.51	0.21	0.05
67	0.58	0.80	0.26	0.33	0.22	0.05
68	0.41	0.49	0.16	0.46	0.48	0.12
69	0.43	0.57	0.19	0.42	0.53	0.13
70	0.40	0.59	0.19	0.23	0.20	0.05
71	2.15	1.62	0.53	1.28	1.76	0.43
72	0.84	0.51	0.17	1.20	0.49	0.12
73	2.22	1.24	0.41	1.40	0.75	0.18
74	0.95	0.92	0.30	0.96	0.47	0.12
75	0.54	0.72	0.24	0.60	0.22	0.05
76	1.06	0.90	0.30	0.67	0.48	0.12
77	0.57	0.62	0.21	0.51	0.19	0.05
78	0.53	0.64	0.21	0.67	0.26	0.06
79	1.67	1.57	0.52	0.66	0.36	0.09
80	0.53	0.64	0.21	0.89	0.34	0.08

Yr	Total Maintenance Perm Buildings Mean	SDev	90% +/-	Temp Buildings Mean	SDev	90% +/-
1	0.14	0.07	0.02	0.16	0.07	0.02
2	0.54	0.33	0.11	0.50	0.17	0.04
3	0.57	0.34	0.11	0.51	0.18	0.04
4	0.61	0.37	0.12	0.58	0.23	0.06
5	0.65	0.36	0.12	0.60	0.25	0.06
6	0.68	0.36	0.12	0.60	0.22	0.05
7	0.76	0.52	0.17	0.90	0.21	0.05
8	0.91	0.47	0.15	1.27	0.27	0.06
9	1.50	0.72	0.24	1.26	0.33	0.08
10	0.83	0.52	0.17	1.04	0.21	0.05
11	1.00	0.53	0.17	0.88	0.36	0.09
12	1.01	0.70	0.23	0.85	0.39	0.09
13	1.12	0.88	0.29	0.80	0.35	0.09
14	1.42	0.89	0.29	0.89	0.33	0.08
15	1.97	0.93	0.31	1.27	0.55	0.13
16	1.24	0.76	0.25	1.44	0.32	0.08
17	1.75	0.95	0.31	1.46	0.41	0.10
18	1.04	0.85	0.28	1.33	0.29	0.07
19	2.11	0.85	0.28	1.57	0.85	0.21
20	1.40	0.92	0.30	1.26	0.49	0.12
21	1.57	0.74	0.24	1.29	0.81	0.20
22	1.00	0.70	0.23	1.09	0.50	0.12
23	1.25	0.95	0.31	1.25	0.59	0.14
24	1.10	0.57	0.19	1.41	0.37	0.09
25	1.93	1.12	0.37	1.53	0.67	0.16
26	1.44	1.02	0.34	1.32	0.39	0.10
27	1.98	1.41	0.46	1.02	0.39	0.10
28	1.21	0.93	0.31	0.98	0.41	0.10
29	3.56	2.78	0.91	1.23	0.59	0.14
30	1.88	0.82	0.27	1.16	0.63	0.15
31	2.66	1.92	0.63	1.73	1.77	0.43
32	1.44	1.31	0.43	1.72	0.42	0.10
33	1.86	0.85	0.28	1.74	0.73	0.18
34	1.28	1.03	0.34	1.41	0.48	0.12
35	1.19	1.02	0.34	1.41	0.51	0.12
36	1.06	0.56	0.18	1.15	0.41	0.10
37	1.87	0.73	0.24	1.60	0.95	0.23
38	1.52	0.98	0.32	1.35	0.55	0.13
39	1.09	0.84	0.28	1.35	0.40	0.10
40	2.08	1.43	0.47	1.94	0.62	0.15
41	2.46	1.04	0.34	1.97	1.15	0.28
42	1.01	0.73	0.24	1.23	0.54	0.13
43	1.26	0.85	0.28	0.95	0.38	0.09
44	1.38	0.71	0.23	1.10	0.43	0.10
45	1.21	0.96	0.32	1.03	0.49	0.12
46	1.20	0.74	0.24	0.97	0.38	0.09
47	1.13	0.59	0.19	1.10	0.31	0.07
48	1.12	0.71	0.23	1.36	0.38	0.09
49	1.87	0.96	0.32	1.54	0.69	0.17
50	1.00	0.68	0.22	1.25	0.36	0.09
51	1.65	1.03	0.34	1.25	0.79	0.19
52	1.59	1.20	0.39	0.99	0.32	0.08
53	1.80	1.03	0.34	1.10	0.43	0.10
54	1.48	1.24	0.41	1.02	0.64	0.16
55	1.95	0.97	0.32	1.59	0.93	0.23
56	1.39	0.83	0.27	2.06	0.65	0.16
57	4.56	2.62	0.86	1.91	0.57	0.14
58	1.53	0.88	0.29	1.71	0.49	0.12
59	2.28	1.28	0.42	1.35	0.73	0.18
60	1.15	0.71	0.24	1.16	0.27	0.07
61	3.01	2.23	0.73	1.79	2.26	0.55
62	1.13	1.08	0.36	1.19	0.71	0.17
63	1.16	0.89	0.29	1.40	0.39	0.10
64	1.45	1.51	0.50	1.61	0.50	0.12
65	2.02	0.99	0.33	1.76	0.65	0.16
66	1.42	0.81	0.27	1.22	0.42	0.10
67	1.29	1.14	0.38	1.00	0.42	0.10
68	1.14	0.86	0.28	1.10	0.67	0.16
69	1.15	0.85	0.28	1.08	0.72	0.18
70	1.14	0.91	0.30	0.90	0.41	0.10
71	3.10	1.76	0.58	1.96	1.89	0.46
72	1.56	0.82	0.27	1.87	0.55	0.13
73	2.97	1.23	0.40	2.12	1.00	0.24
74	1.67	1.27	0.42	1.61	0.53	0.13
75	1.34	1.00	0.33	1.24	0.36	0.09
76	1.96	1.24	0.41	1.33	0.65	0.16
77	1.31	0.92	0.30	1.19	0.38	0.09
78	1.26	0.97	0.32	1.29	0.39	0.10
79	2.39	1.58	0.52	1.29	0.53	0.13
80	1.21	0.96	0.32	1.59	0.40	0.10

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