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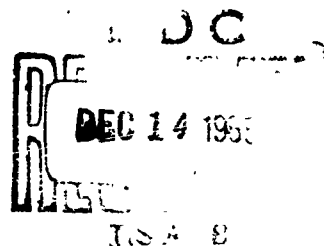
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STRUCTURAL REACTION PROGRAM NATIONAL SONIC BOOM STUDY PROJECT

APRIL 1965



SUPERSONIC TRANSPORT DEVELOPMENT
FEDERAL AVIATION AGENCY
WASHINGTON, D. C.

Prepared Under Contract FA-SS-65-12 by John A. Blume &
Associates Research Division, San Francisco, California.

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APPENDICES

Report on the National Sonic Boom Study
Structural Reaction Program

APRIL 1965

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Note

Building codes examined in this investigation included available codes for the following locations.

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Seattle, Washington
Dallas, Texas
Atlanta, Georgia
New Orleans, Louisiana

Baltimore, Maryland
New York, New York
Boston, Massachusetts
Chicago, Illinois
Denver, Colorado

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Table A-1

Selected Characteristics of New Non farm 1-Family Houses

1940, 1950, 1954, 1955, 1956
(Percent distribution of houses according to characteristic)

Characteristics	1940	1950	1954	1955	1956
Average floor area (sq. ft.)	1, 177	983	1, 140	1, 170	1, 230
TYPE OF HOUSE	(1)	(1)	*	*	100
Detached	(1)	(1)	*	*	97
Semidetached	(1)	(1)	*	*	1
Row	(1)	(1)	*	*	1
Unknown			*	*	1
NUMBER OF STORIES	100	100	*	*	100
1 story	67	86	*	*	87
Split level	*	*	*	*	6
Other	33	14	*	*	6
Unknown			*	*	1
FLOOR AREA (SQ. FT.)	*	*	100	100	100
Less than 800	*	*	18	7	5
800 to 999	*	*	20	22	17
1, 000 to 1, 199	*	*	24	30	31
1, 200 to 1, 499	*	*	19	26	26
1, 500 to 1, 799	*	*	10	7	10
1, 800 and over	*	*	7	5	9
Unknown	*	*	2	3	2
NUMBER OF BEDROOMS	*	100	100	100	100
2 bedrooms or less	*	66	34	23	21
3 bedrooms	*	33	58	68	70
4 bedrooms or more	*	1	5	6	8
Unknown	*		3	3	1
NUMBER OF BATHROOMS	100	100	*	*	100
1 bathroom	80	92	*	*	49
1 complete, 1 partial bathroom	12	4	*	*	20
2 complete bathrooms	7	3	*	*	21
More than 2 complete bathrooms	1	1	*	*	7
No bathroom	*	*	*	*	1
Unknown			*	*	2
BASEMENT	100	100	100	100	100
Full or partial basement	69	39	41	42	43
No basement	31	61	58	55	55
On slab	(2)	4	*	16	16
With crawl space	31	57	*	39	39
Unknown			1	3	2
UTILITY ROOM	*	100	*	100	100
With utility room	*	20	*	33	37
No basement	*	20	*	27	30
With basement	*	*	*	6	7
No utility room	*	20	*	27	30
Unknown	*		*	3	5
GARAGE FACILITIES	100	100	*	*	100
Garage	80	41	*	*	50
Carport only	(2)	6	*	*	17
No garage or carport	20	53	*	*	31
Unknown			*	*	2

Table A-1 (continued)

Characteristics	1940	1950	1954	1955	1956
EXTERIOR WALL CONSTRUCTION	100	100	100	100	100
Masonry	11	11	13	20	16
Brick	10	6	9	15	12
Other masonry	1	5	4	5	4
Frame	89	89	82	77	83
Brick facing	20	12	20	18	26
Brick and wood facing				8	7
Wood facing	43	43	31	29	24
Asbestos shingle facing	4	21	14	8	9
Stucco	15	11	12	14	14
Other facing	7	2			3
All other construction	*	*	3	1	(2)
Unknown			2	2	1
SHEATHING (FRAME HOUSES ONLY)	100	100	*	*	100
Sheathed	69	80	*	*	83
Wood plank	49	40	*	*	31
Plywood	1	4	*	*	7
Insulation board	14	23	*	*	32
Gypsum board	5	12	*	*	9
Other	(2)	1	*	*	4
Unsheathed	31	20	*	*	17
INTERIOR WALL CONSTRUCTION	100	100	*	*	100
Plaster	90	50	*	*	44
On gypsum lath	56	49	*	*	40
On metal or wood lath	34	1	*	*	4
Dry wall	10	50	*	*	55
Gypsum board	*	48	*	*	48
Other	*	2	*	*	7
Unknown			*	*	1
ROOFING	100	100	*	*	100
Shingles	83	92	*	*	84
Asbestos	*	*	*	*	7
Asphalt	47	82	*	*	66
Wood	36	10	*	*	11
Builtup	5	6	*	*	11
Other	12	2	*	*	3
Unknown			*	*	2
INSULATION: PERCENT OF ALL HOUSES WITH INSULATION IN:					
Ceiling	25	83	*	*	81
Walls	10	34	*	*	33
Perimeter	*	1	*	*	5
WINDOWS ABOVE BASEMENT, PREDOMINANT FRAME MATERIAL	100	100	100	100	100
Wood	91	69	63	57	57
Steel	9	22	18	16	11
Aluminum	*	5	17	24	29
Unknown			2	3	3
WINDOW SCREENS	100	100	*	*	100
With screens	89	62	*	*	77
Aluminum	1	8	*	*	56
Bronze	27	12	*	*	3
Copper	10	5	*	*	6
Galvanized steel	50	36	*	*	10
Other	1	1	*	*	(2)
Unknown material			*	*	2
No screens	11	38	*	*	23

Table A-1 (continued)

Characteristics	1940	1950	1954	1955	1956
DOOR SCREENS	100	100	*	*	100
With screens	89	45	*	*	70
Aluminum	1	2	*	*	46
Bronze	27	9	*	*	3
Copper	10	2	*	*	4
Galvanized steel	50	31	*	*	13
Other	1	1	*	*	1
Unknown material			*	*	3
No screens	11	55	*	*	30

* No data available

(1) Only single-family detached houses survey

(2) No cases reported, or less than 0.5%

APPENDIX B - TEST STRUCTURES

1. New Structures

Seven new test structures were built at the Oscura Range Camp (C-1 - Blockhouse; W-2 - Metal Lath; W-3 - Drywall; W-4 - Jackhouse; 2S-5 - Doubleddeck; PF-6 - Prefab; and Greenhouse). In addition, various types of storefront glass were installed along the complete 60 foot north wall of an existing structure called Storefront.

a. Design of the structures was carried out to agree with minimum provisions in the 1958 edition of the Uniform Building Code. While some slight departures from the original drawings were made during construction by the workmen, these departures were carefully noted by the inspector on site and incorporated into the drawings to reflect the as-built condition. It is stressed that this inspector was continuously present on the site during the construction period. He was instructed to note each phase of construction for inclusion in as-built drawings and to periodically take typical samples of all materials for later laboratory testing.

PF-6 was purchased in prefabricated panels from a Fort Worth, Texas manufacturer and erected on the

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site. The house model is known as Sportsman I and was purchased complete except for plumbing and electrical fixtures and connections.

The greenhouse was purchased as a package unit complete with glass of foreign manufacture. During the glazing of the greenhouse the glass was installed and secured in place by small wire brads located at two points along the bearing edges much as glass is installed in older greenhouses across the country. This procedure causes a stress concentration point where each of the nails bears on the glass to restrain movement.

The storefront was built in an existing metal building on the site (40 x 60 feet) modified by removing 60 lineal feet of side wall and installing 60 lineal feet of plate glass storefront construction. The plate glass, of various sizes, was mounted in fixed, flexible and resilient mountings.

Refer to the attached "as-built" drawings for detail of structures.

b. Description and photos of new construction:

C-1 - Blockhouse

Foundation: Concrete slab on grade, 2500 psi concrete with 6" x 6" / #10 x #10 welded wire fabric reinforcement.

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Exterior Walls: 8" x 8" x 16" Grade A, Concrete Blocks with Duro-wall reinforcement.

Interior Walls: 6" x 8" x 16" Grade A, Concrete Blocks with Duro-wall reinforcement.

Mortar: Lime rich mix and silica sand (1950 psi average compressive strength).

Roof Joists: 2 x 10 Douglas Fir at 24" ctrs.

Interior Finish: 2 coats gypsum plaster applied to expanded metal lath on ceiling. Base coat: extra fibered gypsum and washed silica sand 1:1-1/2 by volume, Finish coats: unfibered gypsum and washed silica sand.

Roof: 3/8 Plywood with 15-lb. mineral coated asphalt cap sheet.

Glass: Picture window 60" x 120" x 1/4" Solargray; casement windows 1/8" DSB; double hung windows 8 light and 2 light, 1/8" SSB; sliding door 7/32" B crystal sheet; doorlight 1/8" SSB; hermetically sealed 3' x 3' windows with 2 sheets 1/8" DSA.

W-2 - Metal Lath

Foundation: Concrete slab on grade, 2500 psi concrete with 6" x 6"/#10 x #10 welded wire fabric reinforcement.

Walls: 2 x 4 studs at 16" ctrs. Metal lath and 3 coat gypsum plaster on interior wall surfaces. Paper backed welded wire fabric (2" x 2"/#12 x #12) with stucco on exterior wall surfaces.

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Trusses: Roof trusses are gang nailed with 2 x 6 top chord, 2 x 4 bottom chord and 2 x 4 king post. Trusses were placed at 24" ctrs. Roof slope 2:12.

Ceiling: Metal lath and 3 coat gypsum plaster. Metal lath is attached to 1" x 4" furring strips at 16" ctrs which are nailed to underside of trusses.

Roof: 3/8 plywood with 15-lb. felt and 90-lb. mineral coated asphalt cap sheet.

Glass: Picture window 60" x 120" x 1/4" clear plate; casement windows 1/8" DSB; double hung windows 8 light and 2 light, 1/8" SSB; sliding door 7/32" B crystal sheet; doorlight 1/8" SSB; hermetically sealed 3' x 3' window with 2 sheets 1/8" DSA.

W-3 - Drywall

Foundation: Raised footing with interior concrete footings. 2500 psi concrete with #4 reinforcing bars.

Floor: 2 x 8 DF joists at 16" ctrs. with 5/8" CD plywood floor.

Walls: 2 x 4 DF studs at 16" ctrs. 1/2" thick gypsum sheetrock with taped joints on interior surfaces. Paper backed welded wire fabric (2" x 2" / #12 x #12) with stucco on exterior surfaces.

Trusses: Roof trusses are gang nailed with 2 x 6 top chord, 2 x 4 bottom chord and 2 x 4 king post. Trusses placed at 24" ctrs. Roof slope 2:12.

Roof: 3/8" plywood with 15-lb. felt and 90-lb. mineral coated asphalt cap sheet.

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Glass: Picture Window 60" x 120" x 1/4"
Solargray; casement windows 1/8"
DSB; double hung windows 8 light
and 2 light, 1/8" SSB; sliding door
7/32" B crystal sheet; doorlight
1/8" SSB; hermetically sealed 3'
x 3' windows with 2 sheets 1/8"
DSA.

W-4 - Jackhouse

Foundation: Raised footing with interior concrete footings. 2500 psi concrete with #4 reinforcing bars. Two diagonal corners of the footing were omitted to allow for placement of a screw jack to simulate settlement.

Floor: 2 x 8 DF joists at 16" ctrs. supported on footings and girders with 5/8" CD plywood floor.

Walls: 2 x 4 DF studs at 16" ctrs., 3/8" thick wood lath with two coat gypsum plaster on interior surfaces during Part "A". Wood lath and plaster removed and 3/8" thick perforated gypsum plasterbase with two coat gypsum plaster installed for Part "B". Exterior wall surfaces were 1 x 8 redwood bevel edge siding throughout the tests.

Trusses: Roof trusses are gang nailed with 2 x 6 top chord, 2 x 4 bottom chord and 2 x 4 king post. Trusses placed at 24" ctrs. Roof slope 2:12.

Roof: 3/8" plywood with 15-lb. felt and red cedar shingles, clear and better, 16" x 3/8" butt, 6" to weather.

Glass: Picture window 60" x 120" x 1/4" clear plate; casement windows 1/8" DSB; double hung windows 8 light and 2 light, 1/8" SSB; sliding door 7/32" B crystal sheet; doorlight 1/8" SSB; hermetically sealed 3' x 3' windows with 2 sheets 1/8" DSA.

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2S- - Doubledeck

Foundation: Raised footing with interior concrete footings and continuous raised concrete footing under interior bearing wall. 2500 psi concrete with #4 reinforcing bars.

Floor: 1st Floor - 2 x 8 DF joists at 16" ctrs. with 5/8" CD plywood flooring.
2nd Floor - 2 x 12 DF joists at 24" ctrs. with 5/8" CD plywood flooring.

Walls: 2 x 4 DF studs at 16" ctrs. 3/8" thick wood lath with two coat gypsum plaster on interior surfaces. During Part "A" tests the exterior surfaces had brick veneer to the first floor top plate line and 1" x 8" redwood bevel edge siding on the second floor exterior surface. For Part "B" tests the brick veneer was removed and replaced with the 1" x 8" redwood bevel siding and a brick fireplace with chimney was built into the opening formerly used for the sliding glass door.

Trusses: Roof trusses are gangnailed with 2 x 6 top chord, 2 x 4 bottom chord and 2 x 4 king posts. Trusses placed at 24" ctrs. Roof slope 2:12.

Roof: 3/8" plywood with 15-lb. felt and red cedar shingles, clear and better, 16" x 3/8" butt, 6" to weather.

Glass: Picture windows 60" x 120" x 1/4" Solargray on 1st Floor and clear plate on 2nd Floor; casement windows 1/8" DSB; double hung windows 8 light and 2 light, 1/8" SSB; sliding door 7/32" B crystal sheet; doorlight 1/8" SSB; hermetically sealed 3' x 3' windows with 2 sheets 1/8" DSA; sliding window 1/8" DSB.

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PF-6 - Prefab

Foundation: Concrete slab on grade. 2500 psi concrete with 6" x 6"/#10 x #10 welded wire fabric reinforcement.

Walls: Prefabricated panels with 2 x 4 hemlock studs at 16" ctrs. 1/2" gypsum sheetrock applied to interior surfaces for Part "A" test. Sheetrock was removed and replaced with 3/8" thick perforated gypsum plasterbase with two coat gypsum plaster for Part "B" tests. Exterior wall surfaces were covered with 3/8" unfinished cedar plywood, staple gun applied.

Trusses: Prefabricated wood Fink-type trusses with glued and nailed plywood gussets. Chords and web members are 2 x 4 Douglas Fir with the trusses placed at 24" ctrs.

Roof: 1/2" plywood, 15-lb. felt and 210-lb. grade C asphalt square tab shingles.

Glass: Factory glazed sash 1/8" SSA and DSB.

G-7 - Greenhouse

Foundation: 9' x 12' Concrete strip footing on grade. Normally this structure would be placed on a concrete slab but the slab was not thought necessary for test purposes.

Frame: Precut mortised and rabbetted redwood.

Glazing: 1/8" single strength and double strength glass held in place with wire brad finishing nails.

S-8 - Storefront

Foundation: Existing slab on grade.

Structure: Existing on site. Parkersburg prefabricated metal building 40 x 60 foot in plan.

Modification: Remove metal panels on north wall and install various types of storefront construction utilizing 1/4" plate glass in various sizes and three types of glass mountings: fixed, flexible and resilient.

Glass: Storefront windows A, B, C are 5'3" x 10'8" clear 1/4" plate except for B which is Solargray plate; windows D and E are 7'6" x 10' clear 1/4" plate; windows F, G, H are 5' x 9'6" clear 1/4" plate; window I is 5' x 9'6" clear 3/8" plate. Four windows (4'2" x 6'10") with 6 panes of wiremesh glass in each and 11 windows (4' x 3'6") with 4 panes of wire mesh glass in each window remained during tests.

2. Old Structures (existing)

- a) Pump House - located 100 feet north of W-4 is a wood frame building on concrete slab 8'4" x 10'5". Exterior finish is asbestos shingles with no interior finish and has a gable roof with mineral surfaced asphalt roll roofing. The west wall has one 3'3" x 3'3" window with 12 panes, two of which were broken. This structure houses a deep well pump and a well reported to be 600 feet deep.
- b) Wash House - located 100 feet north of W-4 on centerline of site is a wood frame structure 6'3" x 8'4" on a concrete slab. Exterior finish is asbestos shingle with no interior finish. There are two windows

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2'2" x 2'2" with 6 panes in each. One of the windows was boarded up.

- c) Radar Building - located 800 feet southwest of 2S-5 is a concrete frame structure with 8" concrete block filler walls. It has a raised concrete slab floor and an 8" concrete slab roof with added concrete beams to support radar antennae loads. The interior walls are plastered and are non-load bearing. Windows are: 1 window 5' x 1'3" with 2 panes glass; 2 windows 5' x 3' with 1 pane glass; 1 window 4'6" x 2'6" with 2 panes glass; 1 window 5' x 2'6" with 2 panes glass; 2 windows 5' x 3' with 1 pane of hermetically sealed glass (2 panes separated by air space) 1 double door with 3 panes of glass each door; 1 single door with 3 panes glass each door; 1 single door with 3 panes of glass 1'3" x 2'10" each, and 2 double doors with 2 panes of 1' x 2'3" wire mesh reinforced glass in each door.
- d) Pump House - located next to Radar Building is 10' x 10'7" with 8 inch concrete block walls and a flat wood roof. The house has 1 window 4'6" x 1'3" with 2 panes of glass.
- e) Radar Shop - located 500 feet west of W-4 is a prefabricated metal building 40' x 24' with a concrete slab floor and the interior finished with sheetrock. There are seven windows 3'6" x 2'6" with 4 panes each window.
- f) Barracks Building (H-Building) - located 500 feet northwest of W-4 is an "H" shaped metal building made by Butler Manufacturing Co. with wings 20' x 100' and a cross wing 20' x 40' housing the latrine and boiler room. The structure is placed on a concrete slab and is finished on the interior with sheetrock walls and suspended sheetrock ceiling. The shower room has ceramic tile floor and walls with the wall tile attached by adhesive. There are 49 windows 2'6" x 3'2" with four panes each, some of which are wire

mesh reinforced glass. There are four double doors with two 2'1" x 2'8" panes in each door and one single door with a 2'1" x 2'8" window divided into two panes. See drawings.

- g) Communications Building - located 4000 feet west of W-4 is a concrete frame structure with concrete block filler walls and concrete slab floor. The structure has a reinforced concrete slab roof to support microwave antennae. There are three windows 4'8" x 3'6" with three panes, two windows 4'8" x 4'8" with 4 panes, one window 4'8" x 2'4" with two panes and two doors with three panes 1'3" x 3'. All glass is wire mesh reinforced. This structure is active and houses telephone switchgear for the Range.
- h) 366th TAC Building and Towers - located 5 miles northwest of the site is a prefabricated 30' x 60' metal (Mestex) building erected on a concrete slab. The north half of the building is set aside for office use and is finished on the interior with sheet-rock on the walls and a suspended sheet-rock ceiling. There are eight windows 5' x 4' with four panes each, four windows 2' x 2' with two panes each, and three doors with two each 1'6" x 2' wire mesh reinforced glass panes. The structure also has a 250-gallon butane tank and a 3-ton air conditioner mounted on exterior concrete slabs. In addition there are two 40-foot wood pole towers nearby with glass-enclosed cabs used by the 366th Range control officers. The 9' x 9' cabs are glazed with heat-absorbing plate glass.
- i) Phillips Hill Radar - located approximately 3-1/2 miles southwest of the site is a 29' x 66' reinforced concrete building having concrete block filler walls, floor slab on grade, and a concrete slab roof. It is similar to the Communications Building noted above.

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- j) Abandoned Ranch House - located 2-1/2 miles east of the site is a 30' x 34' wood frame house with stucco exterior, interior sheet-rock walls and ceiling, raised wood floor, wood frame gabled roof with corrugated iron roofing and a 6' x 16'4" screen-covered porch. Windows are: five 2' x 4'7", 8 panes, screen covered, double hung, wood frame; five 2' x 4'7", 2 pane, screen covered, double hung, wood frame; four 2'8" x 2'9", 2 pane, double hung wood frame; and one double window with 21" x 24" panes. The house is in a general state of extreme disrepair having been abandoned for many years.

Outbuildings with the abandoned ranch are:

- 1) Storage House and Storm Cellar - 8'7" x 12'6" made of concrete block with wood frame floor and corrugated iron roofing.
- 2) Chicken House and Feed Storage - 22' x 7'8" made of concrete block with stucco exterior and interior with concrete slab floor and corrugated iron roofing.
- 3) Garage - 22' x 7'8" with room at rear of building has a wood frame structure with stucco on exterior and on the interior of the room. Stucco is unpainted.

- k) Withers' Ranch - located 4 miles east of the site is occupied by Mr. and Mrs. Withers. The house is part of the ranch headquarters complex with seven outbuildings and a large trailer home, however, the ranch house was the only structure observed. The ranch house is about 33' x 45' in plan with exterior walls of 8" concrete block. Interior walls are wood stud with sheetrock and a thin coat of plaster finish. Concrete block walls appear to be finished on the interior and exterior with a dash coat of

plaster and stucco respectively. The floor is wood and the ceiling is sheet-rock with rough-taped joints and a dash coat of plaster. The roof is corrugated metal as on many other structures in the area. Windows are steel casement type with muntins.

- 1) Helm's Ranch - located 6-1/2 miles east of the site is an occupied structure constructed of concrete with an addition of concrete block and with concrete slab floors. The roof is corrugated metal with interior stud walls and ceilings presumably plastered. The house has 12 double hung windows and 3 steel casement windows with a total glass area of approximately 115 square feet. The Helm's Ranch House had two original wood lath and plaster ceilings and plaster over the formed concrete and block walls. This house is basically two structures, one old (circa 1920), and one new (1960). The original section combines formed concrete walls (stucco exterior and plaster interior), wood lath and plaster ceilings, wood floors, wood sash and a corrugated steel roof. A living room with fireplace, kitchen, pantry and small bedroom comprise the rooms in this section. The new area includes two bedrooms and a bath. The construction is light weight concrete block exterior walls, wood stud and drywall interior partitions and drywall ceilings. The block is stuccoed on the exterior and plastered on the interior. Windows are steel framed.
- a) Other structures and equipment subjected to test sonic booms include:

- 1) Communications Building area:

8' x 10" metal building with 9' walls; 3 windows 3' x 3', 4 panes in each. 5-KVA pole-mounted transformer. 1,000 feet northwest of Communications Building.

10' x 14' metal building on skids, 9'

walls. Evaporative cooler mounted on side. 200 feet west of Communications Building.

100 pairs of telephone lines on pole terminating underground 300 feet north-west of Communications Building.

Approximately 50 pairs of telephone lines on poles terminating underground 400 feet west of Communications Building.

One 10-KVA and one 15-KVA transformer mounted on 25' poles in area.

5,000-gallon upright water tank on concrete foundation in area. 1,000-gallon LP gas tank horizontal on concrete foundation in area.

Two fuel tanks 200 and 400 gallons on angle-iron frames in area.

Emergency generator on angle-iron frame in area.

One 6' x 8' and one 8' x 10' Butler Building on skids in area.

4-wheel trailer 8' x 20', electronic equipment with 5' parabolic dish antenna, operated by AVCO Corporation in area.

Two 7-1/2-ton air conditioners on angle-iron frames (mounted on Communications Building).

Seven VHF antennas of various types mounted on Communications Building.

2) Test Structure area:

One 25' and one 30' x 8' van type, 4-wheel trailers. Tracking type antenna mounted atop 30' trailer. Trailers contain radar. Equipment mounted on jacks on concrete pad. Trailers cable guyed.

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One portable air cooling device, electric motor with compressor, mounted on wood frame.

Air cooling device on wood frame with steel ducts.

One 5-gallon fuel tank on skids, one 200-gallon fuel tank on angle-iron frame.

Two 56.3-KVA generators and two 12-1/2-KVA generators on steel frames.

Galvanized water tank, vertical on 8' x 12' concrete slab.

Six-unit bank distributing transformer on concrete slab.

Air conditioner on concrete slab

Three 5-KVA pole-mounted transformers.

200-gallon LP tank on railroad cross-ties.

Evaporative cooler blower on angle tower and concrete piers.

One 10-KVA and two 5-KVA transformers and two 25-KVA and one 15-KVA transformers in general area of Operations Trailer, mounted on poles.

One 500-gallon LP tank on skids.

Three evaporative coolers on wooden frames.

Elevated tank 25' high mounted on a pipe frame and has an estimated 3,000-gallon capacity.

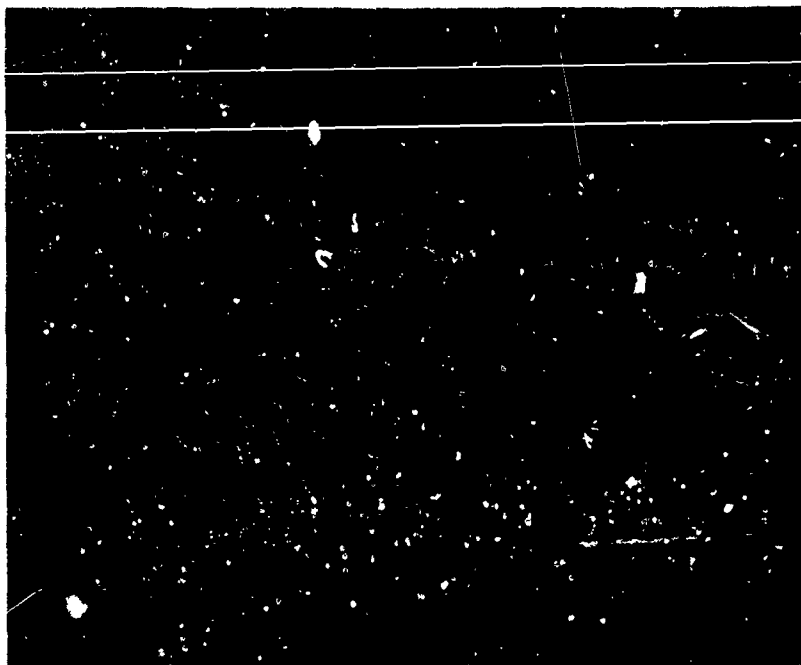


Fig. B1-1 Exterior View of Blockhouse, C-1

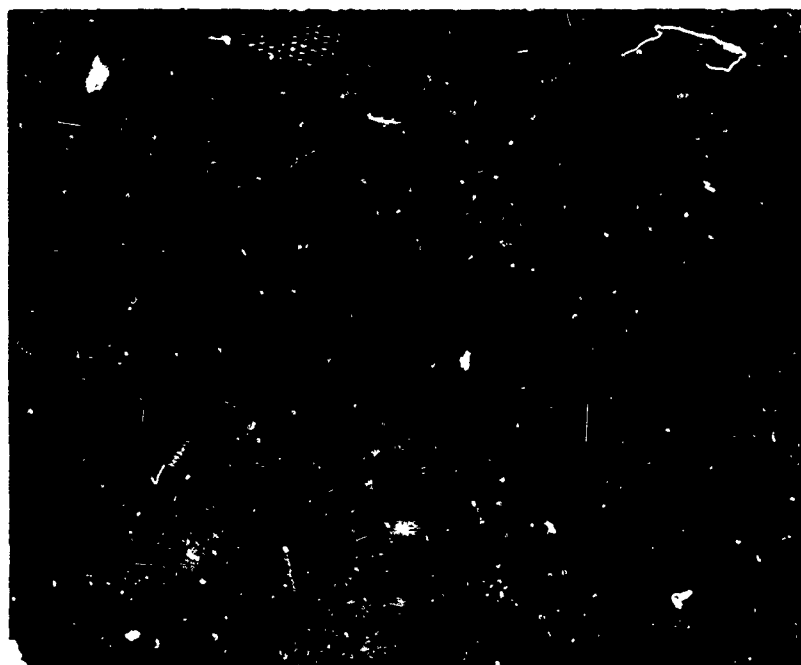


Fig. B1-2 Interior View of Blockhouse, C-1 Prior to Plastering. Note Use of Metal Lath Corner Reinforcement and 1" x 4" Furring Strips at 16" Ctrs.

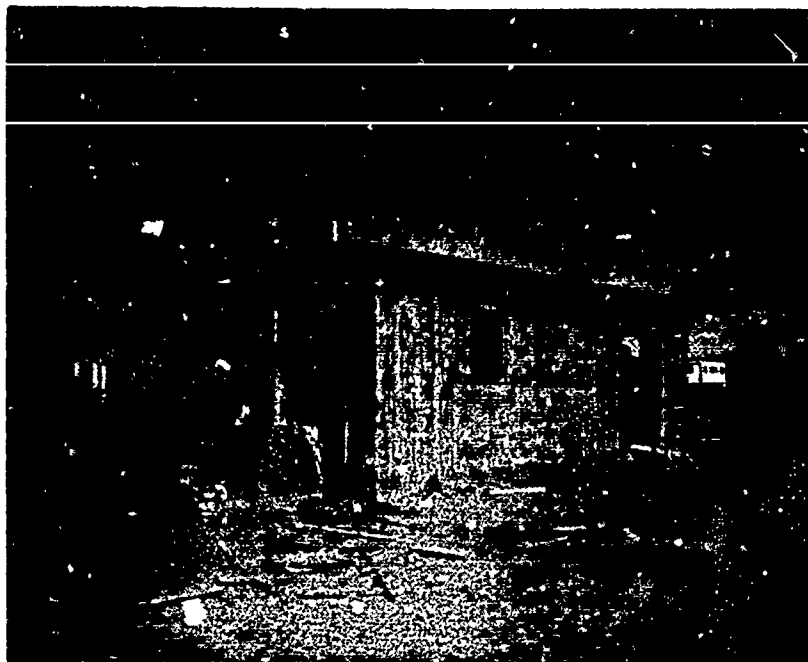


Fig. B1-3 Exterior View of Metal Lath, W-2. Note the Effect of Dry Winds on the Curing of the Basecoat of Stucco.

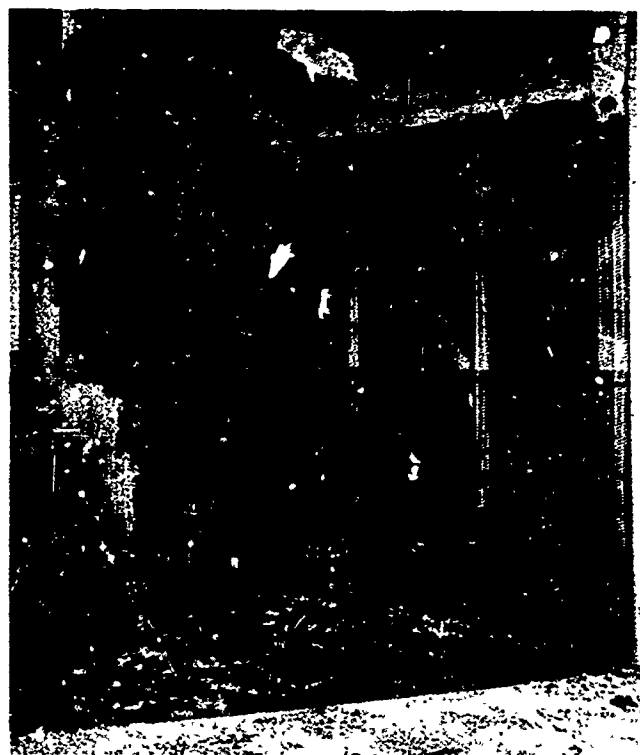


Fig. B1-4 Interior View of Metal Lath, W-2, Showing Lath and Plaster Application

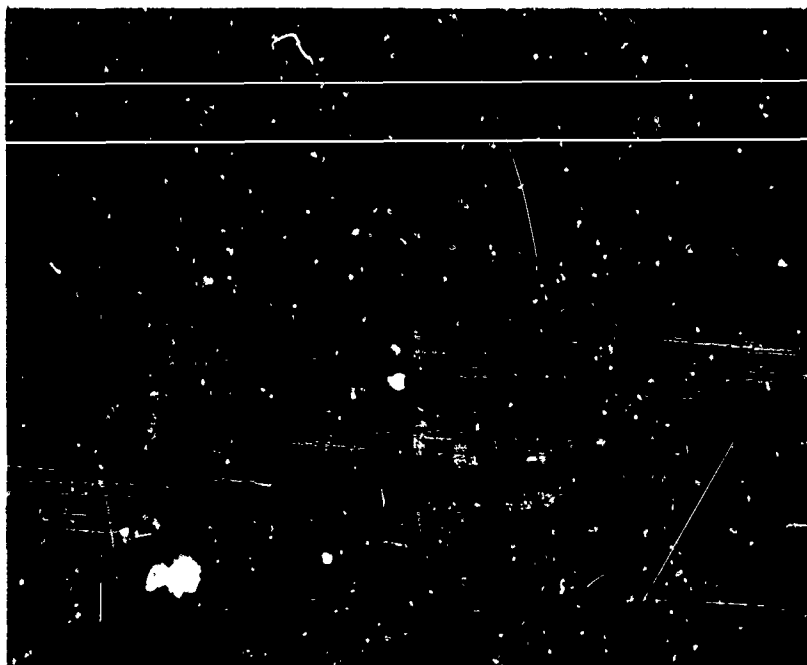


Fig. B1-5 Exterior View of Drywall, W-3 Prior to Application of Finish Coat of Stucco



Fig. B1-6 Interior View of Drywall, W-3 Prior to Application of 1/2" Thick Gypsum Sheetrock

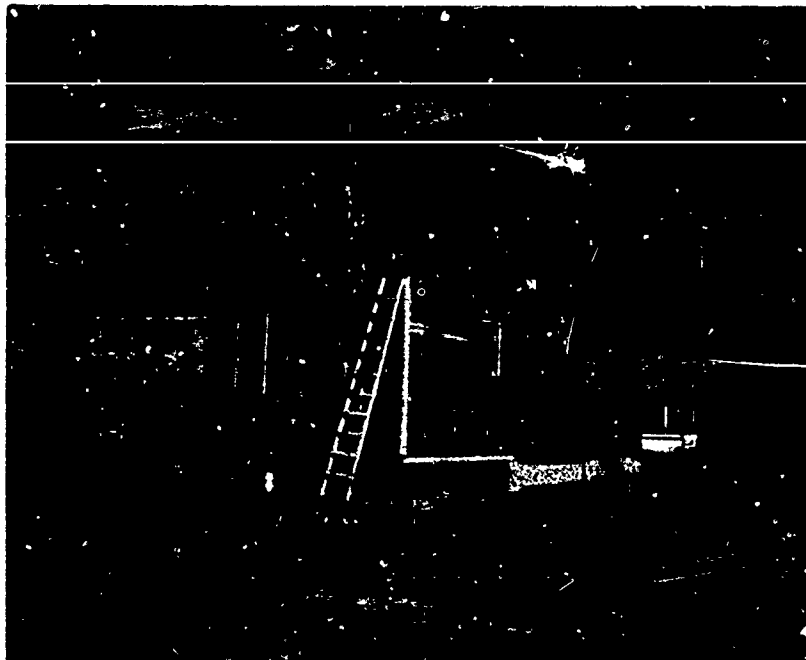


Fig. B1-7 Exterior View of Jackhouse, W-4. Note Post at Corner is Location of Future Screw Jack.

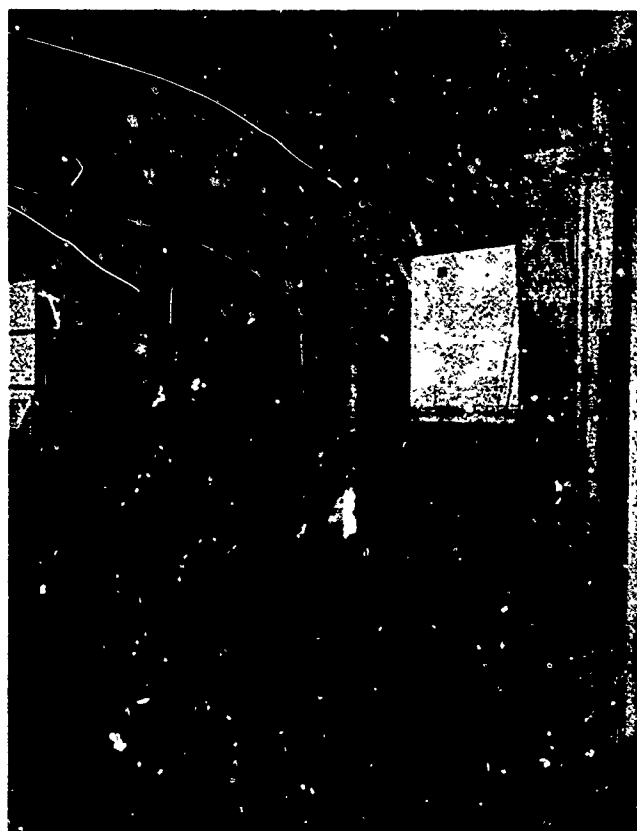


Fig. B1-8 Interior View of Jackhouse, W-4, Showing Application of Wood Lath

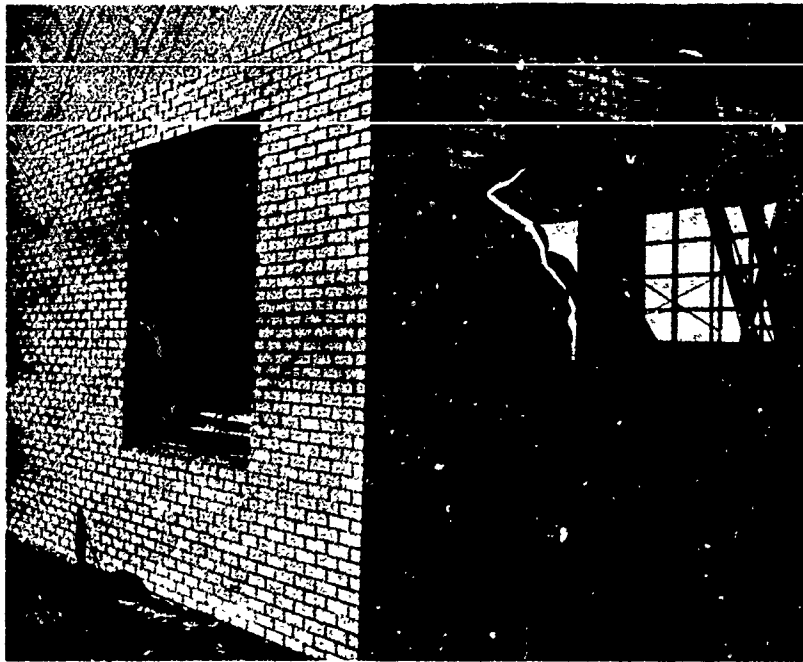


Fig. B1-9 Exterior View of Doubledeck, 2S-5, Showing Brick Veneer With Stacked Band and Common Bond. Flemish Band Section is Not Shown. Veneer is Tied to Sheathing With Ties at 12" Ctrs. Every Second Course

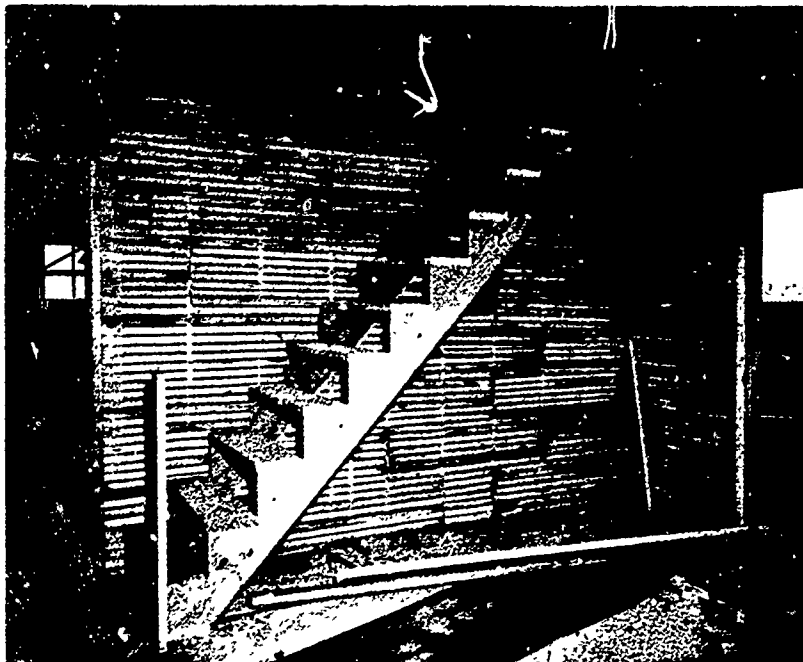


Fig. B1-10 Interior View of Stairs in 2S-5 and First Floor Lathing

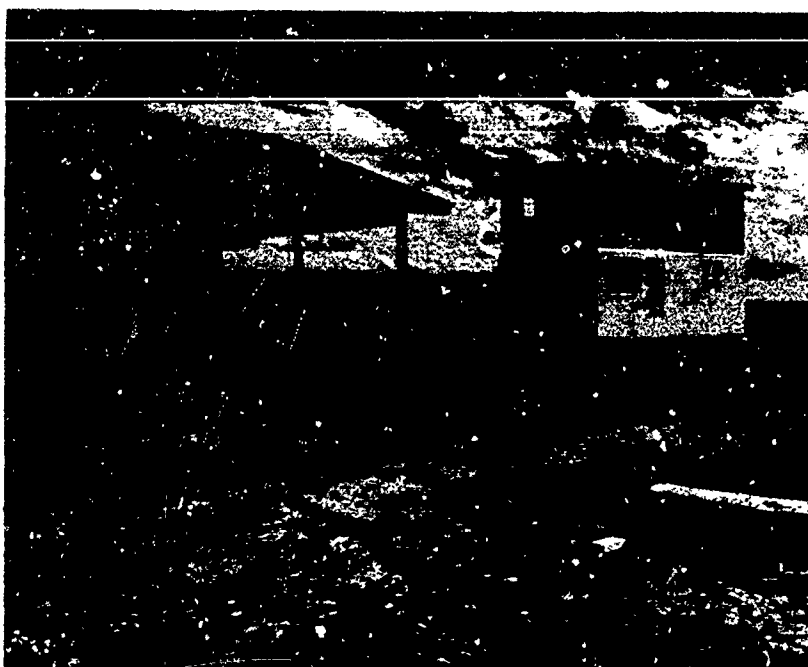


Fig. B1-11 Exterior View of Doubledeck, 2S-5, Prior to Part "A" Testing Showing the Brick Veneer

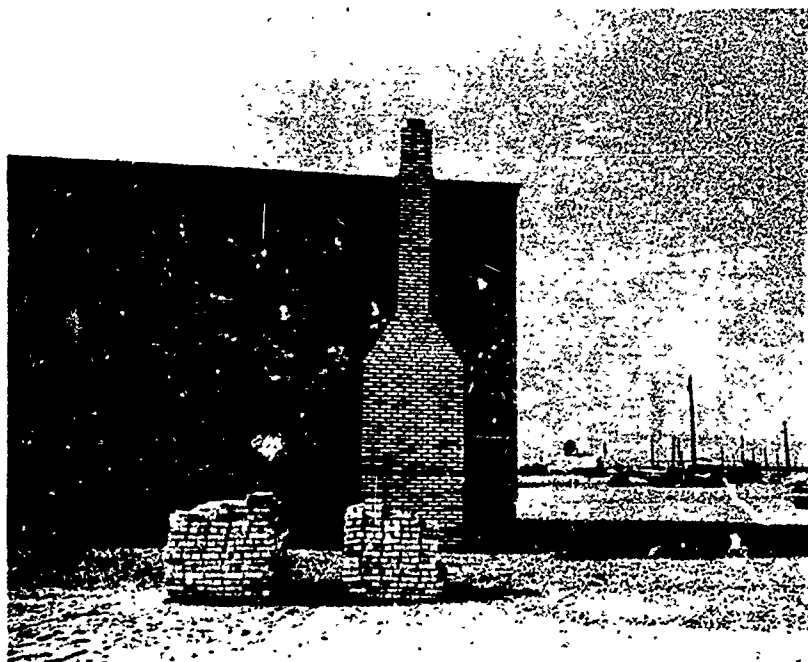


Fig. B1-12 Exterior View of Doubledeck, 2S-5, prior to Part "B" Testing. Note That Brick Veneer Has Been Removed and Replaced by Redwood Siding. Note Also the New Brick Fireplace and Chimney.



Fig. B1-13 Exterior View of Prefab, PF6. Note Use of Exterior Plywood Siding and Single Hung Aluminum Windows



Fig. B1-14 Interior View of PF-6 Showing the Sheetrock Application



Fig. B1-15 Exterior View of Greenhouse Prior to Glazing

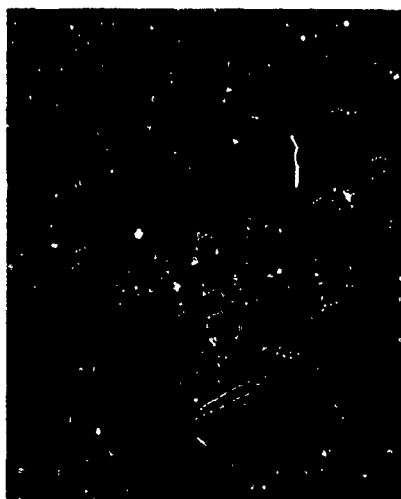


Fig. B1-16 View of Precut Members Before Glazing (Greenhouse)



Fig. B1-17 View After Glazing Greenhouse. Note Wire Brads Holding Glass

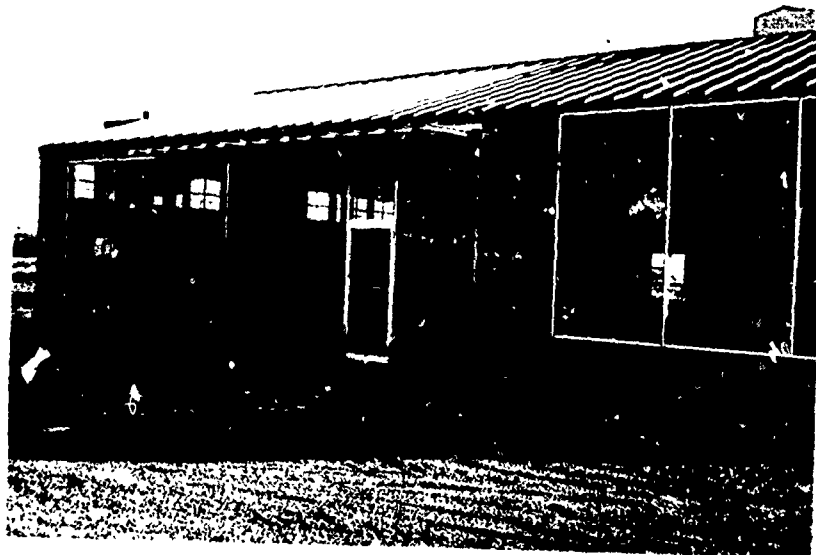


Fig. B1-18 View of Storefront With Glass in Place Prior to Sonic Boom Tests



Fig. B1-19 Aluminum Extrusions Used on the Storefront Note the Three Types of Mountings Used: Fixed, Flexible and Resilient.



Fig. B2-1 View of Withers' Ranch Headquarters Showing the Various Outbuildings



Fig. B2-2 Interior View of Withers' Living Room. Note Tape Joints on Ceiling Sheetrock.

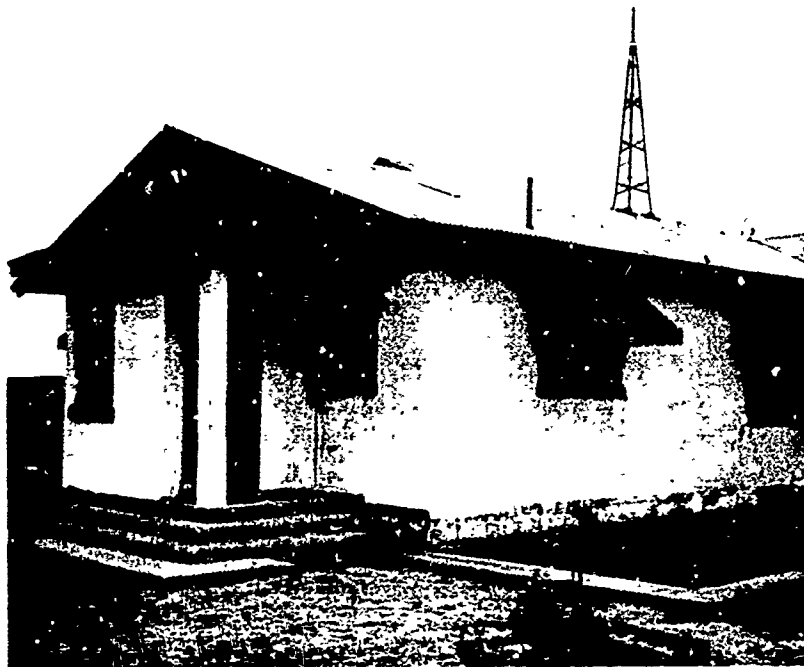


Fig. B2-3 Partial View of Exterior of Withers' Ranchhouse.
Note Block Wall Construction With Evidence of
Settlement.

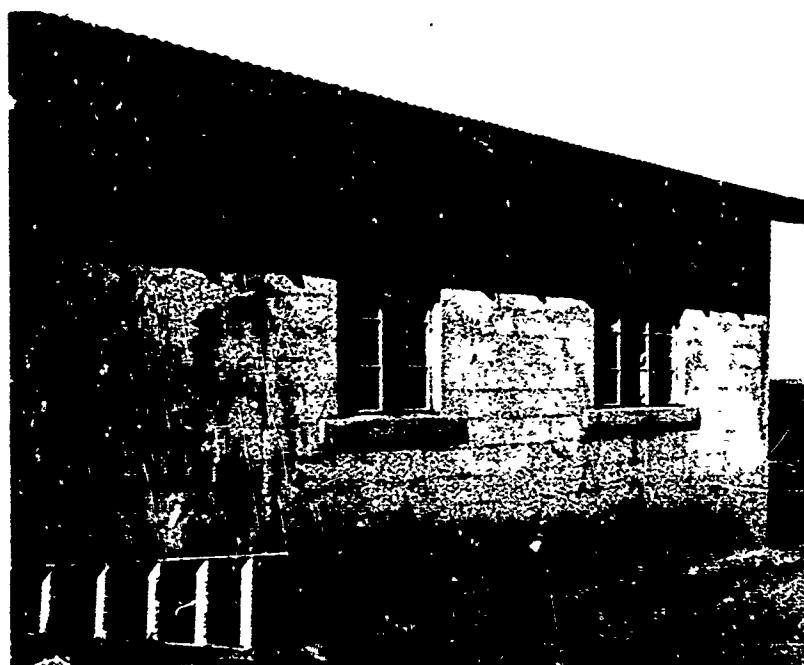
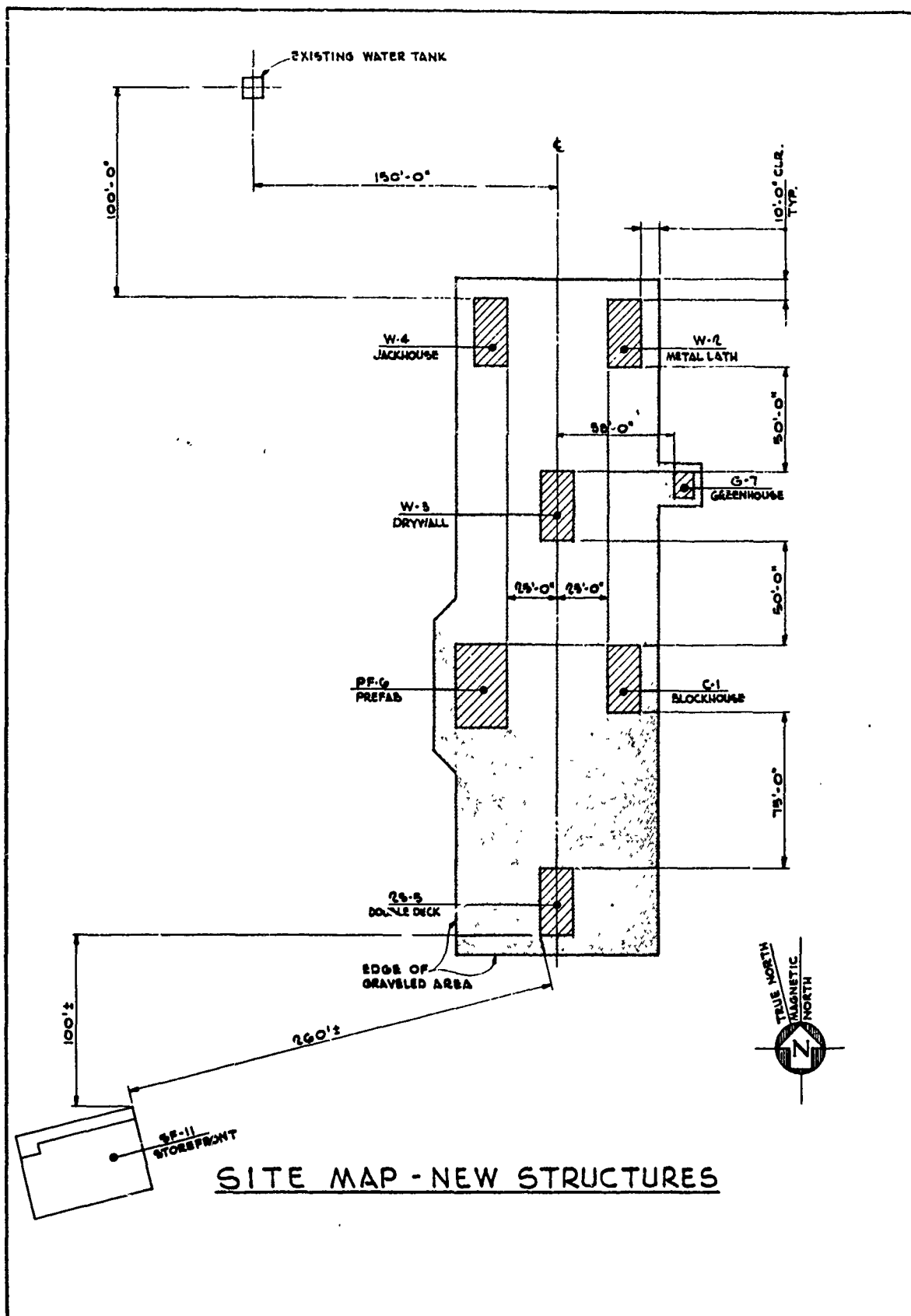
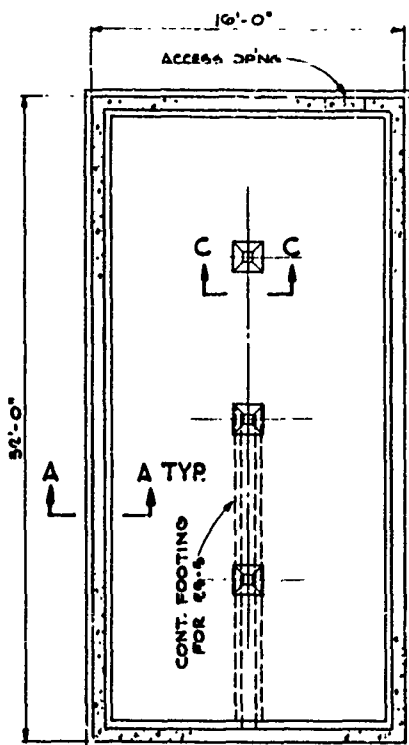


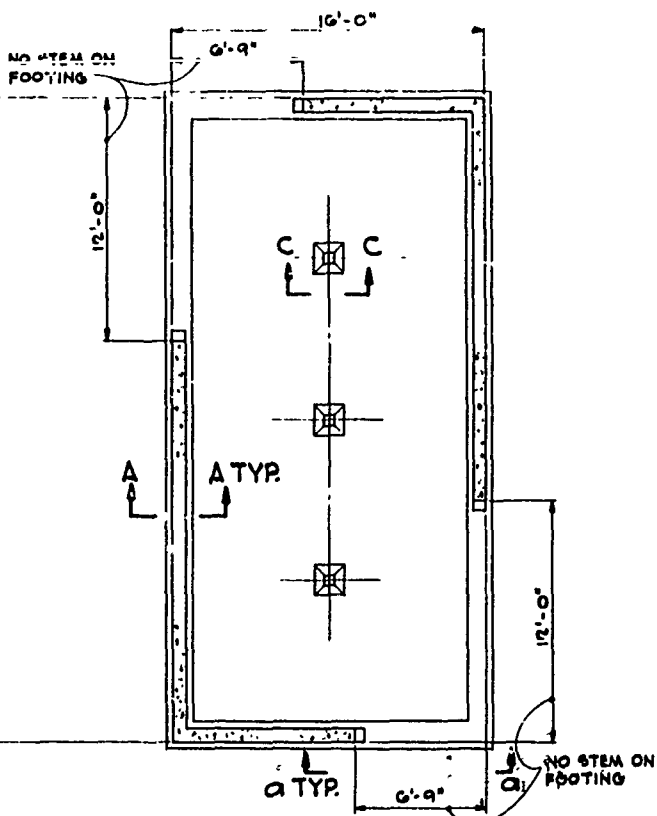
Fig. B2-4 Exterior View of Helms' Ranchhouse Showing the
Older Concrete Portion to the Left With the
Newer Concrete Block Addition to the Right



DWG B-1

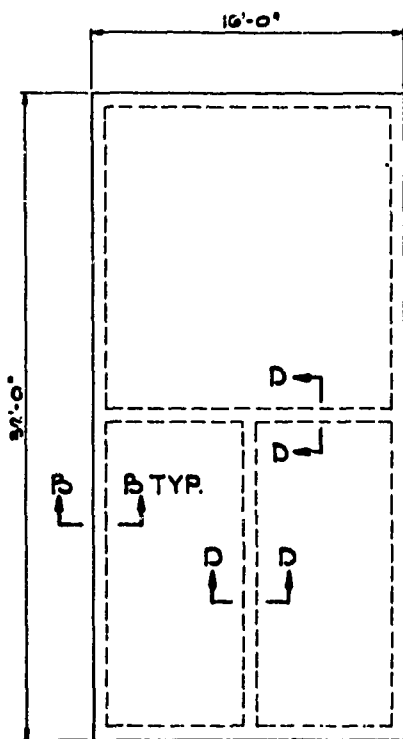


W-3 & 25-5

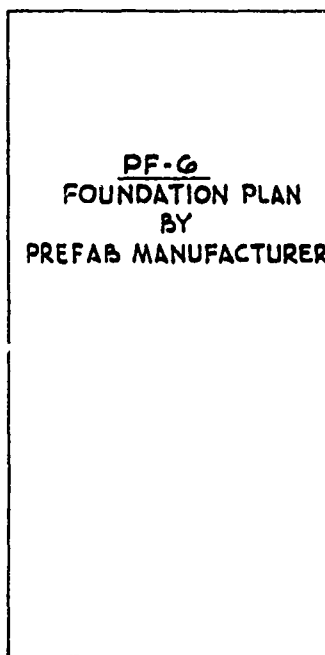


W-4

NOTE:
SEE DWG. B-4 FOR SECTIONS
CUT ON THIS SHEET



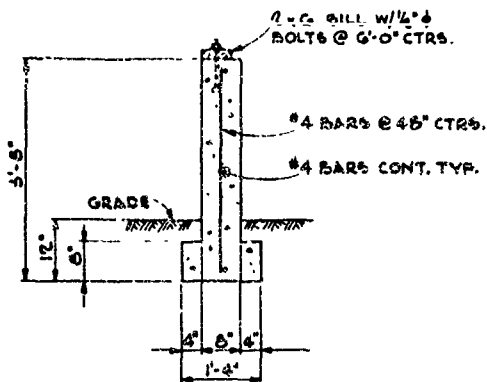
C-1 & W-2



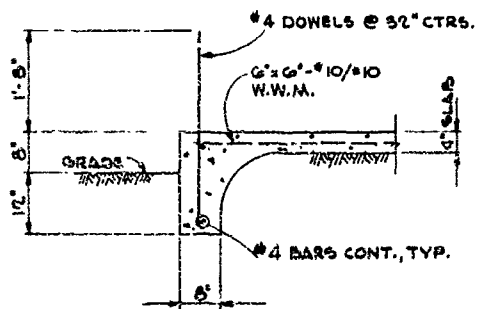
PF-6
FOUNDATION PLAN
BY
PREFAB MANUFACTURER

FOUNDATION PLANS

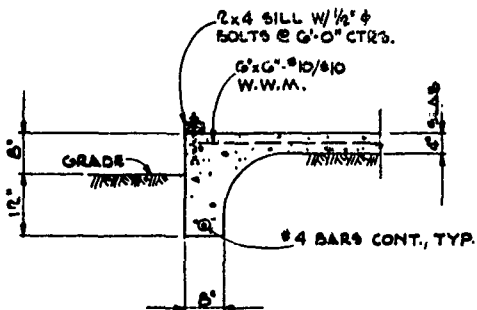
DWG B-2



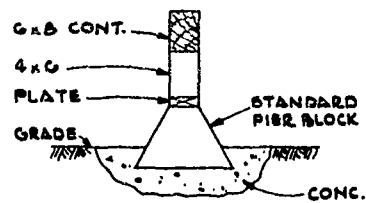
SECTION A-A



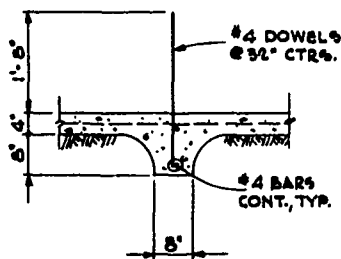
SECTION B-B FOR C-1



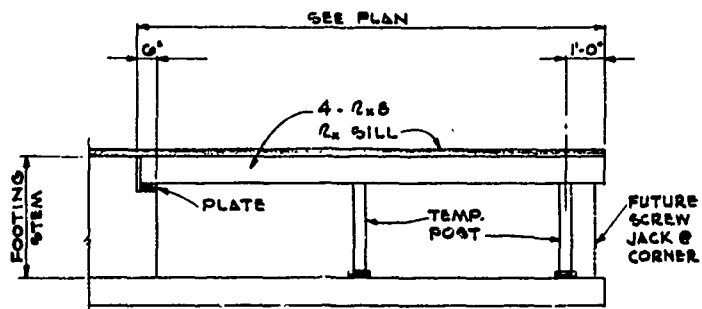
SECTION B-B FOR W-2



SECTION C-C



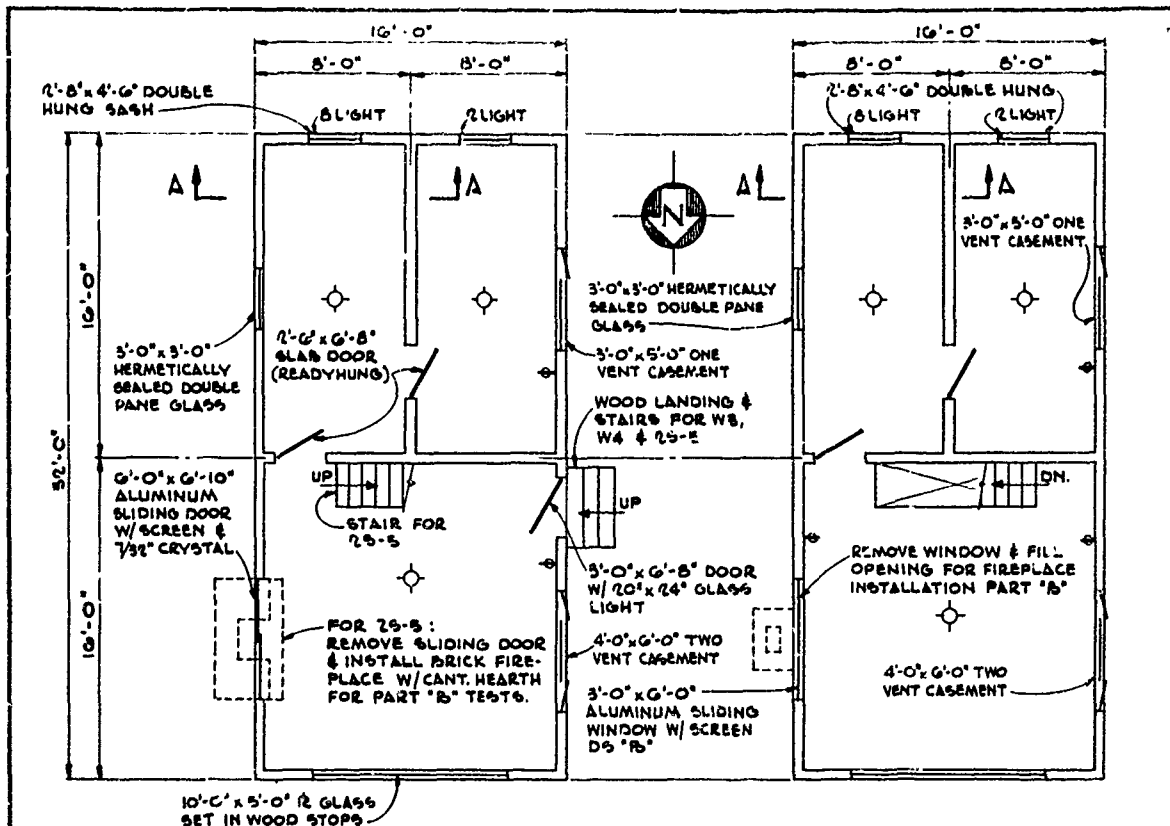
SECTION D-D



ELEVATION a-a

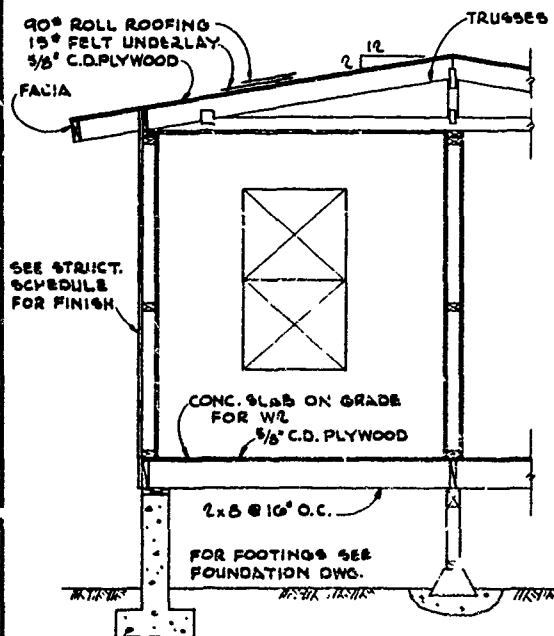
FOUNDATION DETAILS

NO SCALE

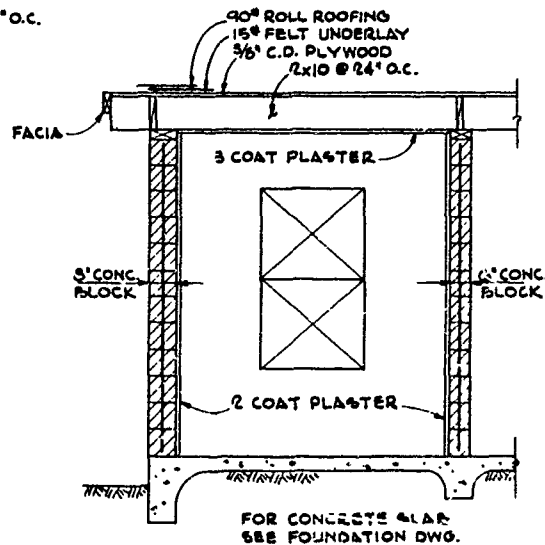


**GROUND FLOOR PLAN
FOR CI, W2, W3, W4, & 2S-5**

2ND FLOOR PLAN FOR 2S-5

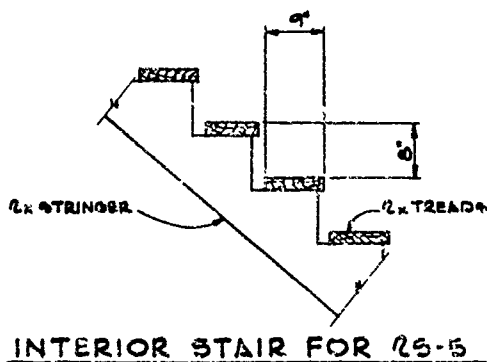
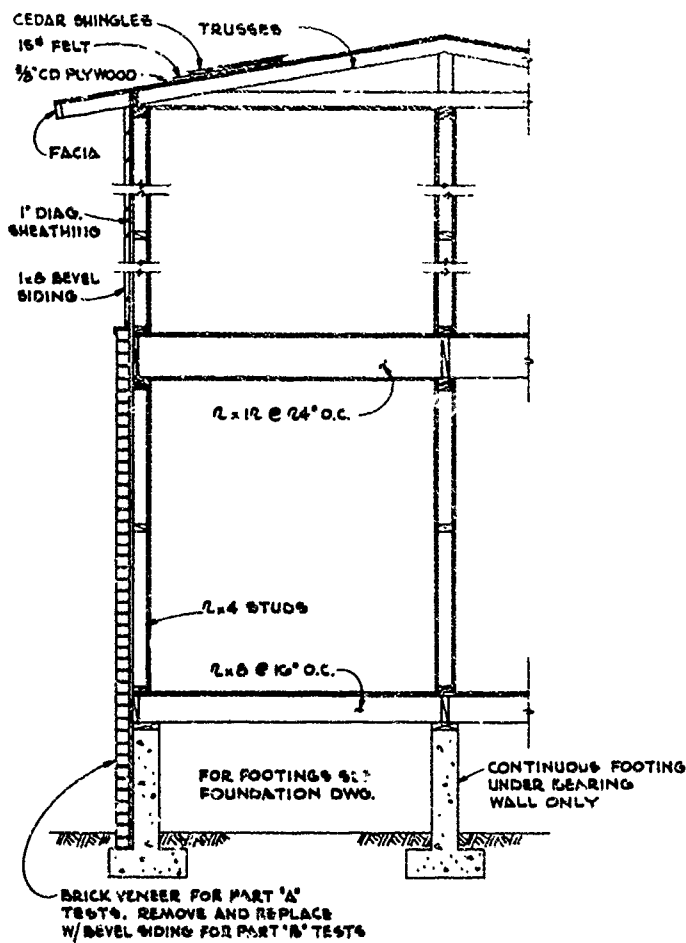


SECTION A-A FOR W2, W3 & W4



SECTION A-A FOR CI

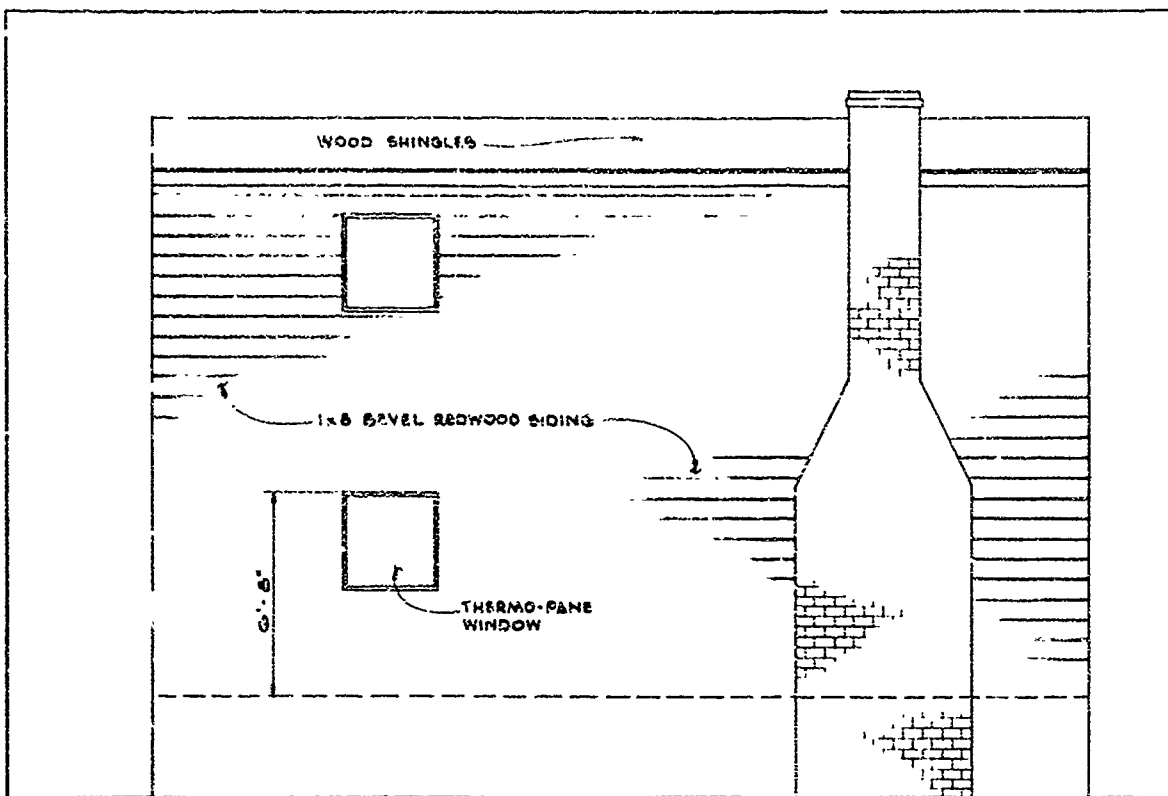
FLOOR PLANS AND SECTIONS



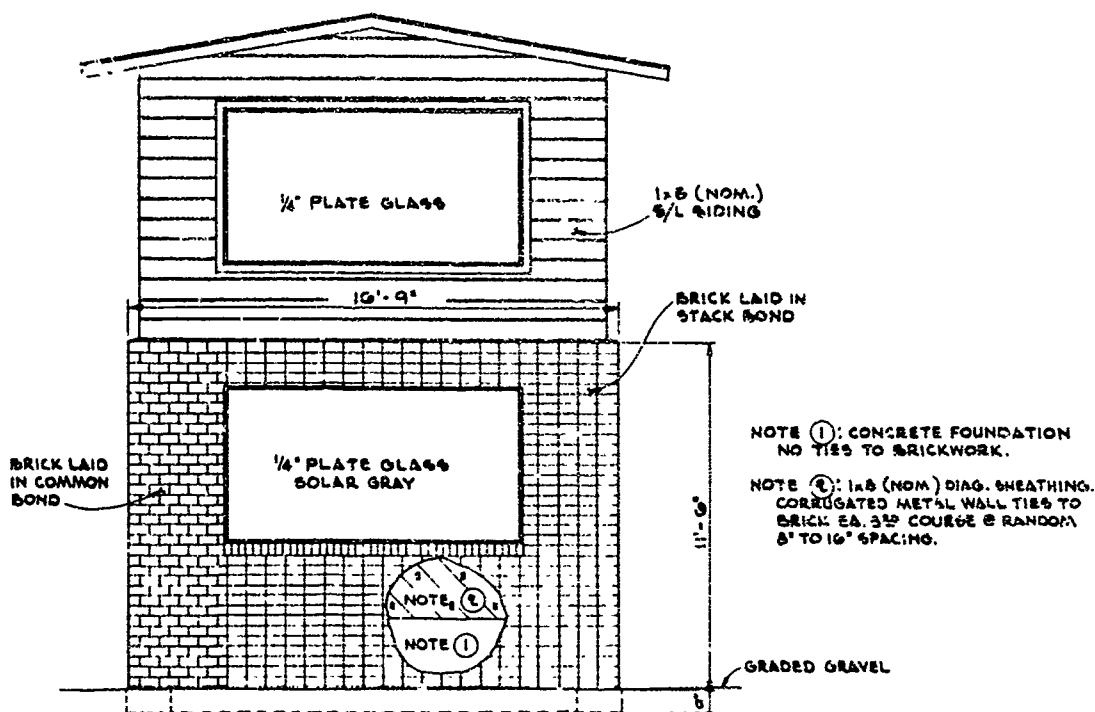
OUTLINE SPECIFICATIONS

1. EXCAVATION & SITE WORK:
CLEAR AREA OF VEGETATION AS SHOWN AND EXCAVATE FOR FOOTINGS TO FIRM SOIL AS INDICATED.
2. FOUNDATIONS:
FORM FOOTINGS AND SLABS AS INDICATED. CONCRETE SHALL HAVE 2500 PSI STRENGTH AT 28 DAYS WITH #4 RE-BARS AS INDICATED.
3. PIERS:
PRECAST CONCRETE PER DWG.
4. FRAMING LUMBER:
DOUGLAS FIR - STAN. GRD OR BETTER.
5. NAILING:
PER UNIFORM BUILDING CODE, 1983 EDITION.
6. VENTS:
PROVIDE VENTS AND ACCESS DOOR PER UBC.
7. WALL FINISHES:
PER SCHEDULE. EXTERIOR STUCCO PER UBC. INTERIOR PLASTER PER UBC.
8. PAINT:
STUCCO - WASH COAT, WHITE; SIDING - SEAL & FINISH, WHITE; INT. PLASTER - ONE COAT, FLAT WHITE; DOORS - SEAL & FINISH, WHITE.
9. FLOOR:
5/8\" CD PLYWOOD ONLY, NO FINISH.
10. PLUMBING:
NO PLUMBING REQUIRED, EXCEPT ROUGH-IN IN PFG.
11. ELECTRICAL:
PROVIDE ONE (1) PULL CHAIN PORCELAIN LIGHT RECEPTACLE PER ROOM AND DUPLEX OUTLETS WHERE INDICATED. ROMEX WIRING - CONNECT ALL TO 60 AMP POWER POLE PROVIDED BY CONTRACTOR. 1500 WATTS/HOUSE.
12. ROOFING:
15# FELT UNDERLAY
90# ROLL ROOFING
SEAL LAPS ON FLAT ROOF.
13. JACKS:
CONTRACTOR TO PROVIDE 4 - 5 TON CAPACITY BELL BOTTOM JACK SCREWS - DUFF NORTON OR EQUAL FOR W4.

25-5 SECTION & OUTLINE SPECIFICATIONS

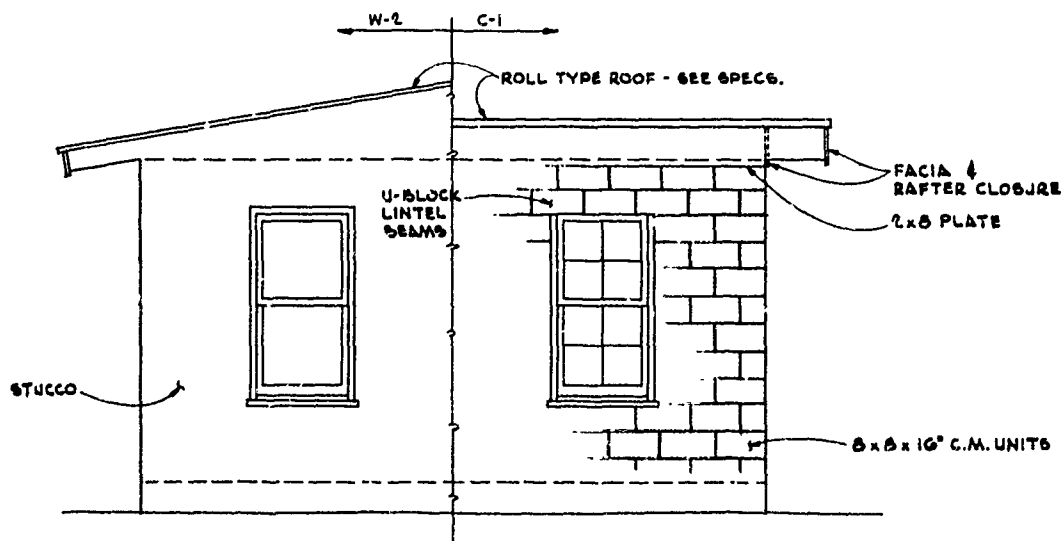


EAST ELEVATION 25-5 WITH CHIMNEY (AS USED DURING PART B)

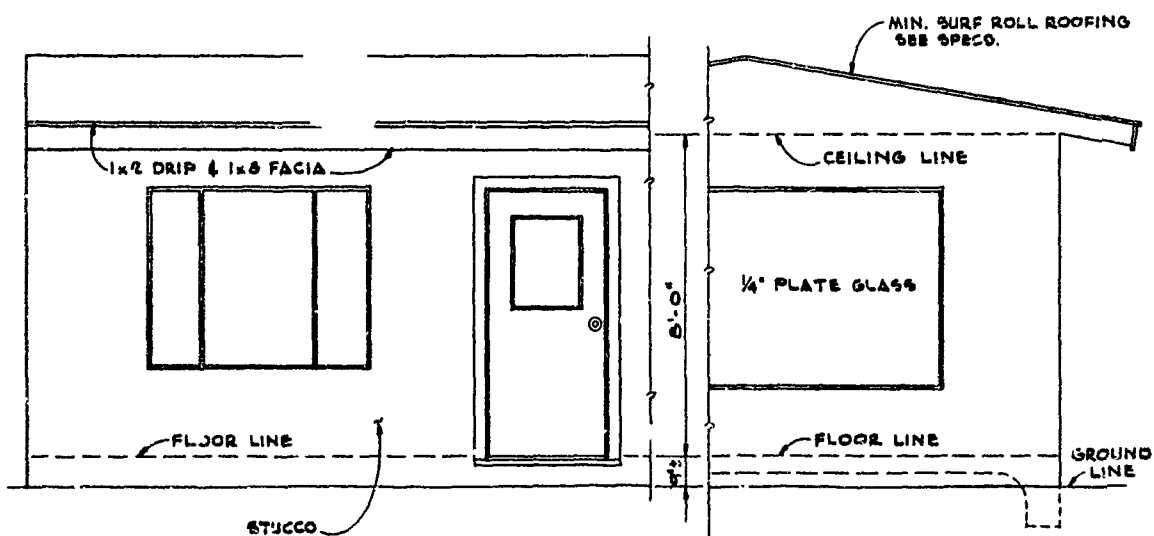


NORTH ELEVATION 25-5 WITH BRICK VENEER (PART A)

ELEVATIONS 25-5



TYPICAL SOUTH ELEV. SHOWING DOUBLE HUNG WINDOW UNITS



HALF WEST ELEV. @ ENTR. DOOR W2

HALF NORTH ELEV. W2

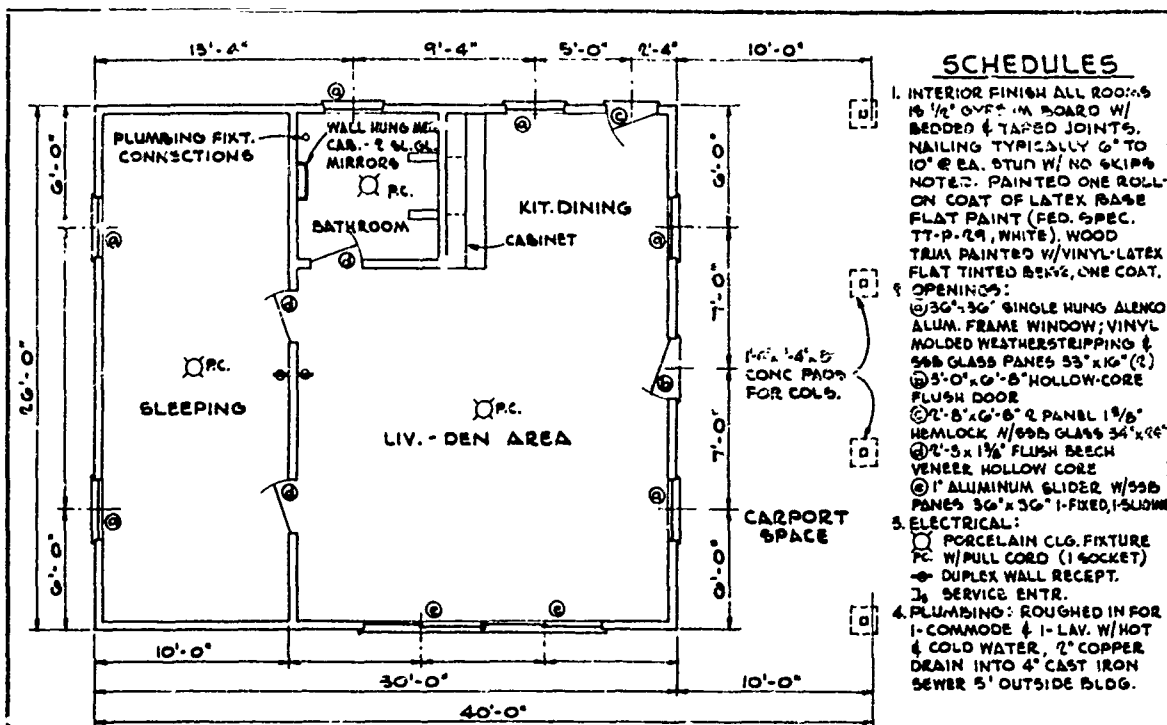
NOTE:
ELEVATIONS FOR W-3 AND W-4 ARE
SIMILAR TO THOSE SHOWN FOR W-2.
SEE SCHEDULE FOR EXTERIOR FINISH.

ELEVATIONS

STRUCTURE SCHEDULE					
STRUCTURE NO.	FOUNDATION	WALLS	EXTERIOR WALL FINISH	INTERIOR WALL & CEILING FINISH	ROOF
C-1	CONCRETE SLAB ON GRADE. STEEL TROWEL FINISH	CONCRETE BLOCK 8" EXTERIOR 6" INTERIOR	PAINT ONLY	PLASTER ON BLOCK WALLS, METAL LATH AND PLASTER ON CEILING	FLAT - WOOD WITH ROLL ROOFING. 3" AL LAPS
W-2	CONCRETE SLAB ON GRADE. STEEL TROWEL FINISH	WOOD STUDS	STUCCO ON PAPER-BACKED WIRE FABRIC	METAL LATH AND PLASTER	PITCHED - WOOD WITH ROLL ROOFING
W-3	RAISED FOOTING	STUDS	STUCCO ON PAPER-BACKED WIRE FABRIC	1/2" SHEETROCK WITH TAPED JOINTS	PITCHED - WOOD WITH ROLL ROOFING
N-4	RAISED FOOTING WITH JACKS, SEE DETAIL	WOOD STUDS	WOOD BEVEL SIDING	PART 'A' - WOOD LATH & PLASTER PART 'B' - GYPSUM LATH & PLASTER	PITCHED - WOOD WITH CEDAR SHINGLES
Q-5-5	RAISED FOOTING	WOOD STUDS	PART 'A' - BRICK VENEER ON FIRST FLOOR AND WOOD BEVEL SIDING ON SECOND FLOOR PART 'B' - BRICK VENEER REMOVED AND BEVEL SIDING INSTALLED	WOOD LATH AND PLASTER	PITCHED - WOOD WITH CEDAR SHINGLES
PF-6	CONCRETE SLAB ON GRADE. STEEL TROWEL FINISH	WOOD STUDS - PREFABRICATED	UNFINISHED - 3/8" CEDAR PLYWOOD	PART 'A' - 1/2" SHEETROCK W/TAPED JOINTS PART 'B' - GYPSUM LATH & PLASTER	PITCHED - WOOD WITH ASPHALT SHINGLES

NOTE:
PART 'A' - ALL INTERIOR SURFACES AND EXTERIOR STUCCO RECEIVED ONE COAT OF LATEX WHITE PAINT.
PART 'B' - ALL INTERIOR SURFACES AND EXTERIOR STUCCO RECEIVED TWO COATS OF LATEX WHITE PAINT.

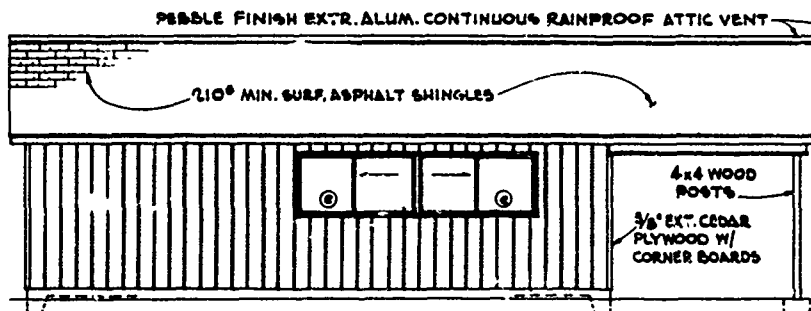
STRUCTURE SCHEDULE



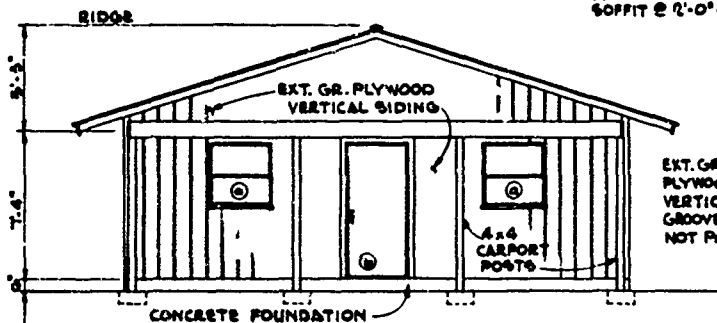
FLOOR PLAN PREFAB HOUSE PF-6

SCHEDULES

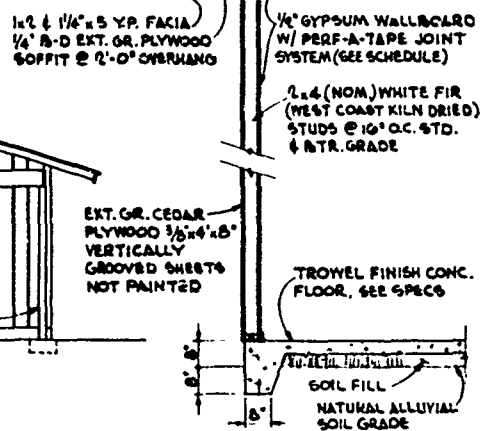
1. INTERIOR FINISH ALL ROOMS:
1 1/2" OVER 1/4" BOARD W/ BEDDED & TAPED JOINTS. NAILING TYPICALLY 6" TO 10" @ EA. STUN W/ NO SKIPS. NOTE: PAINTED ONE ROLL ON COAT OF LATEX BASE FLAT PAINT (FED. SPEC. TT-P-29, WHITE). WOOD TRIM PAINTED W/ VINYL-LATEX FLAT TINTED BEIGE, ONE COAT.
2. OPENINGS:
a) 30" x 36" SINGLE HUNG ALUM. FRAME WINDOW; VINYL MOLDED WEATHERSTRIPPING & 5/16" GLASS PANE 33" x 16" (2)
b) 5'-0" x 6'-8" HOLLOW-CORE FLUSH DOOR
c) 7'-8" x 6'-8" 2 PANEL 1 3/8" HEMLOCK 1/2" GLASS 34" x 26"
d) 7'-3" x 1 1/2" FLUSH BEECH VENEER HOLLOW CORE
e) 1" ALUMINUM SLIDER W/ 5/16" PANE 36" x 36" 1-FIXED, 1-SLIDING
3. ELECTRICAL:
a) PORCELAIN CLG. FIXTURE
b) P.C. W/ PULL CORD (1 SOCKET)
c) DUPLEX WALL RECEPT.
d) SERVICE ENTR.
4. PLUMBING: ROUGHED IN FOR 1-COMMODE & 1-LAV. W/ HOT & COLD WATER, 2" COPPER DRAIN INTO 4" CAST IRON SEWER 5' OUTSIDE BLDG.



WEST ELEVATION PF-6

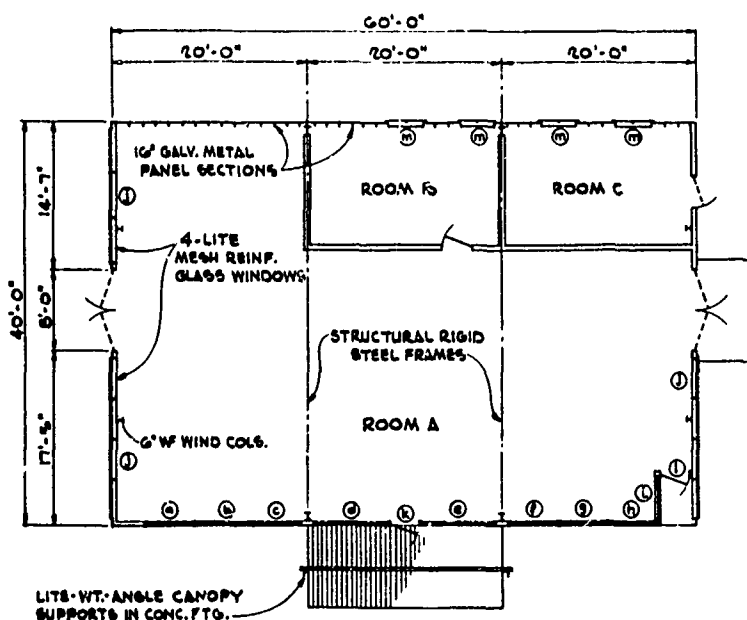


SOUTH ELEVATION PF-6



TYP. WALL SECTION
PREFAB HOUSE, PF-6

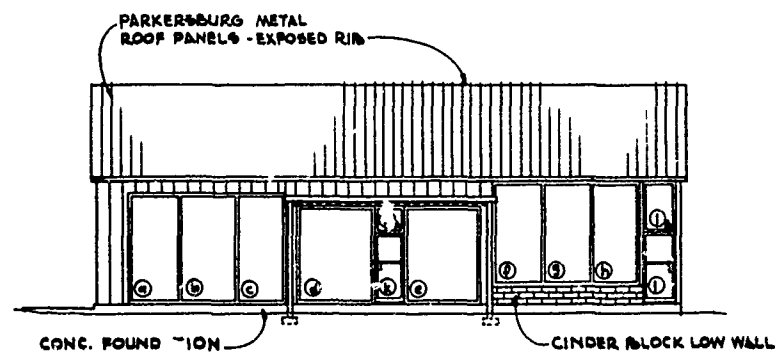
DWG B-9



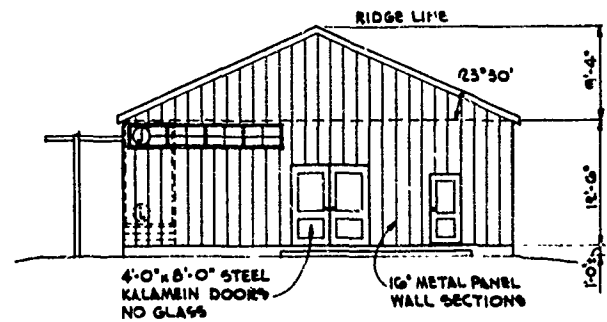
FLOOR PLAN STORE FRONT

SCHEDULES

- ROOM A:
 1. INCANDESCENT (200 WATT) LITE BULBS IN PENDANT REFLECTORS
 2. GLASS:
 (A) 1/4" CLEAR PLATE
 (B) 1/4" SOLEX GRAY
 (C) 1/4" CLEAR PLATE
 (D) do do do
 (E) do do do
 (F) do do do
 (G) do do do
 (H) do do do
 (I) 1/2" DS-B
 (J) DOOR & TRANSOM (FIXED) WITH
 (K) 1/4" CLEAR PLATE GLASS
 (L) INSULATED SECTIONAL WALL PANELS
 GAGE METAL OUTSIDE & 1/2" GYPSUM
 WALL BOARD INSIDE. ROOF PANELS
 SIMILAR. CEILING PANELS PERFORATED
- ROOM B:
 1. 8-2 TUBE FLUORESCENT FIXTURES
 (4') SURFACE MOUNTED
 2. 2- (A) WINDOWS
- ROOM C:
 SIMILAR

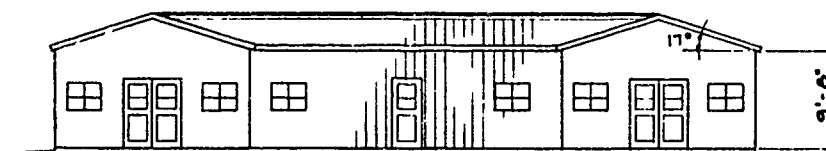
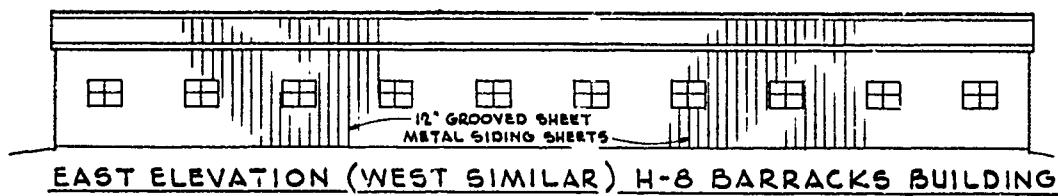
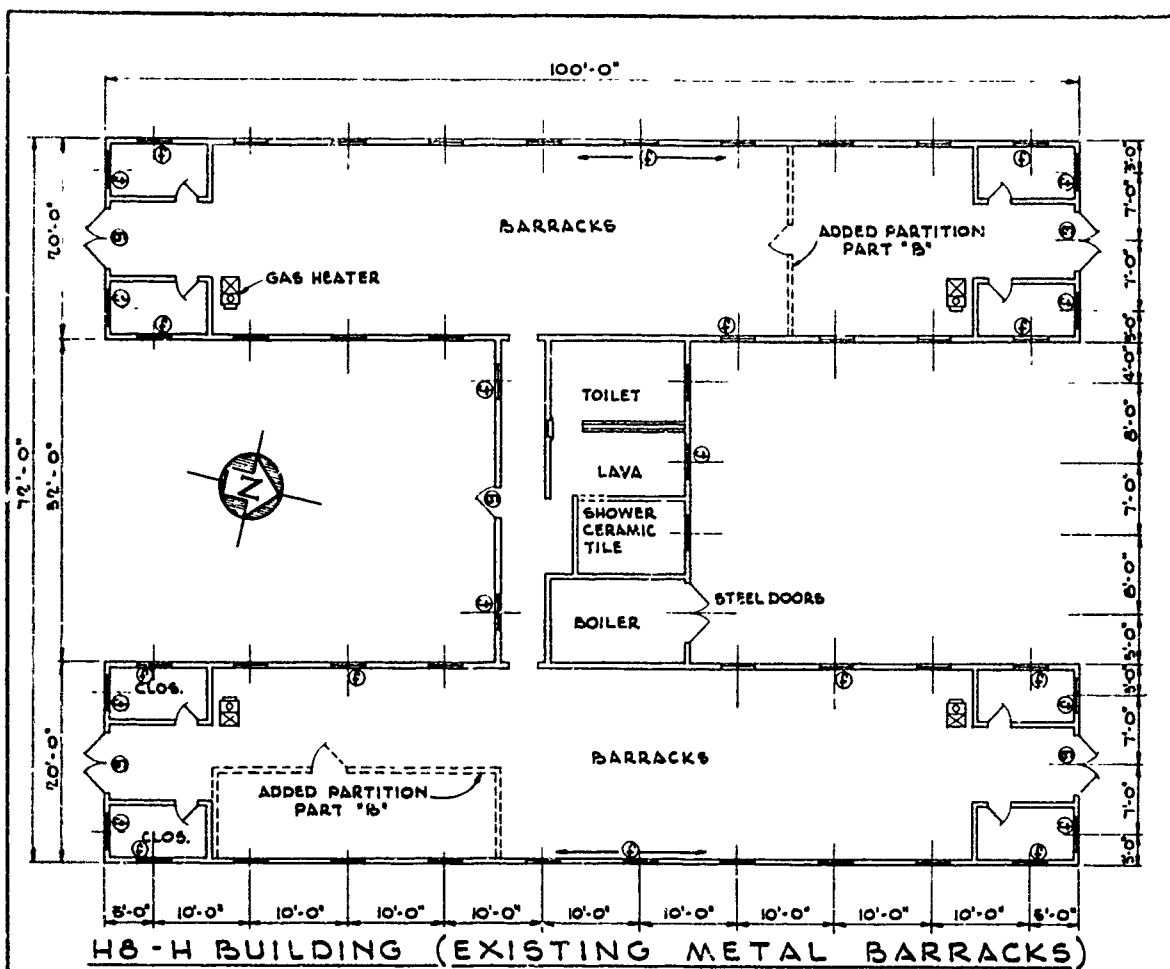


NORTH ELEVATION STORE FRONT



WEST ELEVATION STORE FRONT
EAST ELEVATION SIMILAR

STOREFRONT



SOUTH ELEVATION - H-8 (H BLDG.)
 LITE WT. STEEL CHANNEL FRAMING, V-GR. GALV. SHEET METAL EXT.
 SIDING & ROOFING (SCREWED) & GYPSUM WALLBOARD INT. WALLS & CEILING

H-8, H BUILDING

SCHEDULE OF GLAZED OPENINGS

TEST BLDG	OPENING			INDIVIDUAL GLASS PANELS						AREA IN SQ. FT.				
	MARK	SIZE	TYPE	MOUNTING	TYPE	THICKNESS	WxH INCHES	AREA	NO. PANELS	NORTH	EAST	SOUTH	WEST	TOTAL
C-1	A	5'-10"	PICTURE WINDOW	1 1/2" WOOD FRAME 1" NAILED T.D. STOP	SOLAR GLASS POL. PLATE	1/4"	7 1/2" x 118 1/2"	47.5	1	47.5				
	B	5'-10" x 6'-6"	SLIDING DOOR	1" ALUM. FRAME NEOPRENE STOP	CRYSTAL SHEET	7/8" - 3/16"	32 1/2" x 63 1/2"	14.4	2		28.8			
	C	3' x 5'	THERM-O-PANE	WOOD FRAME (1 1/2") 1" NAILED WOOD STOP	CLEAR DSB (2)	1/8"	35 1/2" x 35 1/2"	8.0	1		8.0			
	D	2'-6" x 4'-6"	CONV. OBLIQUE	WOOD FRAME W/PUTTY & FLAZING CLIPS	CLEAR DSB	3/32"	24 1/2" x 24 1/2"	4	2			8		
	E	2'-6" x 4'-6"	do	do do do	do	do	12 1/2" x 12 1/2"	1	8			8		
	F	4'-2" x 3'-2"	STEEL CASEM.	STEEL ANGLE FRAME, SPRING CLIPS & COMM. PUTTY	CLEAR DSB	1/8"	15 1/2" x 35 1/2"	3.0	1				3.0	
	G	5'-2" x 4'-2"	do	do do do	do	do	15 1/2" x 47 1/2"	4.9	2				9.8	
	H	3'-0" x 6'-6"	EXT. DOOR	WOOD STOP NAILED	do	do	20 1/2" x 24 1/2"	3.3	1				3.3	135.1
W-2	ALL OPENINGS SIMILAR & IDENTICAL IN ALL CHARACTERISTICS TO C1 (EXCEPT WINDOW 'A' IS CLEAR PLATE)													135.1
W-3	ALL OPENINGS SIMILAR TO C1 EXCEPT FOR "F" & "G"													
	F	4'-2" x 3'-2"	STEEL CASEM.	STEEL ANGLE FRAME, SPRING CLIPS & COMM. PUTTY	CLEAR DSB	1/8"	15 1/2" x 11 1/2"	1.08	9				9.7	
	G	5'-2" x 4'-2"	do	do do do	do	do	do	1.08	10				17.3	131.2
W-4	ALL OPENINGS SIMILAR & IDENTICAL IN ALL CHARACTERISTICS TO C1 (EXCEPT WINDOW 'A' IS CLEAR PLATE)													155.1
255	1ST FLOOR OPENINGS SIMILAR & IDENTICAL TO C1													135.1
	2ND FLOOR SIMILAR EXCEPT DELETE "B" & "H" AND SUBSTITUTE FOLLOWING:													
I	3'-0" x 6'-6"	SLIDING WINDOW	ALUM. CHANNEL FRAME NEOPR.	CLEAR DSB	3/32"	.085	34 1/2" x 33 1/2"	7.8	2	47.5	8.0	16	30.9	118.6
PFG	①	3'-0" x 3'-0"	SG. HG. WINDOW	do do	do	do	33 1/2" x 16 1/2"	3.0	12	14.4	14.4	14.4		
	②	1'-2" x 6'-6"	EXT. DOOR	WOOD STOP NAILED	do	do	24 1/2" x 34 1/2"	3.0	1		3.0			
	③	3'-0" x 6'-6"	SLIDING WINDOW	ALUM. CHANNEL FRAME NEOPR.	do	do	35 1/2" x 35 1/2"	8.5	4				34.0	82.6
G-7	GLASS WALL & ROOF AREA			GLASS LAID IN 2" x 2" REDWOOD FRAME W/ NAILS @ 2 FT'S EA. SIDE	CLEAR SSB	3/32"	.085 & .078 ± PROS. FOREIGN	16 x 32 16 x 24 18 x 24 16 x 16 16 x 12	3.5 7.6 5.0 1.8	16 24 8 20	28 3.2 (ROOF) 1	28 3.2 (ROOF) 1		227.8
H-8	①	3'-4" x 2'-8"	STEEL ANCHING	STEEL ANGLE FRAME, SPR. CLIPS & PUTTY	CLEAR SSB	3/32"	.085	18 x 14	1.75	4 EA. WDN. x 49 WDN.	49.0	136.0	136.0	393.0
	②	3'-0" x 7'-0"	DOOR	do do	do	3/16"	.182	24 x 15	2.5	12	6.0			
I-9	DOOR LITE & 4 WINDOWS ALL CLEAR				SSB	3/32"	.085	35 x 23	5.2	9	10.4	10.4	23.8	44.2
F-10	9 LITE WOOD WINDOW SASH 3'-0" x 3'-0"				do	do	do	8 x 10	0.55	12	6.6			6.6
SF-11	① & ②	3'-3" x 10'-8"	STORE GLASS	SEE FIG. 81-19	① (C) CLR PLATE; ② SOLAR GLASS	1/4"	13 1/4" x 61 1/2"	54.8	3	164.4				
	③ & ④	7'-6" x 10'-8"	do	do do	do	do	90 x 117	73.1	2	146.2				
	⑤ & ⑥	5'-0" x 9'-6"	do	do do	do	1 1/8"	60 x 115	47.5	4	190.2				
	⑦ & ⑧	3'-0" x 7'-0"	DOORS	ALUM. MEDIUM STYLE-T5 ALLOY	do	do	31 x 75 31 x 44	16.1 9.4	2 2	32.2 18.8				736.0
	⑨	3'-10" x 2'-0"		STEEL ANGLE FRAME SPR. CLIPS & PUTTY	DSB	1/8"	21 x 15	2.2	46 50		61.6 66.0	56.6		
O-12	2 DOOR LITES & 9 WINDOWS ALL CLEAR SSB				3/32"	.085	24 x 42	7.0	9	7.0	24.5	7.0	24.5	63.0

SCHEDULE OF GLAZED OPENINGS

DWG B-12

APPENDIX C - INSTRUMENTATION

1. General

Instrumentation for the project was provided by three experienced firms in the field of data acquisition: DATACRAFT, INC.; THE BOEING COMPANY; and LOCKHEED - CALIFORNIA COMPANY. The first of these was under subcontract with Blume and the latter two were under contract with FAA, but all technical direction was Blume's responsibility. Lockheed participated in the maneuver phase only and their equipment is discussed in Chapter VII.

The data acquisition systems used during the test were:

(a) Near-Field Overpressure; (b) Far-Field Overpressure; (c) Mechanical Displacement-Structural; (d) Mechanical Displacement-Glass; (e) Mechanical Vibration System; (f) Mechanical Strain-Glass; (g) Mechanical Strain-Plaster; (h) Timing System; (i) Temperature Measurement System; (j) Scratch Gages; and (k) Sprengnether Recorders.

2. Description of Data Systems

a. Near Field Overpressure System

(1) Datacraft provided a total of eighteen (18) channels of near field overpressure data during the test program. A block diagram of their system is

Appendix C

shown in Fig. C-1. The microphone pickups were placed at various specific locations within the immediate test site with the data recorded on magnetic tape and oscillographs. The frequency response of the microphones when used with signal conditioners ranged from 0.5 cps to 10 kc. Magnetic tape recorders were capable of recording this response over the entire range while the oscillographs were limited by the use of 0-3000 cps galvanometers.

(2) Boeing provided a near field overpressure system consisting of six (6) pressure transducers, six (6) signal conditioning networks and one (1) direct-write multichannel oscillograph (Fig. C-2). All components, except the transducers, are unmodified commercial equipment. The condenser microphones (Altec Lansing 21BR and Photocon Research Products 404) were modified to respond to approximately 0.5 cps by critically controlling "air-venting" across the microphone diaphragm.

The electrical response of the measurement system was essentially uniform from DC to 2,500 cps. The upper frequency limitation was determined by the recording galvanometer (CEC Model 7-362). The low frequency response below 20 cps was controlled by

Appendix C

the back venting of the microphone diaphragm. The acoustic calibration of the microphone from 10 cps to 5 KC was done in a pressure coupler using a certified Western Electric Model 640AA as a reference microphone. The back venting on each microphone was then adjusted to obtain the best compromise between good low frequency response below 10 cps and fast recovery time from static pressure variations. The back venting adjustment was done in a low frequency pistonphone which was referenced to the 640AA standard microphone at 10 cps. The acoustic calibrator used for field calibration was also calibrated using the 640AA microphone.

b. Far Field Overpressure System

The system consisted of two mobile tape recorders provided by Datacraft. The block diagram of this system is shown in Fig. C-3. Recordings were made at various far field locations such as Withers Ranch, Phillips, etc., on the 1/4 inch magnetic tape and later transcribed at the Datacraft office to oscillograph form for analysis.

c. Mechanical Displacement System - Structural

The system consisted of twelve (12) transducers

placed at various points on the structures. The transducers used were actually velocity pickups with an integrating amplifier as shown by the block diagram (Fig. C-4). All data was recorded on oscillograph by Datacraft.

d. Mechanical Displacement System - Glass

The system consisted of five (5) linear potentiometer transducers mounted as a group on various windows to record the response movement of the window during the sonic boom. The block diagram (Fig. C-5) illustrates Datacraft's equipment arrangements. Window arrangements are shown in Figs. III-12 and C-11.

e. Mechanical Vibration System (Acceleration)

With this system twelve (12) channels of acceleration data were recorded during the program. Location of accelerometers were changed as required for proper test coverage. Accelerometers were mounted generally on walls; however, in several instances they were mounted on the 5' x 10' plate glass windows. A block diagram is shown in Fig. C-6. During Part B of the test program certain changes were made to eliminate the loss of response

caused by varying temperatures at the test site. The changes included installation of heater jackets on the accelerometers as shown by Fig. C-7.

f. Mechanical Strain - Glass

Thirty (30) channels of strain gage information were recorded from ten (10) rosette type gages located on windows in C-1 and W-2. A photo of the strain gage is shown earlier in Chapter III, Fig. III-14. A block diagram of the system is shown in Fig. C-8.

g. Mechanical Strain - Plaster

Eighteen (18) channels of strain gage information were recorded from six (6) rosette type gages located variously throughout the test structures. A block diagram is shown in Fig. C-9.

h. Timing System

Datacraft utilized a 100 cps timing signal of 0.5 volts amplitude which was taken from the oscillator and fed into the remote control panel. Within the panel the signal leads were wired to a spring loaded switch which permitted the timing signal to be shorted out during each run thereby removing the

timing from all recorders simultaneously. This removal of timing served as a common event marker on the various recorders. A block diagram of the system is shown in Fig. C-10.

i. Temperature Measurement System

Datacraft recorded fourteen (14) channels of temperatures at locations determined by Blume personnel. The system consisted of a Leeds and Northrup Speedomax Type G, 16 point, Temperature Recorder and 14 copper constantan (T) thermocouples.

j. Scratch Gages

These gages were built on the job at various locations to record the displacement of specific walls and windows and the ceiling in PF-6. A typical scratch gage appears in Chapter III, Fig. II-11.

k. Sprengnether Recorders

Four (4) of these recorders were utilized to record the displacement in three orthogonal directions - vertical, longitudinal and transverse. These displacement meters had magnification factors of 50 and 65 and were placed so that their longitudinal axis was parallel to the north-south axis of the

test site.

3. Total Probable Error for the Systems

As a part of their report, Datacraft analysed the systems for probable errors. The analysis together with the calibration information serve as a guide for evaluating the data:

Overpressure Systems

Ampex Tape Recorder	+3.1db -- -4. 5db
CEC Tape Recorder	+3.2db -- -4. 3db
Oscillographs	+3.1db -- -4. 3db
Far Fields	+3.1db -- -4. 5db

Mechanical Displacement - Structural

+6.16%

Mechanical Vibration (Acceleration)

Original System	<u>+5.24%</u>
Heater Jacket System	<u>+5.43%</u>

Mechanical Displacement - Windows

0.50 inch Calibration	<u>+3.56%</u>
0.25 inch Calibration	<u>+3.65%</u>

Mechanical Strain - Glass

+4.27%

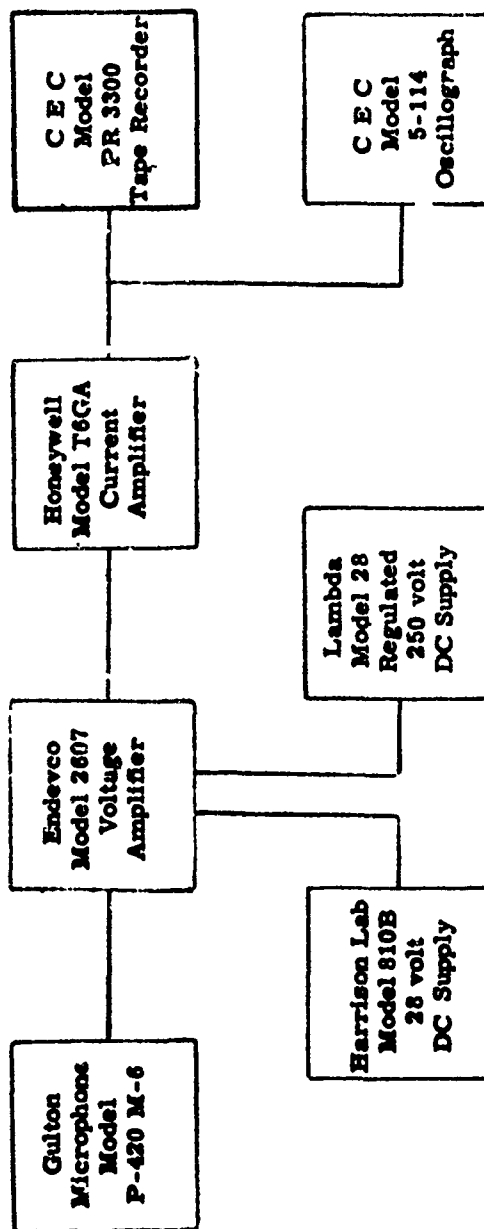
Mechanical Strain - Plaster

+3.87%

4. Instrument Locations

Figs. C-11 through C-50 show the instrument locations during the test program. For diagrammatic purposes the Datacraft instrument pickups utilize the following code:

M = Microphone location (Overpressure)
V = Displacement (Velocity transducers)
A = Accelerometer (Acceleration)
R = Rosette (Strain gages)
T = Temperature



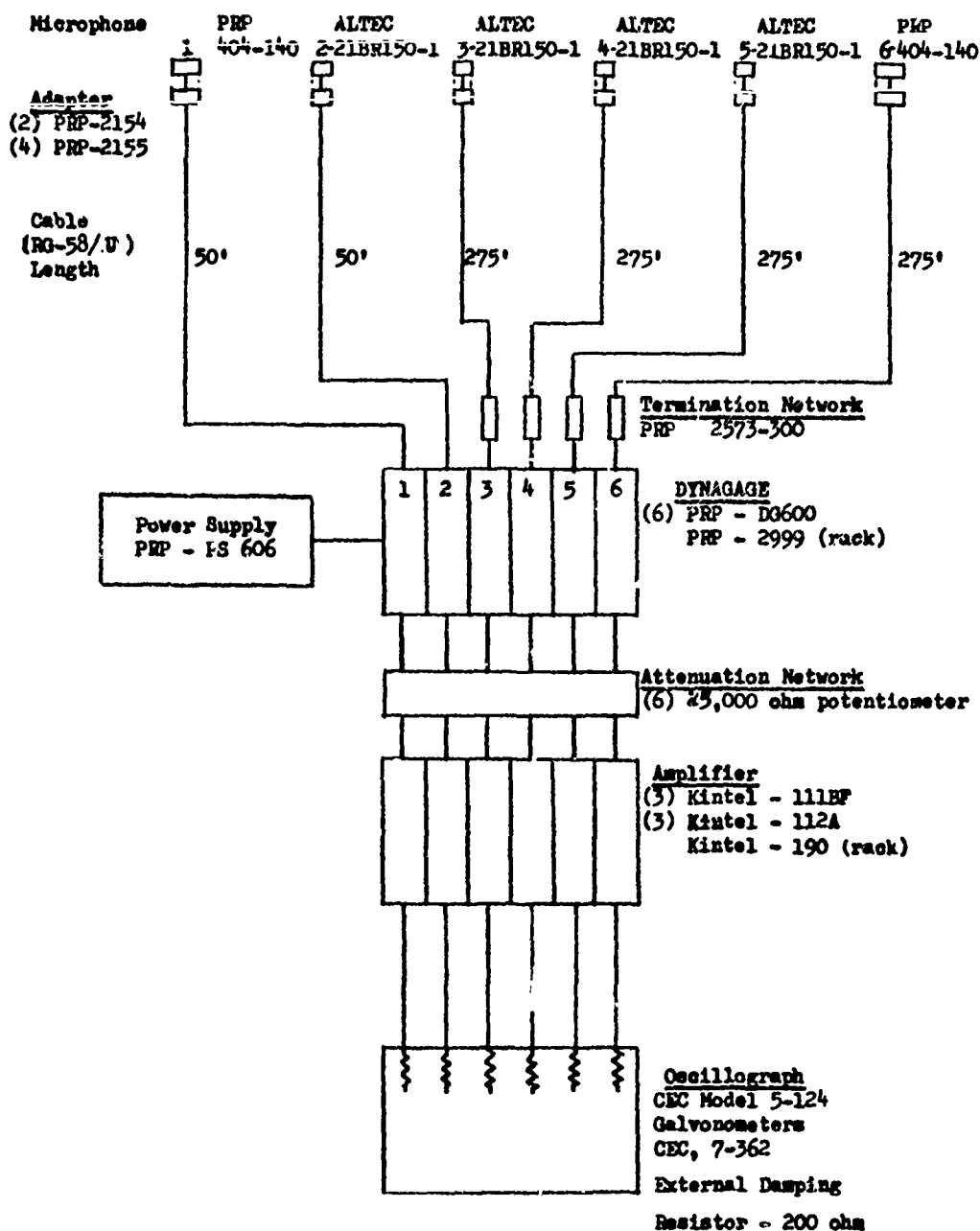
DATA CRAFT INC

DRAWN	SCALE	REVISIONS	DATE
CHECKED			
APPROVED			
DATE	11-22-64		

TITLE BLOCK DIAGRAM
TYPICAL OVERPRESSURE CHANNEL

NO. **Fig-1**

FIG. C-1



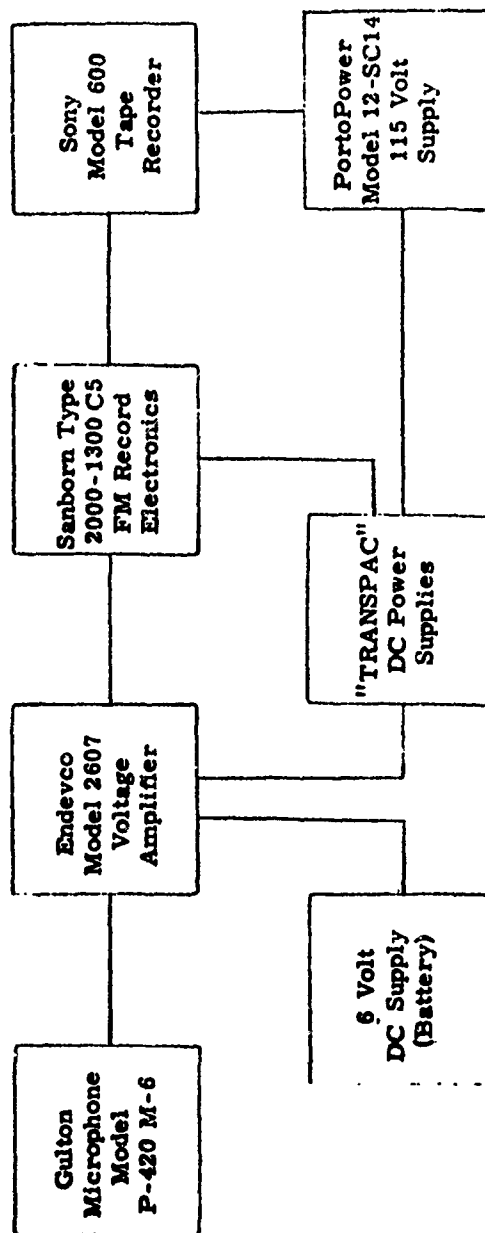
PRP - Photocopy Research Products Co.
CEC - Consolidated Electrodynamics Corporation

ENGR	REVISED	DATE	BLOCK DIAGRAM OF MEASUREMENT SYSTEM	FIG. 1
CHUCK			THE BOEING COMPANY	D6-17485
APR			RENTON, WASHINGTON	Page 12

TD 1017 RB

FIG. C-2

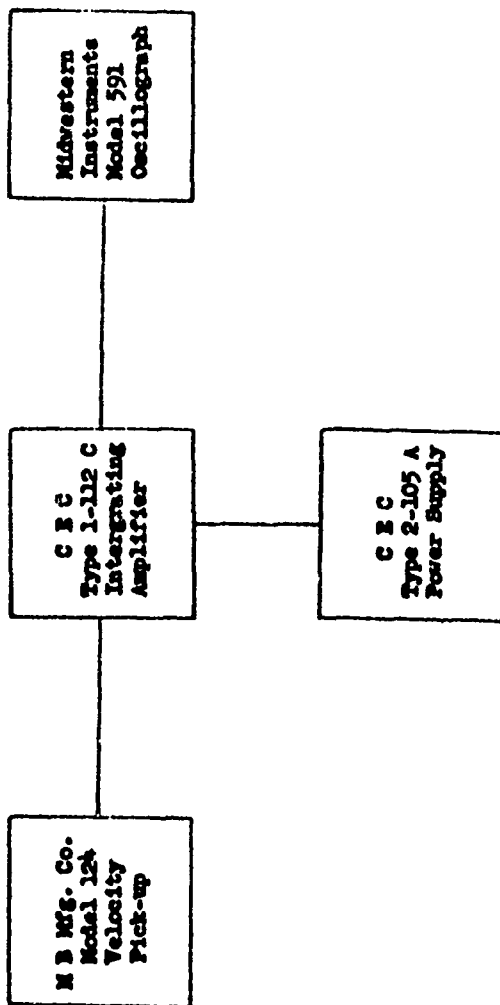
6 7000



DATA CRAFT INC.

DRAWN R. White	SCALE	REVISIONS	DATE
CHECKED <i>[Signature]</i>			
APPROVED			
DATE 11-22-64			
TITLE BLOCK DIAGRAM FAR FIELD OVERPRESSURE SYSTEM			NO Fig-3

FIG. C-3



DATACRAFT INC.				
DRAWN R. White	SCALE NONE	REVISIONS	DATE	
CHECKED <i>1/9</i>				
APPROVED				
DATE 11-22-64				
TTL BLOCK DIAGRAM MECHANICAL DISPLACEMENT SYSTEM			NO.	Fig 8

FIG. C-4

C E C
Model 5-114
Oscillograph

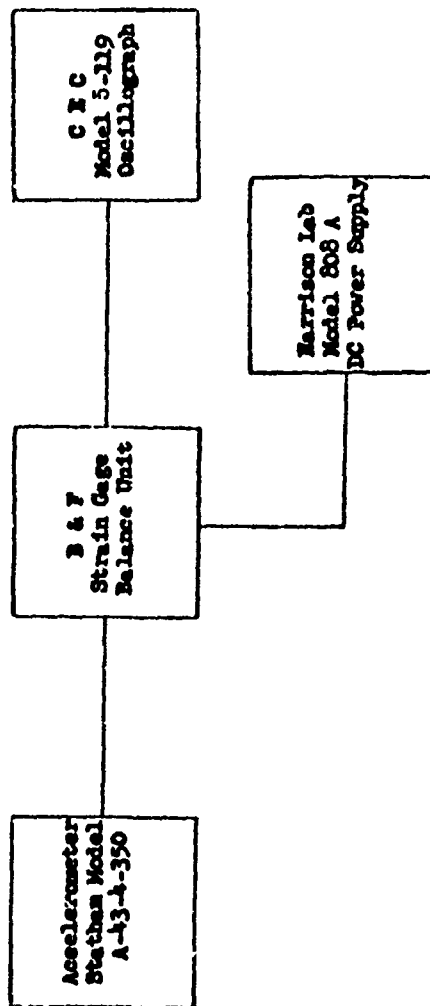
Datacraft
Model
DC-PB 12
Balance Unit

Linear
Potentiometer
Transducer

Harrison Lab
Model 808 A
DC
Power Supply

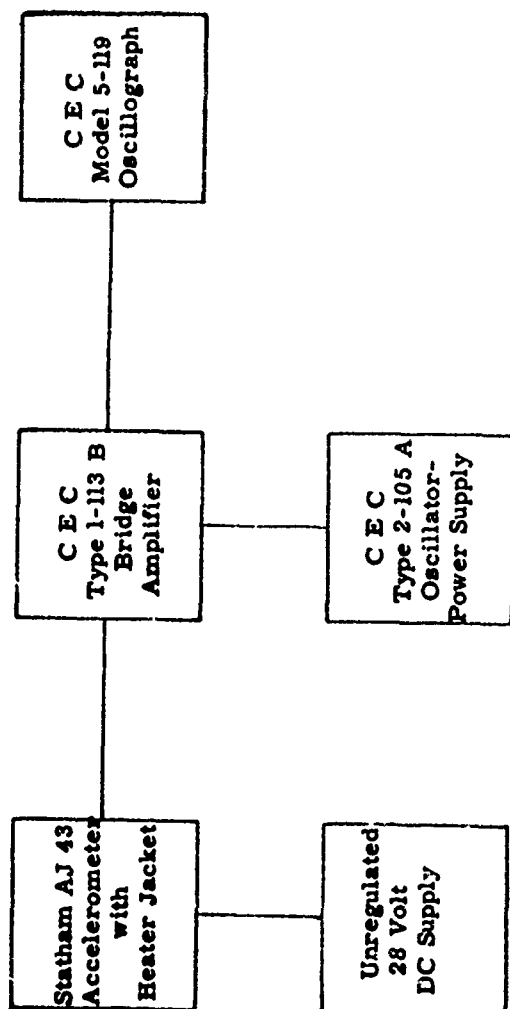
DATA-CRAFT INC.			
DRAWN R. White	SCALE NONE	REVISIONS	DATE
CHECKED <i>[Signature]</i>			
APPROVED			
DATE 1-30-65			
TITLE BLOCK DIAGRAM MECHANICAL DISPLACEMENT (windows)			NO. ~~Fig-1~~

FIG. C-5



DATACRAFT INC.				
DRAWN	R. White	SCALE	ROOM	REVISIONS
CHECKED	<i>[Signature]</i>			
APPROVED				
DATE	11-22-64			
TITLE				NO.
BLOCK DIAGRAM ACCELEROMETER SYSTEM				Fig 5-

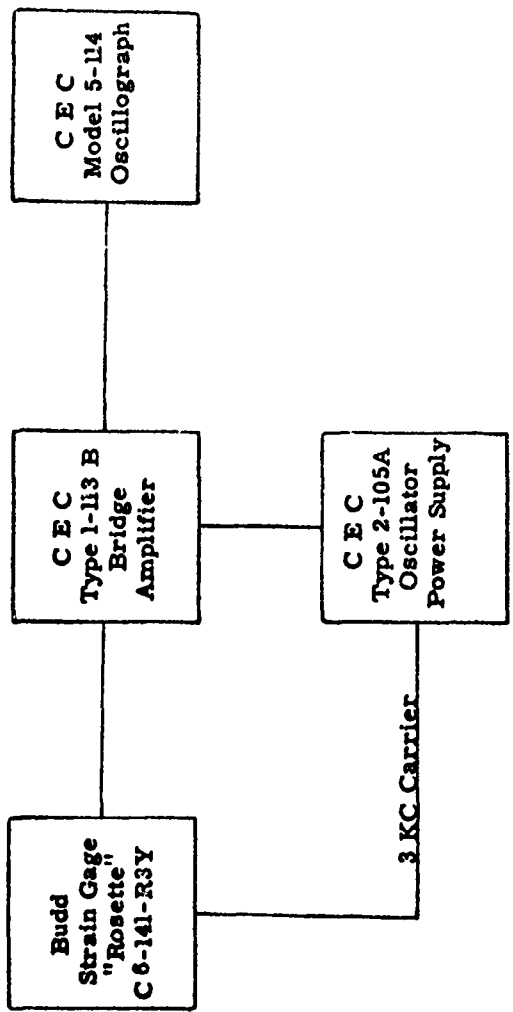
FIG. C-6



DATA CRAFT INC.

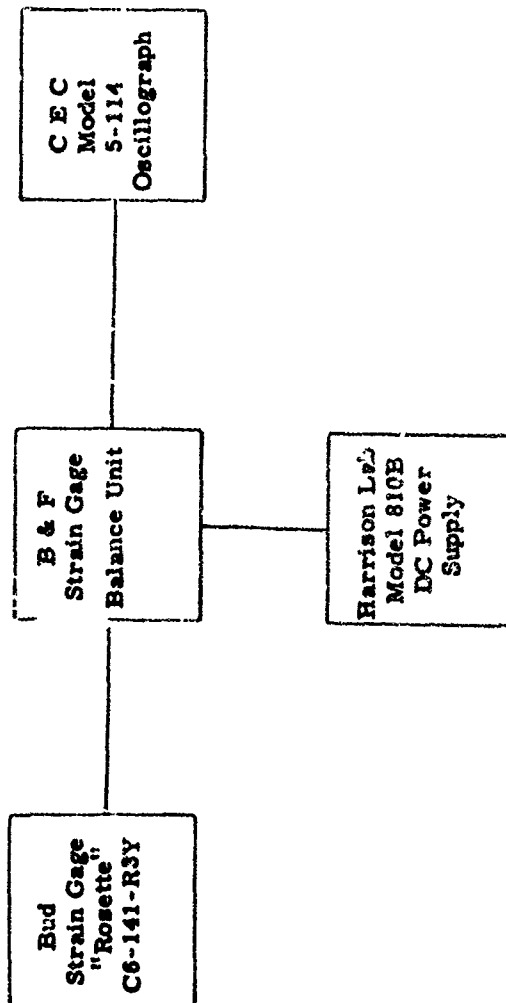
DRAWN	SCALE	REVISIONS	DATE
R White	none		
CHECKED <i>RS</i>			
APPROVED			
DATE 1-29-65			
TITLE BLOCK DIAGRAM			NO.
ACCELEROMETER SYSTEM			~~Fig 6~~

FIG. C-7



DATA CRAFT INC.			
DRAWN R. White	SCALE none	REVISIONS	DATE
CHECKED <i>AW</i>			
APPROVED			
DATE 11-22-64			
TITLE BLOCK DIAGRAM MECHANICAL STRAIN, GLASS		NO	Fig 17

FIG. C-8



DATACRAFT INC.			
DRAWN R. White	SCALE	REVISIONS	DATE
CHECKED			
APPROVED			
DATE 11-22-64			
TITLE BLOCK DIAGRAM MECHANICAL STRAIN, PLASTER			NO. ~~178-8~~

FIG. C-9

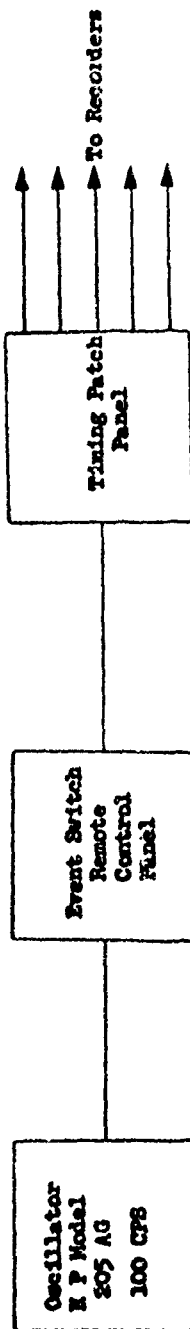
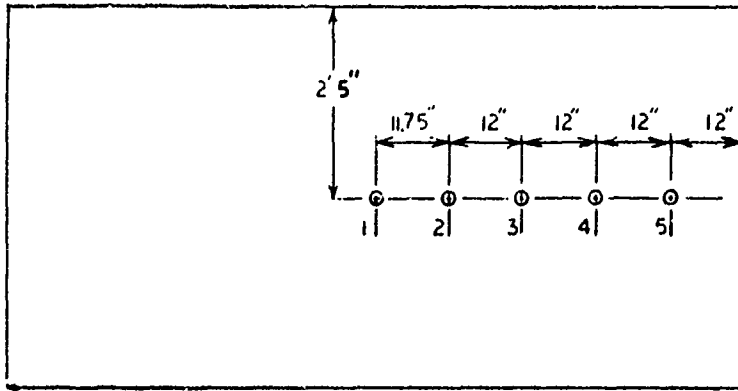
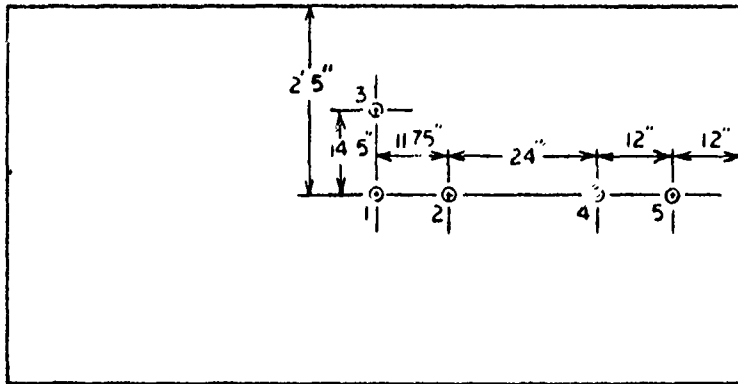


FIG. C-10

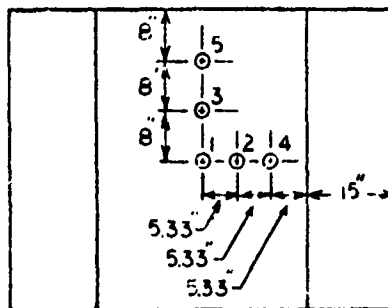
DATA-CRAFT INC.			
DRAWN R. White	SCALE	REVISIONS	DATE
CHECKED <i>R. G.</i>			
APPROVED			
DATE 11-15-65			
TITLE BLOCK DIAGRAM TIMING CIRCUIT			NO. ~~Fig 8~~



NORTH WINDOW BUILDING W 2 ON 1-30-65



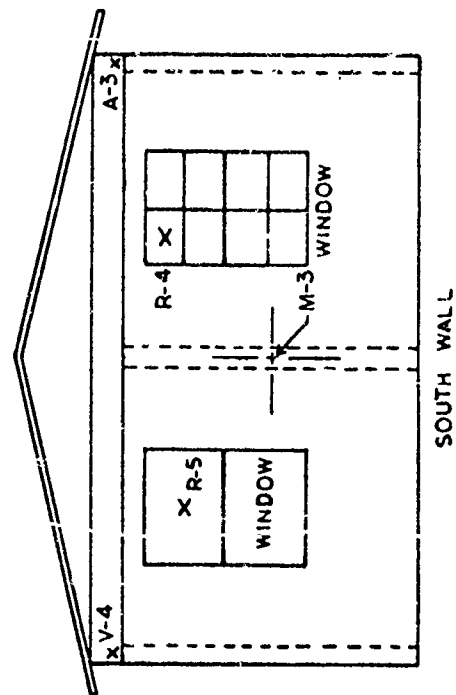
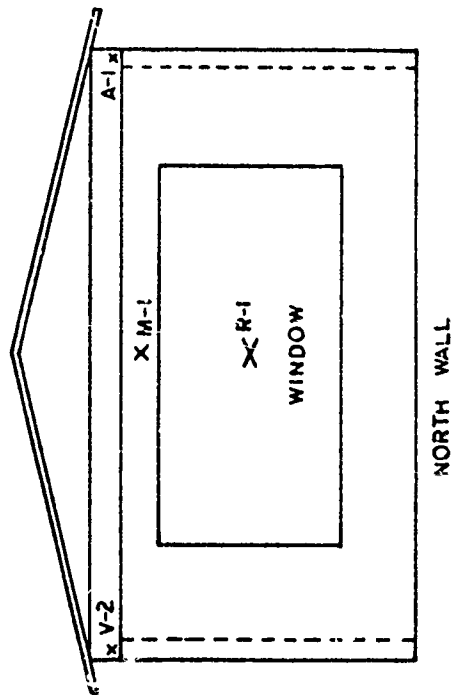
NORTH WINDOW BUILDING W 3 ON 1-31-65
NORTH WINDOW BUILDING C 1 ON 1-2-65 AND 2-2-65
2-1



CASEMENT WINDOW BUILDING C 1 ON 2-3-65 THROUGH 2-6-65

DATACRAFT INC.			
DRAWN R. WHITE	SCALE 1/4" = 1'0"	REVISIONS	DATE
CHECKED			
APPROVED			
DATE 2-27-65			
TITLE	POTENTIOMETER LOCATIONS	NO	FIG. 4

FIG. C-II

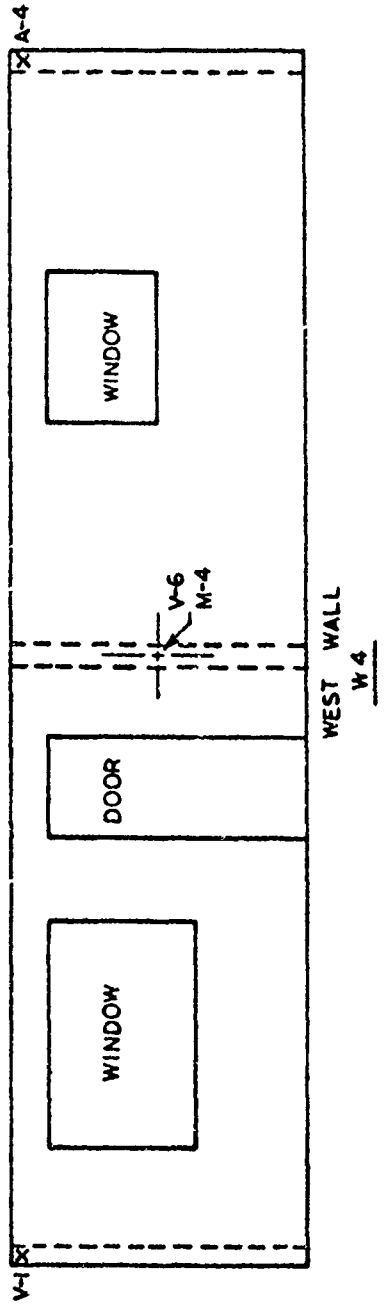
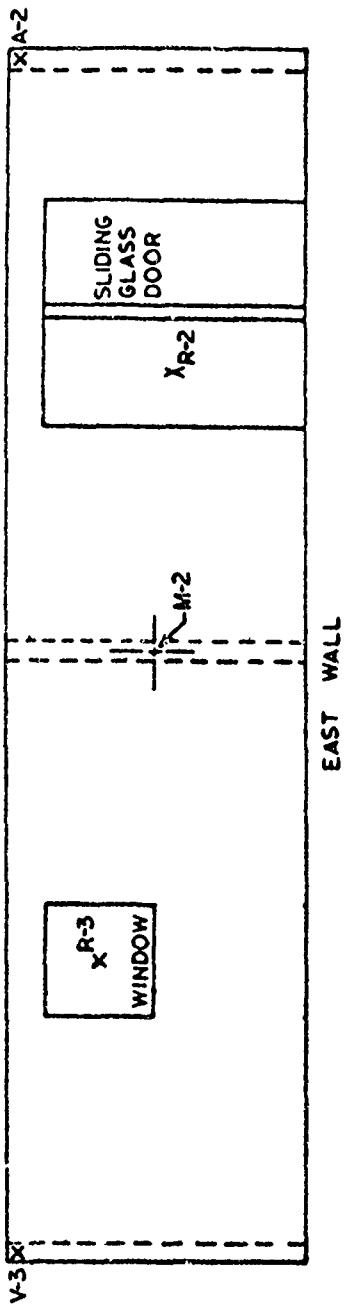


W 4

FIG. C-12

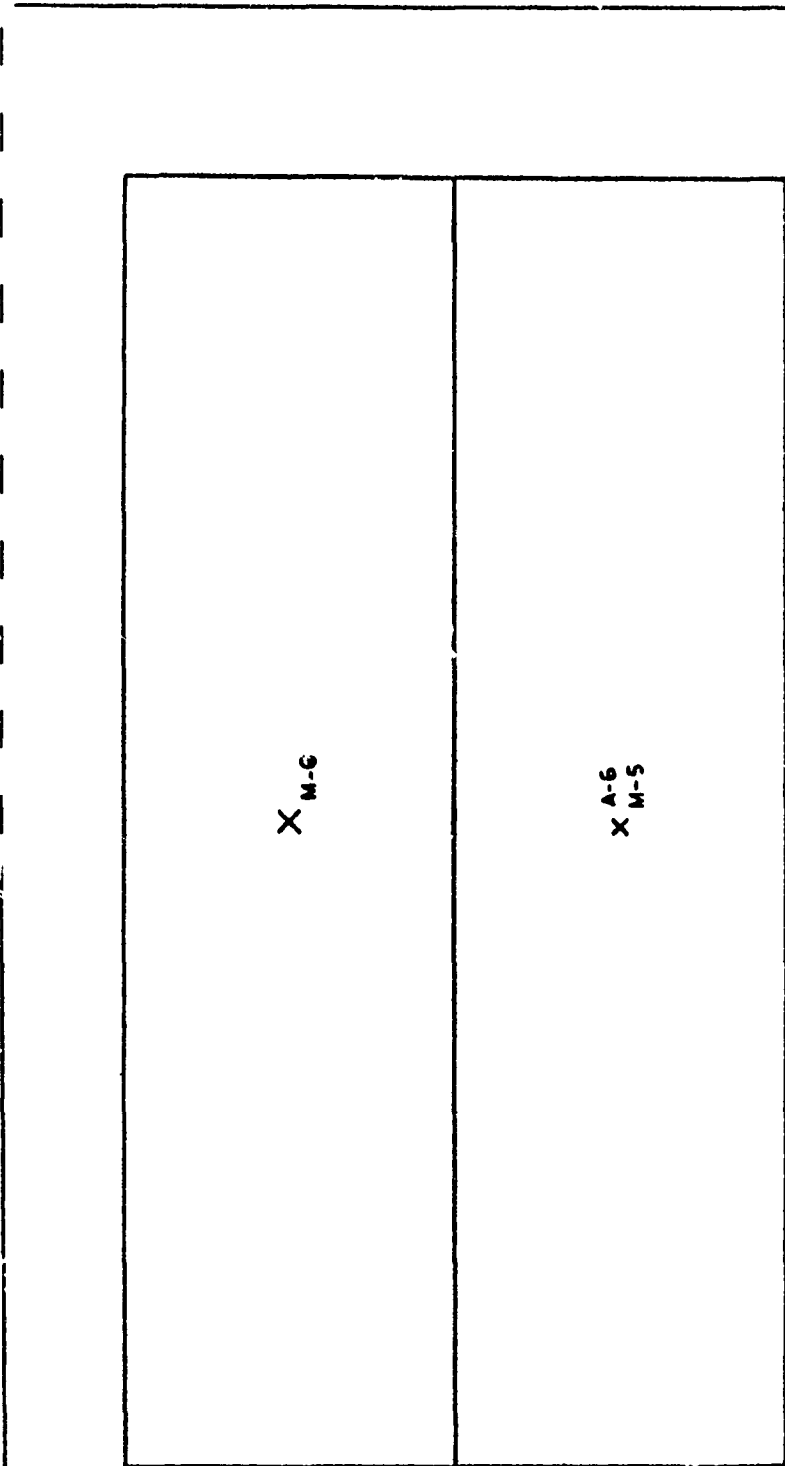
DATA CRAFT INC.

DRAWN R. WHITE		SCALE NONE	REVISIONS	DATE
CHECKED <i>R</i>	APPROVED			
DATE 11-22-64				
TITLE		INSTRUMENT LOCATIONS		NO. FIG-7



DATACRAFT INC.			
DRAWN R. WHITE	SCALE NONE	REVISIONS	DATE
CHECKED <i>RR</i>			
APPROVED			
DATE 11-22-64			
TITLE	INSTRUMENT	LOCATIONS	NO ~~FIG. C-13~~

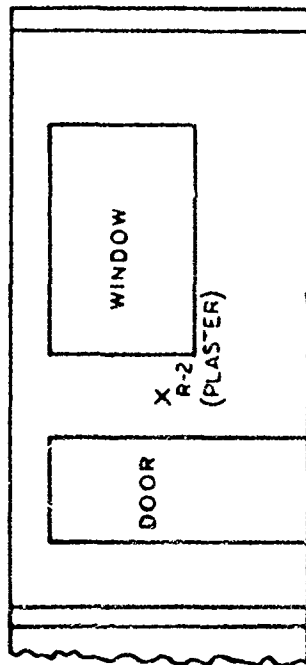
FIG. C-13



ROOF TOP
W 4

DATACRAFT INC.				
DRAWN R. WHITE	SCALE	NONE	REVISIONS	DATE
CHECKED <i>[Signature]</i>				
APPROVED				
DATE 11-22-64				
TITLE			NO. ~~FIG. 9~~	
INSTRUMENT LOCATIONS				

FIG. C-14



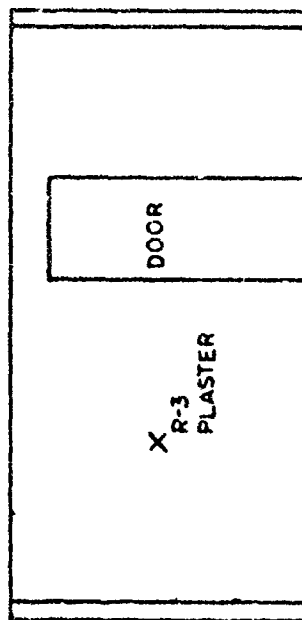
WEST HALL LIVINGROOM

W 4

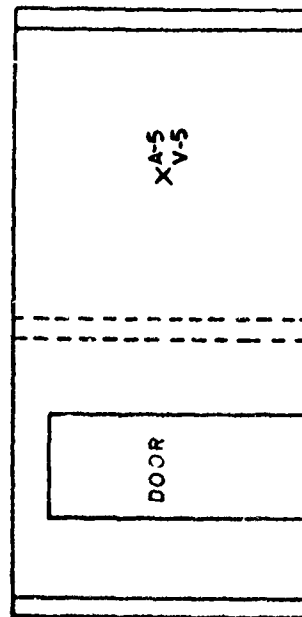
DATA CRAFT INC

DRAWN R. WHITE	SCALE NONE	REVISIONS	DATE
CHECKED J. G.			
APPROVED			
DATE 11-22-64			
TITLE			NO
INSTRUMENT LOCATIONS			FIG. 10

FIG. C-15



WEST WALL BEDROOM NO. 1



SOUTH WALL LIVINGROOM

W 4

DATACRAFT INC.			
DRAWN R. WHITE	SCALE NONE	REVISIONS	DATE
CHECKED R. G.			
APPROVED			
DATE 11-22-64			
TITLE			NO
INSTRUMENT LOCATIONS			FIG. 11

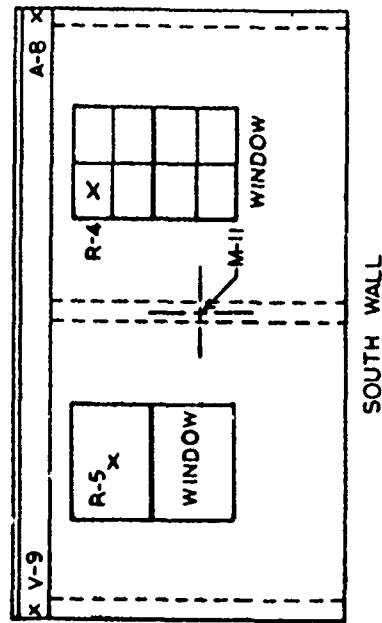
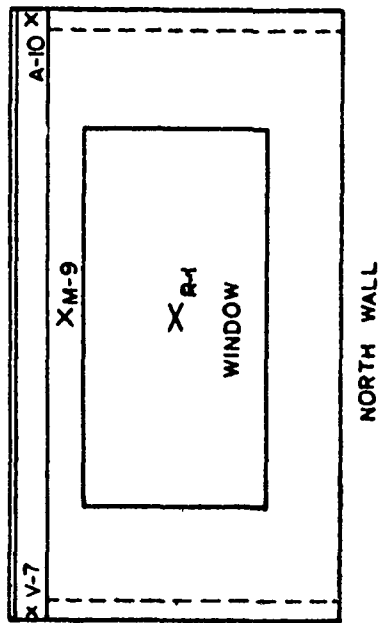
FIG. C-16



NOTE: MIKES 4' OFF FLOOR
ROSETTE STRAIN GAUGE R-1
LOCATED ON PLASTER CEILING

DRAWN R	WHITE	SCALE	NONE	REVISIONS	DATE
CHECKED	<i>g</i>				
APPROVED					
DATE 11-22-64					
TITLE		INSTRUMENT		LOCATIONS	
				F16-12	

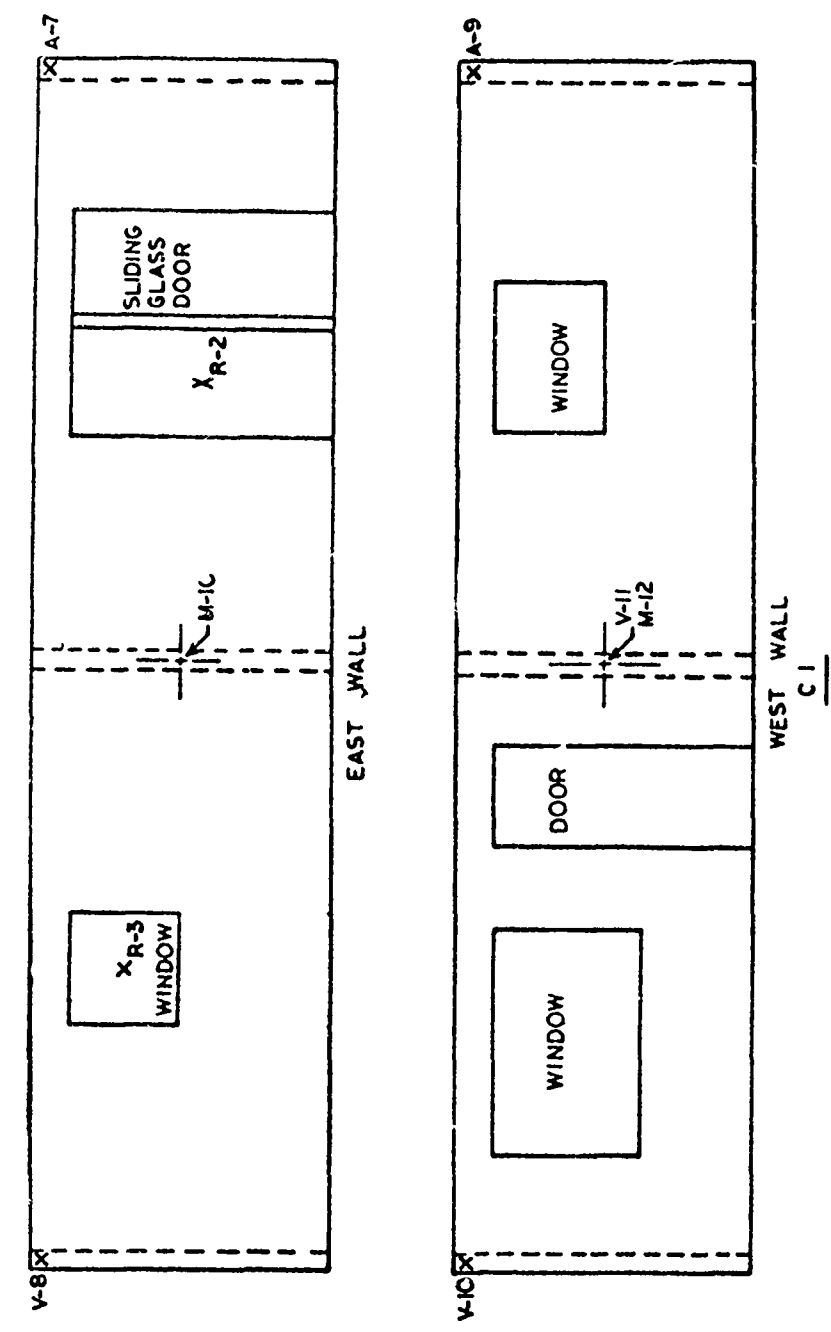
FIG. C-17



C I

DATACRAFT INC.			
DRAWN R. WHITE	SCALE NONE	REVISIONS	DATE
CHECKED <i>[Signature]</i>			
APPROVED			
DATE 11-22-64			
TITLE INSTRUMENT LOCATIONS			NO. ~~FIG-13~~

FIG. C-18



DATACRAFT INC.			
DRAWN R. WHITE	SCALE NONE	REVISIONS	DATE
CHECKED <i>[Signature]</i>			
APPROVED			
DATE 11-22-64			
TITLE		NO. ~~FIG. 14~~	
INSTRUMENT		LOCATIONS	

FIG. C-19

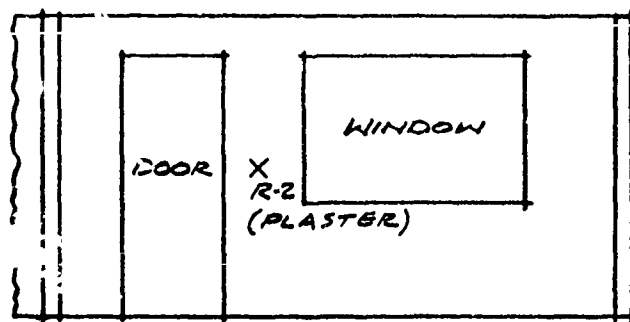
M-13
X
A-11

ROOF TOP
C 1

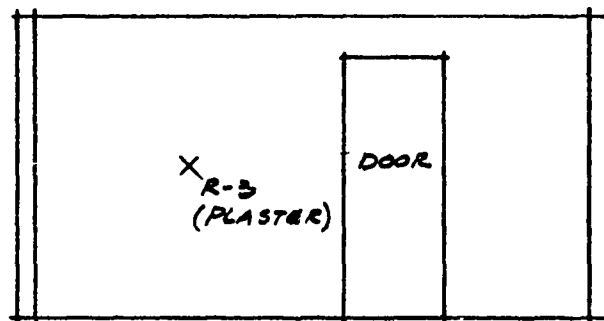
DATA CRAFT INC.

DRAWN R. WHITE	SCALE NONE	REVISIONS	DATE
CHECKED <i>RS</i>			
APPROVED			
DATE 11-22-64			
TITLE		NO.	
INSTRUMENT LOCATIONS		FIG. 15-	

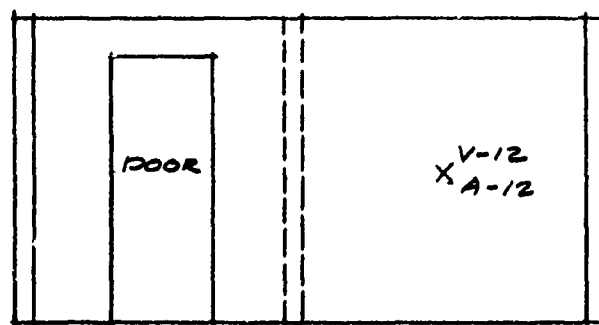
FIG. C-20



WEST WALL LIVINGROOM
C1

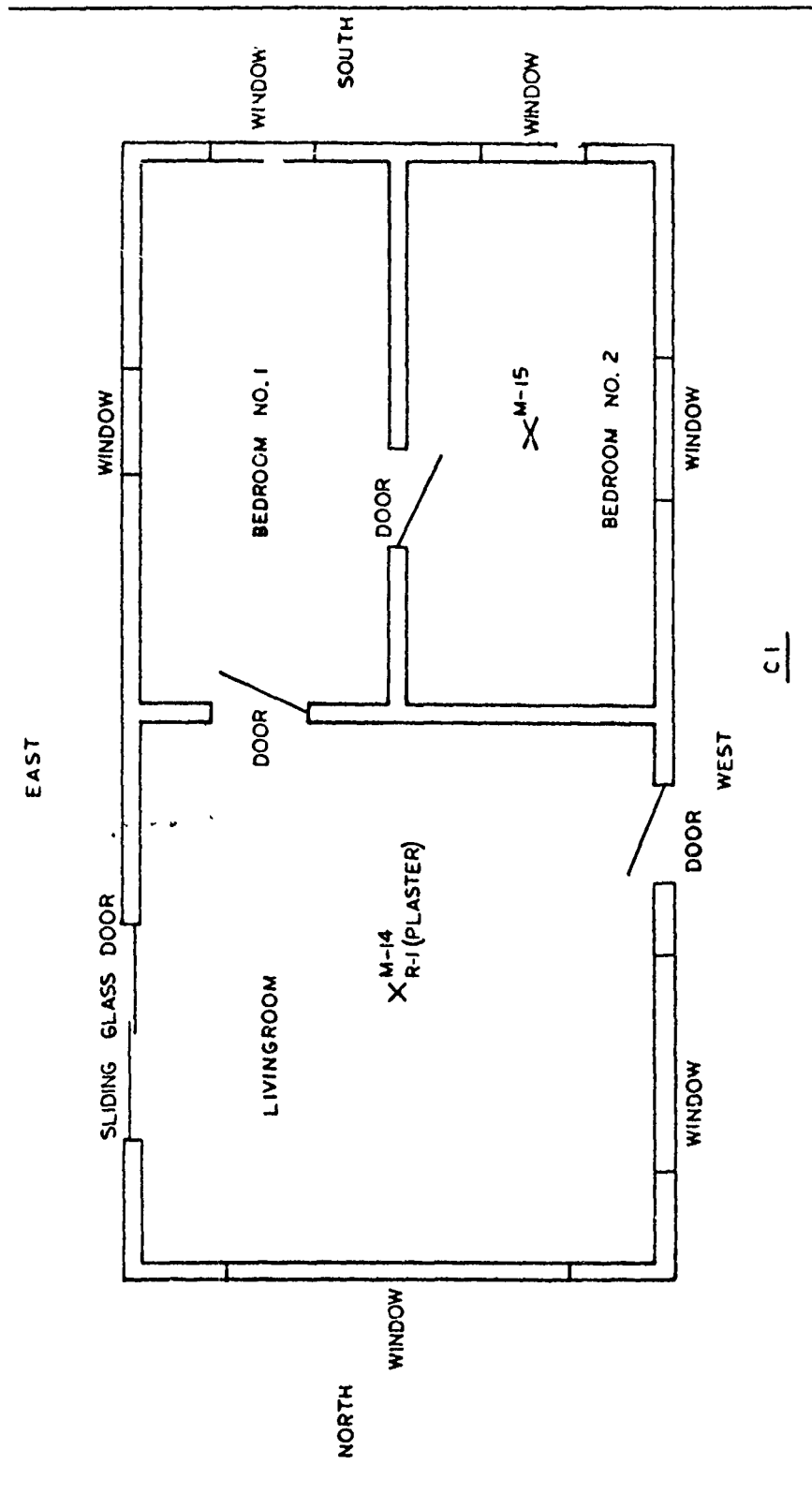


WEST WALL BEDROOM NO. 1
C1



SOUTH WALL LIVINGROOM
C1

11-22-64
FIG. C-21



C 1

NOTE: MIKES 4 OFF FLOOR
ROSETTE STRAIN GJAGE R-1
LOCATED ON PLASTER CEILING

DATA CRAFT INC.

DRAWN	WHITE	SCALE	NONE	REVISIONS	DATE
CHECKED					
APPROVED					
DATE	11-22-64				
TITLE:	INSTRUMENT LOCATIONS				
	NO. ~~FIG-18~~				

FIG. C-22

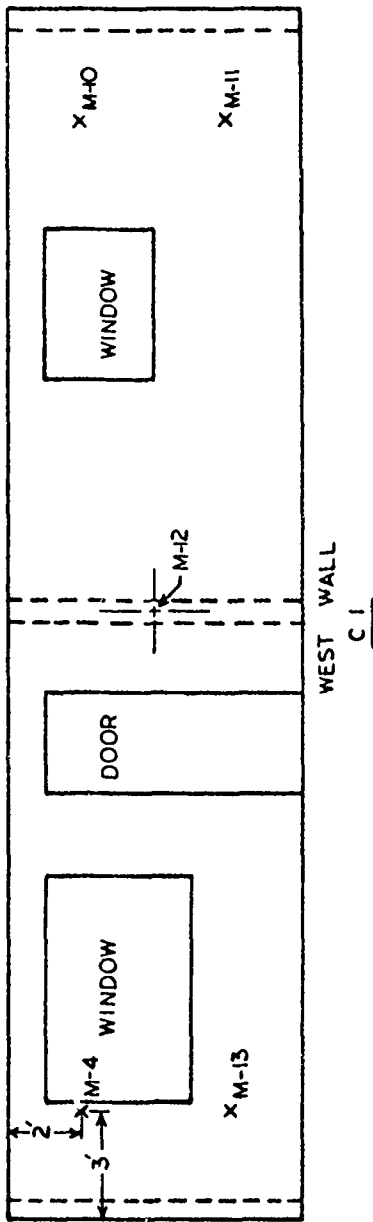
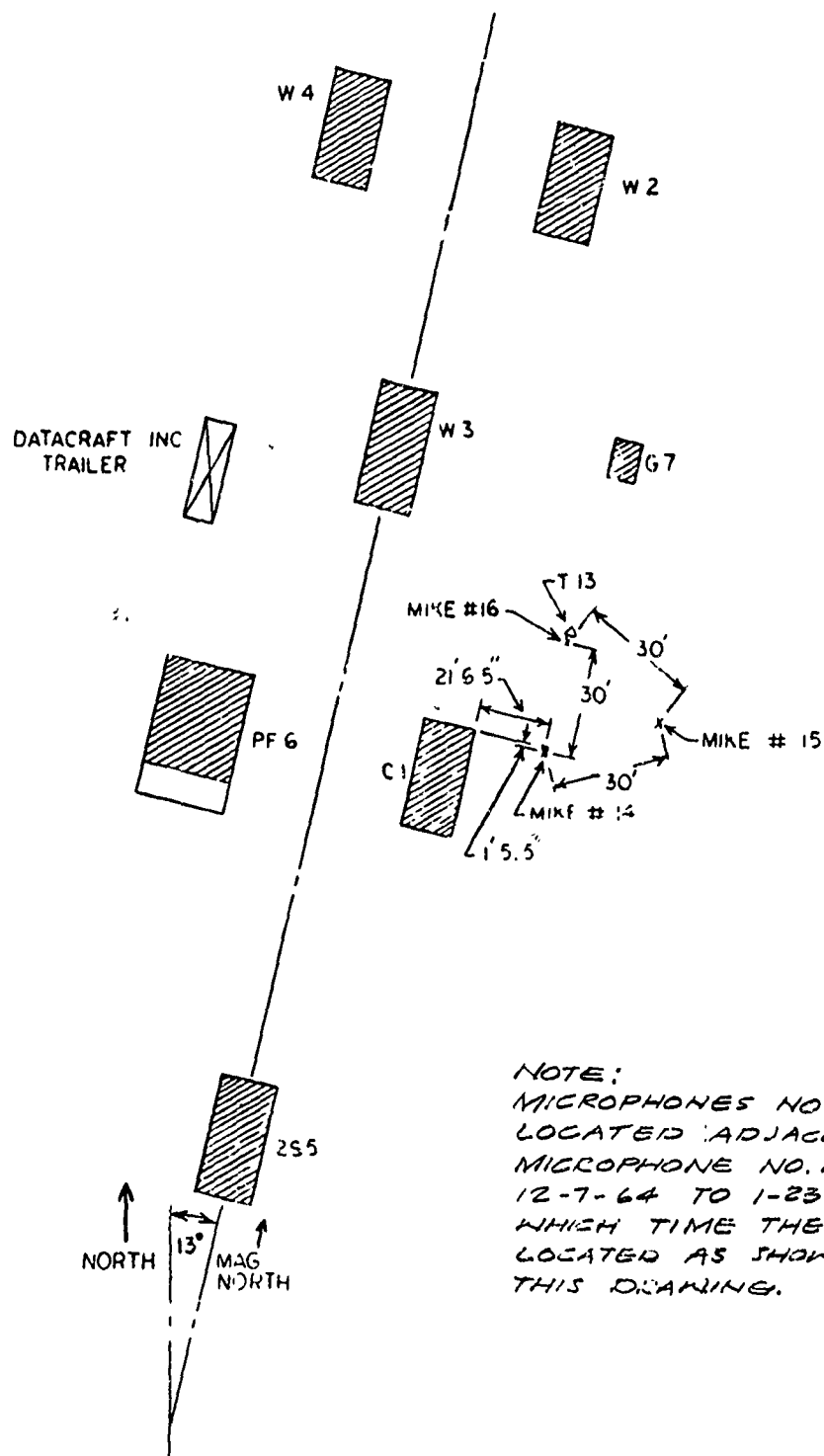


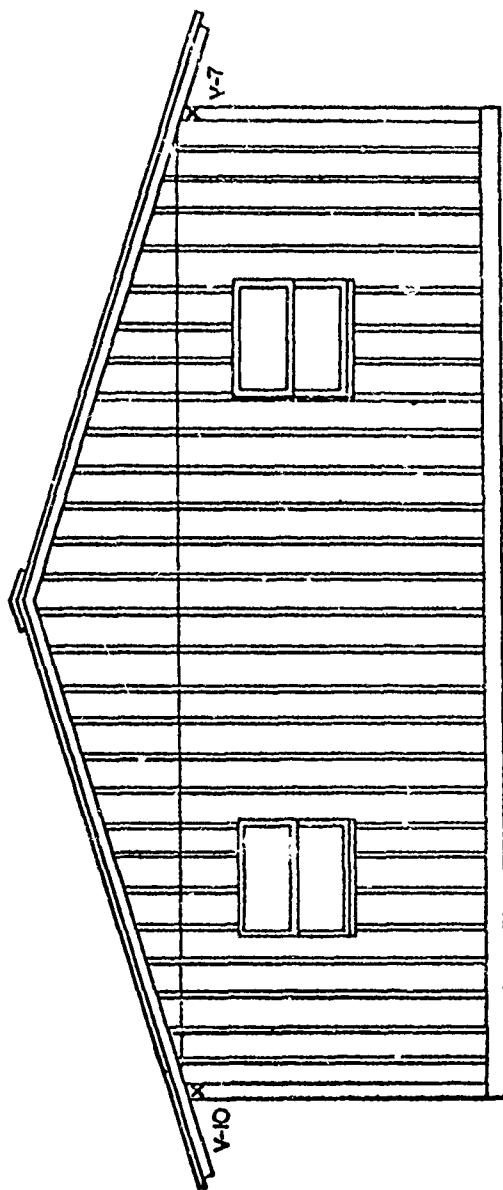
FIG. C-23

DATACRAFT INC.			
DRAWN R. WHITE	SCALE NONE	REVISIONS	DATE
CHECKED <i>R. S.</i>			
APPROVED			
DATE 12-7-64			
TITLE		NO. ~~FIG-19~~	
INSTRUMENT LOCATIONS			



NOTE:
MICROPHONES NO. 14 & 15
LOCATED ADJACENT TO
MICROPHONE NO. 16 FROM
12-7-64 TO 1-23-65 AT
WHICH TIME THEY WERE
LOCATED AS SHOWN ON
THIS DRAWING.

FIG. C-24

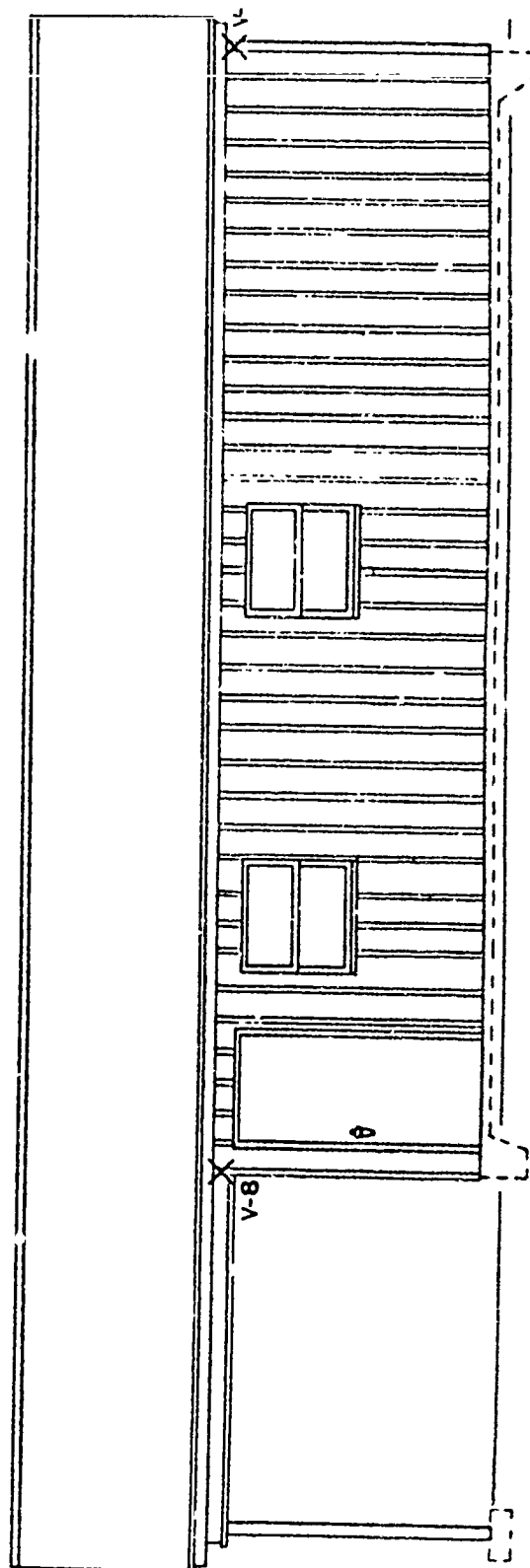


NORTH ELEVATION OF PFG

JAIACRAFT INC.

12-9-64
FIG. C-25

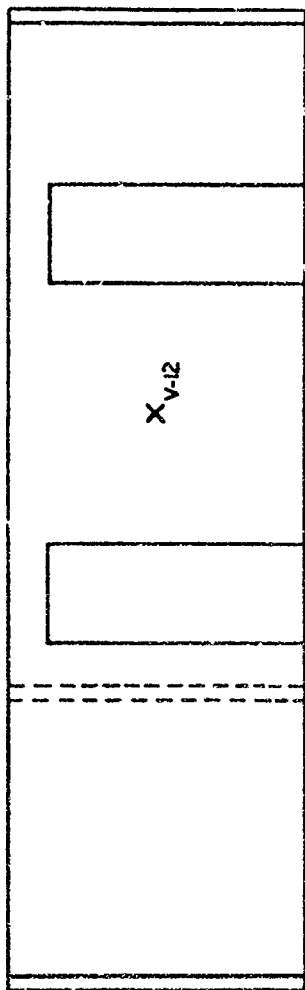
DRAWN R. WHITE		SC	1/4"=1'0"	REVISIONS	DATE
CHECKED					
APPROVED					
DATE 9-12-65					
TITLE		INSTRUMENT		LOCATIONS	NO
					FIG-21-



EAST ELEVATION OF PF6

NOTES: NEW VELOCITY PICKUP LOCATIONS ON 12-9-64

FIG. C-26



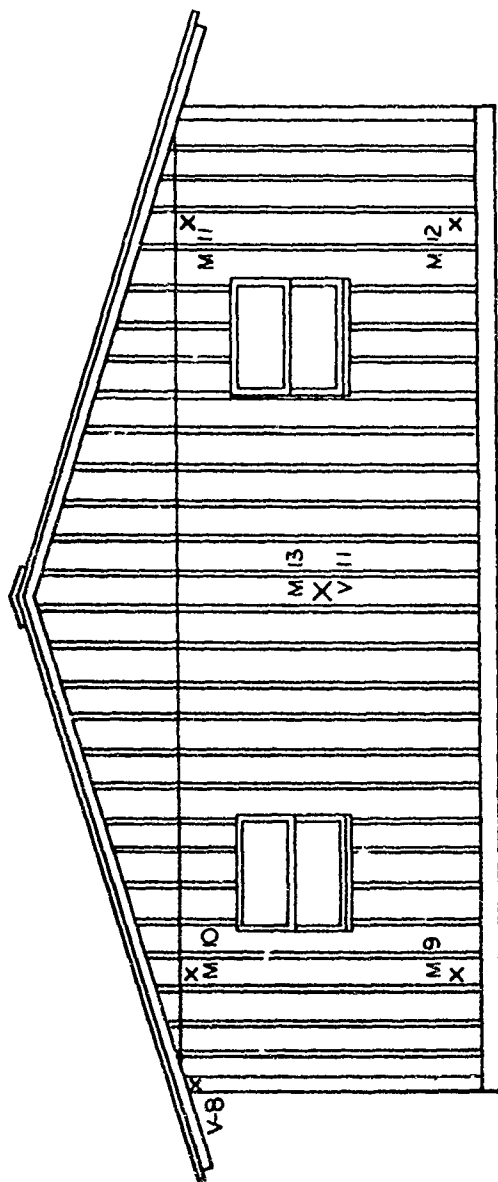
Xv-12

SOUTH INSIDE BEDROOM WALL
OF PF6

DATA CRAFT INC.

FIG. C-27

DRAWN BY WHITE		SCALE 1/4" = 1'-0"	REVISIONS	DATE
CHECKED				
APPROVED				
DATE 1-15-65				
TITLE		INSTRUMENT LOCATION		NO
				FIG-23-



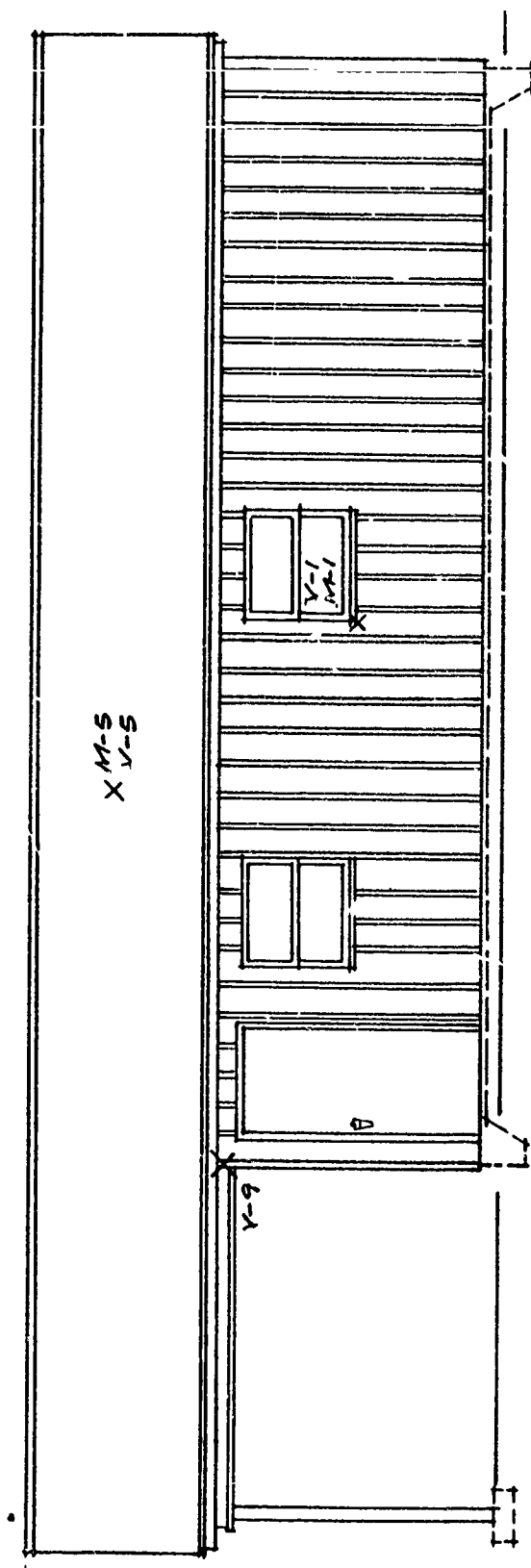
NORTH ELEVATION OF PF6

NOTE: VELOCITY PICKUPS NO. 8 & 11 LOCATED AS PER DWG. ON 1-15-65. ALL OTHER INSTRUMENTS LOCATED AS PER DWG. ON 1-24-65.

DATA CRAFT INC.

DRAWNR. WHITE		SCALE 1/4" = 1' 0"	REVISIONS	DATE
CHECKED	<i>[Signature]</i>			
APPROVED				
DATE	1-15-65			
TITLE	INSTRUMENT	LOCATIONS	NO. FIG. 24	

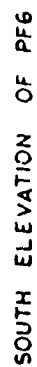
FIG. C-28



PARTIAL EAST ELEVATION OF PFG

NOTE. VELOCITY PICKUP NO. 9
LOCATED AS PER DWG.
ON 1-15-65.
OTHER INSTRUMENTS
LOCATED AS PER DWG.
ON 1-24-65

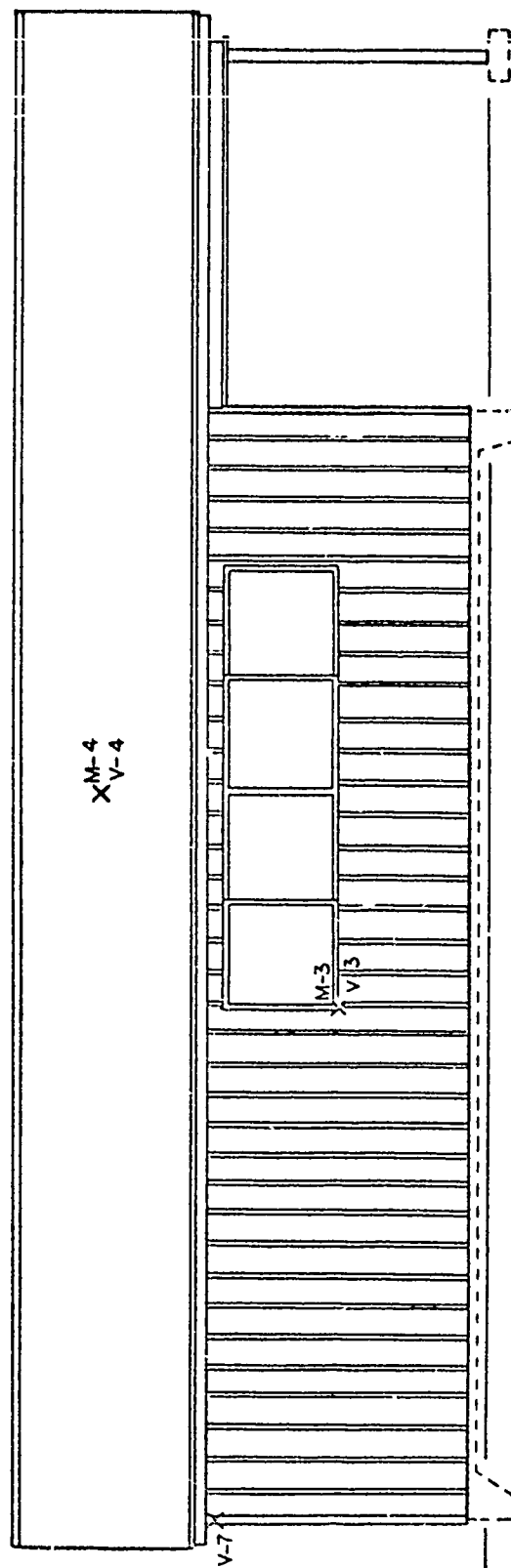
FIG. C-29



NOTE: VELOCITY PICKUP NO. 10 AS
PER DWG. ON 1-15-65

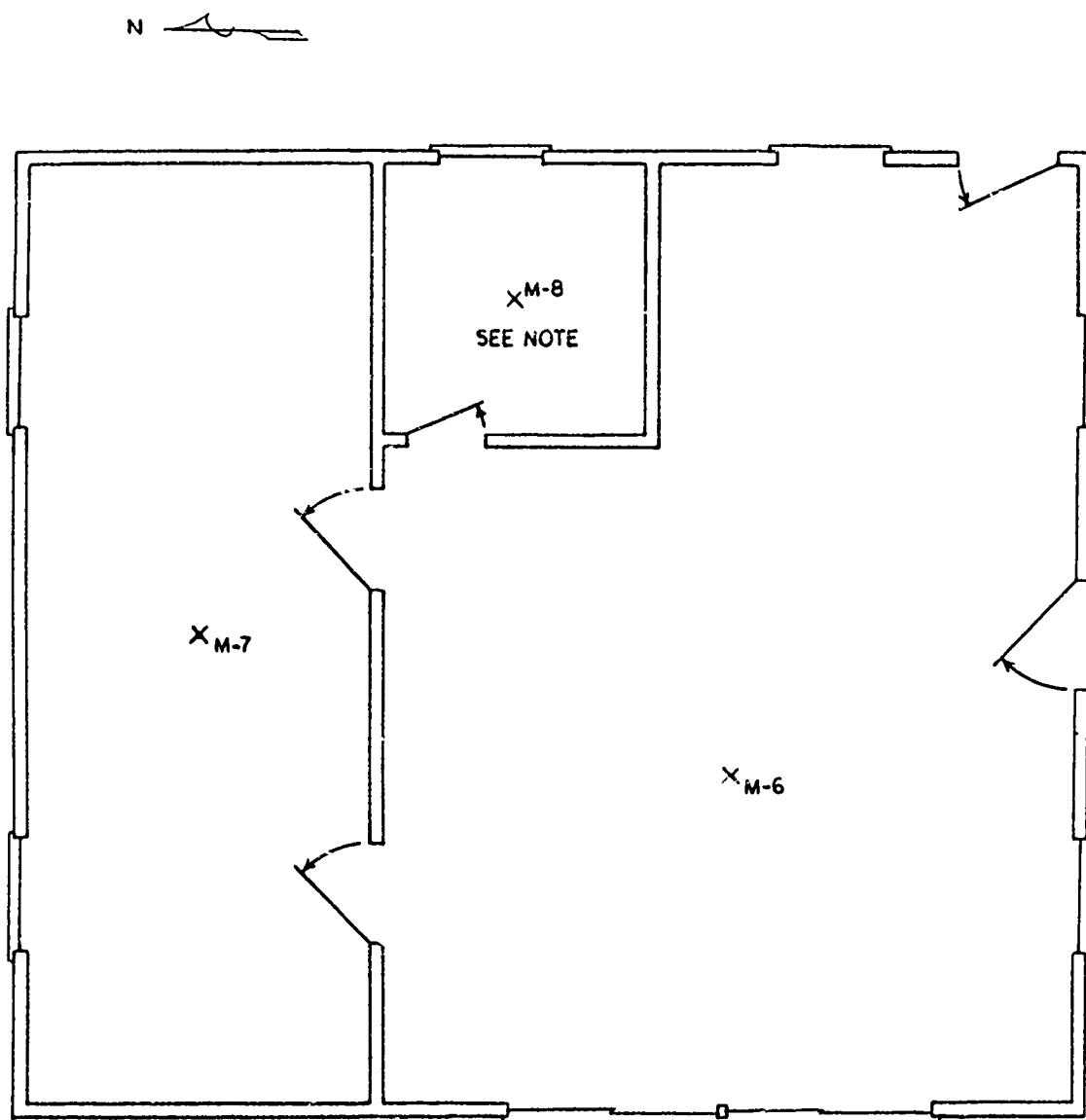
DATA CRAFT INC.

DRAWN R. WHITE		SCALE $\frac{1}{4}'' = 1'0''$	REVISIONS	DATE
CHECKED	<i>[Signature]</i>			
APPROVED				
DATE	1-24-65			
TITLE		INSTRUMENT		LOCATIONS
				FIG. 126



WEST ELEVATION OF PF6

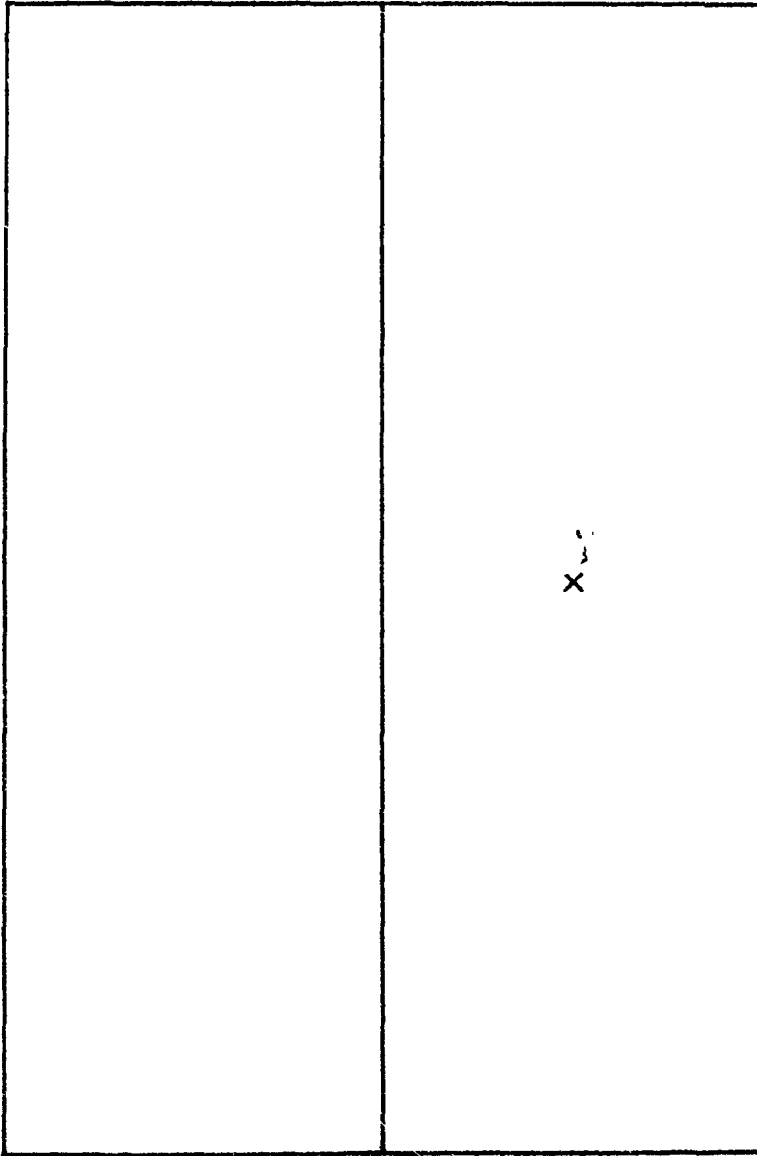
1-24-65
FIG. C-31



FLOOR PLAN FOR PF6

NOTE: MIKE NO. 8 RELOCATED IN ATTIC SPACE
OF PF-6 DIRECTLY OVER MIKE NO. 6 ON
1-28-65. MIKES M-6, 7 & 8 SUSPENDED 2'
ABOVE FLOOR.

FIG. C-32



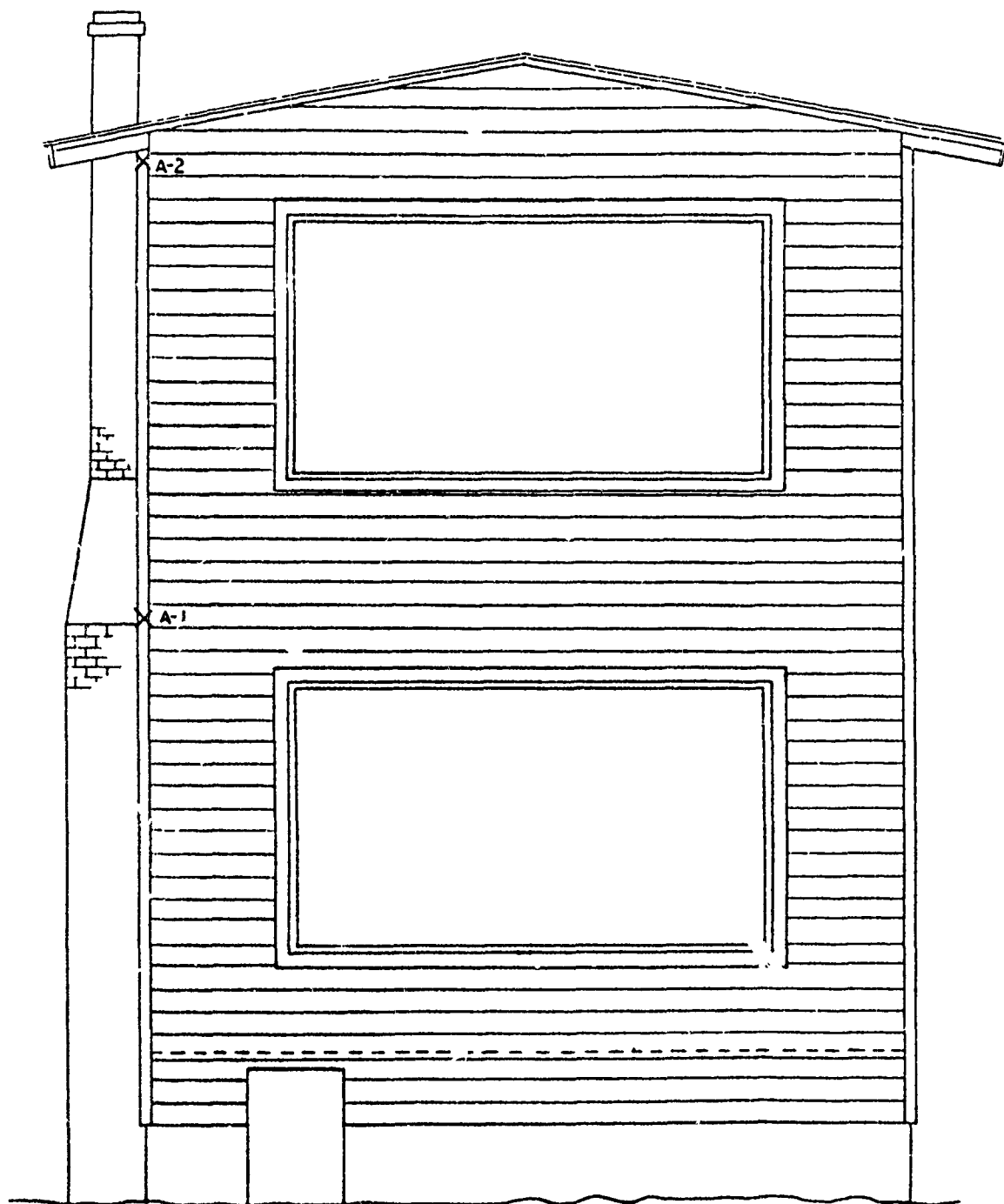
N ↑

TOP VIEW OF -STORE FRONT BUILDING -

DATA CRAFT INC.

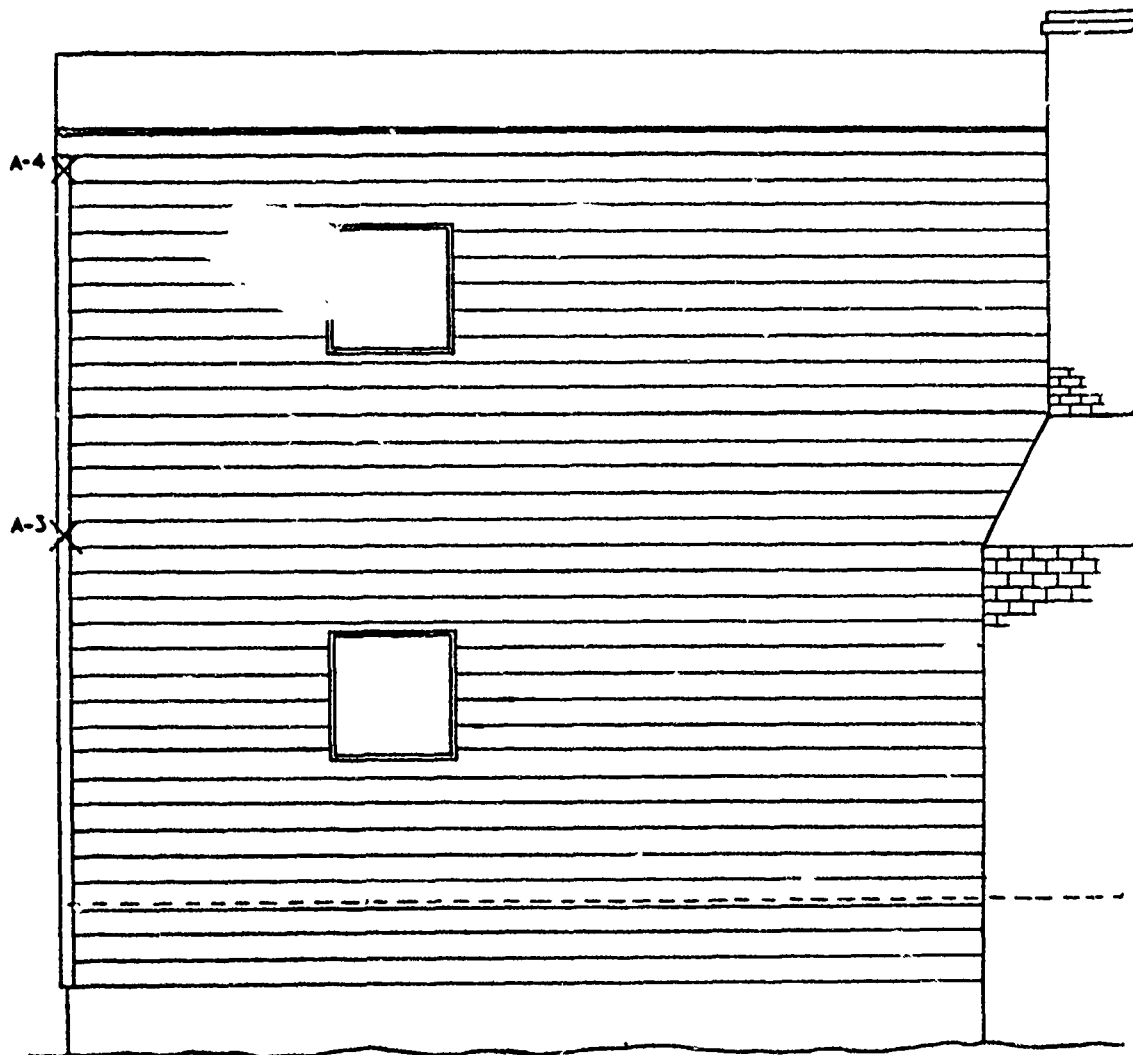
DRAWN R. WHITE	SCALE 1/8"=1'0"	REVISIONS	DATE
CHECKED <i>WJ</i>			
APPROVED			
DATE 1-29-65			
TITLE	INSTRUMENT	LOCATIONS	NO. ~~FIG. 29~~

FIG. C - 33



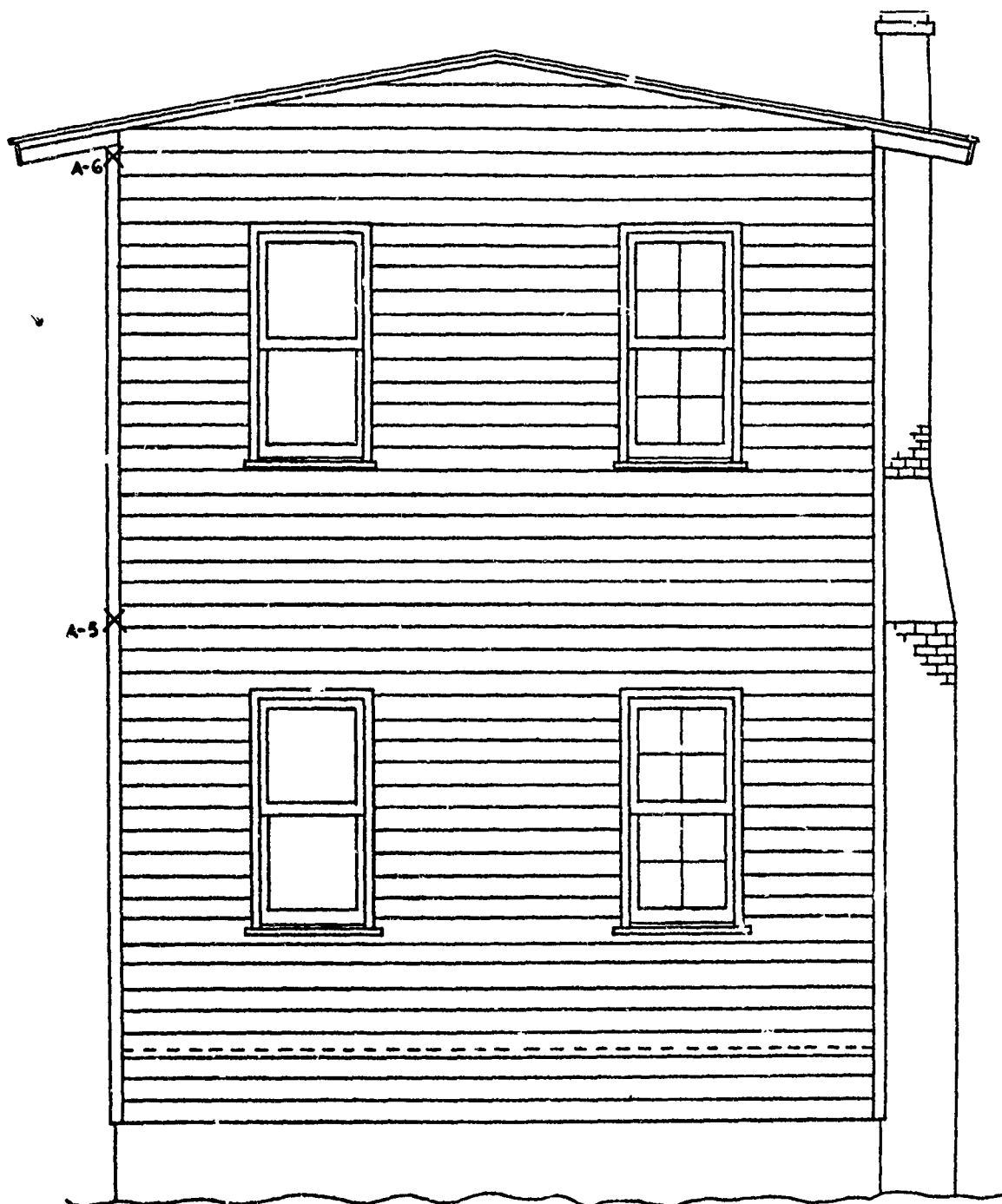
NORTH ELEVATION OF 255

1-29-65
FIG. C-34



EAST ELEVATION OF 255

1-29-65
FIG. C-35



SOUTH ELEVATION OF 255

1-29-65
FIG. C-36



PARTIAL WEST ELEVATION OF 2S5

1-29-65
FIG. C-37

X A-10

X A-9

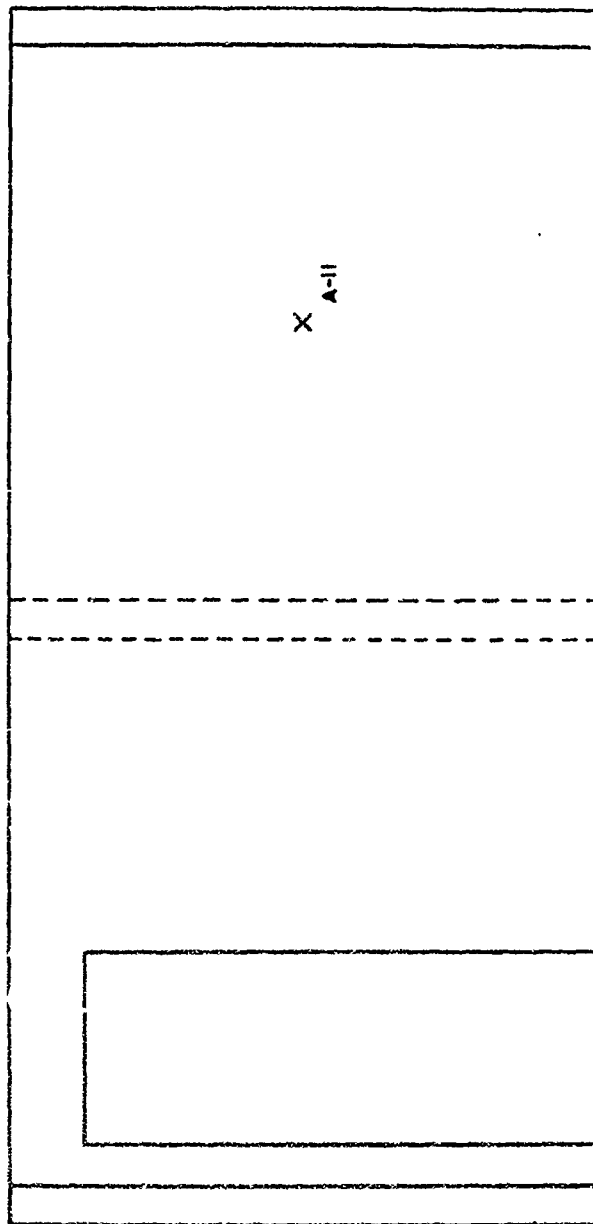
ROOF TOP
255

DATA CRAFT INC.

DRAWN R. WHITE	SCALE NONE	REVISIONS	DATE
CHECKED <i>g</i>			
APPROVED			
DATE 12-29-64			

TITLE	NO
INSTRUMENT LOCATIONS	FIG. 34

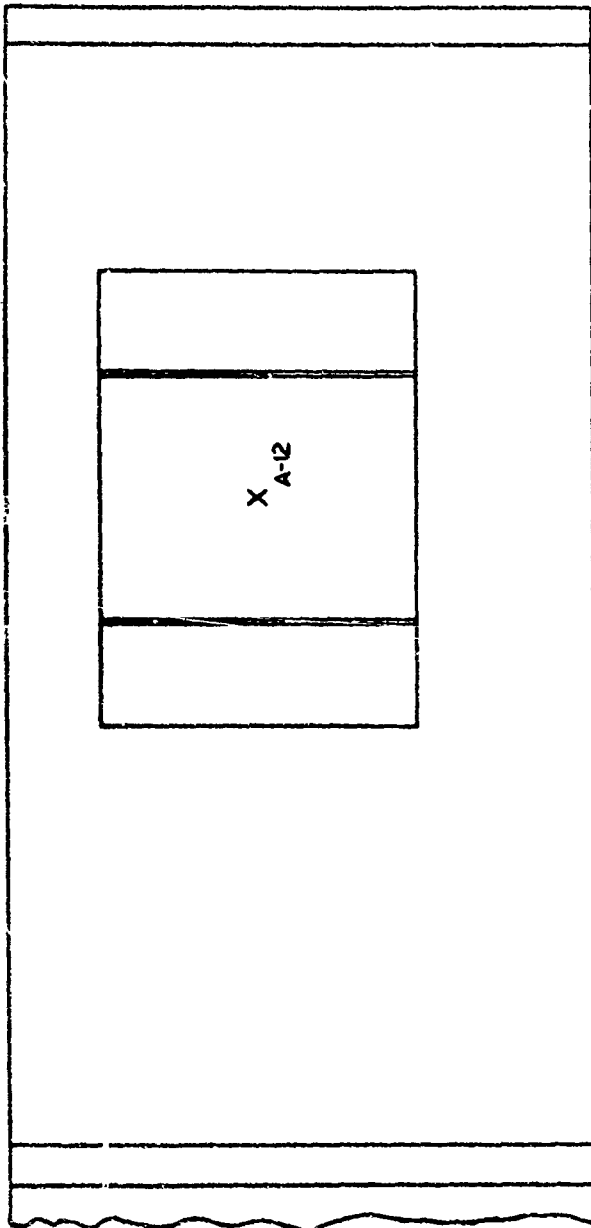
1-29-65
FIG. C-38



NORTH WALL OF LARGE ROOM 2ND FLOOR OF 255

DATACRAFT INC			
DRAWN R. WHITE	SCALE 1/2" = 1' 0"	REVISIONS	DATE
CHECKED <i>7/9/64</i>			
APPROVED			
DATE <i>12-23-64</i>			
TITLE	INSTRUMENT	LOCATIONS	NO. <i>FIG-35</i>

1-29-65
FIG. C-39

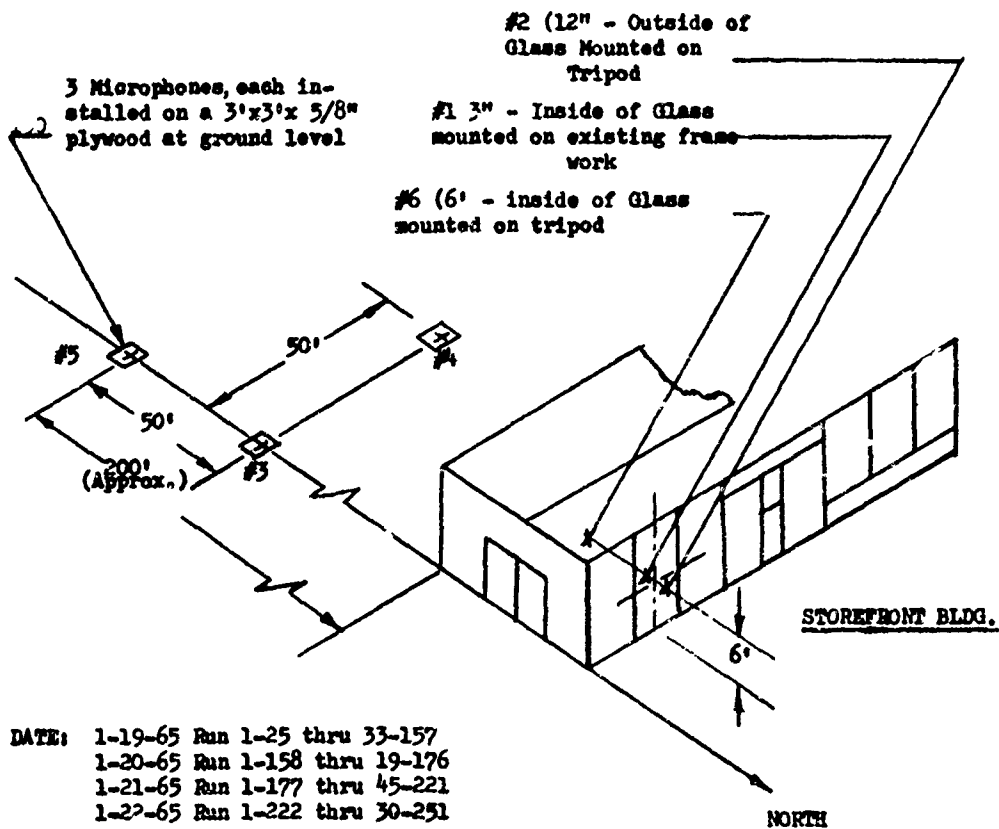


WEST WALL OF LARGE ROOM 2ND FLOOR OF 255

DATA CRAFT INC.

DRAWN R	WHITE	SCALE 1/2" = 1' 0"	REVISIONS	DATE
CHECKED	<i>R. J. H.</i>			
APPROVED				
DATE	12-29-64			
TITLE		INSTRUMENT		LOCATIONS
				NO. FIG. 36

1-29-6
FIG C-10

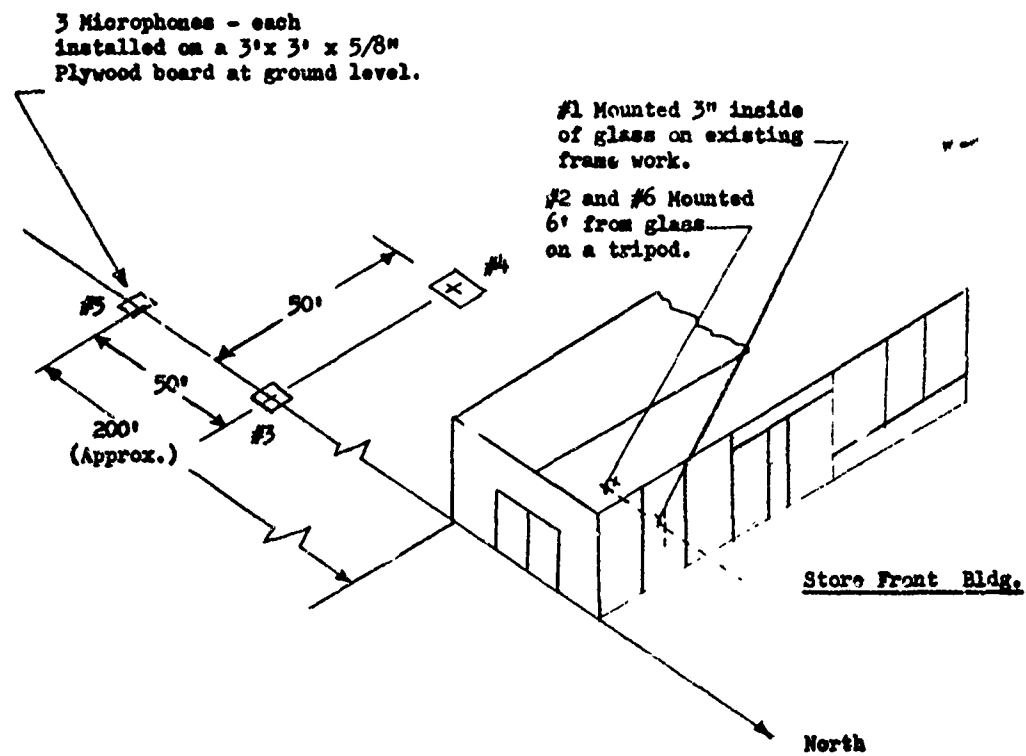


ENCL.		REVISED	DATE	MICROPHONE LOCATION (Initial Installation) Configuration M THE BOEING COMPANY RENTON, WASHINGTON	FIG. 10
CHECK					D6-17485
APR					Page 21
APR					

TD 1017-00

FIG. C-41

6-7000



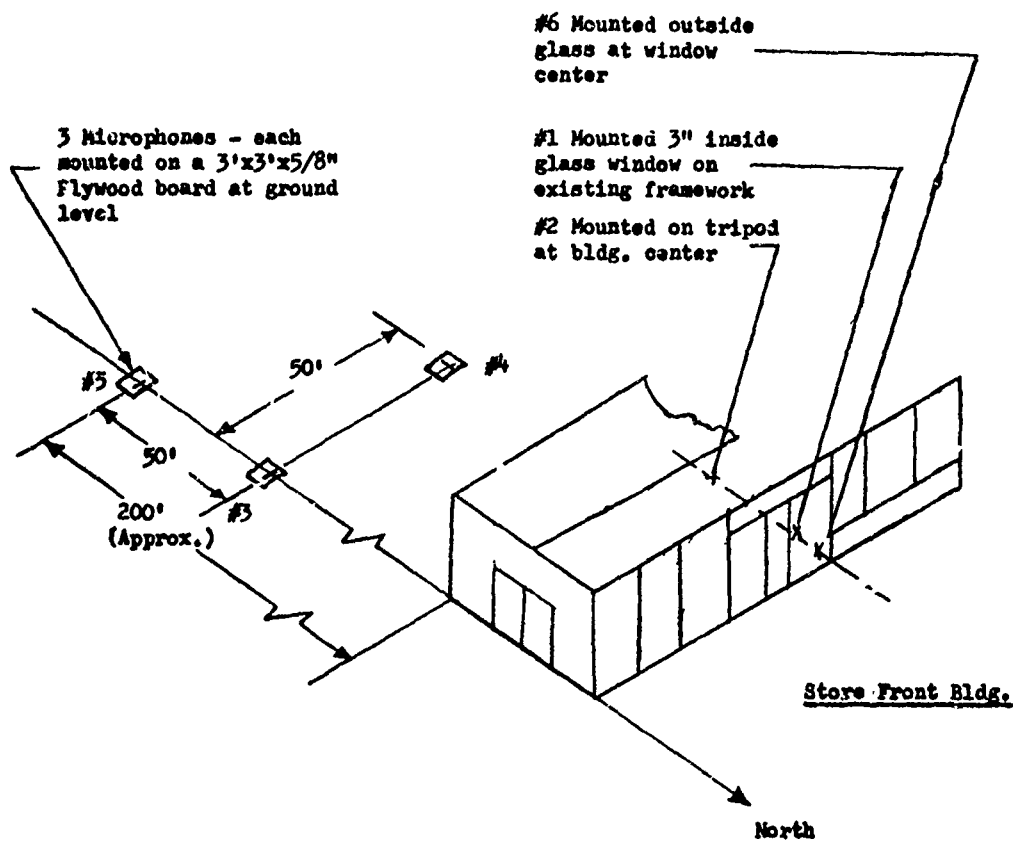
DATE: 1-22-65 Run 31-252 thru 33-254

CALC			REVISED	DATE	MICROPHONE LOCATION DIAGRAM CONFIGURATION N	FIG. 11
CHECK						D6-17485
APR					THE BOEING COMPANY RENTON, WASHINGTON	PAGE
APR						22

70 1017 RS

FIG. C-42

6-7000



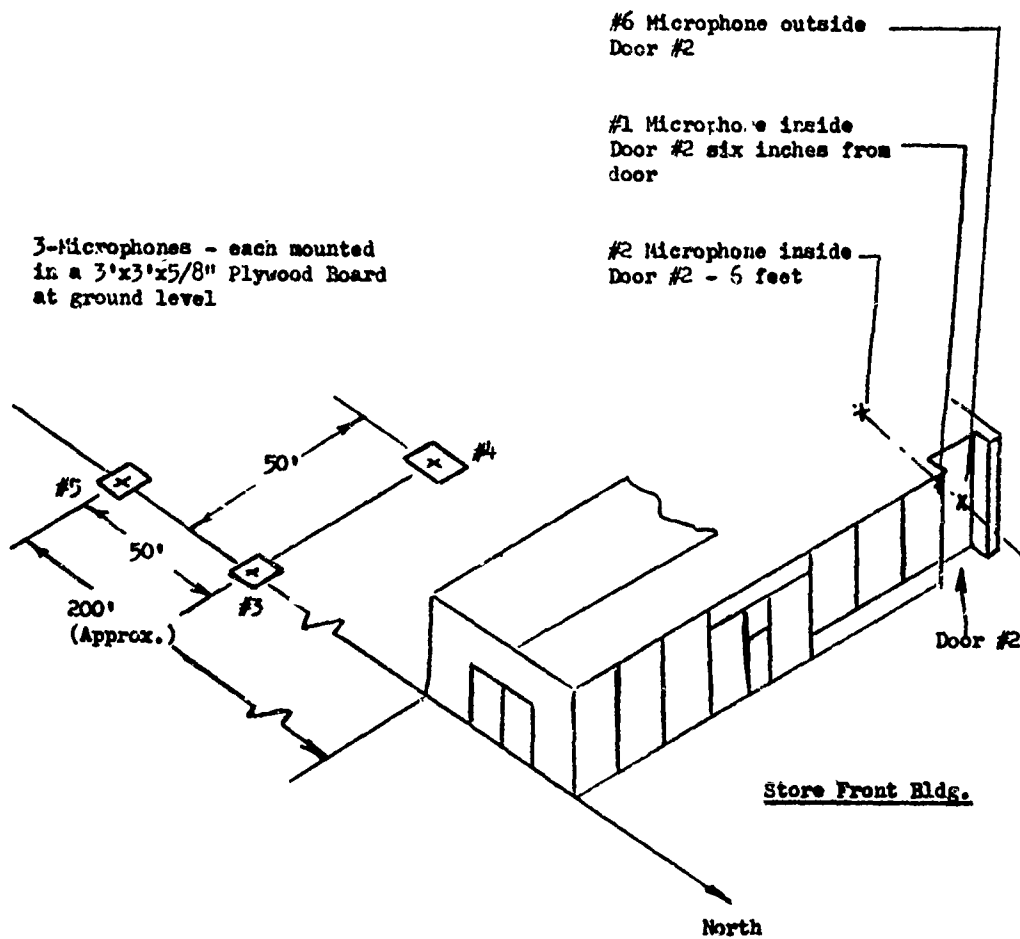
DATE: 1-23-65 Run 1-255 thru 50-304
1-24-65 Run 1-374 thru 52-425

CAIC			REVISED	DATE	MICROPHONE LOCATION DIAGRAM CONFIGURATION P THE BOEING COMPANY RENTON, WASHINGTON	FIG. 12
CHECK						D6-17485
APR						PAGE
APR						23

VR 1017-00

FIG. C-43

6-7000



DATE: 1-25-65 Run 1-344 thru 30-373
 1-26-65 Run 1-374 thru 52-425

ENGR.			REVISED	DATE	MICROPHONE LOCATION DIAGRAM CONFIGURATION Q THE BOEING COMPANY RENTON WASHINGTON	~~FIG. 13~~
CHECK						D6-17485
APR						Page 24

TD 1017-00

FIG. C-44 17000

#6 Mounted outside center of north roof.

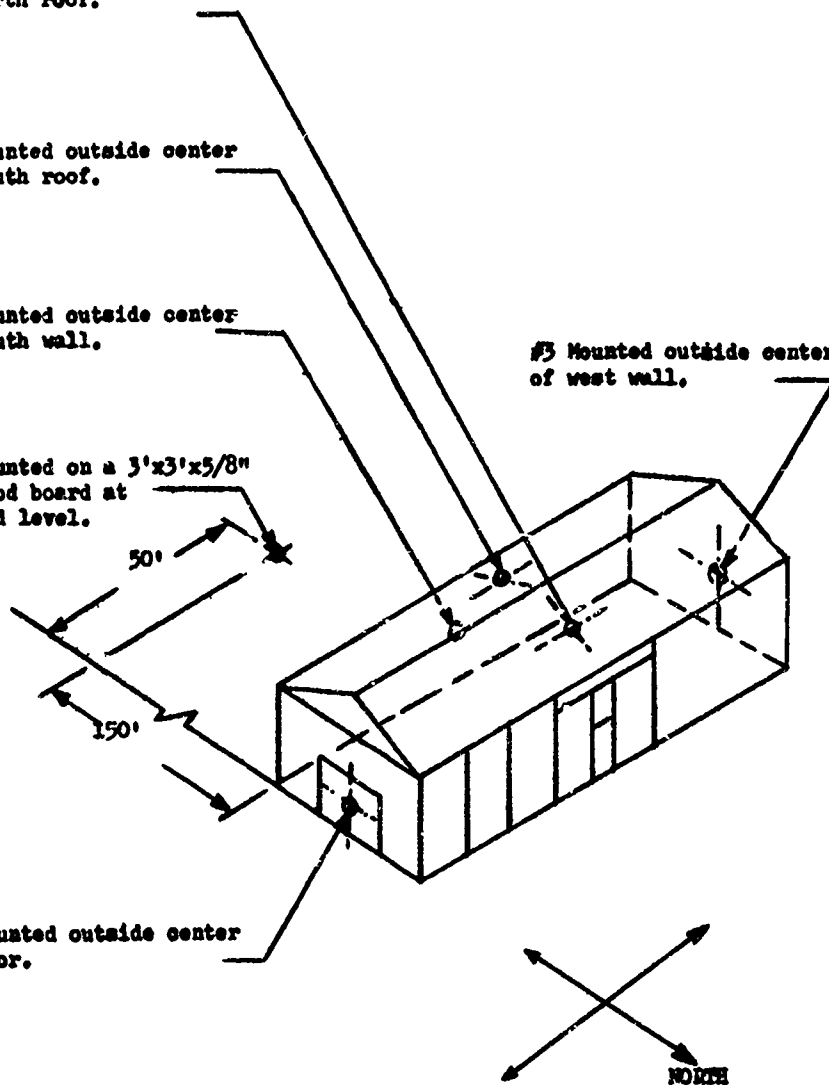
#5 Mounted outside center of south roof.

#2 Mounted outside center of south wall.

#3 Mounted outside center of west wall.

#4 Mounted on a 3'x3'x5/8" plywood board at ground level.

#1 Mounted outside center of door.



DATE: 1-27-65 Run 1-426 thru 30-455
1-28-65 1-556 thru 39-494

SNGL			REVISED	DATE	MICROPHONE LOCATION DIAGRAM CONFIGURATION R	~~Fig. 34~~
CHECK						D6-17485
APR					THE BOEING COMPANY RENTON, WASHINGTON	Page 25
APR						

TD 1017-20

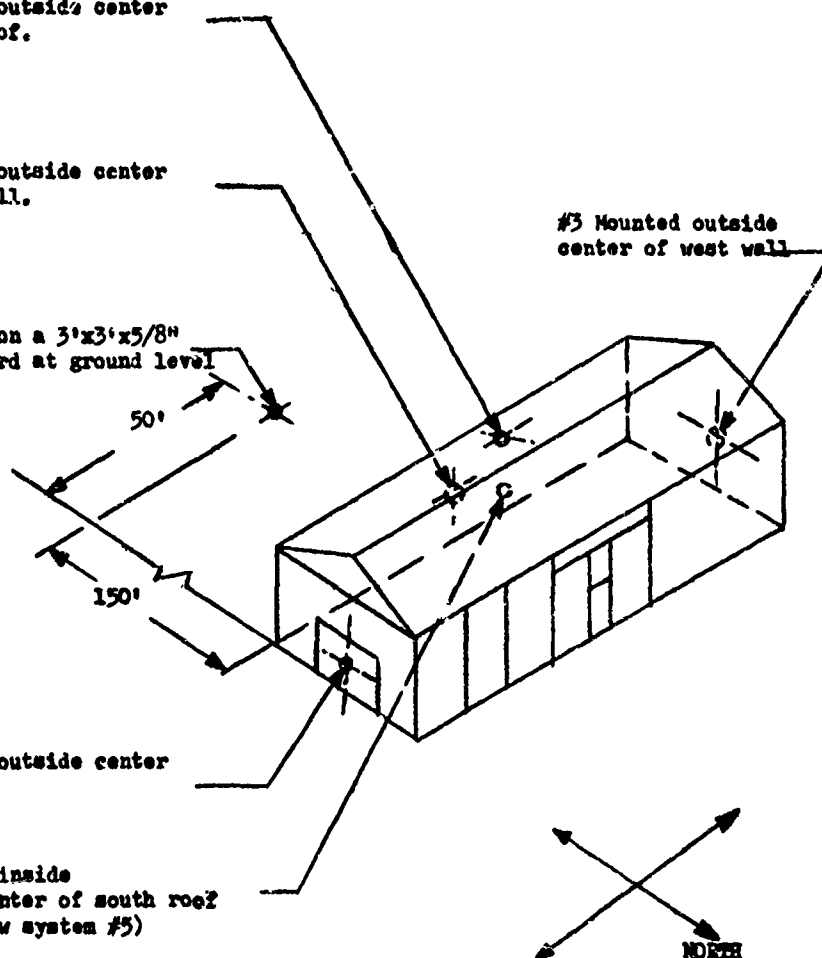
FIG. C-45 8-7000

#5 Mounted outside center of south roof.

#2 Mounted outside center of south wall.

#3 Mounted outside center of west wall

#4 Mounted on a 3'x3'x5/8" plywood board at ground level



#1 Mounted outside center of door.

#6 Mounted inside 2' below center of south roof (2' below system #5)

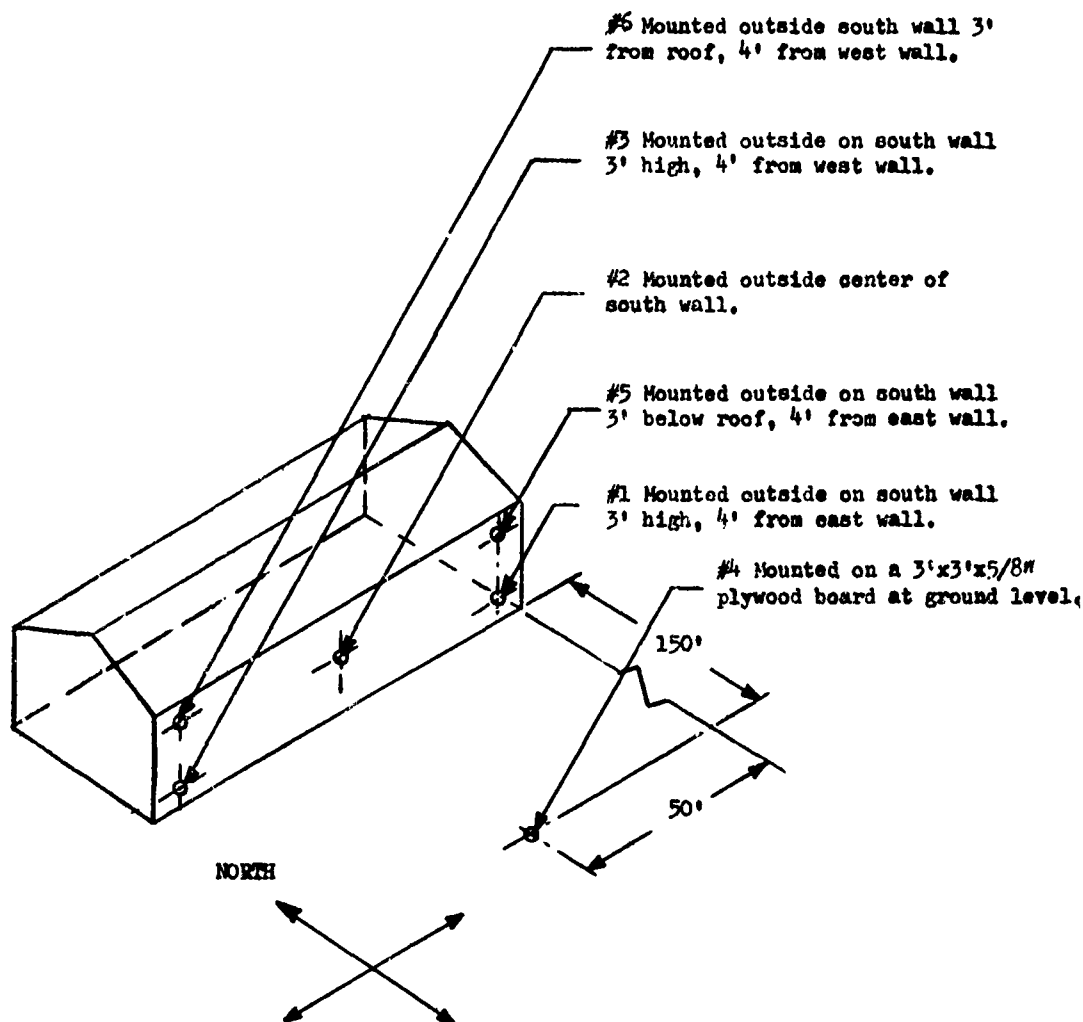
DATE: 1-29-65 Run 1-495 thru 35-529
1-30-65 Run 1-530 thru 30-559

Calc			REVISED	DATE	MICROPHONE LOCATION DIAGRAM CONFIGURATION 8	FIG. 15
CHECK						D6-17485
APR						
APR						
					THE BOEING COMPANY RENTON, WASHINGTON	PAGE 26

TD 1017-00

FIG. C-46

6-7000



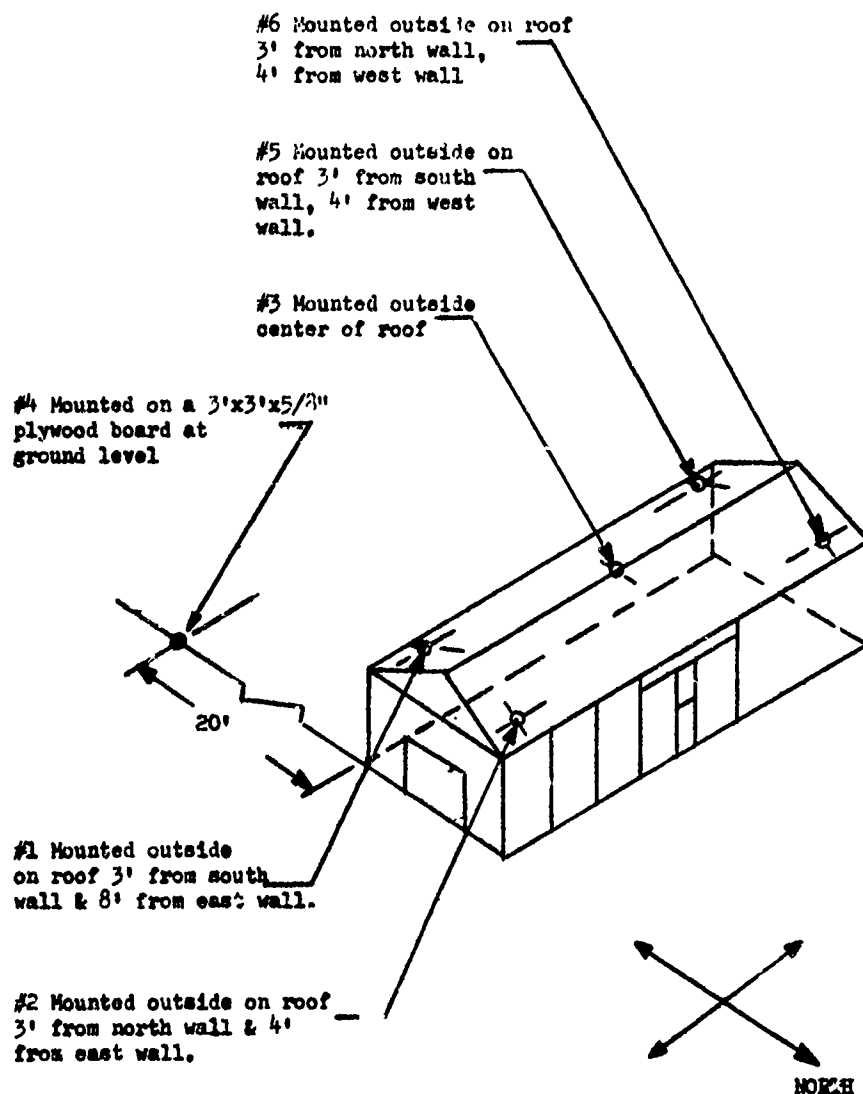
DATE: 1-31-65 Run 1-560 thru 30-589
2-1-65 Run 1-590 thru 31-620

CALC			REVISED	DATE	MICROPHONE LOCATION DIAGRAM CONFIGURATION T	~~FIG. 16~~
CHECK						D6-17485
APP						PAGE
APP						~~27~~
					THE BOEING COMPANY RENTON, WASHINGTON	

TD 1717-20

FIG. C-47

6-7000



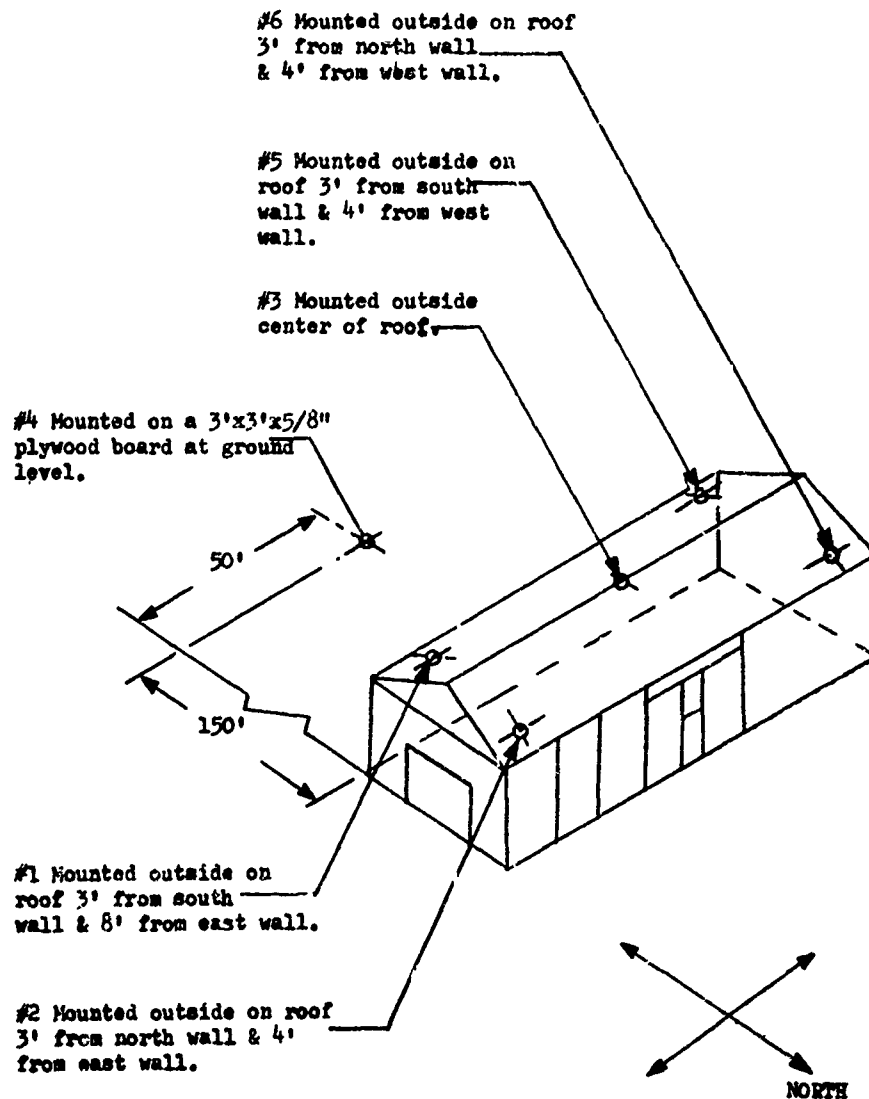
DATE: 2-3-65 Run 1-651 thru 14-664

ENGR.		REVISED	DATE	MICROPHONE LOCATION DIAGRAM	~~FIG. 17~~
CHECK				CONFIGURATION U1	D6-17485
APR				THE BOEING COMPANY	~~FIG. 28~~
PR				RENTON, WASHINGTON	

TD 1017-06

FIG. C-48

6-7000



DATE: 2-2-65 Run 1-621 thru 30-650
2-3-65 Run 15-665 thru 30-680

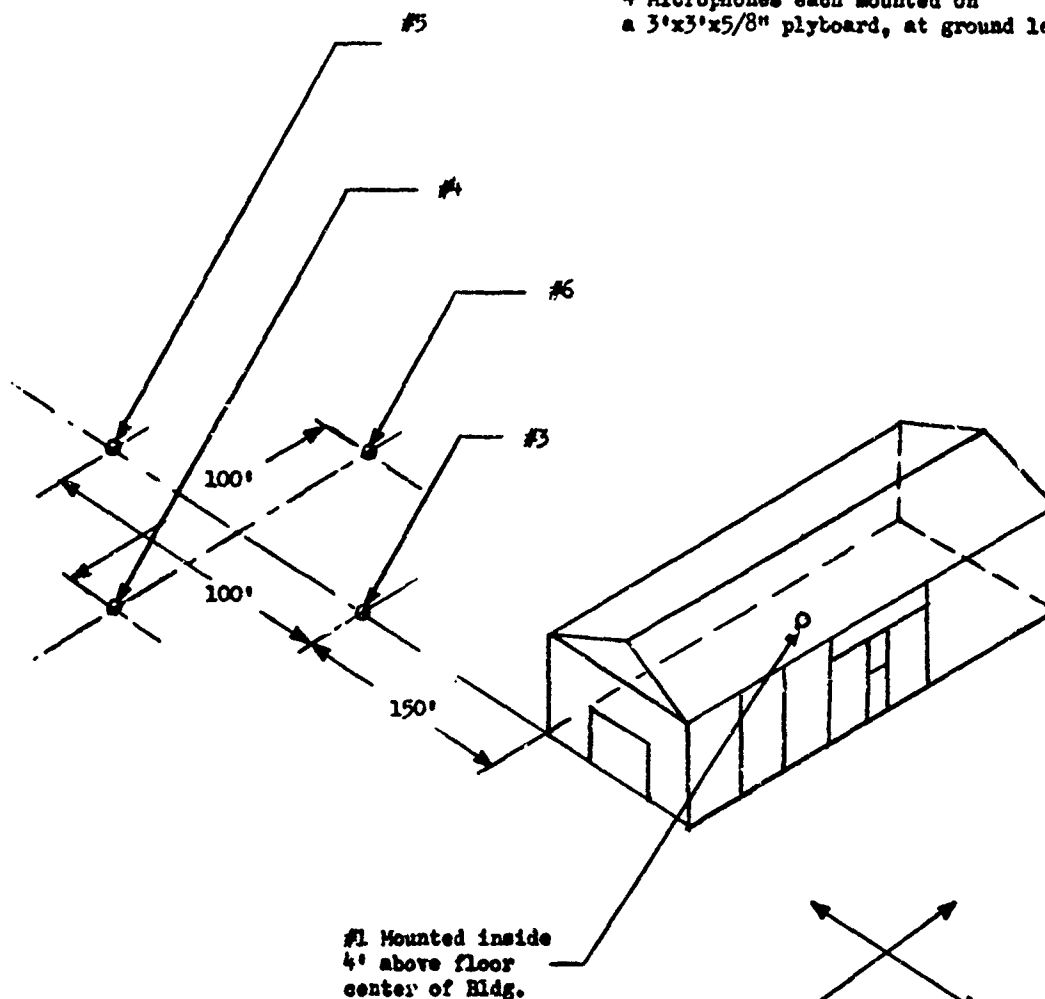
CALC			REVISED	DATE	MICROPHONE LOCATION DIAGRAM CONFIGURATION U2	FIG. 49
CHECK						D6-17485
APP					THE BOEING COMPANY RENTON, WASHINGTON	PAGE
APP						29

TD 1017 RS

FIG. C-49

6-7000

4 Microphones each mounted on
a 3'x3'x5/8" plyboard, at ground level.



DATE: 2-4-65 Run 1-681 thru 30-710
2-5-65 Run 1-711 thru 30-740
2-6-65 Run 1-741 thru 30-770
2-7-65 Run 1-771 thru 22-792
2-8-65 No Data
2-9-65 Run 1-793 thru 5-797
2-10-65 Run 1-798 thru 6-803

CALC			REVISED	DATE	MICROPHONE LOCATION DIAGRAM CONFIGURATION V THE BOEING COMPANY RENTON, WASHINGTON	FIG. 19
CHECK						D6-17485
APR						PAGE
APR						30

TD 1017-R5

FIG. C-50

6-7000

Appendix D

LOADING AND RESPONSE DATA

COMPILED
BY

STRUCTURAL RESPONSE PROGRAM

DATE 12-15-74
HOUSE C-1

Phase 2-B				PRESSURE (p.s.f.)					ACCELERATION (g)										
1-15-65	Run	At	Time	9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
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				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9	10	11	12					
				9	10	11	12	13	7	8	9								

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STRUCTURAL RESPONSE PROGRAM

DATE 12-15-74
HOUSE C-1

PHASE 2-B				PRESSURE (p.s.f.)					ACCELERATION (g)																			
1-15-65				Run	9	10	11	12	13	7	8	9	10	11	12													
Run	At	Time	Alt	AV	WALL IN	WALL UP	WALL LB	WALL S	WALL IN	WALL UP	WALL LB	WALL S	WALL IN	WALL UP	WALL LB	WALL S												
20-20	12	125	C	63	47	39	24	23	4.8	0.06	0.05	0.16	NR	125	127													
21-21	12	125	G	61	48	37	26	34	2.4	0.11	0.05	0.16		1060	1795													
22-22	12	125	H	43	24	28	28	34	1.6	0.11	0.05	0.02		190	578													
23-23	12	125	D	56	47	50	65	60	4.2	0.06	0.05	0.16		170	162													
24-24	12	125	H	93	43	41	44	44	3.1	0.11	0.11	0.16		277	289													
25-25	12		A	51	39	34	35	26	2.7	0.06	0.05	0.02		270	1553													
26-26	12	125	F	50	36	27	35	34	1.9	0	0.05	0.16		96	1110													
27-27	12	125	A	51	52	25	41	26	2.6	0	0.05	0.02		250	283													
28-28	12	125	B	55	36	28	28	NR	1.8	0.06	0.05	0.02		200	1603													
29-29	12	125	E	45	34	32	35	34	2.1	0.06	0.05	0.02		170	631													
End																												

D-1

D-1

DATE 15-65: 1-20-65
HOUSE C-1

Phase 2-B				PERFORMANCE (1)					ACCELERATION (2)					
Run	Alt	Wt	Age	9	10	11	12	13	7	8	9	10	11	12
Run	Alt	Wt	Age	100 Yds	200 Yds	300 Yds	400 Yds	500 Yds	100 Yds	200 Yds	300 Yds	400 Yds	500 Yds	100 Yds
1-16-65														
1-31	11.5	121	C	(10	8.0	10.2			0	0.02	0	0.13	524	0.15
2-32	11.8	123	G	6.1	3.1	3.5	3.8	3.2	2.6	0.06	0.05	0.17	0.13	961
3-33	11.5	126	C	6.0	5.4	6.6	7.4	6.8	5.2	0	0.08	0.17	0.13	1,676
4-34	12	125	D	6.0	5.2	7.0	7.2	6.2	5.7	0.06	0.03	0.08	0.13	1,352
5-35	12	128	H	6.0	2.8	3.0	3.2	3.2	2.6	0.06	0.03	0.06	0.13	1,197
6-36	12	126	D	6.5	6.3	5.9	7.2	6.8	5.3	0.06	0.02	0.17	0.13	1,333
7-37	11.7	122	E	6.5	7.4	7.3	8.5	8.5	7.1	0.06	0.08	0.17	0.13	1,352
8-38	12	121	B	5.6	3.8	3.5	3.2	3.2	3.1	0.06	0.05	0.17	0.13	900
9-39	12	120	E	6.2	7.2	6.1	7.4	7.6	5.5	0.06	0.05	0.17	0.13	1,093
10-40	11.7	124	F	6.8	4.6	4.9	5.4	5.2	3.8	0	0.05	0.17	0.13	1,035
11-41	11.6	124	A	9.0	5.4	5.1	5.4	5.2	4.7	0	0.08	0.17	0.13	1,561
12-42	12	126	F	8.4	4.0	4.0	4.9	4.4	3.5	0	0.02	0.17	0.13	903
13-43	12	128	C	7.6	3.3	3.7	2.6	NK	2.5	0.06	0.05	0.17	0.13	1,035
14-44	12	127	C	7.3	5.4	5.7	7.1	6.4	4.7	0.06	0.08	0.17	0.13	1,978
15-45	25	135	F	4.0	2.3	2.6	2.8	2.3	1.5	0	0.03	0.08	0.13	624
16-46	25	135	F	5.1	2.3	2.8	2.8	2.6	1.5	0.06	0.03	0.08	0.13	440
17-47	25	135	F	4.5	3.2	2.8	3.2	3.2	2.8	0	0.03	0.08	0.13	574
18-48	25	135	F	4.0	2.3	2.6	2.9	2.4	1.5	0	0.13	0.08	0.13	611
19-49	25	135	F	2.9	1.8	2.1	2.2	2.0	1.5	0	0.03	0.08	0.13	603

DFET-15-LS:1-2-LS
HOUSE C-1

Phase 2-B				Passes (1-1)						Acceleration (1)															
1-16-65				File	9	10	11	12	13	7	8	9	10	11	12										
Run	Alt	Hum	Wk	APAC LEN IN	APAC US IN	APAC L5 IN	APAC S IN	APAC L5 IN	APAC COR KIN	APAC COR IN	APAC COR KIN	APAC COR IN	APAC COR KIN	APAC COR IN	APAC COR KIN										
20-50	12	124	H	5.5	2.8	2.8	2.9	2.9	2.2	0.06	0.05	0.17	0.06	1.35	1.04										
21-51	11.5	123	D	8.2	5.4	5.7	7.6	7.2	6.0	0.06	0.03	0.08	0.18	1.35	0.54										
22-52	12	126	H	4.4	1.8	1.9	1.8	1.8	1.5	0.06	0.03	0.05	0.18	0.42	0.54										
23-53	12	123	A	5.5	4.7	3.7	3.5	2.6	2.6	0	0.05	0.17	0.18	1.94	1.09										
24-54	12	121	F	6.0	4.0	4.4	4.6	4.1	3.1	0	0.05	0.17	0.18	1.53	1.68										
25-55	12	124	A	5.4	3.7	3.8	4.0	4.0	3.9	0	0.05	0.17	0.18	1.04	1.04										
26-56	12	124	B	5.0	3.2	3.1	3.1	3.2	2.6	0.06	0.05	0.17	0.18	2.00	1.23										
27-57	12	127	E	8.3	7.8	6.4	7.8	7.9	5.9	0.12	0.08	0.25	0.18	1.03	1.43										
28-58	12	128	B	5.8	3.4	2.6	3.2	3.0	2.3	0.06	0.05	0.17	0.18	1.03	1.30										
29-59	12	129	C	6.2	5.5	6.4	6.2	6.2	4.1	0.06	0.12	0.17	0.18	2.00	1.14										
30-60	12	128	G	5.5	3.1	3.3	3.2	3.0	2.1	0.06	0.05	0.25	0.18	0.07	1.09										
31-61	12	130	C	6.2	4.7	4.2	4.3	4.6	3.1	0.06	0.08	0.17	0.18	2.10	0.80										
32-62	12	125	D	6.0	6.3	5.4	7.5	7.5	5.0	0.06	0.03	0.17	0.18	2.00	0.70										
33-63	11.8	127	H	4.4	2.3	2.1	2.6	2.3	1.5	0.06	0.03	0.17	0.18	1.70	0.88										
34-64	11.6	126	D	7.6	5.9	6.1	7.2	7.0	4.7	0.06	0.03	0.17	0.18	1.35	1.09										
End																									

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STRUCTURAL RESPONSE REPORT

COMPILED
BY _____

DATE 15-15-1965
HOUSE C-1

PHASE 2-B				PRESSURE (11-1)					ACCELERATION (11-1)																
1-17-65				9	10	11	12	13	7	8	9	10	11	12											
RUN	ALT	WIND	WAVE	AV	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN											
1-65	11.9	120	E	6.1	7.3	7.5	7.0	7.9	7.7	0.13	0.04	0.14	0.06	0.12	123										
2-66	12.1	119	B	6.8	7.6	7.0	4.4	7.6	7.7	0.02	0.04	0.09	0.06	0.14	124										
3-67	12.05	120	E	6.0	5.9	6.3	6.2	6.7	6.1	0.13	0.04	0.09	0.06	0.12	100										
4-68	12.122	F	2.0	4.3	4.7	4.8	4.5	4.1	0	0.04	0.09	0.13	0.06	0.12	129										
5-69	12.124	A	2.6	4.4	4.2	4.7	4.6	4.7	0	0.06	0.14	0.13	0.06	0.12	195										
6-70	12.123	F	5.9	4.9	5.3	5.3	6.0	4.7	0	0.04	0.09	0.06	0.13	0.12	159										
7-71	11.9	119	E	6.1	7.5	7.7	4.2	7.3	2.9	0.07	0.04	0.09	0.13	0.12	166										
8-72	12.123	C	6.6	7.2	8.0	7.8	7.7	6.7	0	0.06	0.09	0.13	0.06	0.12	155										
9-73	12.128	G	5.8	7.0	7.0	7.4	7.7	7.2	0.07	0.04	0.09	0.13	0.06	0.12	144										
10-74	11.9	119	L	7.5	7.0	7.0	7.4	7.7	7.2	0.07	0.04	0.09	0.13	0.12	127										
11-75	12.128	S	5.6	7.0	7.0	7.4	7.7	7.2	0.07	0.04	0.09	0.13	0.06	0.12	128										
12-76	12.124	H	5.8	7.6	7.8	7.7	7.7	7.2	0.07	0.04	0.09	0.13	0.06	0.12	157										
13-77	11.8	121	A	5.3	5.1	5.7	4.2	4.0	3.2	0	0.06	0.14	0.13	0.06	159										
14-78	11.9	120	E	7.3	5.8	6.2	6.2	6.0	4.7	0.03	0.04	0.14	0.13	0.06	247										
15-79	12.122	A	4.8	3.7	3.3	3.9	3.7	2.9	0	0.04	0.14	0.13	0.06	0.12	161										
16-80	12.124	B	5.8	2.9	2.5	2.8	2.7	1.9	0.03	0.06	0.14	0.13	0.06	0.12	110										
17-81	12.124	E	7.0	6.7	6.3	7.3	7.2	5.3	0.07	0.04	0.09	0.13	0.06	0.12	154										
18-82	12.123	B	6.8	3.6	3.1	3.3	3.3	2.9	0.07	0.04	0.09	0.13	0.06	0.12	127										
19-83	12.121	C	7.0	6.8	5.8	6.6	7.0	5.8	0.03	0.06	0.14	0.13	0.06	0.12	114										

STRUCTURAL RESPONSE REPORT

COMPILED
BY _____

DATE 15-15-1965
HOUSE C-1

PHASE 2-B				PRESSURE (PSI)					ACCELERATION (g)					
1-17-65				9	10	11	12	13	7	8	9	10	11	12
RUN	ALT	WIND	WAVE	AV	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
20-84	12.124	G	5.7	3.0	3.1	3.7	3.0	2.0	0.02	0.04	0.14	0.13	0.06	0.12
21-85	11.9	120	C	6.6	6.1	9.0	8.4	7.5	5.8	0.03	0.10	0.14	0.13	0.06
22-86	11.9	121	D	7.2	4.0	4.0	4.7	4.5	2.9	0.03	0.10	0.14	0.13	0.06
23-87	12.05	120	H	5.2	3.0	2.7	3.1	3.1	1.9	0.04	0.14	0.13	0.06	0.12
24-88	12.05	120	D	8.5	6.2	7.2	7.2	8.2	6.3	0.07	0.04	0.09	0.13	0.12
25-89	11.9	125	E	5.5	6.3	5.3	6.2	6.4	4.5	0.03	0.04	0.09	0.13	0.12
26-90	11.7	125	B	6.2	3.2	2.5	3.3	3.0	2.5	0.03	0.04	0.14	0.13	0.06
27-91	12.126	E	6.4	7.0	6.2	6.1	7.7	5.1	0.02	0.06	0.14	0.13	0.06	0.12
28-92	12.120	F	6.9	4.7	4.7	5.6	5.2	2.9	0.03	0.04	0.14	0.13	0.06	0.12
29-93	12.120	A	8.4	5.2	4.5	5.1	4.9	3.4	0.03	0.06	0.14	0.13	0.06	0.12
30-94	12.120	F	7.1	4.1	4.5	4.8	4.5	2.9	0.03	0.04	0.14	0.13	0.06	0.12
End														

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STRUCTURAL RESPONSE PROGRAM

DATE 11-15-65
HOUSE C-1

Phase 2-B				PRESSURE (PSI)					ACCELERATION (g)																			
1-18-65		Run	Alt	Wind	Dir	9	10	11	12	13	7	8	9	10	11	12												
1-95		120	124	G	45	3.2	3.6	3.5	2.9	2.4	0.07	0.04	0.05	0.10	0.13	0.13												
2-96		12	126	C	5.6	4.6	5.9	7.3	6.5	5.4	0	0.07	0.09	0.16	0.17	0.18												
3-97		123	125	G	2.4	2.0	2.6	4.3	3.2	2.4	0.07	0.04	0.13	0.16	0.03	0.04												
4-98		12	125		5.4	3.7	3.2	3.8	2.4	2.7	0.07	0.02	0.09	0.16	0.14	0.16												
5-99		12	123	D	5.4	5.0	5.2	6.6	6.5	5.4	0.07	0.02	0.09	0.02	0.12	0.01												
6-100		119	125	H	5.1	2.6	3.4	2.2	2.6	8.2	0.03	0.02	0.09	0.02	0.12	0.02												
7-101		12	120	D	5.4	4.3	4.1	4.9	4.3	3.8	0	0.07	0.09	0.16	0.14	0.15												
8-102		12	122	F	5.8	4.0	4.6	4.9	4.5	3.3	0	0.04	0.09	0.16	0.19	0.16												
9-103		12	125	A	6.3	3.2	3.9	4.9	4.8	4.4	0	0.09	0.14	0.16	0.12	0.17												
10-104		119	121	B	4.8	2.0	3.2	3.2	3.2	2.6	0.03	0.04	0.13	0.22	0.16	0.17												
11-105		12	123	E	5.1	5.3	5.2	5.1	4.3	4.8	0.07	0.07	0.14	0.16	0.59	0.10												
12-106		12	123	B	5.3	3.0	2.2	3.2	3.4	2.3	0.03	0.07	0.14	0.16	0.20	0.14												
13-107		12	125	C	5.6	6.4	7.5	9.5	7.7	6.0	0.03	0.07	0.09	0.16	0.50	0.57												
14-108		12	125	G	4.5	2.7	3.6	3.5	3.1	1.8	0.02	0.04	0.14	0.16	0.27	0.06												
15-109		12	127	C	4.7	4.6	5.3	6.3	4.6	4.5	0.03	0.07	0.14	0.22	0.03	0.05												
16-110		12	126	H	5.1	3.2	3.3	3.1	2.7		0.07	0.02	0.14	0.16	0.20	0.11												
17-111		12	125	D	5.4	6.1	1.0	2.6	9.6	4.5	0.07	0.02	0.14	0.16	0.95	0.32												
18-112		12	129	H	5.1	3.3	3.6	4.4	3.7	3.3	0.07	0.02	0.14	0.22	0.05	0.08												
19-113		118	120	E	4.5	4.7	5.0	4.7	4.9	3.0	0.07	0.04	0.14	0.16	0.10	0.05												

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STRUCTURAL RESPONSE PROGRAM

DATE 11-15-65
HOUSE C-1

Phase 2-B				Pressure (psf)						Acceleration (g)																	
1-18-65				Run	9	10	11	12	13	7	8	9	10	11	12												
Run	Alt	Wind	Dir	AV	WALL LEN IN	WALL HGT IN	WALL THK IN	WALL S IN	WALL L IN	WALL HGT IN	WALL THK IN	WALL S IN	WALL L IN	WALL HGT IN	WALL THK IN												
20-114	117	120	B	6.4	3.7	3.9	3.5	3.7	2.3	0.03	0.04	0.15	0.22	0.23	0.24												
21-115	12	120	E	8.7	6.1	6.0	5.9	8.0	6.3	0.07	0.04	0.13	0.16	0.24	0.57												
22-116	12	124	F	5.2	0.9	3.2	3.5	3.4	1.8	0.03	0.04	0.09	0.16	0.09	0.15												
23-117	12	125	A	6.6	4.6	3.9	4.4	4.3	2.3	0.03	0.07	0.13	0.16	0.12	0.14												
24-118	12	125	E	6.2	3.7	5.7	6.0	4.9	2.0	0.03	0.04	0.14	0.16	0.25	0.08												
25-119	12	128	G	6.6	3.3	3.6	4.4	3.1	2.1	0.11	0.04	0.16	0.22	0.30	0.16												
26-120	119	134	C	6.2	5.5	6.8	1.9	2.4	4.5	0.03	0.07	0.23	0.27	0.95	0.36												
27-121	12	131	G	5.1	3.0	3.2	3.5	2.8	1.5	0.07	0.02	0.16	0.16	0.20	0.14												
28-122	118	122	D	8.0	2.3	2.8	8.5	2.9	7.3	0.03	0.04	0.13	0.16	0.20	0.15												
29-123	12	121	H	5.1	3.0	3.2	3.2	3.4	2.4	0.07	0.02	0.14	0.22	0.25	0.16												
30-124	12	124	D	4.2	4.6	5.5	6.0	5.2	3.6	0.07	0.02	0.14	0.16	0.19	0.10												
End																											

DATE 11-15-1-20 1.5
HOUSE C-1

DATE 15-45:1-20-65
HOUSE C-1

PHASE 2-B				PRESSURE (PSI)						ACCELERATION (G)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
1-19-65				11A	9	10	13			7	8	9	10	11	12																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
RUN	ALT	WIND	WV	WALL COR N-S	WALL COR E-W	WALL COR S-N	WALL COR E-W	WALL COR S-N	WALL COR E-W	WALL COR N-S	WALL COR E-W	WALL COR N-S	WALL COR E-W	WALL COR N-S	WALL COR E-W	WALL COR N-S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
20-144	25	135	F	3.5	1.9	2.1	2.6	1.9	1.5	0	0.02	0.09	0.07	0.36	0.52																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

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STRUCTURAL RESPONSE PROGRAM

DATE 15-15-1-20-65
HOUSE C-1

PHASE 2-B				PRESSURE (psf)					ACCELERATION (g)																		
1-20-65				9	10	11	12	13	7	8	9	10	11	12													
Run	Alt	Height	Vel	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV												
1-15R	118	126	B	5.7	3.1	3.7	2.5	1.9	2.2	0.03	0.05	0.14	0.27	1.76	1.11												
2-15R	12	128	C	10.0	4.2	2.1	1.5			0.03	0.08	0.14	0.14	1.84	1.23												
3-160	12	13	9	7.4						0.10	0.05	0.18	0.27	1.415	2.14												
4-161	12	13	C	5.3						0.03	0.04	0.19	0.22	1.54	0.81												
5-162	30	14	F	2.0	1.2	1.5	1.6	1.2	0.9	0	0.02	0.04	0.07	0.02	0.05												
6-163	30	13	F	1.6	1.2	1.5	1.3	0.9	0.3	0	0.02	0.04	0.07	0.02	0.02												
7-164	46	14	F	0.9	0.6	1.1	0.9	0.6	0.3	0	0.02	0.04	0	0.02	0.09												
8-165	119	121	12	4.5	4.1	3.7	4.1	4.1	2.9	0.01	0.02	0.09	0.07	0.86	1.26												
9-166	121	126	14	2.8	3.1	3.3	3.2	2.8	2.9	0.01	0.05	0.14	0.14	1.29	2.15												
10-167	12	124	D	4.7	4.7	4.4	5.4	5.0	4.1	0.02	0.05	0.09	0.07	1.08	0.54												
11-168	119	134	E	3.3	6.5	8.6	10.1	10.8	0.7	0.10	0.05	0.16	0.22	1.27	1.87												
12-169	12	130	B	8.1	3.4	3.3	3.2	3.1	3.2	0.03	0.05	0.13	0.14	1.57	1.24												
13-170	11.5	130	E	4.1	5.0	4.4	5.1	5.0	4.1	0.03	0.05	0.14	0.07	1.36	1.62												
14-171	12	128	F	4.7	3.1	3.7	2.5	3.4	2.6	0.02	0.05	0.14	0.14	0.99	1.08												
15-172	12	128	A	5.5	4.4	4.4	5.1	4.7	4.4	0.02	0.08	0.14	0.14	1.50	1.56												
16-173	11.1	30	F	4.7	3.4	3.7	4.1	3.7	2.9	0.03	0.05	0.14	0.14	0.84	1.43												
17-174	12	125	9	5.5	3.1	3.7	4.8	3.7	2.6	0.02	0.05	0.24	0.29	1.25	0.90												
18-175	12	130	C	5.6	4.2	5.9	7.9	4.7	5.8	0.03	0.05	0.14	0.14	1.405	0.70												
19-176	12	126	9	7.8	2.4	2.7	4.1	3.1	2.9	0.02	0.05	0.18	0.22	1.300	1.47												
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STRUCTURAL RESPONSE PROGRAM

DATE 15-15-1-20-65
HOUSE C-1

PHASE 2-B				PRESSURE (PSF)					ACCELERATION (g)																	
1-21-65				9	10	11	12	13	7	8	9	10	11	12												
Run	Alt	Height	Vel	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV												
1-177	12	130	H	5.2	3.1	3.7	2.8	2.4	3.0	0.03	0.05	0.08	0.07	1.310	1.47											
2-178	12	128	V	4.1	6.0	6.3	7.8	6.2	6.0	0.03	0	0.04	0.07	0.55	0.86											
3-179	12	130	H	6.5	3.8	4.1	4.9	4.1	3.9	0.02	0.03	0.13	0.14	1.62	1.08											
4-180	12	130	A	6.7	5.0	4.8	6.2	5.0	5.1	0	0	0.12	0.22	1.98	2.05											
5-181	12	131	F	4.6	4.4	4.8	5.5	4.7	4.2	0	0	0.13	0.22	0.98	1.65											
6-182	12	130	A	4.4	4.7	4.1	4.9	4.7	4.5	0	0	0.12	0.22	1.57	1.61											
7-183	12	130	B	5.3	4.1	3.7	3.6	3.8	2.6	0.03	0.03	0.22	0.22	1.910	2.19											
8-184	12	130	E	4.8	5.3	5.6	5.5	6.2	5.1	0.03	0	0.13	0.14	0.83	1.34											
9-185	12	130	B	4.3	3.8	3.0	3.2	3.1	3.0	0.03	0.08	0.17	0.22	1.730	1.65											
10-186	12	130	C	5.6	5.0	5.6	1.4	6.4	6.9	0	0	0.26	0.36	1.74	2.55											
11-187	12	130	G	4.2	3.1	3.7	3.8	3.1	2.1	0.02	0.02	0.22	0.22	1.056	1.47											
12-188	12	128	C	NR	6.2	7.5	6.1	7.8	5.0	0	0.17	0.27	0.22	1.765	1.52											
13-189	25	136	F	2.5	2.2	4.6	2.9	2.2	1.5	0	0	0.04	0.07	2.56	0.63											
14-190	12	129	V	5.3	5.6	5.6	7.8	7.5	6.0	0.03	0	0.09	0.14	1.153	1.38											
15-191	25	130	A	2.5	3.1	3.2	3.2	3.6	2.6	0	0	0.02	0.07	1.35	0.81											
16-192	16	131	H	5.5	2.8	1.6	3.2	1.5	2.1	0.03	0	0.04	0.11	1.564	0.98											
17-193	25	130	F	NR	2.8	3.2	3.2	1.8	1.8	0.03	0	0.04	0.07	1.061	1.81											
18-194	12	130	V	4.5	6.4	1.2	7.8	1.6	1.0	0.02	0.1	0.09	0.14	1.304	1.34											
19-195	15	130	A	4.4	3.1	3.2	3.2	2.1	2.2	0	0	0.09	0.14	1.114	1.25											

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STRUCTURAL RESPONSE PROGRAM

DATE 15-15-1-84-LS
HOUSE C-1

PHASE 2-B				PRESSURE (PSF)						ACCELERATION (g)																	
1-21-65				Full Scale	9	10	11	12	13	7	8	9	10	11	12												
Run	Alt	Wind	Dir	AV	AV LIN IN.	AV LIN US IN.	AV LIN US IN.	AV LIN US IN.	AV LIN US IN.	AV LIN US IN.	AV LIN US IN.	AV LIN US IN.	AV LIN US IN.	AV LIN US IN.	AV LIN US IN.												
20-196	25	131	F	2.6	2.5	2.6	2.9	2.9	1.5	0	0	0.04	0.07	0.07	0.07	13-58											
21-197	25	135	A	2.5	2.8	2.6	2.6	2.8	1.8	0	0	0.09	0.11	0.07	0.09	13-58											
22-198	25	136	F	3.2	2.5	3.0	3.2	2.8	1.8	0	0	0.09	0.11	0.08	0.11	13-58											
23-199	21	131	E	4.8	6.6	5.6	6.8	7.5	7.0	0.03	0.03	0.13	0.22	0.06	0.15												
24-200	12	130	B	4.9	4.1	3.3	3.2	3.4	3.0	0.03	0.03	0.17	0.18	0.04	0.20												
25-201	12	130	E	5.3	7.8	7.1	8.1	7.8	7.0	0.02	0.02	0.17	0.22	0.05	0.13												
26-202	25	135	F	4.6	3.4	4.1	3.6	3.6	3.0	0	0.03	0.09	0.14	0.04	0.18	13-58											
27-203	12	130	D	4.4	6.2	7.5	8.4	6.9	5.5	0.03	0.03	0.09	0.14	0.05	0.17												
28-204	25	132	A	NR	(No Record)					0.03	0.03	0.04	0.14	0.06	0.11	13-58											
29-205	12	130	A	3.7	2.5	2.6	3.2	2.8	1.8	0	0	0.04	0.07	0.04	0.04												
30-206	25	133	F	2.8	2.5	2.6	2.9	3.1	1.5	0	0	0.09	0.16	0.13	0.11	13-58											
31-207	26	133	A	3.8	3.1	2.6	3.2	3.1	2.6	0.03	0.03	0.09	0.14	0.04	0.26	13-58											
32-208	25	135	F	NR	4.1	5.6	5.5	4.4	3.2	0	0	0.09	0.14	0.04	0.18	13-58											
33-209	26	132	A	2.6	2.2	2.2	2.5	2.9	NR	0.18	0.03	0.17	0.23	0.18	0.18	13-58											
34-210	12	133	H	8.5	4.1	3.7	5.3	4.7	3.0	0.03	0	0.09	0.14	0.04	0.15												
35-211	25	134	E	3.1	3.1	3.7	3.6	3.1	2.6	0.02	0	0.09	0.14	0.04	0.16	13-58											
36-212	12	128	D	3.4	4.7	5.6	5.5	5.6	3.9	0	0	0.04	0.14	0.04	0.11												
37-213	25	130	A	2.9	1.9	2.2	3.2	3.1	2.1	0.03	0.03	0.09	0.14	0.04	0.16	13-58											
39-215	25	131	F	NR	3.1	3.7	4.2	3.1	4.8	0.10	0.03	0.17	0.22	0.04	0.15	13-58											

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STRUCTURAL RESPONSE PROGRAM

DATE 15-15-1-84-LS
HOUSE C-1

PHASE 2-B				PRESSURE					ACCELERATION																			
1-21-65					9	10	11	12	13		7	8	9	10	11	12												
Run	Alt	Wind	Dir	AV	WALL LIN IN	WALL US IN	WALL LS IN	WALL S IN	WALL LN IN	WALL LN IN	WALL LN IN	WALL LN IN	WALL LN IN	WALL LN IN	WALL LN IN	WALL LN IN												
40-216	130	G		6.0	3.4	4.1	4.5	3.4	2.6	0	0	0.04	0.07	0.04	0.15	152												
41-217	119	208	C	5.3	4.7	5.6	6.5	6.2	3.9	0.07	0.03	0.13	0.24	0.12	0.12	152												
42-218	12	131	G	5.2	3.1	3.7	3.6	3.1	2.6	0.07	0.03	0.09	0.14	0.04	0.12	312												
43-219	12	131	H	7.9	3.4	3.7	4.9	3.8	3.0	0.07	0	0.09	0.14	0.04	0.12	152												
44-220	119	130	D	4.8	6.2	5.9	7.5	6.2	4.5	0.07	0.03	0.13	0.14	0.18	0.15	183												
45-221	117	131	H	AB	3.1	3.7	3.8	3.1	2.6	(No Record)																		
End																												

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STRUCTURAL RESPONSE REPORT

DATE 11-15-65
HOUSE C-1

PHASE 2-B				PRESSURE (p.s.f.)					ACCELERATION (g)																		
1-22-65				7th FLOOR	9	10	11	12	13	7	8	9	10	11	12												
Run	Time	Loc	Dir	WIND DIR	WIND S.F.	WIND S.F.	WIND S.F.	WIND S.F.	WIND S.F.	WIND S.F.	WIND S.F.	WIND S.F.	WIND S.F.	WIND S.F.	WIND S.F.												
1-222	12.130	A	NR	3.4	4.1	2.2	5.0	6.2	1	NR	Record																
2-223	12.131	F	2.5	3.1	2.9	3.5	2.8	5.8	0	0.02	0.05	0.07	0.07	0.04													
3-224	12.132	A	4.6	4.1	2.7	3.8	3.8	3.4	0	0.06	0.14	0.14	0.17	0.26													
4-225	12.133	B	10.7	9.9	3.7	2.8	3.4	4.3	0.03	0.06	0.08	0.22	0.16	0.46													
5-226	12.134	E	10.9	5.0	8.1	9.2	10.2	10.0	0.03	0.06	0.14	0.23	0.11	0.46													
6-227	12.135	F	2.1	2.2	1.9	2.9	2.8	1.8	0	0.04	0.09	0.07	0.29	0.58													
7-228	11.91	C	4.3	4.4	5.2	5.1	5.3	3.4	0.03	0.08	0.14	0.22	0.09	0.65													
8-229	12.136	G	3.1	3.1	3.1	3.5	3.1	1.8	0.03	0.08	0.09	0.14	0.05	0.11													
9-230	12.137	C	7.1	5	3.7	6.4	4.7	4.6	0	0.08	0.05	0.14	0.29	0.58													
10-231	10.21	E	1.6	1.6	1.5	1.6	1.6	0.9	0	0.02	0.05	0.07	0.07	0.46													
11-232	10.22	A	1.6	2.2	1.8	1.6	1.8	1.5	0	0.02	0.05	0.07	0.07	0.46													
12-233	10.23	A	2.2	2.9	1.5	1.3	1.2	0.6	0	0.03	0.05	0.07	0.29	0.58													
13-234	10.24	A	5.9	2.5	1.8	2.2	2.5	2.5	0.03	0.08	0.09	0.14	0.58	0.65													
14-235	10.25	E	4.5	(10.2)	Re	0.10			0.03	0.08	0.14	0.14	0.17	0.58													
15-236	10.26	B	5.9	4.2	3.7	4.3	3.9	3.5	0.03	0.08	0.08	0.22	0.22	0.69													
16-237	12.138	E	4.4	4.7	4.4	5.0	6.2	4.0	0.03	0.08	0.09	0.14	0.58	0.77													
17-238	12.139	F	6.2	3.1	3.7	3.5	3.1	2.5	0.02	0.04	0.09	0.14	0.60	0.77													
18-239	10.27	A	3.9	3.3	3.3	3.3	3.1	2.6	0	0.14	0.09	0.14	0.60	0.58													
19-240	10.28	F	2.3	6.2	6.0	6.7	5.0	4.5	0.03	0.04	0.14	0.22	0.74	0.77													

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STRUCTURAL RESPONSE REPORT

DATE 11-15-65
HOUSE C-1

PHASE 2-B				PRESSURE (p.s.f.)					ACCELERATION (g)																	
1-22-65				9	10	11	12	13	7	8	9	10	11	12												
Run	Time	Loc	Dir	Wind Dir M	Wind Dir M	Wind Dir M	Wind Dir M	Wind Dir M	Wind Dir M	Wind Dir M	Wind Dir M	Wind Dir M	Wind Dir M	Wind Dir M												
20-241	16.141	G	2.1	1.6	2.2	2.4	1.7	1.4	0.02	0.02	0.09	0.14	0.07	0.77												
21-242	16.142	C	1.4	1.3	0.6	1.3	0.9	0.8	0	0.02	0.09	0.07	0.07	0.66												
22-243	16.143	G	0.9	0.6	0.7	0.1	0.6	0.6	0	0.02	0.05	0	0.45	0.65												
23-244	16.144	F	2.6	1.6	2.0	2.9	1.6	1.4	0	0.02	0.05	0.07	0.22	0.57												
24-245	16.145	A	2.1	1.6	1.6	1.4	1.2	1.2	0	0.06	0.05	0.14	0.29	0.61												
25-246	16.146	F	4.6	0.6	1.8	2.9	1.0	1.5	0	0.06	0.05	0.07	0.60	0.77												
26-247	16.147	A	1.5	1.2	0.7	0.8	1.2	1.2	0	0	0.05	0.07	0.22	0.61												
27-248	16.148	A	1.5	0.5	0.6	0.5	0.8	0.6	0	0.1	0.05	0.07	0.22	0.61												
28-249	16.149	F	2.4	1.2	1.5	2.1	1.9	1.5	0	0.08	0.05	0.07	0.22	0.61												
29-250	16.150	G	1.6	1.6	1.5	1.5	1.6	1.4	0	0.02	0.05	0.07	0.16	0.58												
30-251	16.151	F	2.3	1.2	1.6	1.6	1.4	1.2	0	0.02	0.05	0.07	0.58	0.58												
31-252	16.152	B	0.6	0.8	0.9	1.1	1.2	0.6	0	0	0	0	0.08	0.11												
32-253	16.153	E	1.6	1.6	1.5	1.3	1.6	1.4	0	0	0.05	0	0.22	0.58												
33-254	16.154	B	1.5	0.8	1.1	1.1	0.9	0.3	0	0	0.05	0	0.22	0.58												
End																										

COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE 11-15-65
HOUSE C-1

PHASE 2-B				PRESSURE (psf)					ACCELERATION (g)																			
1-23-65				9	10	11	12	13	7	8	9	10	11	12														
Run	Alt	Wind	Dir	AV	9	10	11	12	13	7	8	9	10	11	12													
					AV	9	10	11	12	13	7	8	9	10	11	12												
1-254	119	125	C	45	6.0	7.5	10.8	7.3	NR	NR	NR	NR	NR	NR	NR													
2-256	119	125	G	49	3.3	3.3	4.0	2.0	2.2	NR	NR	NR	NR	NR	NR													
3-257	119	129	C	46	5.5	8	7.2	5.7	4.9	NR	NR	NR	NR	NR	NR													
4-258	112	130	X	47	5.5	5.4	6.8	7.1	5.6	NR	NR	NR	NR	NR	NR													
5-259	12	129	H	6.0	3.0	2.4	3.4	3.0	2.6	NR	NR	NR	NR	NR	NR													
6-260	12	130	V	3.1	5.7	5.9	6.5	6.2	4.7	NR	NR	NR	NR	NR	NR													
7-261	12	130	E	6.7	9.1	6.8	9.3	10.2	7.7	NR	NR	NR	NR	NR	NR													
8-262	12	131	O	4.3	3.0	3.3	3.1	2.8	2.5	NR	NR	NR	NR	NR	NR													
9-263	12	130	E	2.9	3.2	2.6	3.2	2.6	2.6	NR	NR	NR	NR	NR	NR													
10-264	12	130	O	2.7	2.8	2.3	2.7	2.2	2.1	0	NR	NR	NR	NR	NR													
11-265	119	130	F	4.9	5.2	4.9	5.1	4.4	4.1	0	NR	NR	NR	NR	NR													
12-266	119	131	A	4.0	3.2	3.8	3.4	3.2	2.7	0	NR	NR	NR	NR	NR													
13-267	119	130	F	3.1	2.3	2.6	2.5	2.7	1.8	0	NR	NR	NR	NR	NR													
14-268	25	136	F	3.8	1.9	2.3	2.6	3.4	1.5	0	NR	NR	NR	NR	NR												13-58	
15-269	12	125	G	3.1	2.8	2.6	3.4	2.3	1.6	NR	NR	NR	NR	NR	NR													
16-270	25	135	A	NR	4.3	3.7	4.3	4.0	2.8	0	NR	NR	NR	NR	NR												13-58	
17-271	12	129	G	3.8	4.4	5.4	6.1	4.7	3.7	NR	NR	NR	NR	NR	NR													
18-272	25	136	F	4.1	3.3	3.7	4.0	3.5	2.9	0	NR	NR	NR	NR	NR												13-58	
19-273	12	126	G	5.7	4.0	4.4	4.8	4.3	3.6	NR	NR	NR	NR	NR	NR													

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By _____

STRUCTURAL RESPONSE PROGRAM

DATE 11-15-65
HOUSE C-1

PHASE 2-B				PRESSURE (psf)					ACCELERATION (g)																		
1-23-65				9	10	11	12	13	7	8	9	10	11	12													
Run	Alt	Wind	Dir	9	10	11	12	13	7	8	9	10	11	12													
20-274	25	134	A	2.7	2.4	2.3	2.7	2.4	1.6	0	NR	NR	NR	NR													13-58
21-275	25	135	E	2.8	2.5	2.6	2.9	2.7	1.6	0	NR	NR	NR	NR													13-58
22-276	25	136	A	2.6	2.9	2.1	2.7	2.5	1.8	0	NR	NR	NR	NR													13-58
23-277	25	136	E	2.3	1.7	1.7	1.8	1.9	1.2	0	NR	NR	NR	NR													13-58
24-278	24	135	A	3.1	2.5	2.3	2.6	2.7	2.2	0	NR	NR	NR	NR													13-58
25-279	12	126	H	5.2	3.3	2.8	3.4	3.2	2.5	NR	NR	NR	NR	NR													
26-280	12	131	X	3.2	6.3	5.2	7.1	6.3	5.0	NR	NR	NR	NR	NR													
27-281	12	130	H	7.1	3.5	3.5	4.5	3.6	2.9	NR	NR	NR	NR	NR													
28-282	12	130	X	12.7	14.2	13.8	14.8	15.8	14.2	NR	NR	NR	NR	NR													
29-283	25	136	E	2.9	2.8	2.1	1.7	2.8	1.5	0	NR	NR	NR	NR													13-58
30-284	25	136	A	3.1	2.2	1.7	1.9	1.9	1.5	0	NR	NR	NR	NR													13-58
31-285	12	129	O	3.3	2.8	2.8	3.2	2.6	2.9	NR	NR	NR	NR	NR													
32-286	25	136	F	2.6	2.3	1.7	2.9	1.9	1.5	0	NR	NR	NR	NR													13-58
33-287	25	135	E	6.6	9.1	14.2	8.0	8.4	8.6	NR	NR	NR	NR	NR													
34-288	25	137	A	1.1	2.2	2.2	2.2	2.2	1.5	0	NR	NR	NR	NR													13-58
35-289	12	129	O	4.4	2.8	3.1	3.2	3.2	2.6	NR	NR	NR	NR	NR													
36-290	25	132	E	2.9	1.6	1.0	1.6	1.3	0.9	0	NR	NR	NR	NR													13-58
37-291	25	137	A	4.4	3.2	2.8	3.2	3.5	2.7	NR	NR	NR	NR	NR													13-58
38-292	25	136	F	2.1	1.8	2.5	1.5	2.2	1.9	NR	NR	NR	NR	NR													13-58

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COMPILED
BY _____

STRUCTURAL RESPONSE PROGRAM

DATE 11-15-75
HOUSE C-1

PHASE 2-B				PRESSURE					ACCELERATION																	
1-22-65				9	10	11	12	13	7	8	9	10	11	12												
RUN	ALT	NAME	VE	AV	DEPTH IN M	DEPTH US IN	GAGE LBS IN	DEPTH LBS IN	DEPTH LBS IN	DEPTH LBS IN	DEPTH LBS IN	DEPTH LBS IN	DEPTH LBS IN	DEPTH LBS IN												
1-293	12	125	C	43	5.7	5.2	6.7	6.7	4.7	0.2	0.2	0.2	0.2	0.2												
40-294	12	137	A	29	3.2	3.5	4.2	4.1	2.9	0.2	0.2	0.2	0.2	0.2	13.68											
41-295	12	130	G	3.7	1.3	1.0	1.3	0.9	0.6	0.2	0.2	0.2	0.2	0.2												
42-296	12	131	F	2.3	2.5	2.1	2.9	2.5	1.5	0.2	0.2	0.2	0.2	0.2	13.59											
43-297	12	125	C	2.2	7.0	7.6	9.5	7.9	6.5	0.2	0.2	0.2	0.2	0.2												
44-298	12	126	G	1.3	6.3	6.2	6.7	6.3	4.4	0.2	0.2	0.2	0.2	0.2												
45-299	12	126	H	3.7	5.2	2.1	3.2	3.2	1.8	0.2	0.2	0.2	0.2	0.2												
46-300	12	127	D	2.8	4.4	4.2	4.8	4.7	2.2	0.2	0.2	0.2	0.2	0.2												
47-301	12	128	H	1.2	2.8	1.7	2.2	2.8	1.5	0.2	0.2	0.2	0.2	0.2												
48-302	12	129	E	4.2	4.4	4.9	6.1	6.3	5.9	0.2	0.2	0.2	0.2	0.2												
49-303	12	130	I	4.2	3.5	3.1	3.2	3.2	2.6	0.2	0.2	0.2	0.2	0.2												
50-304	12	130	C	4.2	7.9	6.2	7.3	7.9	5.6	0.2	0.2	0.2	0.2	0.2												
END																										

COMPILED
BY _____

STRUCTURAL RESPONSE PROGRAM

DATE 11-15-75
HOUSE C-1

PHASE 2-B				PRESSURE (PSF)					ACCELERATION (G)																		
1-24-65				9	10	11	12	13	7	8	9	10	11	12													
RUN	ALT	NAME	VE	AV	DEPTH LIN IN	DEPTH US IN	DEPTH L.S. IN	DEPTH E IN	DEPTH L.S. IN	DEPTH COR E IN	DEPTH COR M.S.	DEPTH COR L.S.	DEPTH COR M.S.	DEPTH COR V	DEPTH COR N.S.												
1-305	12.1	1-5	F	4.4	(NO RECORD)					0.2	0.4	0.9	0.4	0.6	1.5												
2-306	12	125	A	4.6						0.2	0.7	0.4	0.4	1.3	1.6												
3-307	12	120	F	4.2						0.2	0.4	0.5	0.4	1.1	1.3												
4-308	12.9	125	A	3.8						0	0.4	0.4	0.4	1.3	1.3												
5-309	12.8	126	G	4.9						0.7	0.4	0.9	0.4	1.0	0.4												
6-310	12	126	C	4.4						0	0.7	0.4	0.2	1.0	1.1												
7-311	12	120	G	4.5						0.7	0.7	0.4	0.2	1.0	1.1												
8-312	12	120	C	4.4						0.2	0.6	0.2	0.2	1.0	1.0												
9-313	12	125	A	4.8						0.7	0.4	0.4	0.2	1.3	1.4												
10-314	12	125	V	5.0						0	0.6	0.4	0.4	1.0	1.1												
11-315	12	125	V	4.2						0.2	0.4	0.4	0.2	1.0	1.1												
12-316	12	125	V	4.5						0.2	0.2	0.2	0.4	1.1	1.2												
13-317	12	126	A	4.4						0	0.4	0.2	0.2	1.1	1.1												
14-318	12	126	F	5.3						0.2	0.7	0.2	0.2	1.2	1.3												
15-319	12	126	A	3.6						0.2	0.7	0.2	0.4	1.2	1.2												
16-320	12	126	V	6.1						0.2	0.4	0.2	0.2	1.1	1.1												
17-321	12	126	V	5.1						0.2	0.2	0.4	0.4	1.1	1.1												
18-322	12.9	126	V	4.1						0.2	0.2	0.2	0.7	1.1	1.2												
19-323	12	126	V	2.9						0.2	0.2	0.2	0.2	1.1	1.1												
																D-10											

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COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE 15-65:1-24-65
HOUSE C-1

PHASE 2-B				PRESSURE (p.s.f.)					ACCELERATION (g)																	
1-24-65				Full Scale	9	10	11	12	13	7	8	9	10	11	12											
Run	Alt	Wind	Dir	AK	Full Scale in N	Full Scale in W	Full Scale in E	Full Scale in S	Full Scale in W	Full Scale in N	Full Scale in W	Full Scale in E	Full Scale in S	Full Scale in W	Full Scale in E											
20-324	12	1.23	C	6.1						.003	.001	.014	.014	.017	.017											
21-325	12	1.23	G	5.4						.003	.001	.014	.014	.017	.017											
22-326	12	1.24	C	NR						.003	.004	.009	.014	.017	.017											
23-327	12	1.24	G	4.3						.001	.007	.014	.014	.017	.017											
24-328	12	1.20	H	7.4						.010	.004	.014	.014	.017	.017											
25-329	12	1.21	D	4.6						.001	.007	.014	.014	.017	.017											
26-330	12	1.21	H	NR						.007	.004	.014	.014	.017	.017											
27-331	12	1.20	V	6.5						.002	.001	.014	.014	.017	.017											
28-332	12	1.20	E	4.6						.003	.004	.014	.014	.017	.017											
29-333	12	1.24	B	3.8						.003	.004	.009	.014	.017	.017											
30-334	12	1.23	E	5.1						.007	.001	.023	.023	.017	.017											
31-335	12	1.25	B	4.1						.003	.002	.005	.007	.007	.007											
32-336	12	1.20	F	4.2						.002	.002	.014	.014	.017	.017											
33-337	12	1.2	A	NR						0	.002	.005	.007	.007	.007											
34-338	12	1.21	F	NR						.003	.002	.005	.014	.017	.017											
35-339	12	1.21	A	2.9						.002	.002	.005	.007	.017	.017											
36-340	12	1.21	G	3.0						.007	.004	.014	.014	.017	.017											
37-341	12	1.20	C	4.9						.003	.002	.009	.029	.029	.029											
38-342	12	1.22	G	4.4						.003	.002	.005	.007	.017	.017											
39-343	12	1.22	C	3.9						.003	.001	.010	.022	.022	.022											

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE 21-65:2-2-65
HOUSE C-1

PHASE 2-B		DISPLACEMENT (in)														
2-1-65	Run	1.5	1.2	1.1	1.0	0.9										
1-590	12	1.24	G	5.2	130	100	.002									
2-591	12	1.25	C	NR	102	137	.009									
3-592	12	1.25	G	4.0	103	107	.002									
4-593	12	1.25	H	5.3	100	107	.002									
5-594	12	1.25	D	4.5	100	111	.006									
6-595	12	1.25	H	5.1	101	106	.002									
7-596	12	1.20	A	4.6	107	102	.002									
8-597	12	1.23	F	4.8	100	101	.004									
9-598	12	1.22	A	3.9	107	101	.006									
10-599	12	1.21	B	5.2	114	102	.002									
11-600	12	1.23	E	NR	102	106	.002									
12-601	12	1.24	B	5.0	100	100	.002									
13-602	12	1.23	E	3.2	105	101	.002									
14-603	12	1.20	C	3.7	100	100	.002									
15-604	12	1.26	E	3.9	103	101	.002									
16-605	12	1.25	E	3.0	107	106	.002									
17-606	12	1.24	B	NR	114	102	.002									
18-607	12	1.24	E	5.2	106	101	.003									
19-608	12	1.25	B	4.8	110	100	.002									

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STRUCTURAL RESPONSE PROGRAM

By _____

DIRECT-1-15-2-2-15
HOUSE C-1

PHASE 2-B				DISPLACEMENT (1.0)				
Run	Loc	Dir	Vec	1st	2nd	3rd	4th	5th
20-609	12	124	F	3.7	163	112	12.5	176
21-610	12	123	A	4.9	150	208	212	217
22-611	12	122	F	2.5	176	125	180	146
23-612	12	123	A	12.5	178	325	288	191
24-613	12	127	G	4.2	100	107	137	116
25-614	12	129	C	4.1	176	155	112	121
26-615	120	127	G	9.6	176	125	100	176
27-616	205	120	C	4.6	114	227	187	182
28-617	120	126	G	6.6	127	225	175	146
29-618	205	122	H	6.7	165	112	187	171
30-619	121	122	D	5.0	132	237	175	192
31-620	12	126	H	4.7	165	125	187	121

End

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DIFFERENTIALS
HOUSE C-1

PHASE 2-B				DISPLACEMENT (in)				
Run	Wt	Len	Vol	Area	2	3	4	5
2-2-65	12.1	12.7	A	4.1	(N.D. Record)			
2-622	11.9	12.7	E	4.8				
3-623	12.1	12.6	A	4.4	112	250	162	175
4-624	12.1	11.9	B	4.7	112	235	162	165
5-625	12.1	12.3	E	6.3	125	125	187	185
6-626	12.1	12.4	B	4.7	110	220	150	150
7-627	12.1	12.1	C	5.1	112	235	150	172
8-628	12.1	12.5	G	4.6	125	125	100	172
9-629	12.1	12.5	C	4.6	110	200	185	180
10-630	12.1	12.3	D	6.0	(N.D. Record)			
11-631	11.9	12.7	H	4.4	180	175	125	140
12-632	11.9	12.7	D	NR	180	187	125	140
13-633	12.1	11.6	E	8.8	150	263	180	215
14-634	11.9	12.6	B	4.5	100	162	132	110
15-635	12.1	12.6	E	4.8	175	150	100	112
16-636	12.1	12.5	F	5.6	110	175	125	196
17-637	12.1	12.5	A	4.5	125	263	187	180
18-638	12.1	12.4	F	3.0	180	170	140	184
19-639	11.9	12.6	G	3.7	180	150	100	100

COMPILED
By _____

STANDARD RESPONSE PROFILE

DATE: 1-15-73
HOUSE: C-1

PHASE 2-B		DISPLACEMENT (in)																	
Time	Hz	1	2	3	4	5													
20-640	12.124	1.1	3.4	1.1	R	1													
21-641	12.125	1	3.7																
22-642	12.125	1	4.5																
23-643	12.127	1	3.2																
24-644	12.124	1	NR																
25-645	12.123	1	4.6																
26-646	12.121	1	4.3																
27-647	12.125	1	NR																
28-648	12.123	1	4.9																
29-649	12.129	1	4.3																
30-650	12.122	1	4.6																
End																			

D-13

COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE 1-18-65
HOUSE 41-2

PHASE 2-B					SCRATCH GAUGE (in)														
					IN	OUT	TTL												
RUN	WT	LOC	NO	AM															
7-101	12	120	A	49	22	34	56												
8-102	12	120	F	58	22	28	50												
9-103	12	120	A	63	26	36	62												
10-104	12	120	B	48	28	32	56												
11-105	12	120	E	51	18	18	36												
12-106	12	120	B	53	24	34	58												
13-107	12	120	C	56	28	38	66												
14-108	12	120	G	45	24	24	48												
15-109	12	120	C	47	20	28	48												
16-110	12	120	H	51	22	24	46												
17-111	12	120	E	54	16	22	38												
18-112	12	120	H	51	18	24	42												
19-113	12	120	E	45	22	22	44												
20-114	12	120	B	54	24	30	54												
21-115	12	120	E	47	18	18	36												
22-116	12	120	E	52	18	22	40												
23-117	12	120	A	66	24	30	54												
24-118	12	120	F	62	28	28	56												
25-119	12	120	G	66	14	22	36												

COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE 1-18-65
HOUSE 41-2

PHASE 2-B					SCRATCH GAUGE (in)														
RUN	AT	LOC	NO	AM	IN	OUT	TTL												
26-120	11.9	134	C	62	42	42	84												
27-120	12.1	131	G	51	12	22	34												
28-122	11.8	132	D	80	24	28	52												
29-123	12.1	131	H	57	18	28	46												
30-124	12.1	128	D	42	16	22	38												

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STRUCTURAL RESPONSE PROGRAM

COMPILED

By _____

DATE 1-21-65

HOUSE 41-2

PHASE 2-B					SCRATCH GAUGE (in)										
Run	45	140	140	AN	File	IN OUT TIL									
1-177	12	130	H	52		24	27	51							
2-178	12	138	D	41		24	31	55							
3-179	12	130	H	68		25	24	49							
4-180	12	130	A	67		27	25	48							
5-181	12	131	F	46		11	17	28							
6-182	12	130	A	44		27	35	62							
7-183	12	130	G	53		24	35	59							
8-184	12	130	E	48		20	23	43							
9-185	12	131	G	43		23	32	55							
10-186	12	130	C	56		14	40	74							
11-187	12	130	G	42		18	24	42							
12-188	12	130	C			32	44	76							
13-189	25	136	F	75		26	21	47					B-58		
14-190	12	139	D	53		26	25	51							
15-191	25	130	A	29		48	44	88					B-58		
16-192	12	131	H	35		30	28	48							
17-193	25	130	F			26	24	50					B-58		
18-194	12	130	D	48		21	21	52							
19-195	25	136	A	28		45	38	83					B-58		

STRUCTURAL RESPONSE PROGRAM

COMPILED

By _____

DATE 1-21-65

HOUSE 41-2

PHASE 2-B					SCRATCH GAUGE (in)										
					File										
Run	45	140	140	AN		IN	OUT	TTL							
20-196	25	131	F	26		27	21	48							B-58
21-197	25	135	A	25		40	27	77							B-58
22-198	25	136	F	32		25	23	48							B-58
23-199	12	131	E	48		10	10	20							
24-200	12	130	B	49		22	35	57							
25-201	12	130	E	53		13	21	34							
26-202	25	135	F	46		25	23	48							B-58
27-203	12	130	C	44		20	10	50							
28-204	25	132	A			24	27	61							B-58
29-205	12	130	A	27		23	29	52							
30-206	25	133	F	28		17	15	42							B-58
31-207	26	135	A	38		41	45	86							B-58
32-208	25	135	F			48	32	85							B-58
33-209	26	132	A	26		32	30	70							B-58
34-210	12	133	H	55		34	29	63							
35-211	25	136	F	31		19	17	36							B-58
36-212	12	138	D	36		18	24	42							
37-213	25	136	A	29		41	39	74							B-58
38-214	20	129	H			29	35	64							

D-15

D-15

STRUCTURAL RESPONSE PROGRAM

COMPILED
By

DATE 1-21-65
HOUSE 41-2

PHASE 2-B				SCRATCH GAUGE (in)															
RUN	REF	HOLD	VIB	AM	FREQ	IN		OUT		TTL									
39-215	25	137	E			27	32	69				B 58							
40-216	12	138	G	6.0		21	25	46											
41-217	119	138	C	5.2		37	43	80											
42-218	12	131	G	5.2		25	27	52											
43-219	12	131	H	7.9		27	37	64											
44-220	119	130	D	4.8		14	24	38											
45-221	117	131	H	8.8		27	30	57											

STRUCTURAL RESPONSE PROGRAM

COMPILED
By

DATE 1-23-65
HOUSE 41-2

PHASE 2-B				SCRATCH GAUGE (in)															
RUN	REF	HOLD	VIB	AM	FREQ	IN		OUT		TTL									
1-255	119	125	C			21	29	50											
2-256	119	125	G	6.9		18	19	37											
3-257	119	125	C	4.6		20	29	49											
4-258	113	130	D	4.1		18	21	39											
5-259	12	129	H	5.7		21	27	48											
6-260	12	130	D	3.1		16	21	37											
7-261	12	128	E	6.7		17	18	35											
8-262	12	127	B	4.3		23	29	52											
9-263	12	128	E	2.9		20	29	49											
10-264	12	130	B	5.7		24	25	49											
11-265	119	130	F	4.9		28	40	68											
12-266	119	131	A	4.0		19	26	45											
13-267	119	130	F	3.1		—	—	—											
14-268	25	136	F	1.8		20	24	44				B 58							
15-269	12	134	G	3.1		22	21	43											
16-270	25	135	A			35	38	73				B 58							
17-271	21	129	C	3.8		31	45	76											
18-272	25	136	F	4.1		28	30	58				B 58							
19-273	12	126	G	5.7		23	25	48											

D-16

COMPILED
By _____

STRAIGHTLINE RESPONSE PROGRAM

DATE 1-23-65
HOUSE W-2

PHASE 2-B				SCRATCH GAUGE (in)																
				IN	OUT	TTU														
RUN	IN	OUT	TTU	IN	OUT	TTU														
20-270	25	1.34	A	2.7	29	32	61	B-58												
21-275	25	1.35	F	2.8	29	31	50	B-58												
22-276	25	1.36	A	2.6	26	29	57	B-58												
23-271	25	1.36	F	2.3	27	29	56	B-58												
24-278	246	1.35	A	3.1	12	19	32	B-58												
25-279	12	1.36	H	5.2	22	31	53													
26-280	12	1.37	D	3.2	12	15	27													
27-281	12	1.38	H	2.1	22	30	52													
28-282	12	1.38	D	2.7	17	19	36													
29-283	25	1.36	F	2.9	28	29	57	B-58												
30-284	25	1.36	A	2.1	28	28	56	B-58												
31-285	12	1.29	B	3.3	28	34	62													
32-286	25	1.36	F	2.6	28	33	61	B-58												
33-287	205	1.29	E	6.6	30	19	49													
34-288	25	1.32	A	2.1	26	30	56	B-58												
35-289	12	1.29	B	4.2	30	39	69													
36-290	25	1.47	F	2.8	14	20	34	B-58												
37-291	25	1.37	A	4.4	24	33	57	B-58												
38-292	25	1.36	F	3.1	31	35	60	B-58												

COMPILED
By _____

STRAIGHTLINE RESPONSE PROGRAM

DATE 1-23-65
HOUSE W-2

PHASE 2-B					SCRATCH GAUGE (in)														
					IN	OUT	TTU												
RUN	IN	OUT	IN	OUT	IN	OUT	TTU												
39-293	12	1.25	C	4.3	25	35	60												
40-294	25	1.37	A	2.9	29	40	69	B 58											
41-295	12	1.30	G	3.7	10	08	18												
42-296	25	1.37	F	2.3	31	29	60	B 58											
43-297	12	1.25	C	2.2	24	34	78												
44-298	12	1.26	G	7.3	33	33	66												
45-299	12	1.26	H	3.7	24	29	52												
46-300	12	1.25	D	2.8	15	19	34												
47-301	12	1.26	H	3.1	19	23	42												
48-302	12	1.29	E	4.2	20	22	40												
49-303	12	1.30	B	4.2	24	33	57												
50-304	12	1.30	E	4.8	32	23	55												

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COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE 1-31-65
HOUSE W-3

PHASE 2-B				DISPLACEMENT (in.)															
TIME	P.L.	S.E.	V.C.	FISH	FISH														
					1	2	3	4	5										
1-580	1.2	1.25	E	3.6	150	182	125	112	124										
2-581	1.2	1.25	B	1.9	125	138	125	148	172										
3-582	1.2	1.25	E	4.8	150	190	125	121	NR										
4-583	1.2	1.25	F	4.5	162	172	187	171	183										
5-584	1.2	1.25	A	5.2	150	187	175	190	188										
6-585	1.2	1.25	F	3.6	162	185	187	171	136										
7-586	1.2	1.25	G	5.4	160	150	125	126	150										
8-587	1.2	1.25	C	4.3	130	150	125	123	136										
9-588	1.2	1.25	G	4.3	120	155	125	122	150										
10-589	1.2	1.25	A	NR	180	187	153	174	174										
11-590	1.2	1.25	F	6.5	175	185	180	182	183										
12-591	1.2	1.25	D	3.7	105	150	112	112	105										
13-592	1.2	1.25	F	5.1	150	NR	214	194	18										
14-593	1.2	1.25	A	6.1	162	NR	225	189	194										
15-594	1.2	1.25	F	4.0	175	NR	180	179	183										
16-595	1.2	1.25	A	3.4	162	300	338	214	118										
17-596	1.2	1.25	F	4.0	175	185	187	175	183										
18-597	1.2	1.25	A	4.2	138	250	280	173	186										
19-598	1.2	1.25	B	4.7	128	287	215	184	184										

COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE 1-31-65
HOUSE W-3

PHASE 2-B				DISPLACEMENT (in.)															
Run	P.L.	S.E.	V.C.	Fish	Fish														
					1	2	3	4	5										
					N	N	N	N	N										
20-589	1.2	1.25	E	NR	160	180	125	162	187										
21-580	1.2	1.24	B	4.5	150	282	225	184	187										
22-581	1.2	1.23	C	6.6	138	245	175	173	186										
23-582	1.2	1.23	G	4.7	108	125	130	182	143										
24-583	1.2	1.22	C	5.6	150	280	180	214	101										
25-584	1.2	1.20	D	5.9	100	175	138	133	172										
26-585	1.2	1.24	H	4.6	138	225	175	183	172										
27-586	1.2	1.21	D	7.0	188	140	100	162	150										
28-587	1.2	1.24	E	NR	183	112	115	182	183										
29-588	1.2	1.24	B	4.9	145	263	225	184	186										
30-589	1.2	1.24	E	4.2	210	115	180	186	NR										
End																			

D-18

DIRECT-2-69:12-15-69
HOUSE W-4

Phase-2-A		PRESSURE (psi)								DISPLACEMENT (10 ⁻³) IN								ACCELERATION (g)					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16								
1-288	17.0	1.45	H	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR								
2-289	17.2	1.4	D																				
3-290	17.1	1.4	H																				
4-291	17.0	1.3	R																				
5-292	17.5	1.42	F																				
6-293	17.4	1.28	A																				
7-294	17.4	1.35	B																				
8-295	17.3	1.25	E																				
9-296	17.0	1.40	B																				
10-297	22.5	1.45	C																				
11-298	23.0	1.6	G																				
12-299	20.4	1.38	C																				
13-300	21.0	1.4	D																				
14-301	21.0	1.4	H																				
15-302	23.0	1.5	D																				
16-303	23.0	1.45	E																				
17-304	24.2	1.45	B																				
END																							

DATE 12-24-12 11:48
H/c - a w-6

PINS 12-14		PRESSURE (psf)								DISPLACEMENT (10 ⁻²) IN								FRC. 9170N (9)					
12-5-64		1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6		
Run	(10 ³)	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6		
1-308	12.1	E	5.5	3.2	NR	1.6	NR	4.4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
2-308	12.1	H	NR	6.2	1.7	1.9				4.3	2.2	1.9	2.2	2.5	1.5								
3-307	12.0	E	6.2	3.5	3.4	6.0				3.2	2.4	3.3	2.4	3.1	2.2								
4-308	12.0	12.5	G	4.8	3.2	3.3	4.6			2.9	1.4	3.8	2.3	6.5	6.4	1.12	7.4	1.54					
5-309	12.0	12.5	C	NR	1	NR	NR	NR	NR	8.7	2.2	6.9	2.1	6.6	1.1	3.9	5.12	0.01					
6-313	12.3	12.0	G	5.6	2.9	3.0	3.4			8.7	1.3	9.1	2.9	4.3	0.3	NR	NR	NR					
7-311	12.0	1.2	H	5.3	3.4	2.3	4.1			3.0	2.4	3.9	4.3	6.4	4.2	5.6	3.82	3.34					
7-312	12.0	1.2	D	5.3	4.0	2.3	4.8			NR	NR	NR	NR	NR	NR	8.5	6.8	2.84					
8-313	12.0	1.2	H	2.0	3.6	2.7	3.9			1.25	1.4	1.10	3.2	5.7	0.9	NR	NR	NR					
10-318	12.0	1.2	A	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR					
11-315	12.2	1.2	F	5.9	3.2	4.7	7.8			2.2	2.2	2.2	2.2	1.33	0.4	1.2	1.95	NR					
12-316	12.0	1.2	A	4.9	6.7	1.1	9.3			4.4	1.8	2.1	3.3	1.32	1.1	NR	NR	NR					
13-317	12.0	1.2	B	7.6	6.2	1.3	3.7			4.1	1.7	5.2	2.2	7.7	0.4								
14-318	12.0	1.2	E	5.3	3.0	4.2	1.6			5.9	4.4	6.5	3.3	6.3	1.2								
15-311	12.0	1.2	B	7.0	7.0	1.3	5.1			3.3	1.6	4.1	2.0	1.1	NR								
16-320	12.0	1.2	C	9.2	6.5	1.3	4.9			2.3	1.8	1.4	2.2	7.7	1.4	1.31	7.02	1.16					
17-321	12.0	1.2	G	4.2	4.2	4.8	5.1			3.4	2.4	7.4	3.1	1.6	2.0	3.2	7.4	2.27					
18-322	12.3	1.2	C	6.5	5.3	4.1	4.1			2.9	1.9	7.0	3.0	7.7	1.4	NR	NR	NR					
19-323	12.0	1.2	D	7.0	4.6	3.2	6.0			6.4	2.6	1.2	4.4	1.8	7.4	1.31	8.9	NR					
D-19																							

STRUCTURAL RESPONSE PROGRAM

COMPILED
By

DATE 12-24-64
HOUSE W-4

PHASE 2-A				PRESSURE (psf)									DISPLACEMENT (10 ⁻³) in									ACCELERATION (g)					
Run	Time	Dir	Vel	FREQ Hz	1 10 mm	2 10 mm	3 10 mm	4 10 mm	5 10 mm	6 10 mm	7 10 mm	8 10 mm	1 10 mm	2 10 mm	3 10 mm	4 10 mm	5 10 mm	6 10 mm	1 10 mm	2 10 mm	3 10 mm	4 10 mm	5 10 mm	6 10 mm			
20-324	12.0	1.21	H	5.6	4.4	NR	2.7	NR	5.5	NR	NR	NR	44	19	121	29	45	22	1.03	0.92	2.58	0.24	0.03	110	0.5	0.32	0.34
21-315	12.0	1.2	D	6.2	3.4		1.5		3.6				57	24	112	42	65	44	NR	NR	NR	0.24	0.03	0.97	0.8	0.43	0.41
22-326	12.0	1.2	E	3.2	2.3		3.8		4.3				32	43	68	44	64	11				0.24	0.03	0.52	0.30	0.60	0.48
23-327	12.0	1.2	B	5.3	4.3		1.3		5.1				23	18	66	23	74	11				0.21	0.04	0.71	0.48	0.60	0.37
24-328	12.0	1.2	E	3.9	2.3		4.8		4.1				33	43	70	36	53	14				0.24	0.03	0.60	0.24	0.58	0.48
25-329	12.0	1.21	F	5.6	3.0		3.2		2.7				12	32	20	31	29	NR				0.24	0.04	0.28	0.24	0.64	0.66
26-330	11.25	1.2	A	5.3	7.6		1.5		6.5				22	22	34	28	90	NR				0.21	0.04	0.48	0.18	0.82	0.45
27-331	11.9	1.21	F	6.2	3.2		5.2		6.1				12	30	29	26	77	37				0.21	0.04	0.48	0.27	0.64	0.78
28-332	12.0	1.16	G	5.1	3.4		3.8		4.3				32	30	104	33	100	48	110	67	2.54	0.28	0.06	0.23	0.27	0.87	0.41
29-333	12.0	1.2	C	7.9	5.2		1.3		4.8				32	24	80	22	96	34	138	127	2.22	0.21	0.03	0.78	0.21	0.75	0.37
30-334	12.0	1.21	G	5.6	3.0		3.4		3.0				25	22	65	24	77	06	NR	NR	NR	0.21	0.04	0.73	0.15	0.67	0.37
END																											

STRUCTURAL RESPONSE PROGRAM

COMPILED
By BLH

DATE 12-24-64
HOUSE W-4

PHASE 2-A				PRESSURE (psf)								DISPLACEMENT (10 ⁻³) in								ACCELERATION (g)						
Run	Time	Dir	Vel	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	1	2	3	4	5	6
1-335	12.35	1.2	H	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
2-336	12.0	1.2	D	NR	5.0		2.0		4.7			NR	NR	NR	NR	NR	NR	98	89	2.68	0.21	0.05	1.13	0.18	0.28	0.37
3-337	12.0	1.2	H	4.9	5.8		2.3		4.7			110	13	105	29	58		NR	NR	NR	0.18	0.05	0.36	0.18	0.59	0.41
4-338	12.0	1.2	H	5.2	6.0		4.4		6.0			35	14	22	15	110		39	44	1.90	0.18	0.05	0.47	0.24	0.59	0.34
5-339	12.0	1.2	F	1.3	3.1		4.1		4.2			25	21	22	22	1.05		40	21	2.12	0.18	0.03	0.36	0.21	1.00	0.15
6-340	11.7	1.2	H	6.0	1.5		2.0		6.0			47	21	22	19	2.16		NR	NR	NR	0.14	0.03	0.66	0.18	0.63	0.37
7-341	12.1	1.2	B	NR								99	12	64	13	1.17		127	53	NR	NR	NR	NR	NR	NR	NR
8-342	11.9	1.2	C	6.3	3.7		1.2		7.7			99	34	64	38	1.30		34	54	1.86	0.28	0.05	0.61	0.30	0.63	0.60
9-343	12.0	1.2	B	1.4	5.0		1.0		2.6			82	10	57	11	2.4		NR	NR	NR	0.18	0.03	0.61	0.12	0.53	0.26
10-344	12.0	1.2	C	6.0	6.6		1.0		4.2			60	21	26	20	1.14		NR	NR	NR	0.18	0.05	0.88	0.18	0.63	0.60
11-345	12.0	1.2	G	4.4	2.9		2.0		3.3			94	23	67	22	2.0		38	30	2.58	0.21	0.05	0.77	0.21	0.59	0.34
12-346	12.0	1.2	C	4.4	5.2		1.0		5.7			54	17	85	27	5.2		NR	NR	NR	0.21	0.03	0.88	0.18	0.28	0.60
13-347	11.8	1.2	D	3.5	3.1		1.0		3.5			79	21	117	30	75		13	23	5.31	0.18	0.03	1.09	0.15	0.37	0.36
14-348	12.0	1.2	H	4.6	4.4		2.0		5.3			107	18	116	28	5.9	NR	71	87	2.76	0.24	0.05	1.18	0.18	0.34	0.45
15-349	12.0	1.2	E	4.4	3.7		1.2		3			68	13	89	28	5.71		NR	NR	NR	0.21	0.03	0.93	0.18	0.37	0.45
16-350	12.0	1.2	E	6.0	3.5		4.1		5.3			61	45	52	40	1.32		172	76	NR	0.32	0.02	0.52	0.39	0.87	0.67
17-351	12.0	1.25	B	6.3	5.0		1.0		1.2			37	14	55	20	1.04		42	52	2.02	0.21	0.05	0.72	0.18	0.66	0.42
18-352	12.0	1.22	E	5.4	3.5		2.5		3.5			12	40	57	39	1.12		NR	NR	NR	0.28	0.05	0.61	0.30	0.63	0.48

D-20

D-20

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By RLH

STRUCTURAL RESPONSE PROGRAM

DATE: 2-19-12-11
HOUSE: 11-4

PHASE-A		PRESSURE (psf)								DISPLACEMENT (10 ⁻³ in)						ACCELERATION (g)					
12-7-64		1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6
Run	Time	Dir	Mag	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
1-23	9.2	12	E	5.7	3.5	NR	4.8	NR	5.0	NR	NR	NR	NR	NR	NR	0.39	0.10	0.66	0.39	0.67	0.74
20-30	9.0	12	D	4.2	4.2		5.9		5.2							0.35	0.06	0.15	0.33	0.44	0.69
21-30	9.1	12	E	4.7	3.8		9.8		2.7							0.39	0.00	0.66	0.36	0.64	0.72
END																					

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By RLH

STRUCTURAL RESPONSE PROGRAM

DATE: 2-19-12-11
HOUSE: 11-4

PHASE-A		PRESSURE (psf)								DISPLACEMENT (10 ⁻³ in)						ACCELERATION (g)					
12-8-64		1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6
Run	Time	Dir	Mag	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
1-39	7.5	12	A	11.0	11.4	NR	8.4	NR	11.3	NR	NR	NR	NR	NR	NR	0.28	0.06	0.49	0.30	1.03	2.04
2-39	7.5	12	E	11.2	7.1		11.2		11.0							0.41	0.10	0.34	0.07	1.17	1.44
3-39	7.5	12	A	9.1	11.7		7.5		10.1							0.28	0.06	0.53	0.3	2.6	1.94
4-39	7.5	12	C	9.1	8.2		7.3		9.3							0.28	0.06	0.12	0.36	1.20	1.54
5-39	7.6	12	E	9.1	5.8		8.4		10.6							0.52	0.10	0.38	0.66	1.62	1.59
6-39	7.0	12	C	10.2	10.7		6.3		9.3							0.43	0.03	0.12	0.36	1.23	1.54
7-39	7.5	12	D	11.7	8.6		8.8		9.0							0.43	0.06	0.13	0.46	1.42	1.67
8-39	7.5	12	A	11.7	11.7		7.9		11.0							0.34	0.06	0.52	0.30	2.65	2.22
9-39	7.5	12	D	11.2	7.7		9.8		12.7							0.41	0.06	0.17	0.54	1.62	2.18
10-39	7.5	12	E	11.2	5.9		11.0		8.1							0.52	0.10	0.76	0.43	1.10	1.59
11-40	7.5	12	H	12.1	11.8		7.7		10.3							0.33	0.06	0.61	0.57	2.29	1.75
12-40	7.5	12	E	11.9	6.9		11.6		11.3							0.35	0.10	0.79	0.51	1.31	1.50
13-40	7.5	12	E	11.8	6.6		11.5		9.5							0.52	0.10	0.34	0.51	1.50	1.74
14-40	7.5	12	A	11.6	9.5		10.0		9.6							0.31	0.06	0.56	0.24	2.40	1.54
15-40	7.5	12	F	11.2	3.2		12.1		9.1							0.62	0.10	0.30	0.48	1.44	1.46
16-40	7.5	12	C	9.8	9.4		7.3		10.3							0.28	0.06	0.13	0.33	1.04	1.57
17-40	7.5	12	A	11.5	9.9		7.3		9.8							0.34	0.06	0.65	0.7	2.29	1.60
18-40	7.5	12	F	11.7	5.4		10.0		9.3							0.44	0.10	0.35	0.45	1.20	1.43
19-40	7.5	12	H	12.1	2.4		6.3		9.1							0.28	0.03	0.65	0.24	1.87	1.35

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By RLH

STRUCTURAL RESPONSE PROGRAM

DATE: 2-19-12-11
HOUSE: 11-4

PHASE-A		PRESSURE (psf)								DISPLACEMENT (10 ⁻³ in)						ACCELERATION (g)					
12-8-64		1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6
Run	Time	Dir	Mag	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
20-40	7.5	12	E	12.1	5.4	NR	12.3	NR	9.5	NR	NR	NR	NR	NR	NR	0.60	0.06	0.84	0.51	1.20	1.45
21-40	7.5	12	D	11.3	7.3		7.7		7.6							0.33	0.06	0.12	0.39	1.13	1.58
22-40	7.5	12	E	12.0	6.4		12.1		10.3							0.62	0.13	0.91	0.54	1.42	1.71
END																					

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By R.L.H.

STRUCTURAL RESPONSE PROGRAM

DATE 12-24-64
HOUSE W-4

PRESSURE (psf)				DISPLACEMENT (in.)								ACCELERATION (g)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
1-416	7.0	12	A	14.0	10.4	NR	11.0	NR	NR	NR	61	88	54	45	3.79	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	

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STRUCTURAL RESPONSE PROGRAM

DATE 12-24-64
HOUSE W-4

PHASE-A				PRESSURE (psf)								DISPLACEMENT (in.)						ACCELERATION (g)					
12-9-64				1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6
Run	Alt	Wave	Vec	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6
20-435	7.0	12	A	11.2	11.4	NR	7.5	NR	10.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
21-436	7.0	12	E	15.3	6.5	14.6		10.0										0.38	0.04	0.60	0.32	0.18	202
22-437	7.0	11.7	D	11.7	9.7	10.4		10.7										0.48	0.10	0.88	0.52	0.06	132
23-438	7.0	11.8	E	14.7	7.7	12.1		15.5										0.74	0.10	1.06	0.44	0.21	156
END																							

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STRUCTURAL RESPONSE PROGRAM

DATE: 12-24-68
HOUSE: W-9

PRESSURE (L.F)		DISPLACEMENT (10 ⁻³) IN								ACCELERATION (g)									
1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6
100% FUEL	100% FUEL	100% FUEL	100% FUEL	100% FUEL	100% FUEL	100% FUEL	100% FUEL	100% FUEL	100% FUEL	100% FUEL	100% FUEL	100% FUEL	100% FUEL	100% FUEL	100% FUEL	100% FUEL	100% FUEL	100% FUEL	100% FUEL
1-443	6.5	13	A	17.3	20.9	NR	13.1	NR	17.0	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
2-444	6.5	12	F	17.5	17.3		21.5		14.9										
3-445	6.5	11.5	C	15.0	19.7		2.5		14.9										
4-446	6.5	12	F	10.5	10.9		13.4		10.5										
5-447	6.5	11.2	C	13.3	15.2		2.7		15.9										
6-448	6.5	11.4	D	14.6	11.2		15.3		15.1										
7-449	6.5	11.9	A	21.3	19.3		10.3		15.6										
8-450	6.5	11.9	D	19.7	13.4		16.7		21.4										
9-451	6.5	12	E	15.8	12.4		25.6		16.4										
10-452	6.5	11	A	12.3	15.9		2.5		12.4										
11-453	6.5	11	F	12.7	16.1		16.9		21.1										
12-454	6.5	11	F	16.5	14.5		23.3		15.9										
13-455	6.5	11	A	12.3	14.2		21.7		13.5										
14-456	6.5	11	F	16.1	17.7		15.9		11.0										
15-457	6.5	11.6	C	23.3	14.2		7.8		14.0										
16-458	6.5	11.6	D	18.3	17.2		13.8		14.5										
17-459	6.5	11.5	C	20.0	14.1		9.1		14.3										
18-460	6.5	12	A	11.9	17.2		6.4		10.8										
19-461	6.5	11.1	F	17.2	16.9		17.9		13.5										

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STRUCTURAL RESPONSE PROGRAM

DATE: 12-24-68
HOUSE: W-9

PINS 22-A				PRESSURE (PSF)								DISPLACEMENT (10 ⁻³) IN								ACCELERATION (g)					
12-10-64				1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6		
Pin No. No. No. No.				IN WALL IN	IN WALL IN	IN WALL IN	IN WALL IN	IN WALL IN	IN WALL IN	IN WALL IN	IN WALL IN	IN WALL IN	IN WALL IN	IN WALL IN	IN WALL IN	IN WALL IN	IN WALL IN	IN WALL IN	IN WALL IN	IN WALL IN	IN WALL IN	IN WALL IN	IN WALL IN		
20-462 6.5 11 A				20.0	16.1	NR	10.1	NR	13.4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
21-463 6.5 11 E				11.7	8.7		15.7		9.1																
22-464 6.5 11 D				10.3	7.5		2.3		9.3																
23-465 6.5 11 E				10.3	6.9		14.6		11.0																
END																									
													</												

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STRUCTURAL RESPONSE PROGRAM

DATE: 12-24-12-15-16
HOUSE: W-4

PHASE-A		PRESSURE (PSF)								DISPLACEMENT (10 ⁻³) IN.						ACCELERATION (g)					
12-11-64	12-11-64	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6
1-476	6.1	1.1	A	20.5	19.5	NR	12.5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
2-471	6.25	1.15	F	20.5	2.0		19.5		14.7												
3-472	6.1	1.15	A	20.5	20.0		11.9		21.3												
4-473	6.1	1.15	C	16.3	17.5		8.9		17.0												
5-474	6.08	1.13	F	6.3	2.2		22.8		15.2												
6-475	6.2	1.2	C	5.5	8.3		2.4		14.2												
7-476	6.1	1.1	D	21.2	17.8		16.1		22.5												
8-477	6.1	1.1	A	13.3	14.2		10.0		15.2												
9-478	6.1	1.1	D	23.1	13.4		13.1		13.7												
10-479	6.1	1.1	E	11.6	9.9		24.7		13.7												
11-480	6.1	1.13	F	4.3	9.8		20.6		15.4												
12-481	6.1	1.1	A	12.6	18.8		11.1		16.1												
13-482	6.1	1.13	F	13.6	13.3		23.9		16.2												
14-483	6.1	1.16	C	18.0	17.5		2.7		17.3												
15-484	6.1	1.16	D	22.4	13.6		13.1		14.4												
16-485	6.1	1.17	C	20.9	22.9		11.9		23.0												
17-486	6.2	1.17	A	NR																	
18-487	6.1	1.15	F	6.3	10.9		24.5		16.2												
19-488	6.1	1.2	F	23.1	23.2		12.8		18.0												

COMPILED
By R.L.H.

STRUCTURAL RESPONSE PROGRAM

DATE: 12-24-12-14-18
HOUSE: W-4

PHASE-A		PRESSURE (PSF)								DISPLACEMENT (10 ⁻³) IN.						ACCELERATION (g)					
12-11-64	12-11-64	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6
20-489	6.1	1.16	F	25.3	10.4	NR	27.0	NR	19.2	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
21-490	6.1	1.18	A	12.7	18.3		10.6		17.5												
22-491	6.1	1.18	F	13.1	8.2		17.8		15.7												
END																					

COMPILED
By RLH.

STRUCTURAL RESPONSE PROGRAM

DATE: 2-19-64
HOUSE: W-9

PULSE-A				PRESSURE (PSF)								DISPLACEMENT (10 ⁻³ in)						ACCELERATION (g)					
Run	Time	Loc	Dir	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6
12-12-64																							
1-426	12.0	12	E	5.5	1.7	NR	45	NR	2.6	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
2-427		12	B	3.1	4.2		2.3		3.2														
3-428		12	E	NR																			
4-449		12	F	3.1	2.0		4.5		3.1														
5-500		12	A	3.3	4.7		2.0		3.8														
6-501		12	E	3.9	1.8		3.7		2.9														
7-502		12	H	3.1	3.4		2.3		2.7														
8-503		12	D	3.9	3.0		3.7		3.4														
9-504	16.2	12	H	4.3	3.0		2.5		3.8														
10-505	17.0	12	H	2.3	2.7		1.8		2.3														
11-506		12	F	2.2	2.1		3.3		2.8														
12-507		12	H	4.2	2.9		2.0		2.2														
13-508		12	B	3.7	4.2		1.8		8.2														
14-509		12	E	3.1	1.8		3.2		2.4														
15-510		12	B	2.3	2.9		2.0		1.7														
16-511		12	C	NR																			
17-512		12	F	1.8	1.7		2.3		1.3														
18-513		12	C	1.4	1.8		1.2		1.5														
19-514		12	D	2.9	2.1		2.2		2.0														

COMPILED
By RLH.

STRUCTURAL RESPONSE PROGRAM

DATE: 2-19-64
HOUSE: W-9

Pulse-A				PRESSURE (PSF)								DISPLACEMENT (10 ⁻³ in)						ACCELERATION (g)					
Run	Time	Loc	Dir	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6
20-515	17.0	13	H	4.7	4.0	NR	2.7	NR	3.7	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
21-516		13	D	3.7	2.3		2.2		2.4									NR	NR	NR	NR	NR	NR
22-517		13	E	2.9	1.3		3.7		2.4									NR	NR	NR	NR	NR	NR
23-518		13	B	2.9	2.0		1.7		1.8									NR	NR	NR	NR	NR	NR
24-519		13	E	2.7	1.6		2.3		1.7									NR	NR	NR	NR	NR	NR
25-520		13	F	4.5	2.1		4.0		4.0									NR	NR	NR	NR	NR	NR
26-521		13	E	1.4	0.9		1.3		1.1									NR	NR	NR	NR	NR	NR
27-522		13	F	NR														NR	NR	NR	NR	NR	NR
28-523		13	F	2.3	1.3		1.8		1.5									NR	NR	NR	NR	NR	NR
29-524		13	F	1.6	1.2		1.8		1.8									NR	NR	NR	NR	NR	NR
30-525	17.7	D	3.5	1.8		2.7		2.9										NR	NR	NR	NR	NR	NR
END																							

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STRUCTURAL RESPONSE PROGRAM

DATE 12-2-69 12:15-18
HOUSE W-9

PULSE-A			PRESSURE (PSF)									DISPLACEMENT (10 ⁻² in)						ACCELERATION (g)								
Run	Time	Sec	W	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6			
1-526	20	1.4	E	2.9	1.5	NR	3.0	NR	2.8	NR	NR	NR	NR	NR	NR	NR	NR	.15	.21	.46	.012	.003	.012	.029	.037	
2-527		1.4	B	2.1	2.0		2.0		1.8									.02	.12	.84	.019	.003	.020	.038	.039	
3-528		1.4	E	2.3	1.2		2.7		2.2									NR	NR	NR	.012	.003	.020	.016	.037	
4-529		1.4	E	2.9	1.5		2.7		2.3									.17	.20	1.53	.012	.003	.020	.016	.043	.034
5-530		1.42	A	2.5	2.6		1.5		2.8									.20	.11	1.22	.019	.003	.017	.020	.040	.025
6-531		1.38	F	2.3	1.4		2.7		2.3									NR	NR	NR	.012	.003	.020	.019	.043	.037
7-531		1.4	H	2.9	2.0		2.2		2.7									.31	.31	1.83	.012	.003	.020	.019	.017	.037
8-533			D	2.0	1.5		2.0		1.5									.19	.29	1.12	.015	.003	.023	.003	.039	.025
9-534			H	2.1	1.4		1.7		1.4									NR	NR	NR	.012	.003	.020	.019	.017	.029
10-535			A	2.0	2.2		1.3		1.3									.14	.12	.99	.010	.003	.020	.005	.037	.021
11-536			F	2.3	1.4		2.9		2.4									.15	.19	1.34	.012	.003	.020	.016	.043	.038
12-537			A	2.1	2.4		1.3		1.7									NR	NR	NR	.010	.003	.017	.008	.037	.017
13-538			B	1.8	2.7		1.5		1.7									.06	.15	.77	.010	.003	.020	.005	.030	.021
14-539			E	3.7	1.5		2.7		1.8									.31	.30	NR	.015	.003	.020	.019	.043	.037
15-540			B	2.1	1.9		1.5		1.5									NR	NR	NR	.012	.003	.020	.008	.037	.021
16-541			C	3.1	2.3		1.3		2.7									.34	.14	1.23	.010	.003	.020	.010	.037	.021
17-542			F	2.3	1.2		1.9		1.2									NR	NR	NR	.019	.003	.020	.019	.037	.021
18-543			C	2.1	2.2		1.5		1.8									NR	NR	NR	.010	.003	.020	.019	.043	.029
19-544			D	2.1	1.9		1.9		2.2									.34	.37	1.91	.022	.003	.020	.019	.043	.037

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STRUCTURAL RESPONSE PROGRAM

DATE 12-2-69 12:15-18
HOUSE W-9

PULSE-A				PRESSURE (PSF)								DISPLACEMENT (10 ⁻² in)								ACCELERATION (g)						
Run	Time	Sec	W	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6			
20-545	20	1.4	H	2.9	2.2	NR	2.9	NR	3.3	NR	NR	NR	NR	NR	NR	NR	NR	.31	.28	1.54	.010	.005	.020	.019	.020	.028
21-546		1.4	D	2.3	1.9		2.0		2.2									NR	NR	NR	.015	.003	.020	.013	.037	.037
22-547		1.39	E	2.3	1.5		2.9		2.7									NR	NR	NR	.013	.003	.020	.021	.030	.057
23-548		1.4	B	2.3	2.8		1.9		2.0									NR	NR	NR	.010	.003	.020	.008	.037	.032
24-549		1.41	E	2.1	1.2		2.4		1.3									NR	NR	NR	.019	.003	.020	.012	.040	.032
25-550		1.4	F	2.9	1.9		3.6		2.3									.32	.29	1.63	.019	.005	.020	.023	.037	.057
26-551			A	2.9	2.2		1.7		1.7									.29	.12	1.23	.010	.003	.017	.013	.047	.037
27-552			F	6.0	1.4		2.2		1.6									NR	NR	NR	.012	.003	.020	.016	.047	.017
28-553			H	3.3	2.0		2.0		1.6									.32	.19	1.15	.012	.003	.020	.013	.020	.029
29-554			D	2.3	1.7		2.0		2.0									.19	.31	1.12	.015	0	.023	.013	.034	.022
30-555			H	6.4	2.6		3.6		3.1									NR	NR	NR	.015	.005	.020	.019	.054	.053
END																										

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COMPILED
By RLH

STRUCTURAL RESPONSE PROGRAM

DATE 2-24-74
HOUSE 41-9

PHASE-A		PRESSURE (P.F.)								DISPLACEMENT (10 ⁻²) IN						ACCELERATION (g)								
12-15-64	Run	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6			
1-598	12.115	F	NR							.05	.05	.22	.15	.86	NR	.34	.42	.173	.007	NR	.011	.005	.055	.022
2-598	12.117	A	NR							.30	.07	.24	.13	.13		.31	.31	2.00	.007		.011	.005	.050	.024
3-598	1.5	F	NR							.29	.24	.38	.19	1.05		NR	NR	NR	.016		.076	.008	.065	.039
4-598	10.5	D	NR							.67	.68	1.51	.36	1.20	.50	1.35	1.08	NR	.005		.085	.005	.025	.067
5-598	13	H	NR							.86	.24	1.43	.38	1.45	.28	NR	NR	NR	.025		.044	.013	.058	.101
6-598	13	D	NR							.69	.05	1.29	.25	NR	NR	NR	NR	NR	.002		.074	.005	.088	.055
7-598	12.1	H	NR	.73	.59	.43	.43	.56	.48	.24	1.0					.42	.59	2.00	.010		.026	.008	.108	.047
8-598	11.23	F	NR	.34	.43	.71	.43	.55	.50	.66	.07					NR	NR	NR	.019		.081	.026	.052	.063
9-600	12.6	H	NR	.77	.62	.39	.30	.54	.57	.22	1.2								NR					
10-600	12.0	D	NR	.46	.67	.50	.35	.40	1.0	.1	.24	.07							.010		.028	.021	.116	.081
11-600	10.5	E	NR	.56	.24	.34	.74	.63	.55	.44	.09								.025		.041	.024	.067	.072
12-600	10.5	D	NR	.60	.77	.79	.41	.62	.43	.52	.26	.07							.027		.082	.021	.092	.057
13-600	10.5	C	NR	.58	.70	.33	.39	.75	.64	.50	.22	.10							.010		.048	.021	.062	.057
14-600	10.4	F	NR	.53	.39	.53	.81	.43	.52	.28	.14								.032		.024	.025	.109	.084
15-600	10.5	C	NR	.60	.74	.34	.35	.70	.66	.54	.19	.06							.010		.052	.021	.055	.061
16-600	10.5	D	NR	.70	NR					.22	.09								.012		.068	.013	.032	.043
17-600	10.4	H	NR	.55	NR					.21	.09								.005		.005	.030	.057	
18-600	10.5	D	NR	.56	.43	.37	.46	.55	.39	.48	.16	.07							.009		.048	.016	.055	.073

COMPILED
By RLH

STRUCTURAL RESPONSE PROGRAM

DATE 2-24-74
HOUSE 41-9

PHASE-A				PRESSURE (psf)								DISPLACEMENT (10 ⁻² in)								ACCELERATION (g)							
12-15-64				1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6				
Run	WPA	WPA	WPA	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6				
19-610	0.5	127	E	6.0	3.6	3.0	8.3	6.3	2.9	5.3	1.9	0.9	NR					NR	NR	NR	.032	NR	.052	.026	.052	.067	
20-611		123	B	5.8	7.4	2.4	3.4	2.7	2.3	5.2	1.9	1.0	NR					.012		.072	.021	.089		.043			
21-612		125	E	5.9	4.3	3.7	10.3	8.5	5.3	6.1	1.8	0.7	NR					.032		.048	.026	.073		.073			
22-613		121	F	4.4	3.4	4.3	6.0	3.8	4.5	4.8	1.6	0.9	.49	.29	.41	.10	1.13	NR			.072		.024	.026	.067	.071	
23-614		12	A	7.0	2.3	6.7	3.9	4.0	4.3	5.0	1.6	1.0	.26	.22	.48	.12	1.56				.015		.031	.008	.024	.061	
24-615		121	F	3.0	3.7	4.9	6.7	3.0	3.9	5.0	1.8	0.9	.48	.29	.46	.10	1.32	↓	↓	↓	↓	.013	↓	.034	.026	.073	.077
END																											

STRUCTURAL RESPONSE PROGRAM

COMPILED
By: J. C. S.

DATE: 12-15-65
HOUSE: W-9

PULSE Z-R		PRESSURE								DISPLACEMENT						ACCELERATION (g)					
1-15-65	1-15-65	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6
Run	1.5 1.5 1.5	W	N	E	S	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
1-1	1.2 1.2 A									111	129	276	062	1720	171	007	003	017	022	086	002
2-2	1.2 1.2 F									319	245	330	145	1510	239	012	005	028	032	171	056
3-3	1.2 1.2 A									150	142	170	150	833	051	014	003	020	022	172	062
4-4	1.2 1.2 L									530	155	035	062	1063	359	014	003	020	040	103	090
5-5	1.5 1.2 E									51	297	449	185	924	428	018	0	034	090	024	056
6-6	1.2 1.2 L									462	191	435	150	956	084	014	003	024	035	103	042
7-7	1.2 1.2 C									802	322	638	185	588	496	020	003	034	056	083	058
8-8	1.2 1.2 F									680	170	1	152	616	376	014	006	031	063	111	082
9-9	1.2 1.2 C									810	322	725	304	602	584	023	003	034	062	101	058
10-10	1.2 1.1 X									815	245	711	221	1015	010	020	003	034	058	118	068
11-11	1.2 1.2 H									917	142	603	123	120	010	012	003	020	059	083	066
12-12	1.2 1.2 S									530	271	319	150	510	068	018	003	031	058	094	062
13-13	1.2 1.2 E	57	4	1.5	5	4	4.5	2.5	2.5	2.0	2.4	2.10	270	273	248	017	023	003	041	043	156
14-14	1.2 1.2 F	6.6	5.8	1.4	2.7	1.5	2.0	2.1	4.6	5.44	181	425	150	1218	051	015	0	020	046	192	080
15-15	1.2 1.2 E	2.5	2.1	2.5	5.6	4.2	4.2	3.0	2.3	265	370	232	262	863	017	028	0	034	032	109	048
16-16	1.2 1.2 F	4.1								313	258	290	1.4	1357	030	018	003	027	038	167	028
17-17	1.2 1.2 A	5.6								461	245	176	154	1402	017	018	003	024	042	319	056
18-18	1.2 1.2 F	4.1								280	206	270	108	1079	030	014	003	028	030	151	052
19-19	1.2 1.2 F	5.0								115	100	454	139	771	015	012	006	031	058	103	066

STRUCTURAL RESPONSE PROGRAM

COMPILED
By: J. C. S.

DATE: 12-15-65
HOUSE: W-9

PULSE Z-R		PRESSURE								DISPLACEMENT						ACCELERATION (g)					
1-15-65	1-15-65	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6
Run	1.5 1.5 1.5	W	N	E	S	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
20-20	1.2 1.2 C	6.5								563	258	270	216	711	051	020	003	041	043	220	066
21-21	1.2 1.2 F	6.1								705	129	580	150	920	012	012	003	028	065	106	086
22-22	1.2 1.2 A	4.3								680	142	566	071	940	068	013	003	013	057	103	058
23-23	1.2 1.2 F	5.6								626	335	706	100	1135	065	014	003	024	051	112	074
24-24	1.2 1.2 F	4.3								953	245	783	150	1682	053	018	006	028	085	177	024
25-25	1.2 1.2 F	4.1								418	201	203	151	2121	171	020	003	028	047	274	048
26-26	1.2 1.2 F	5.0								286	245	216	150	14	256	018	003	028	030	169	048
27-27	1.2 1.2 F	1								521	255	141	170	1960	171	020	003	028	027	312	066
28-28	1.2 1.2 F	4.1	4.5	1.0	2.5	4	2	1.5	1	514	100	161	150	1631	025	020	003	028	040	219	042
29-29	1.2 1.2 F	4.1	4.2	1.1	2.7	2.0	1.9	1.1	1.5	100	33	145	100	120	015	012	0	020	022	176	046

COMPILED
By Hand

STRUCTURAL RESPONSE PROGRAM

DATE: 12-12-65
HOUSE: K1-6

Phase & R		Pressure (p.s.f.)								Displacement (in.)						Acceleration (g)						
Run	Time	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6	
1-31	11.5-12.5	6.1	2.1	4.1	6.6	3.4	6.7	6.6	2.4	6.8	196	536	146	703	394	0.13	0	0.20	0.14	0.22	0.14	
2-32	11.8-12.5	6.1	2.1	4.1	6.6	3.4	6.7	6.6	2.4	6.8	196	536	146	703	394	0.13	0	0.20	0.14	0.22	0.14	
3-33	11.5-12.5	6.0	2.2	3.6	3.8	6.0	2.0	6.2	3.7	6.8	196	536	146	703	394	0.13	0	0.20	0.14	0.22	0.14	
4-34	12-12.5	6.0	3.6	3.6	4.1	4.3	5.1	4.1	2.5	6.8	196	536	146	703	394	0.13	0	0.20	0.14	0.22	0.14	
5-35	12-12.5	6.0	3.9	2.1	4.1	3.4	5.5	5.3	2.3	6.8	196	536	146	703	394	0.13	0	0.20	0.14	0.22	0.14	
6-36	12-12.5	6.5	3.3	3.0	4.7	2.7	5.5	4.1	2.4	6.8	196	536	146	703	394	0.13	0	0.20	0.14	0.22	0.14	
7-37	11.7-12.0	6.5	3.3	4.1	6.6	6.0	5.5	5.9	3.7	6.8	196	536	146	703	394	0.13	0	0.20	0.14	0.22	0.14	
8-38	12-12.5	5.6	5.1	6.6	3.1	2.1	3.7	3.8	2.9	6.8	196	536	146	703	394	0.13	0	0.20	0.14	0.22	0.14	
9-39	12-12.5	6.2	3.6	3.6	5.9	6.0	4.8	3.8	3.4	6.8	196	536	146	703	394	0.13	0	0.20	0.14	0.22	0.14	
10-40	11.7-12.0	6.8	3.9	4.1	6.9	3.4	2.0	4.4	NR	6.8	196	536	146	703	394	0.13	0	0.20	0.14	0.22	0.14	
11-41	11.6-12.0	6.0	6.7	3.6	3.4	2.6	4.4	4.7	NR	6.8	196	536	146	703	394	0.13	0	0.20	0.14	0.22	0.14	
12-42	12-12.5	5.4	3.3	3.6	5.9	3.5	5.9	5.3	NR	6.8	196	536	146	703	394	0.13	0	0.20	0.14	0.22	0.14	
13-43	12-12.5	6.6	3.6	5.6	5.6	3.0	5.1	4.7	NR	6.8	196	536	146	703	394	0.13	0	0.20	0.14	0.22	0.14	
14-44	12-12.5	7.3	6.0	4.1	3.1	4.3	4.8	4.7	NR	6.8	196	536	146	703	394	0.13	0	0.20	0.14	0.22	0.14	
15-45	2.5-1.35	4.0	2.4	3.0	3.1	3.0	2.6	2.5	3.2	1.8	2.36	165	268	104	681	NR	0.15	0	0.14	0.22	0.26	0.40
16-46	2.5-1.35	5.1	2.4	3.6	3.8	2.7	2.9	2.5	2.9	2.0	2.36	165	308	105	740	NR	0.13	0	0.14	0.22	0.23	0.37
17-47	2.5-1.35	4.5	3.0	3.0	5.6	3.0	3.7	3.1	3.4	2.2	2.36	243	228	117	244	NR	0.18	0	0.20	0.22	0.26	0.47
18-48	2.5-1.35	4.0	2.7	2.5	3.7	2.6	2.6	2.8	3.1	2.0	2.36	129	262	130	280	NR	0.15	0	0.12	0.25	0.26	0.40
19-49	2.5-1.35	2.9	2.1	3.0	3.7	6.7	4.8	2.2	3.1	1.7	2.36	157	285	159	637	NR	0.18	0	0.14	0.25	0.26	0.30

COMPILED
By p.c.c

STRUCTURAL RESPONSE PROGRAM

DATE: 12-12-65
HOUSE: K1-6

Phase & R				Pressure (p.s.f.)								Displacement (in.)						Acceleration (g)					
Run	Time	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6		
		1 WALL	2 WALL	3 WALL	4 WALL	5 FLOOR	6 FLOOR	7 1st Room	8 2nd Room	1 WALL	2 WALL	3 WALL	4 WALL	5 INTER. WALL	6 2nd FLOOR	1 WALL	2 WALL	3 WALL	4 WALL	5 INTER. WALL	6 2nd FLOOR		
1-16-65	11:16	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5		
20-50	12-12.5	5.5	3.3	5.6	3.1	2.1	2.9	2.4	2.2	2.6	396	179	670	172	889	NR	0.22	0.23	0.14	0.26	0.22	0.27	
21-51	11.9-12.5	5.7	3.3	3.6	4.4	5.6	5.5	4.7	NR	2.2	534	342	496	175	577	NR	0.24	0.23	0.21	0.25	0.26	0.53	
22-52	12-12.5	4.4	3.9	2.2	2.8	2.6	4.0	4.1	NR	3.1	496	163	563	146	814	0.28	0.22	0	0.11	0.27	0.27		
23-53	12-12.5	4.5	5.1	3.0	2.8	3.4	2.9	2.8	2.2	3.1	347	212	161	146	703	NR	0.22	0	0.20	0.25	0.26	0.47	
24-54	12-12.5	6.0	3.3	5.1	6.2	4.7	4.4	4.4	NR	3.1	360	187	415	146	1629	NR	0.22	0.23	0.28	0.22	0.20	0.53	
25-55	12-12.5	5.4	5.1	3.6	3.1	2.6	4.0	3.8	NR	3.0	372	228	157	146	2220	NR	0.21	0	0.20	0.22	0.25	0.43	
26-56	12-12.5	5.0	3.0	2.6	3.8	4.3	5.5	5.9	NR	4.7	521	179	603	146	1990	NR	0.22	0.23	0.31	0.56	0.32	0.73	
27-57	12-12.5	8.3	2.7	4.1	6.6	4.8	7.0	4.3	NR	2.8	360	359	294	292	873	NR	0.34	0	0.22	0.39	0.29	0.69	
28-58	12-12.5	5.8	5.8	6.1	2.8	3.4	4.0	2.4	3.1	3.1	496	163	455	172	2518	NR	0.18	0.23	0.24	0.24	0.24	0.53	
29-59	12-12.5	6.2	2.5	3.6	3.1	6.4	7.0	2.8	4.3	3.1	496	228	388	290	2660	NR	0.20	0.23	0.25	0.23	0.21	0.60	
30-60	12-12.5	5.8	4.8	6.6	4.7	3.0	6.1	5.9	3.1	2.6	445	147	536	146	1065	0.18	0.23	0.24	0.50	0.17	0.21		
31-61	12-12.5	6.2	5.5	3.6	2.5	3.4	4.0	3.8	3.4	2.9	496	179	210	161	2719	NR	0.26	0	0.28	0.22	0.31	0.63	
32-62	12-12.5	6.0	3.9	3.6	4.2	6.0	6.2	5.6	2.6	1.8	583	277	670	175	740	NR	0.26	0	0.28	0.26	0.23	0.63	
33-63	11.8-12.5	4.4	3.3	5.6	3.1	2.6	3.7	NR	2.3	2.3	496	163	576	172	43	NR	0.18	0	0.18	0.50	0.26	0.53	
34-64	11.6-12.0	2.6	5.0	4.1	5.0	9.4	6.6	4.7	3.1	2.6	720	294	304	261	55	NR	0.30	0.23	0.35	0.70	0.36	1.00	
End.																							

Dinner: 12:15-1:00
House: 4-6

Pulse 1-R				Pressure (p.s.i.)								Displacement (in.)						Acceleration (g)						
				1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6	
				W H	W H	W H	W H	W H	W H	W H	W H	W H	W H	W H	W H	W H	W H	W H	W H	W H	W H	W H	W H	
1-65	14.9	12.1	E	6.7	1.0	2.6	6.2	1.9	1.4	4.8	1.8	2.3	5.6	116	489	146	701	429	0.12	0.00	0.02	0.21	0.81	0.48
2-66	1.6	14.9	B	6.8	6.0	2.5	2.8	1.9	2.1	4.2	1.2	2.4	5.8	116	506	117	1182	410	0.14	0	0.29	0.42	1.19	0.37
3-67	2.0	14.9	E	6.0	2.7	2.6	5.9	4.5	3.2	3.9	2.8	2.3	3.8	216	359	146	701	315	0.14	0	0.29	0.31	0.83	0.42
4-68	1.2	12.1	F	7.0	3.3	3.5	6.5	2.5	2.5	4.5	1.4	1.2	1.2	316	107	190	1021	110	0.14	0	0.29	0.15	1.22	0.55
5-69	1.2	10.0	A	7.6	6.1	4.4	3.4	2.5	2.6	5.1	1.4	1.7	2.61	249	163	146	876	157	0.16	0	0.29	0.23	1.19	0.58
6-70	1.2	12.1	F	6.9	1.3	3.5	6.2	3.8	2.9	4.2	1.2	1.1	1.49	316	131	278	1021	129	0.16	0	0.24	0.15	1.27	0.57
7-71	11.0	12.0	G	8.1	3.0	5.7	5.2	1.6	2.1	4.8	1.4	1.4	7.01	183	522	146	759	401	0.16	0	0.29	0.48	1.08	0.54
8-72	1.2	12.6	C	6.5	1.2	3.1	3.1	4.5	2.9	3.8	1.1	1.2	7.32	349	799	263	740	687	0.19	0	0.31	0.61	1.11	0.51
9-73	1.2	12.0	G	5.8	2.7	5.7	4.3	1.6	2.1	4.2	1.1	1.2	7.01	199	506	146	716	429	0.14	0	0.29	0.41	0.86	0.68
10-74	14.8	12.5	H	2.5	3.9	6.1	3.7	1.3	2.1	2.8	1.2	1.1	7.95	316	783	190	770	640	0.14	0	0.36	0.63	0.90	0.88
11-75	1.2	12.2	D	5.6	4.2	3.1	4.0	4.1	2.8	3.5	1.0	1.1	9.79	349	930	219	598	820	0.23	0	0.38	0.73	1.78	0.71
12-76	1.2	12.6	H	5.8	4.8	7.9	4.0	2.5	4.3	5.8	1.1	1.2	8.13	299	652	146	730	558	0.16	0	0.34	0.63	0.83	0.72
13-77	14.8	12.1	A	5.3	5.1	4.4	3.4	2.9	3.9	3.3	1.5	1.5	2.85	183	179	146	109	143	0.19	0	0.19	0.17	1.22	0.37
14-78	14.9	12.0	F	7.3	3.3	4.0	5.3	2.5	2.6	3.2	1.2	1.2	1.20	183	0.65	146	1051	0.29	0.12	0.02	0.23	1.49	0.63	
15-79	1.2	12.2	A	4.8	2.6	4.4	3.4	2.9	6.4	5.4	2.6	3.1	2.23	166	0.65	133	1037	1.29	0.14	0	0.24	0.15	1.65	0.83
16-80	1.2	12.6	B	5.6	6.0	5.1	2.8	1.6	2.1	4.8	1.2	1.2	4.22	166	473	146	759	386	0.27	0	0.29	0.40	1.38	0.55
17-81	1.2	12.4	E	7.0	2.4	2.2	5.3	3.5	3.2	3.8	1.2	1.1	5.95	282	326	732	740	401	0.23	0	0.34	0.33	1.02	0.58
18-82	1.2	12.5	B	6.8	6.3	6.1	2.5	1.6	3.5	4.2	1.2	1.2	3.97	183	392	175	139	266	0.25	0.02	0.26	0.49	1.53	0.68
19-83	1.2	12.1	C	6.0	3.9	2.2	2.8	1.9	3.5	3.5	2.3	2.3	6.08	282	538	778	968	501	0.25	0	0.29	0.50	1.11	0.51

DRIVE-15-65:124 65
HOUSE W-6

[illegible]

COMPILED
By 222

STRUCTURAL RESPONSE PROGRAM

DATE: 15-12-65
HOUSE W-0

PHASE 2-R		PRESSURE (p.s.f.)								DISPLACEMENT (in.)						ACCELERATION (g)					
1-18-65	Run	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6
1-95	120	120	9	5.5	2.7	5.2	6.2	2.8	2.8	4.7	1.1	1.1	1.1	1.1	1.1	0.14	0.14	0.14	0.14	0.14	0.14
2-96	120	126	C	5.6	4.9	2.0	2.5	2.0	3.8	3.2	NR	0.8	0.8	0.8	0.8	0.19	0.19	0.19	0.19	0.19	0.19
3-97	122	125	G	7.4	2.4	4.0	5.3	1.6	3.8	4.1	NR	0.8	0.8	0.8	0.8	0.12	0.12	0.12	0.12	0.12	0.12
4-98	120	125	H	6.4	4.3	3.2	4.4	2.4	3.2	4.4	NR	0.8	0.8	0.8	0.8	0.23	0.23	0.23	0.23	0.23	0.23
5-99	120	123	D	5.4	2.7	2.0	4.1	3.2	3.5	3.5	NR	2.3	2.3	2.3	2.3	0.21	0.21	0.21	0.21	0.21	0.21
6-100	119	125	H	5.1	(NO RECORD)	(NO RECORD)	(NO RECORD)	(NO RECORD)	(NO RECORD)	(NO RECORD)	(NO RECORD)	(NO RECORD)	(NO RECORD)	(NO RECORD)	(NO RECORD)	0.16	0.16	0.16	0.16	0.16	0.16
7-101	120	120	A	5.4	6.1	2.8	3.4	3.6	4.0	4.4	1.4	1.5	1.5	1.5	1.5	0.19	0.19	0.19	0.19	0.19	0.19
8-102	121	122	F	5.8	3.6	3.6	6.8	3.6	4.7	4.4	1.6	1.1	1.1	1.1	1.1	0.16	0.16	0.16	0.16	0.16	0.16
9-103	120	125	A	6.3	6.1	2.8	3.4	3.6	5.1	4.7	1.4	1.5	1.5	1.5	1.5	0.19	0.19	0.19	0.19	0.19	0.19
10-104	119	121	A	4.8	6.4	5.2	2.5	2.4	4.1	4.7	1.1	1.7	1.7	1.7	1.7	0.19	0.19	0.19	0.19	0.19	0.19
11-105	120	123	E	5.1	2.7	2.4	5.0	6.9	3.2	3.2	1.4	0.8	0.8	0.8	0.8	0.21	0.21	0.21	0.21	0.21	0.21
12-106	120	123	A	5.3	5.8	5.2	3.1	2.8	4.4	4.7	1.2	1.8	1.8	1.8	1.8	0.25	0.25	0.25	0.25	0.25	0.25
13-107	120	125	C	5.6	5.5	2.0	2.2	4.9	3.8	3.2	1.6	0.9	0.9	0.9	0.9	0.25	0.25	0.25	0.25	0.25	0.25
14-108	120	125	G	4.5	4.8	2.8	2.8	2.0	1.9	2.2	0.9	0.2	0.2	0.2	0.2	0.19	0.19	0.19	0.19	0.19	0.19
15-109	120	127	C	4.7	(NO RECORD)	(NO RECORD)	(NO RECORD)	(NO RECORD)	(NO RECORD)	(NO RECORD)	(NO RECORD)	(NO RECORD)	(NO RECORD)	(NO RECORD)	(NO RECORD)	0.23	0.23	0.23	0.23	0.23	0.23
16-110	120	126	H	5.1							3.1	2.2	2.2	2.2	2.2	0.14	0.14	0.14	0.14	0.14	0.14
17-111	120	125	D	5.4							1.2	1.2	1.2	1.2	1.2	0.23	0.23	0.23	0.23	0.23	0.23
18-112	120	129	H	5.1							1.6	1.5	1.5	1.5	1.5	0.23	0.23	0.23	0.23	0.23	0.23
19-113	118	120	E	4.5							1.6	0.6	0.6	0.6	0.6	0.23	0.23	0.23	0.23	0.23	0.23

STRUCTURAL RESPONSE PROGRAM

COMPILED
By 24

DATE: 15-12-65
HOUSE W-0

PHASE 2-R		PRESSURE (p.s.f.)								DISPLACEMENT (in.)						ACCELERATION (g)					
1-18-65	Run	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6
20-114	117	120	A	6.4						1.6	1.8	1.8	1.8	1.8	1.8	0.21	0.21	0.21	0.21	0.21	0.21
21-115	120	120	E	8.7						1.6	0.6	0.6	0.6	0.6	0.6	0.27	0.27	0.27	0.27	0.27	0.27
22-116	120	120	F	5.2						1.6	1.2	1.2	1.2	1.2	1.2	0.16	0.16	0.16	0.16	0.16	0.16
23-117	121	125	A	6.6						1.2	1.4	1.4	1.4	1.4	1.4	0.21	0.21	0.21	0.21	0.21	0.21
24-118	120	125	F	6.2						1.6	1.2	1.2	1.2	1.2	1.2	0.21	0.21	0.21	0.21	0.21	0.21
25-119	120	128	G	6.6						1.2	1.2	1.2	1.2	1.2	1.2	0.16	0.16	0.16	0.16	0.16	0.16
26-120	119	129	C	6.2						1.6	0.6	0.6	0.6	0.6	0.6	0.23	0.23	0.23	0.23	0.23	0.23
27-121	121	131	G	5.1						1.2	0.9	0.9	0.9	0.9	0.9	0.14	0.14	0.14	0.14	0.14	0.14
28-122	118	132	D	5.0						1.2	1.2	1.2	1.2	1.2	1.2	0.21	0.21	0.21	0.21	0.21	0.21
29-123	120	131	H	5.7						1.6	1.5	1.5	1.5	1.5	1.5	0.23	0.23	0.23	0.23	0.23	0.23
30-124	120	120	D	4.2						1.6	1.5	1.5	1.5	1.5	1.5	0.21	0.21	0.21	0.21	0.21	0.21
End																					

STRUCTURAL RESPONSE PROGRAM

COMPILED
BY G.C.C.

DATE 15-15-124-68
HOUSE W-6

PHASE & R				PRESSURE (P.S.F.)								DISPLACEMENT (IN.)						ACCELERATION (G)						
1-19-65				1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6	
RUN	WT	MAN	WGT	1 WALL IN	2 WALL IN	3 WALL IN	4 WALL IN	5 WALL IN	6 WALL IN	7 WALL IN	8 WALL IN	1 WALL IN	2 WALL IN	3 WALL IN	4 WALL IN	5 WALL IN	6 WALL IN	1 WALL IN	2 WALL IN	3 WALL IN	4 WALL IN	5 WALL IN	6 WALL IN	
1-125	12	125	F	6.4	3.3	4.5	6.8	2.5	4.7	4.1	1.6	120	170	33	130	817	1.13	0.2	0.4	0.22	0.19	1.54	0.48	
2-126	128	102	F	2.0	1.2	1.5	1.5	1.7	0.7	1.2	0.6	0.48	0.48	109	0.29	3.5	0.02	0.01	0.10	0.10	0.38	0.16		
3-127	126	143	A	2.2	2.1	1.5	1.2	0.8	1.0	1.6	1.2	0.96	0.20	0.85	0.10	0.23	0.10	0.07	0	0.10	0.08	0.47	0.16	
4-128	12	124	A	6.1	6.4	7.0	3.1	2.9	2.3	5.3	1.4	1.60	0.12	5.02	0.43	1.39	3.10	0.08	0.02	0.17	0.02	1.54	0.59	
5-129	12	125	E	4.8	2.7	3.0	5.9	4.6	2.3	4.4	1.2	1.80	3.10	387	2.16	1.18	353	0.02	0.02	0.34	0.29	1.02	0.87	
6-130	11	125	A	2.2	6.4	6.0	3.3	1.7	2.7	3.8	1.2	1.80	1.21	6.18	1.30	7.00	0.23	0.16	0.02	0.19	0.48	1.48	0.55	
7-131	12	125	C	2.2	6.4	2.5	2.8	4.2	2.7	4.7	1.4	1.6	1.60	2.62	6.42	2.89	1.05	5.64	0.03	0.02	0.24	0.56	1.30	0.78
8-132	12	124	G	6.0	3.0	6.0	4.6	2.5	2.3	4.4	2.5	1.3	1.60	2.50	7.26	3.17	9.61	4.77	0.19	0.02	0.29	0.50	1.30	0.76
9-133	12	129	C	3.1	2.6	3.0	7.8	6.3	4.0	6.2	1.9	1.6	(1.6)	(1.6)	(1.6)	(1.6)	(1.6)	0.23	0	0.24	0.54	1.43	1.04	
10-134	12	125	D	6.9	3.0	2.5	3.7	5.5	5.3	4.1	1.6	1.3	1.60	3.33	7.75	1.59	5.80	4.77	0.23	0.02	0.24	0.61	1.74	0.64
11-135	119	129	H	8.0	3.0	5.0	3.1	5.8	2.0	3.1	1.3	0.9	1.62	2.10	7.10	1.58	7.16	5.50	0.19	0.02	0.22	0.52	0.77	0.61
12-136	118	120	D	6.5	2.3	2.5	4.3	5.0	5.4	4.1	1.9	1.6	1.60	3.57	8.47	2.74	6.13	7.05	0.25	0.02	0.26	0.53	0.89	0.87
13-137	25	133	F	5.7	3.0	3.5	4.3	2.5	2.3	3.1	1.9	1.6	1.60	2.95	7.30	1.29	7.20	1.55	0.12	0	0.14	0.21	0.82	0.30
14-138	25	129	F	3.4	3.0	4.0	4.0	2.5	2.7	4.1	2.8	2.5	1.60	3.21	7.26	2.58	9.22	1.64	0.09	0.02	0.14	0.27	1.23	0.32
15-139	116	122	E	10.8	3.0	4.0	7.7	8.4	4.7	6.2	1.6	1.6	1.60	3.81	4.72	3.63	8.76	0.23	0.07	0.02	0.43	0.38	1.58	0.64
16-140	25	135	E	3.1	2.7	3.5	4.0	2.5	4.7	1.1	1.6	1.6	1.60	3.55	2.30	1.30	1.07	1.55	0.14	0	0.19	0.21	1.12	0.81
17-141	12	125	B	5.1	4.3	4.0	2.5	2.5	2.0	2.5	2.5	1.2	1.60	1.07	3.75	1.15	4.99	2.96	0.09	0.02	0.14	0.35	1.48	0.37
18-142	25	135	F	2.1	2.4	3.0	2.3	2.1	1.7	2.5	2.5	2.5	1.60	1.07	2.25	0.12	0.52	1.41	0.12	0	0.17	0.27	1.00	0.30
19-143	12	122	E	6.0	2.4	3.0	4.6	4.2	2.0	2.8	1.9	0.6	1.60	3.33	3.87	2.59	5.80	0.23	0.02	0.21	0.37	1.30	0.51	

STRUCTURAL RESPONSE PROGRAM

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BY

DATE 15-15-124-68
HOUSE W-6

Phase & R		Pressure (p.s.f.)								Displacement (in.)						Acceleration (g)					
1-19-65		1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6
RUN	2-5	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6
20-144	25	1.35	F	3.5	2.7	3.0	3.3	2.5	1.7	2.5	2.8	2.3	1.6	1.6	1.6	0.12	0.01	0.19	0.21	1.10	0.30
21-145	30	1.40	F	2.0	0.6	4.0	1.5	0.8	4.7	0.9	0.1	0.3	0.02	0.22	0.73	0.10	3.07	0.04	0.04	0.10	0.38
22-146	30	1.18	F	1.4	0.9	4.0	1.2	0.8	0.3	0.6	0.6	0.3	0.02	0.22	0.20	0.10	0.92	0.07	0.01	0.04	0.11
23-147	30	1.10	F	2.2	0.9	1.5	1.8	0.8	1.7	1.2	0.6	0.3	1.20	0.16	1.07	0.27	3.07	0.07	0.01	0.12	0.14
24-148	12	1.28	A	5.6	4.6	6.5	2.5	2.9	2.7	3.8	1.9	1.6	1.6	1.6	1.6	0.16	0.01	0.10	0.13	1.48	0.48
25-149	119	1.21	G	5.1	2.4	5.0	4.3	2.5	2.3	3.1	1.1	1.5	1.6	1.6	1.6	0.14	0.04	0.38	0.21	1.52	0.67
26-150	121	1.21	C	5.9	6.2	3.5	3.3	5.5	2.7	3.8	2.7	1.6	1.6	1.6	1.6	0.25	0.02	0.24	0.44	1.48	0.59
27-151	122	1.22	G	6.7	3.0	7.0	5.6	3.8	2.7	4.4	3.1	1.3	1.6	1.6	1.6	0.23	0.04	0.34	0.58	2.49	0.81
28-152	12	1.25	H	4.4	4.3	6.0	3.7	3.8	2.7	4.4	1.4	1.6	1.6	1.6	1.6	0.19	0.02	0.22	0.59	0.87	0.21
29-153	12	1.15	D	6.4	2.0	2.5	3.3	6.3	2.0	3.1	1.6	1.6	1.6	1.6	1.6	0.23	0.02	0.24	0.63	0.89	0.59
30-154	12	1.25	H	5.4	4.0	6.5	3.3	3.4	2.3	3.4	1.6	1.6	1.6	1.6	1.6	0.16	0.04	0.22	0.59	0.87	0.59
31-155	12	1.20	A	5.1	4.0	3.5	2.5	2.9	1.7	2.2	2.5	1.6	1.6	1.6	1.6	0.14	0.01	0.14	0.23	1.66	0.32
32-156	12	1.23	F	2.4	2.7	4.0	5.9	3.8	3.0	3.5	2.5	1.6	1.6	1.6	1.6	0.19	0.04	0.22	0.27	2.08	0.57
33-157	12	1.25	A	6.4	6.1	3.5	3.1	4.2	4.4	4.1	1.1	1.5	1.6	1.6	1.6	0.19	0.04	0.22	0.19	1.53	0.62
End																					

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BY J.C.C.

STRUCTURAL RESPONSE PROGRAM

DATE 15-12-62
HOUSE W-6

PHASE 2-R				PRESSURE (PSF)								DISPLACEMENT (IN)						ACCELERATION (G)						
1-20-65				1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6	
RUN	ALT	AREA	PER	WALL N	WALL E	WALL S	WALL W	FLOOR W	FLOOR E	ROOM W	ROOM E	WALL E CO- N	WALL S CO- N	WALL W CO- N	INTER- FLOOR W	INTER- FLOOR E	WALL W CO- N	WALL E CO- N	WALL S CO- N	WALL W CO- N	INTER- FLOOR W	INTER- FLOOR E	ROOM W	
1-158	118	126	R	57	60	56	28	18	32	31	31	976	150	531	117	1208	308	0.11	0.12	0.14	0.12	0.13	0.16	
2-159	12	128	C	100	66	31	55	58	55	66	14	15	775	136	609	122	845	602	0.19	0	0.19	0.15	0.17	0.15
3-160	12	13	G	74	41	30	95	29	80	70	1	1	960	408	826	278	1179	560	0.25	0.04	0.21	0.23	0.17	0.15
4-161	12	13	C	53	47	26	25	36	26	28	1	1	610	150	430	146	935	420	0.19	0	0.22	0.16	0.17	0.15
5-162	30	14	F	30	29	15	16	21	26	11	0.8	0.6	122	168	118	132	876	019	0.04	0	0.07	0.12	0.14	0.19
6-163	30	13	F	16	26	21	09	24	62	26	0.6	0.9	147	027	826	015	418	010	0.07	0	0.05	0.16	0.14	0.14
7-164	46	14	F	29	26	21	09	27	06	06	0.9	0.2	147	027	903	141	287	010	0.08	0	0.07	0.10	0.12	0.19
8-165	119	121	D	45	32	10	28	18	29	25	1.9	1.5	578	136	508	117	570	370	0.16	0	0.14	0.28	0.15	0.15
9-166	121	126	H	78	32	61	28	18	42	34	2.8	1.8	850	272	826	230	1540	588	0.16	0.02	0.24	0.18	0.16	0.18
10-167	12	120	D	47	32	30	15	36	29	20	1.6	1.5	832	245	708	146	493	602	0.19	0	0.20	0.16	0.18	0.18
11-168	119	139	E	33	32	31	58	50	58	50	2.8	2.5	1075	408	708	488	1209	588	0.27	0	0.36	0.14	0.13	0.14
12-169	12	130	A	81	55	61	32	25	42	39	3.1	3.1	443	231	136	175	208	392	0.13	0	0.15	0.10	0.11	0.11
13-170	115	130	E	41	19	19	25	29	29	25	1.6	1.2	610	258	460	214	740	420	0.19	0	0.19	0.18	0.15	0.15
14-171	12	128	F	47	25	41	41	25	29	22	2.2	2.5	700	258	726	146	1223	140	0.13	0	0.19	0.22	0.13	0.15
15-172	12	128	A	55	10	41	22	16	42	29	1.5	1.9	766	150	736	230	1510	252	0.23	0	0.14	0.18	0.15	0.13
16-173	117	130	F	41	11	0	0	0	0	0	1.5	1.2	708	408	736	292	1460	156	0.18	0.02	0.29	0.20	0.12	0.19
17-174	12	125	G	55	25	56	41	29	32	28	2.5	1.2	647	391	590	248	1660	420	0.18	0.02	0.19	0.12	0.12	0.15
18-175	12	130	C	56	62	30	32	14	45	45	2.2	1.5	903	250	826	292	876	420	0.27	0	0.13	0.18	0.17	0.17
19-176	12	146	G	78	38	104	58	36	55	66	2.5	1.2	1000	408	826	292	1209	602	0.23	0.04	0.29	0.15	0.13	0.16

STRUCTURAL RESPONSE PROGRAM

COMPILED
BY J.C.C.

DATE 15-12-62
HOUSE W-6

PHASE 2-R				PRESSURE (PSF)								DISPLACEMENT (X 10 ⁻² IN)								ACCELERATION (G)							
1-21-65				FREE FALL	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6			
RUN	ALT	HEAV	LOC	IN	1 IN H	2 IN E	3 IN S	4 IN W	5 IN FL	6 IN R	7 IN FL	8 IN R	1 IN H	2 IN E	3 IN S	4 IN W	5 IN FL	6 IN R	1 IN H	2 IN E	3 IN S	4 IN W	5 IN FL	6 IN R	V		
1-177	12	130	H	52	52	49	50	30	49	49	1.5	1.6	833	534	817	302	1072	598	0.21	0	0.22	0	0.19	0			
2-178	12	128	D	41	25	25	60	41	35	24	1.5	1.2	843	397	467	453	969	706	0.19	0	0.22	0.12	0.27	0			
3-179	12	130	H	68	74	110	40	37	59	67	1.8	1.9	952	394	898	317	1232	735	0.23	0	0.05	0.02	0.13	0			
4-180	12	130	A	67	65	46	40	41	56	46	1.5	1.6	957	151	708	151	1910	279	0.19	0	0	0.12	0.17	0.12			
5-181	12	131	F	46	34	43	67	45	27	55	1.5	1.3	119	288	208	187	1847	147	0.16	0	0	0.02	0.10	0.12			
6-182	12	130	A	49	77	43	37	37	56	61	1.5	1.6	957	137	222	151	1790	294	0.19	0	0.14	0.02	0.17	0.10			
7-183	121	130	A	53	55	57	50	26	38	37	1.5	1.6	583	151	417	151	1408	294	0.19	0	0.07	0	0.12	0.15			
8-184	121	130	E	48	25	29	64	32	53	43	1.2	1.6	464	397	354	157	1132	426	0.21	0	0.05	0.02	0.14	0.14			
9-185	121	131	A	43	46	57	30	19	38	33	1.2	1.6	476	137	347	151	1000	294	0.14	0	0.07	0	0.17	0.14			
10-186	120	130	C	56	49	32	34	34	31	30	1.2	1.6	833	302	611	226	1056	607	0.23	0	0.16	0.15	0.10	0.14			
11-187	12	130	G	42	25	71	71	41	45	46	1.5	1.2	595	345	500	151	1235	382	0.16	0	0.04	0.02	0.14	0.14			
12-188	12	130	E	115	24	32	50	52	63	52	1.5	1.6	700	111	506	487	1446	135	0.23	0	0.16	0.15	0.11	0.17			
13-189	12	136	F	25	18	36	37	89	24	24	1.2	0.9	143	115	131	460	528	118	0.09	0	0.14	0.16	0.12	0.15			
14-190	12	129	D	53	30	25	34	16	38	30	1.5	1.2	918	397	351	187	563	750	0.23	0	0.19	0.14	0.15	0.17			
15-191	12	130	A	29	40	28	27	30	28	27	1.5	1.6	135	123	200	121	1000	146	0.11	0	0.16	0.11	0.15	0.17			
16-192	12	131	H	35	34	68	40	32	49	46	1.2	1.2	714	135	212	131	307	527	0.16	0	0.14	0.19	0.13	0.15			
17-193	12	130	F	111	28	53	50	60	42	37	1.5	1.2	116	137	608	64	836	101	0.09	0	0.14	0.11	0.15	0.15			
18-194	12	130	D	49	43	22	44	56	52	46	1.5	1.5	1025	411	715	122	551	836	0.23	0	0.17	0.16	0.10	0.11			
19-195	12	136	A	28	28	21	24	22	28	24	1.2	1.6	202	137	115	676	510	146	0.11	0	0.12	0.15	0.15	0.15			

Dr-35

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STRUCTURAL RESPONSE PROGRAM

DATE: 15-12-65
HOUSE W-6

PHASE 2-B				PRESSURE PSF								DISPLACEMENT (X 10 ⁻² IN)						ACCELERATION "g"										
1-21-65				FREE FIELD	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6				
RUN	ALT	WIND	DIR	W	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	
20-196	75	131	F	26	25	22	40	19	25	23	12	12	093	151	139	076	525	088	007	0	010	012	060	063				
21-197	25	135	A	25	43	29	24	24	28	24	12	16	143	137	139	151	810	122	014	0	014	016	092	062				
22-198	25	136	F	32	25	29	50	22	31	27	12	09	119	137	139	091	709	132	007	0	012	014	072	051				
23-199	121	121	E	48	25	26	21	52	56	49	15	16	107	524	278	302	1584	375	027	0	044	027	142	076				
24-200	12	130	A	49	46	53	20	37	25	33	15	19	476	754	542	272	380	559	025	0	026	043	120	051				
25-201	12	130	E	53	25	22	67	56	52	27	15	12	785	411	528	302	050	632	023	0	025	025	105	076				
26-202	25	135	F	46	34	46	24	22	38	40	15	16	131	206	181	151	898	132	014	0	022	023	117	087				
27-203	12	130	D	44	43	30	44	41	59	46	15	12	976	411	921	202	863	867	021	0	025	028	072	083				
28-204	25	132	A	41	120	120	120	120	120	120	120	120	120	120	120	120	120	120	021	0	024	028	085	051				
29-205	12	130	A	37	57	66	34	22	44	43	15	12	273	384	690	191	915	617	007	0	012	014	070	030				
30-206	25	1325	F	28	15	25	29	13	19	17	12	12	107	123	125	076	616	058	009	0	010	012	107	035				
31-207	125	133	A	38	40	27	32	22	32	26	15	16	279	110	139	160	880	162	014	0	029	025	138	038				
32-208	255	135	F	41	43	52	49	32	47	44	18	16	119	270	230	226	1232	132	009	0	010	016	055	030				
33-209	125	132	A	26	45	21	24	24	45	22	09	16	119	110	125	076	598	118	007	0	002	037	086	095	058			
34-210	12	123	H	85	48	66	49	35	49	46	15	19	1428	621	112	272	1021	1010	011	0	022	025	114	067				
35-211	253	136	E	31	32	37	47	20	50	37	15	16	167	176	222	091	1072	107	023	0	027	028	053	044				
36-212	12	128	D	36	31	27	24	39	32	30	12	12	252	411	720	332	704	735	011	0	012	016	065	021				
37-213	25	146	A	29	32	20	18	11	26	23	09	13	155	110	139	005	616	122	007	0	016	025	090	041				
38-215	25	142	E	41	32	46	29	23	42	32	15	28	191	123	181	005	880	147	016	0	026	026	102	087				

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STRUCTURAL RESPONSE PROGRAM

DATE: 15-12-65
HOUSE W-6

PHASE 2-B				PRESSURE PSF								DISPLACEMENT (10 ⁻² in)						ACCELERATION "g"						
1-21-65				FREE FIELD	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6
RUN	ALT	WIND	DIR	W	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W	N	E	S	W
40-216	12	115	G	60	28	64	64	32	56	43	15	09	714	411	556	131	1024	559	021	0	026	043	132	037
41-217	119	129	C	57	46	30	32	32	40	33	15	16	714	274	240	166	1408	573	019	0	022	029	083	063
42-218	12	121	G	52	25	42	37	30	30	26	12	06	821	302	54	151	330	573	027	0	025	028	085	082
43-219	12	131	H	79	49	91	49	35	54	55	15	16	1072	439	230	187	1232	735	021	0	025	066	080	044
44-220	119	130	D	48	28	27	39	32	50	38	12	12	845	397	695	302	704	735	025	0	044	065	080	062
45-221	117	131	H	88	45	75	39	22	52	49	15	16	834	411	806	287	1021	607	(No Record)					
End																								

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STRUCTURAL RESPONSE PROGRAM

DATE: 15:12:45
HOUSE W-6

PHASE 2-R				PRESSURE PSF								DISPLACEMENT (X10 ⁻² IN)						ACCELERATION "G"										
1-23-65				FREE FIELD	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6				
RUN	ALF	NEW	LOC	JK	1 WALL IN	2 WALL IN	3 WALL IN	4 WALL IN	5 FLOOR	6 FLOOR	7 FLOOR	8 WALL	1 WALL IN	2 WALL IN	3 WALL IN	4 WALL IN	5 FLOOR	6 FLOOR	1 WALL IN	2 WALL IN	3 WALL IN	4 WALL IN	5 FLOOR	6 FLOOR	7 WALL	8 WALL	9 WALL	10 WALL
1-255	119	125	C	115	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
2-256	119	125	G	0.9	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	
3-257	1193	129	C	4.6	2.9	2.0	2.0	2.9	2.8	2.7	1.6	1.6	2.6	2.2	5.71	2.00	1.178	4.62	0.12	0	0.19	0.36	1.27	0.20				
4-258	113	130	D	4.1	3.0	2.6	3.8	3.3	3.3	3.1	2.6	1.8	7.0	3.59	6.72	2.93	9.10	5.66	0.16	0	0.24	0.42	1.20	0.74				
5-259	12	129	H	6.0	3.2	6.1	3.3	3.5	3.6	4.1	1.5	1.6	7.2	3.36	7.84	2.77	7.75	5.96	0.13	0	0.24	0.50	1.01	0.58				
6-260	12	130	D	3.1	2.9	3.9	3.0	3.9	4.1	3.9	2.7	2.0	8.26	3.36	5.94	3.08	7.75	5.82	0.19	0	0.29	0.42	0.73	0.62				
7-261	12	128	E	6.7	3.0	3.4	2.6	6.2	4.9	4.7	1.5	1.2	7.18	3.25	4.48	3.08	4.85	4.02	0.23	0	0.36	0.29	1.37	0.61				
8-262	12	127	B	4.3	3.8	5.1	2.9	1.9	3.2	3.0	0.9	1.2	5.90	2.35	4.37	2.77	4.71	3.43	0.21	0	0.25	0.36	1.50	0.45				
9-263	12	128	E	2.8	2.1	2.6	4.6	3.7	2.4	2.3	1.1	0.9	4.72	2.35	3.10	1.69	1.75	2.98	0.12	0	0.24	0.19	0.55	0.48				
10-264	12	130	R	3.7	4.7	4.6	2.4	1.9	2.8	3.2	0.9	1.4	4.72	1.42	4.48	1.54	2.24	2.98	0.19	0	0.17	0.31	0.25	0.23				
11-265	119	130	F	4.9	2.6	4.3	6.4	2.3	2.8	3.3	1.5	0.9	1.18	2.46	2.13	2.93	1.085	1.49	0.16	0	0.24	0.15	1.15	0.65				
12-266	119	131	A	4.0	5.3	3.7	2.6	3.1	3.2	2.1	1.4	1.5	3.54	3.10	2.20	2.62	1.708	1.60	0.17	0	0.23	0.18	1.52	0.61				
13-267	119	130	F	3.1	1.8	3.1	4.3	2.7	3.2	2.1	0.6	0.6	2.36	2.70	1.91	1.50	9.56	1	0.12	0	0.24	0.17	1.03	0.45				
14-268	75	136	A	2.8	6.2	2.2	2.0	1.4	1.7	1.1	1.2	1.2	2.36	1.12	2.20	0.92	6.2	4	0.10	0	0.14	0.19	0.68	0.16				
15-269	12	128	G	5.1	2.3	4.6	3.2	2.5	2.4	2.7	1.2	1.1	5.31	2.13	4.59	1.54	7.75	3.58	0.13	0	0.22	0.36	0.82	0.33				
16-270	25	135	R	115	110	110	110	110	110	110	110	110	2.36	2.37	1.12	2.31	1.088	1.30	0.19	0	0.26	0.11	1.52	0.58				
17-271	12	129	C	3.0	5.6	3.4	3.0	3.9	2.8	3.0	1.6	1.6	1.180	4.48	8.2	3.75	1.805	3.81	0.29	0	0.30	0.71	1.52	0.77				
18-272	25	136	F	4.1	3.7	4.3	4.7	2.9	4.0	3.9	1.5	1.3	1.65	1.68	2.20	1.23	7.91	1.00	0.13	0	0.19	0.23	0.97	0.41				
19-273	12	126	G	5.1	2.4	5.4	4.7	3.9	4.4	5.1	1.6	1.4	6.99	2.69	5.60	1.50	8.06	4.47	0.12	0	0.24	0.18	1.03	0.61				

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STRUCTURAL RESPONSE PROGRAM

DATE: 15:12:45
HOUSE W-6

PHASE 2-R				PRESSURE PSF								DISPLACEMENT (X10 ⁻² IN)						ACCELERATION "G"						
1-23-65				1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6	
RUN	ALF	NEW	LOC	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6	
20-274	75	130	A	2.1	3.0	2.6	2.1	2.1	2.1	2.5	1.4	1.5	106	112	112	129	109	115	0.10	0	0.17	0.10	0.61	0.19
21-275	25	135	F	2.8	2.6	2.6	2.7	1.9	1.2	2.3	1.1	0.8	118	229	078	462	140	083	0.10	0	0.12	0.17	0.61	0.25
22-276	75	136	A	1.1	3.0	2.0	1.8	2.1	1.9	1.7	0.8	1.2	212	123	112	150	1085	087	0.10	0	0.10	0.11	0.99	0.27
23-277	75	136	F	1.3	1.7	1.9	1.7	1.6	1.7	NR	0.8	0.6	189	112	229	077	372	140	0.10	0	0.12	0.17	0.61	0.16
24-278	12	134	A	2.1	2.7	2.0	1.8	1.9	1.6	1.9	0.8	1.2	142	134	112	150	1055	130	0.12	0	0.14	0.10	0.81	0.19
25-279	12	126	H	1.2	4.9	0.5	5.3	6.0	6.6	6.6	1.5	1.5	1325	048	952	308	1030	779	0.23	0.02	0.31	0.64	0.93	0.80
26-280	12	131	D	3.2	0.2	1.9	2.7	3.9	7.5	2.5	1.2	0.9	1008	316	571	277	760	596	0.21	0	0.29	0.00	0.69	0.54
27-281	12	128	H	1.1	4.6	6.8	4.4	4.1	3.8	3.9	1.5	0.9	1997	057	1008	308	1085	779	0.26	0.02	0.36	0.76	1.01	0.72
28-282	12	128	D	1.2	3.7	3.2	6.4	6.6	4.3	4.4	1.8	1.5	1201	560	896	112	1785	1033	0.23	0	0.55	0.73	1.40	1.20
29-283	75	136	F	2.9	3.8	3.6	4.1	3.5	3.2	3.1	1.5	1.2	236	112	220	177	670	140	0.10	0	0.14	0.19	0.66	0.15
30-284	75	136	A	2.1	2.3	1.7	1.7	1.9	1.6	1.9	0.9	1.2	118	112	056	092	791	629	0.16	0	0.12	0.08	0.66	0.13
31-285	12	129	A	2.2	3.2	5.1	2.3	3.1	2.6	3.9	1.5	1.5	826	220	675	185	1015	162	0.14	0	0.24	0.46	1.08	0.63
32-286	25	136	F	2.6	2.4	2.6	2.1	2.2	2.4	1.9	1.2	1.2	118	101	146	151	513	657	0.10	0	0.24	0.18	0.69	0.16
33-287	12	129	E	1.6	3.3	4.3	8.7	8.0	6.5	7.5	1.8	1.5	768	445	445	505	1795	947	0.28	0	0.21	0.34	0.71	0.58
34-288	25	137	A	2.1	2.3	1.9	1.7	1.9	1.6	1.7	1.2	1.5	115	176	112	077	527	029	0.07	0	0.07	0.08	0.49	0.19
35-289	12	129	B	4.2	4.6	5.4	2.6	3.9	3.3	3.0	1.5	1.5	142	135	175	146	117	511	0.23	0	0.27	0.59	1.12	0.85
36-290	25	137	F	0.9	0.9	1.2	1.1	1.2	1.4	1.3	0.6	1.2	115	126	112	171	516	012	0.07	0	0.00	0.11	1.30	0.11
37-291	25	137	A	4.0	7.5	3.6	2.6	3.7	5.7	5.0	1.5	1.5	136	220	112	104	1000	160	0.19	0	0.19	0.23	1.57	0.58
38-292	25	136	F	3.1	3.2	3.9	4.3	3.5	3.2	3.0	1.5	1.2	501	124	146	105	115	151	0.12	0	0.24	0.29	0.95	0.30
D-38																								

D-38

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STRUCTURAL RESPONSE PROGRAM

DATE 11-13-12-65
HOUSE W-6

Phase 2-R				PRESSURE								DISPLACEMENT (X10 ⁻² in)								ACCELERATION "g"																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1-23-65				FLOOR FIELD		1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

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STRUCTURAL RESPONSE PROGRAM

DATE 11-13-12-65
HOUSE W-6

Phase 2-R		PRESSURE (psf)								DISPLACEMENT (x 10 ⁻² in)						ACCELERATION (g)					
1-1-65		1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6
RUN	AL	WALL	WALL	WALL	WALL	WALL	WALL	WALL	WALL	WALL	WALL	WALL	WALL	WALL	WALL	WALL	WALL	WALL	WALL	WALL	WALL
1-30512	122	F	4.4													0.12	0	0.17	0.19	0.51	0.52
2-30612	123	A	4.6													0.12	0	0.17	0.11	0.92	0.32
3-30712	120	F	4.2													0.12	0	0.19	0.17	1.15	0.86
4-3081195	125	A	2.8													0.15	0	0.17	0.13	1.02	0.32
5-309122	122	G	4.9													0.12	0	0.19	0.40	0.68	0.41
6-31012	122	C	4.4													0.19	0	0.24	0.52	1.13	0.50
7-31112	120	G	4.5													0.14	0	0.19	0.46	0.52	0.50
8-31212	120	C	4.4													0.21	0	0.22	0.43	1.26	0.83
9-31312	125	H	4.8													0.19	0	0.24	0.58	1.08	0.55
10-31412	125	D	5.0													0.23	0	0.21	0.61	0.62	0.76
11-31512	125	H	4.2													0.14	0	0.24	0.59	0.65	0.50
12-31612	125	D	4.5													0.23	0	0.21	0.67	1.52	0.89
13-31712	120	A	4.4													(X)					
14-31812	120	F	4.2													0.17	0	0.24	0.25	1.35	0.82
15-31912	124	A	2.6													0.17	0	0.19	0.15	1.02	0.43
16-32012	121	B	6.1													0.17	0	0.19	0.46	2.10	0.57
17-321121	120	E	5.1													0.12	0	0.29	0.93	1.06	0.55
18-3221195	120	B	4.1													0.14	0	0.14	0.28	1.57	0.43
19-32312	122	E	2.4													0.23	0	0.21	0.51	1.38	0.63

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STRUCTURAL RESPONSE RECORD

DATE: 12-12-65
HOUSE W-6

PHASE 2-B				PRESSURE (psi)								DISPLACEMENT (in.)						ACCELERATION (g)					
1-24-65				1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6
RUN	AL	NEW	LOC	1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6
20-326	12	123	C	6.1														0.17	0.02	0.06	0.52	0.11	0.63
21-325	12	123	G	4.0														0.21	0	0.29	0.25	0.15	0.83
22-326	12	120	C	NK														0.16	0	0.19	0.38	0.55	0.83
23-327	12	120	G	4.2														0.23	0	0.28	0.25	0.21	0.63
24-328	12	101	H	2.4														0.19	0.04	0.26	0.77	0.33	0.50
25-329	12	121	D	4.6														0.21	0	0.29	0.50	0.77	0.76
26-330	12	121	H	NK														0.16	0	0.22	0.65	0.82	0.91
27-331	12	120	D	6.5														0.21	0	0.29	0.42	0.11	0.59
28-332	12	121	E	4.6														0.25	0	0.31	0.81	0.23	0.59
29-333	12	120	B	0														0.06	0	0.17	0.38	0.55	0.63
30-334	12	123	E	3.1														0.23	0	0.28	0.55	0.12	0.66
31-335	12	125	B	4.1														0.12	0	0.14	0.36	0.28	0.76
32-336	12	12	F	4.2														0.16	0	0.17	0.29	0.23	0.43
33-337	12	12	A	NK														0.16	0	0.2	0.36	0.85	0.85
34-338	12	121	F	NK														0.14	0	0.19	0.21	0.15	0.50
35-339	12	121	A	0.9														0.21	0	0.17	0.36	0.98	0.83
36-340	12	121	G	3.0														0.18	0	0.24	0.48	0.59	0.43
37-341	12	120	C	4.9														0.19	0	0.28	0.48	0.57	0.41
38-342	12	122	G	4.4														0.16	0.02	0.22	0.52	0.44	0.52
39-343	12	122	C	3.9														0.19	0	0.11	0.21	0.13	0.43

D-40

DRIFT-2-4 12-10-64
HOUSE 2-5-5

DATE 11-20-64
HOUSE 2-5-5

Phase 2-A				DISPLACEMENT (10 ⁻³ , 11)						
12-5-64				Free	1	2	3	1	2	3
Run	Time	Temp	Pressure	Flow	1	2	3	1	2	3
1-305	12.0	1.2	F	NK	(NR)			(NR)		
2-306	11.75	1.2	A	NK						
3-307	12.0	1.2	F	4.2						
4-308	12.0	1.25	G	4.8	26	4.25	6.05	10	31	4.5
5-309	12.0	1.25	C	NK	2.1	1.1	7.2	10	23	29
6-310	12.2	1.21	G	5.6	(NR)			(NR)		
7-311	12.0	1.2	1	5.3	22	1.40	1.01	08	42	25
8-312	12.0	1.2	V	5.3	13	1.45	1.60	14	28	39
9-313	12.0	1.2	A	2.0	(NR)			(NR)		
10-314	12.0	1.21	1	NK	4.0	1.2	8.3	10	31	23
11-315	12.2	1.2	F	5.9	10	6.5	8.6	(NR)		
12-316	12.0	1.2	A	4.8	(NR)					
13-317	12.0	1.20	1	7.6	24	8.9	7.9			
14-318	12.2	1.26	F	5.5	(NR)					
15-319	12.0	1.2	1	7.0	(NR)					
16-320	12.0	1.21	C	7.3	6.9	6.4	6.4	14	15	35
17-321	12.0	1.2	G	4.2	2.4	1.02	1.81	14	24	29
18-322	12.2	1.2	C	6.5	(NR)			(NR)		
19-323	12.0	1.2	V	7.0	13	1.45	1.41	13	14	1

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STRUCTURAL RESPONSE PROGRAM

DATE 11-26-64
HOUSE 2-S-5

PHASE 2-A				DISPLACEMENT (10 ⁻² in)															
12-5-64				FILE	1	2	3	1	2	3									
RUN	TIME	LOC	LOC	FILE	1	2	3	1	2	3									
20-324	12.0	12	H	5.6	24	140	81	12	41	27									
21-325	12.0	12	S	6.2	(NR)			(NR)											
22-326	12.2	12	E	5.9	24	84	70	10	21	31									
23-327	12.0	12	B	5.3	18	80	86	19	27	41									
24-328	12.0	12	E	5.9	(NR)			(NR)											
25-329	12.0	12	F	5.6															
26-330	11.9	12	A	5.3															
27-331	11.9	12	F	6.2															
28-332	12.0	11.8	G	5.1	40	132	96	17	31	39									
29-333	12.0	12	C	5.9	11	84	62	19	26	41									
30-334	12.0	12	G	5.6	(NR)			(NR)											
End																			

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STRUCTURAL RESPONSE PROGRAM

DATE 11-26-64
HOUSE 2-S-5

PHASE 2-A				DISPLACEMENT (10 ⁻² in)															
12-6-64				FILE	1	2	3	1	2	3									
RUN	TIME	LOC	LOC	FILE	1	2	3	1	2	3									
1-325	12.3	12	H	NR	20	159	52	06	34	39									
2-326	12.0	12	P	NR	(NR)			17	13	41									
3-327	12.0	12	H	4.9	(NR)			(NR)											
4-338	12.0	12	A	5.2	23	27	93	06	08	33									
5-339	12.0	12	F	4.9	(NR)			(NR)											
6-340	11.7	12	A	6.0	(NR)			(NR)											
7-341	12.1	12	B	NR	13	82	67	06	20	27									
8-342	11.9	12	C	6.3	22	92	66	11	21	31									
9-343	12.0	12	B	4.4	(NR)			(NR)											
10-344	12.0	12	C	6.0	11	27	77	06	17	33									
11-345	12.0	12	G	4.4	25	99	77	08	21	21									
12-346	12.2	12	C	4.4	(NR)			(NR)											
13-347	11.8	12	P	3.5	09	130	67	12	27	31									
14-348	12.0	12	H	4.0	22	145	64	12	43	23									
15-349	12.0	12	S	4.4	(NR)			(NR)											
16-350	12.0	12	E	6.0	29	76	79	13	11	33									
17-351	12.0	12	B	6.3	13	65	86	11	17	33									
18-352	12.0	12	E	5.7	(NR)			(NR)											
19-353	12.0	12	F	5.2	36	120	100	08	27	31									

D-42

STRUCTURAL RESPONSE PROGRAM

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By _____

DATE: 12-24-12-64
HOUSE: 2-S-5

PHASE 2-A				DISPLACEMENT (10 ⁻³ in)								
				Field	1	2	3		1	2	3	
Run	Time	Loc	Dir		10 ⁻³ in	10 ⁻³ in	10 ⁻³ in		10 ⁻³ in	10 ⁻³ in	10 ⁻³ in	
12-6-64												
20-354	11.0	12	A	49	16	25	86		21	25	45	
21-355	12.0	12	E	57	(NR)				(NR)			
22-356	12.0	12	E	49								
23-357	11.9	12	C	82								
24-358	11.8	12	G	NR								
25-359	12.0	12	H	57	22	145	82		11	40	29	
26-360	11.8	12	E	65	13	157	85		13	38	31	
27-361	11.8	12	H	44	(NR)				(NR)			
28-362	11.1	12	A	NR	22	24	85		12	11	28	
29-363	12.0	12	E	46	11	46	21		25	17	46	
30-364	12.0	12	A	87	(NR)				(NR)			
End												

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE: 12-24-12-64
HOUSE: 2-S-5

PHASE 2-A				DISPLACEMENT (10 ⁻³ in)															
12-7-64				1	2	3	1	2	3										
Run	Time	Loc	Dir	1	2	3	1	2	3										
1-365	9.0	12	A	NR	20	38	110	19	18	69									
2-366	9.0	12	E	28	29	145	23	12	52	62									
3-367	8.0	12	A	8.1	(NR)			(NR)											
4-368	9.0	12	C	NR	39	145	64	12	43	64									
5-369	9.0	12	E	NR	(NR)			(NR)											
6-370	9.0	12	C	28															
7-371	9.0	11.5	E	46				14	26	41									
8-372	9.2	12.0	A	8.1				12	23	62									
9-373	9.3	12	C	42				(NR)											
10-374	9.0	12.0	E	62				12	14	50									
11-375	8.0	12.0	A	49				3	14	48									
12-376	9.0	12	E	7.1				(NR)											
13-377	9.0	12.0	E	18.6	63	43	156												
14-378	9.0	12.0	A	57	20	43	105												
15-379	9.1	12	E	125	(NR)														
16-380	9.6	12.3	A	54	20	40	98												
17-381	9.0	12	E	8.9	67	44	143												
18-382	9.0	12.0	A	10.0	(NR)														
19-383	9.0	12	E	159	36	145	65	10	24	25									

D-43

STRUCTURAL PERSONAL PROGRAM

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By _____

DIRECTOR: 44-112-64

House 2-55

[illegible]

STRUCTURAL RESPONSE PATTERN

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By _____

1771E 11-2a = 4141064

HOUSE 2-5-5

217502-A				DISPLACEMENT (10 ⁻² in.)										
				Find	1	2	3							
				Value	1	2	3	1	2	3				
12-8-64				27	05	05	05	10	19	55				
Run				1	2	3	4	5	6	7	8	9	10	
1-390	75	123	D	11.2	36	32	151	15	66	171				
2-391	75	117	F	11.2	81	60	163	24	15	38				
3-392	73	(21)	A	9.1	(NR)			(NR)						
4-393	75	121	C	9.1	25	152	129	16	40	75				
5-394	76	124	E	9.1	81	43	168	24	15	36				
6-395	70	12	C	102	(NR)			(NR)						
7-396	75	12	D	47	22	NR	85	18	66	56				
8-397	75	12	A	147	45	45	120	31	36	123				
9-398	75	12	D	113	(NR)			(NR)						
10-399	75	12	C	102	54	193	117	19	45	32				
11-400	75	12	A	121	46	34	219	31	31	87				
12-401	75	12	E	9.9	(NR)			(NR)						
13-402	75	121	F	11.8	76	45	186	19	13	29				
14-403	75	12	A	116	39	32	216	21	30	91				
15-404	75	122	F	11.2	(NR)			(NR)						
16-405	75	12	C	58	27	192	130	08	31	59				
17-406	75	12	A	145	45	47	219	21	29	117				
18-407	75	12	F	107	74	43	171	23	18	41				
19-408	75	12	A	131	(NR)			(NR)						

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STRUCTURAL RESPONSE PROFILE

COMPILED
By _____

DATE 11-2-64 12:16-64
HOUSE 2-S-5

PHASE 2-A				DISPLACEMENT (10 ⁻³ in)								
12-8-64	FILE	1	2	3	1	2	3					
TIME	IN	IN	IN	IN	IN	IN	IN					
2-409	75	121	E	131	61	NR	138	20	47	60		
21-410	75	12	9	118	39	NR	96	21	68	64		
22-411	75	121	E	26	(NR)		(NR)					
End												

STRUCTURAL RESPONSE PROFILE

COMPILED
By _____

DATE 11-2-64 12:16-64
HOUSE 2-S-5

PHASE 2-A				DISPLACEMENT (10 ⁻³ in)								
12-9-64	FILE	1	2	3	1	2	3					
TIME	IN	IN	IN	IN	IN	IN	IN					
1-416	70	12	A	140	47	46	2.63	27	95	166		
2-417	70	12	F	103	77	35	3.44	23	13	58		
3-418	70	12	A	117	(NR)		(NR)					
4-419	69	12	C	162	49	188	1.97	42	76	145		
5-420	70	12	F	103	26	29	2.39	21	13	48		
6-421	70	12	D	137	27	26	2.97	20	81	97		
7-422	70	12	D	120	63	59	2.68	23	30	131		
8-423	70	12	D	112	(NR)		(NR)					
9-424	70	125	E	140	41	180	1.60	21	38	76		
10-425	69	122	D	167	34	42	2.44	51	53	150		
11-426	70	12	E	95	(NR)		(NR)					
12-427	70	115	F	156	77	39	1.82	21	12	63		
13-428	71	12	D	181	57	49	2.66	28	93	185		
14-429	72	12	F	106	(NR)		(NR)					
15-430	70	12	C	156	50	149	2.51	87	61	165		
16-431	70	12	D	119	34	NR	1.80	19	85	98		
17-432	70	119	C	165	(NR)		(NR)					
18-433	70	12	A	123	53	58	2.98	57	55	135		
19-434	70	121	F	112	86	NR	1.97	23	60	73		

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COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE: 12-16-64
HOUSE 2-5-5

HOUSE 2-R				DISPLACEMENT (10 ⁻² in)									
TIME	SEC	IN	LR	1	2	3	4	5	6	7	8	9	10
20-429	70	12	A	11.2	(NR)								
21-434	70	12	E	15.3	34	NR	147			17	96	97	
22-437	70	117	S	17	(NR)								
23-438	70	119	E	167	(NR)								
Ld													

COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE: 12-15-64
HOUSE 2-5-5

HOUSE 2-A				DISPLACEMENT (10 ⁻² in)									
TIME	SEC	IN	LR	1	2	3	4	5	6	7	8	9	10
1-496	120	13	E	3.5	11	46	51						
2-497		13	C	3.1	21	43	49						
3-498		138	E	NR	(NR)								
4-499		13	F	3.1	23	21	83						
5-500		138	A	3.3	21	30	53						
6-501		13	F	3.9	(NR)								
7-502		129	X	3.1	13	92	21						
8-503		129	O	3.9	11	118	58						
9-504	60	13	H	43	(NR)								
10-505	120	126	A	3.3	26	12	43						
11-506		126	F	3.7	16	13	55						
12-507		126	A	47	(NR)								
13-508		128	B	3.7	06	65	52						
14-509		13	E	3.1	15	48	64						
15-510		13	B	3.3	(NR)								
16-511		13	C	NR	13	06	40						
17-512		13	F	1.8	04	21	32						
18-513		13	C	1.4	(NR)								
19-514		128	O	3.9	16	97	32						

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STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE: 12-15-69
HOUSE 2-5-5

HOUSE 2-A				DISPLACEMENT															
TIME	W	U	V	W	U	V	W												
12-13-64																			
1-525	17.0	L3	2	4.7	18	108	81												
2-526																			
3-527																			
4-528																			
5-529																			
6-530																			
7-531																			
8-532																			
9-533																			
10-534																			
11-535																			
12-536																			
13-537																			
14-538																			
15-539																			
16-540																			
17-541																			
18-542																			
19-543																			
20-544																			
21-545																			
22-546																			
23-547																			
24-548																			
25-549																			
26-550																			
27-551																			
28-552																			
29-553																			
30-554																			
End																			

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE: 12-15-69
HOUSE 2-5-5

HOUSE 2-A				DISPLACEMENT															
TIME	W	U	V	W	U	V	W												
12-13-64																			
1-526	20.0	L4	2	2.9	13	43	60												
2-527																			
3-528																			
4-529																			
5-530																			
6-531																			
7-532																			
8-533																			
9-534																			
10-535																			
11-536																			
12-537																			
13-538																			
14-539																			
15-540																			
16-541																			
17-542																			
18-543																			
19-544																			

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COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE: 12-15-69
HOUSE 2-S-5

HOUSE 2-A		DISPLACEMENT												
TIME	FREQ	MODE	L/C	W	1 2 3									
					OP	OP	OP							
12-13-64	1.0	1.0	1.0	1.0	1.0	1.0	1.0							
1-558	1.4	1.1	2.9	16	82	49								
2-558	1.4	1.1	2.9	16	82	49								
22-558	1.3	1.3												
23-558	1.4	1.3												
24-558	1.4	1.3												
25-558	1.4	1.3												
26-558	1.4	1.3												
27-558	1.4	1.3												
28-558	1.4	1.3												
29-558	1.4	1.3												
30-558	1.4	1.3												
END														

COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE: 12-15-69
HOUSE 2-S-5

HOUSE 2-A		DISPLACEMENT												
TIME	FREQ	MODE	L/C	W	1 2 3									
					OP	OP	OP							
12-14-64	1.0	1.0	1.0	1.0	1.0	1.0	1.0							
1-558	1.4	1.1	2.9	16	82	49								
2-558	1.4	1.1	2.9	16	82	49								
3-558	1.4	1.1	2.9	16	82	49								
4-558	1.4	1.1	2.9	16	82	49								
5-558	1.4	1.1	2.9	16	82	49								
6-558	1.4	1.1	2.9	16	82	49								
7-558	1.4	1.1	2.9	16	82	49								
8-558	1.4	1.1	2.9	16	82	49								
9-558	1.4	1.1	2.9	16	82	49								
10-558	1.4	1.1	2.9	16	82	49								
11-558	1.4	1.1	2.9	16	82	49								
12-558	1.4	1.1	2.9	16	82	49								
13-558	1.4	1.1	2.9	16	82	49								
14-558	1.4	1.1	2.9	16	82	49								
15-558	1.4	1.1	2.9	16	82	49								
16-558	1.4	1.1	2.9	16	82	49								
17-558	1.4	1.1	2.9	16	82	49								
18-558	1.4	1.1	2.9	16	82	49								
19-558	1.4	1.1	2.9	16	82	49								
20-558	1.4	1.1	2.9	16	82	49								
21-558	1.4	1.1	2.9	16	82	49								
22-558	1.4	1.1	2.9	16	82	49								
23-558	1.4	1.1	2.9	16	82	49								
24-558	1.4	1.1	2.9	16	82	49								
25-558	1.4	1.1	2.9	16	82	49								
26-558	1.4	1.1	2.9	16	82	49								
27-558	1.4	1.1	2.9	16	82	49								
28-558	1.4	1.1	2.9	16	82	49								
29-558	1.4	1.1	2.9	16	82	49								
30-558	1.4	1.1	2.9	16	82	49								
END														

Structural Response Form

COMPILED

By

DATE 12-15-69

HOUSE 2-S-5

RANGE 1-A				DISPLACEMENT														
Run	Time	Sec	Min	Sec	1	2	3											
20-578	12	57	12	57	44	13	104	136										
21-576	13	57	13	57	48	(NR)												
22-572	13	57	13	57	46	15	22	51										
23-578	13	57	13	57	48	38	38	110										
24-579	13	57	13	57	43	(NR)												
25-581	13	57	13	57	43	14	89	112										
26-581	13	57	13	57	43	27	72	59										
27-581	13	57	13	57	52	(NR)												
28-582	13	57	13	57	39	13	87	37										
29-589	13	57	13	57	45	36	34	110										
30-585	13	57	13	57	39	(NR)												
31-586	13	57	13	57	44	18	123	38										
32-587	13	57	13	57	48	23	145	124										
33-588	13	57	13	57	47	(NR)												
34-589	13	57	13	57	43	72	80	66										
35-590	13	57	13	57	40	14	84	116										
36-591	13	57	13	57	44	(NR)												
End																		

Structural Response Form

COMPILED

By

DATE 12-15-69

HOUSE 2-S-5

RANGE 2-A				DISPLACEMENT														
Run	Time	Sec	Min	Sec	1	2	3											
1-578	12	57	12	57	32	30	84											
2-579	12	57	12	57	16	36	114											
3-579	13	57	13	57	(NR)													
4-579	13	57	13	57	24	15	175											
5-578	13	57	13	57	29	133	108											
6-577	13	57	13	57	(NR)													
7-578	13	57	13	57	11	92	118											
8-579	13	57	13	57	29	109	95											
9-600	13	57	13	57	(NR)													
10-601	13	57	13	57														
11-602	13	57	13	57														
12-605	13	57	13	57														
13-604	13	57	13	57	50	50	48	114										
14-605	13	57	13	57	47	22	121	101										
15-606	13	57	13	57	60	(NR)												
16-607	13	57	13	57	70	4	172	117										
17-607	13	57	13	57	(NR)													
18-607	13	57	13	57	22	6	114											
19-610	13	57	13	57	1	1	114											

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STRUCTURAL RESPONSE PROGRAM

COMPILED
By

DATE 12-13-69
HOUSE 2-5-5

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PHASE 2-A				DISPLACEMENT														
12-15-64				Free	1	2	3											
PIN	2.5	10.0	15.0	AV	1	2	3											
20-611	10.9	125	G	58	20	423	144											
21-612		125	E	59	CMR	2												
22-613		12	F	44	44	38	127											
23-614		12	A	70	20	40	135											
24-615		121	E	20	LMR	1												
END																		

STRUCTURAL RESPONSE PROGRAM

COMPILED
By

DATE 12-13-69
HOUSE 2-5-5

PHASE 2-B				DISPLACEMENT																	
1-15-65				FREE	1	2	3	1	2	3											
PIN	2.5	10.0	15.0	AV	1	2	3	1	2	3											
1-1	12	12	A	30	24	168	20	20	15												
2-2	12	123	F	43	20	122	14	12	39												
3-3	121	126	A	26	18	56	17	20	29												
4-4	120	125	B	26	14	70	14	23	29												
5-5	115	123	E	28	36	128	22	15	14												
6-6	12	126	B	26	20	141	15	26	26												
7-7	12	126	C	26	14	56	12	15	23												
8-8	12	127	C	(NO RECORD)			(NO RECORD)														
9-9	12	128	C	48	40	150	12	15	43												
10-10	12	111	D	(CMR 2)			(N/A)														
11-11	12	123	H	46	20	58	12	20	31												
12-12	12	120	D	38	20	44	14	20	22												
13-13	117	121	E	52	30	64	24	20	20												
14-14	114	124	B	66	18	64	50	12	17	25											
15-15	126	E	45	40	32	12	15	11	20												
16-16	126	F	41	40	36	16	12	12	27												
17-17	125	A	56	36	50	10	25	23	40												
18-18	125	F	47	20	16	50	14	12	31												
19-19	124	1	50	6	64	14	09	14	15												

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STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE: 11-17-65
HOUSE 2-S-3

PHASE 2-B				DISPLACEMENT (10 ⁻² in.)																				
1-15-65				PREL	1	2	3		1	2	3													
RUN	TIME	LOC	DIR	AVG	1	2	3		1	2	3													
20-20	13	125	C	6.3	30	54	90		12	14	32													
21-21	13	125	C	6.1	60	80	94		11	20	16													
22-22	11.00	126	H	4.3	58	114	10		11	29	17													
23-23	11.9	126	D	5.6	34	54	106		11	26	85													
24-24	12	128	H	9.3	118	184	116		22	40	62													
25-25	12	125	A	5	140	60	78		19	19	42													
26-26	12.5	125	F	5.0	50	38	96		14	12	57													
27-27	11.0	126	A	8.1	30	44	86		16	18	29													
28-28	12	123	B	5.5	24	54	34		14	15	31													
29-29	12	12	C	4.3	30	58	24		06	14	14													
30-30	12	123	B	30	60	50	20		23	23	42													
End.																								

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE: 11-17-65
HOUSE 2-S-3

PHASE 2-B				DISPLACEMENT (10 ⁻² in.)																					
1-16-65				PREL	1	2	3		1	2	3														
RUN	TIME	LOC	DIR	AVG	1	2	3		1	2	3														
1-31	11.5	121	C	—	—	—	—		(NO RECORD)																
2-32	11.0	123	C	6.1	56	64	64																		
3-33	11.5	126	C	6.0	30	54	46																		
4-34	12	125	D	6.0	20	78	22																		
5-35	12	125	H	6.0	42	90	56		14	15	23														
6-36	12	126	D	6.5	18	74	38		15	19	26														
7-37	11.7	128	C	6.5	28	64	14		(NO RECORD)																
8-38	12	121	B	5.6	20	60	60		12	23	48														
9-39	12	121	C	6.2	38	58	58		08	19	23														
10-40	11.7	128	F	6.0	100	100	100		15	11	39														
11-41	11.6	126	A	4.0					19	26	57														
12-42	12	126	B	5.4					11	08	14														
13-43	7	128	C	7.6					(NO RECORD)																
14-44	12	127	C	7.3																					
15-45	25	125	F	1.0					06	06	20	12	1.8												
16-46	25	125	F	5.1								2	1.6												
17-47	25	125	F	4.5								13	1.8												
18-48	25	125	F	4.0								15	1.8												
19-49	25	125	F	2.1																					

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STRUCTURAL RESPONSE PROGRAM

CONTINUED

BY

DATE: 11-27-65
HOUSE 2-5-3

PHASE 2-B				DISPLACEMENT (10 ⁻³ in)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Run	Time	Sec	Kc	AV	1			2			3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
					1	2	3	1	2	3	1	2	3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
20-50	12	12.0	H	5.5									14	25	20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

STRUCTURAL RESPONSE PROGRAM

CONTINUED

BY

DATE: 11-29-65
HOUSE 2-5-3

PHASE 2-B				DISPLACEMENT (10 ⁻³ in)																					
Run	2.5	12.0	Kc	AV	1			2			3														
					1	2	3	1	2	3	1	2	3												
1-65	11.9	12.0	C	6.2	(N.R.)			(N.R.)																	
2-66	12	11.9	B	6.9																					
3-67	12.5	12.0	C	6.0																					
4-68	12	12.0	H	7.0	56	18	66																		
5-69	12	12.0	A	7.6	34	24	90																		
6-70	12	12.0	F	6.9	56	14	66																		
7-71	11.9	12.0	G	8.1	60	72	68																		
8-72	12	12.0	C	6.6	28	18	56																		
9-73	12	12.0	G	6.8	42	24	68																		
10-74	11.9	12.0	H	7.5	(N.R.)																				
11-75	12	12.0	P	5.6	22	80	38	12	15	20															
12-76	12	12.0	H	5.0	44	94	44	11	25	14															
13-77	11.8	12.0	A	5.3	26	16	54	17	23	62															
14-78	11.9	12.0	P	7.3	46	14	54	14	12	25															
15-79	12	12.0	A	4.8	22	14	38	15	13	57															
16-80	12	12.0	B	5.2	20	60	60	14	15	25															
17-81	12.0	12.0	C	7.0	58	40	46	11	14	20															
18-82	12.0	12.0	H	6.8	34	56	26	15	20	20															
19-83	12	12.0	C	7.0	30	70	42	10	07	20															
D-52																									

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STRUCTURAL RESPONSE PROGRAM

COMPILED
BY

DATE 11-15-65
HOUSE 2-5-3

PHASE 2-B				DISPLACEMENT 10^{-2} (in)								
				FREE END	1	2	3	4	5	6	7	8
PIN	TIME	TYPE	VALUE	1	2	3	4	5	6	7	8	9
1-17-65	12.12.15	G	5.2	(N.R.)								
21-85	12.12.15	G	6.6									
22-86	12.12.15	G	3.2									
23-87	12.12.15	H	5.2									
34-88	12.12.15	D	8.5									
25-89	12.12.15	E	5.5									
26-90	12.12.15	G	6.2									
27-91	12.12.15	G	6.4									
28-92	12.12.15	F	6.9									
29-93	12.12.15	A	8.4									
30-94	12.12.15	F	7.1									
End												

STRUCTURAL RESPONSE PROGRAM

COMPILED
BY

DATE 11-15-65
HOUSE 2-5-3

PHASE 2-B				DISPLACEMENT 10^{-2} (in)								
				FREE END	1	2	3	4	5	6	7	8
PIN	TIME	TYPE	VALUE	1	2	3	4	5	6	7	8	9
1-95	12.12.15	G	5.5	(N.R.)								
1-96	12.12.15	G	5.4									
3-97	12.12.15	G	7.4									
4-98	12.12.15	H	6.2									
5-99	12.12.15	G	5.4									
6-100	12.12.15	H	5.1									
7-101	12.12.15	A	5.4	26	18	58						
8-102	12.12.15	F	5.8	44	18	54						
9-103	12.12.15	A	6.3	26	16	58						
10-104	12.12.15	E	4.8	12	60	24						
11-105	12.12.15	G	5.1	38	46	118						
12-106	12.12.15	G	5.3	20	20	18						
13-107	12.12.15	G	5.4	(N.R.)								
14-108	12.12.15	G	4.5	64	24	104						
15-109	12.12.15	G	4.7	24	46	124						
16-110	12.12.15	H	5.1	(N.R.)								
17-111	12.12.15	F	5.4									
18-112	12.12.15	H	5.1									
19-113	12.12.15	E	4.5	40	10	136						

COMPILED
By

STRUCTURAL RESPONSE PROGRAM

DATE 11-15-79-65
HOUSE 2-5-3

PHASE 2-R				DISPLACEMENT 10^{-2} (in.)								
1-18-65	2-18-65	3-18-65	4-18-65	5-18-65	6-18-65	7-18-65	8-18-65	9-18-65	10-18-65	11-18-65	12-18-65	13-18-65
Run	2-18-65	3-18-65	4-18-65	5-18-65	6-18-65	7-18-65	8-18-65	9-18-65	10-18-65	11-18-65	12-18-65	13-18-65
20-116	12	120	E	6.4	26	24	24	20	26	34		
21-115	12	120	E	8.7	46	60	150	12	29	52		
22-116	12	120	F	5.2	60	14	100	09	17	62		
23-117	12	125	A	6.6	40	24	114	34	29	54		
24-118	12	125	F	6.3	26	14	144	15	20	66		
25-119	12	120	G	6.6	14	R		14	20	25		
26-120	119	124	E	6.2				14	15	34		
27-121	121	131	G	5.1				00	19	12		
28-122	12	120	P	8.0				12	29	7		
29-123	120	121	H	5.2				12	26	23		
30-124	12	124	R	4.8				05	15	00		
End.												

COMPILED
By

STRUCTURAL RESPONSE PROGRAM

DATE 11-15-79-65
HOUSE 2-5-3

PHASE 2-R				DISPLACEMENT 10^{-2} (in.)								
1-19-65	2-19-65	3-19-65	4-19-65	5-19-65	6-19-65	7-19-65	8-19-65	9-19-65	10-19-65	11-19-65	12-19-65	13-19-65
Run	2-19-65	3-19-65	4-19-65	5-19-65	6-19-65	7-19-65	8-19-65	9-19-65	10-19-65	11-19-65	12-19-65	13-19-65
1-125	12	125	F	6.4	52	20	58	11	09	29		
2-126	200	160	F	20	24	08	24	03	05	05		
3-127	30	148	A	22	12	06	020	05	00	00		
4-128	12	120	B	6.1	26	66	56	20	09	60		
5-129	12	125	E	4.8	36	06	32	00	17	17		
6-130	11	125	B	5.2	26	20	96	11	20	20		
7-131	12	125	E	6.2	28	48	48	14	14	34		
8-132	12	126	G	6.0	(M.R.)			(M.R.)				
9-133	12	129	E	0.1								
10-134	121	125	P	4.9	20	26	28	12	13	35		
11-135	119	129	H	5.0	44	80	52	11	26	22		
12-136	110	124	D	6.5	18	22	28	00	17	14		
13-137	25	135	F	2.7	32	36	120	00	11	17	12	58
14-138	25	129	F	2.4	24	26	28	06	06	15	13	58
15-139	14	122	E	10.0	40	60	40	11	20	23		
16-140	25	135	F	3.7	24	24	30	05	00	17	13	58
17-141	12	125	B	5.1	24	58	50	14	17	23		
18-142	25	135	F	2.1	28	32	26	00	04	23	13	58
19-143	12	122	E	6.0	40	48	26	11	19	17		

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE 11-29-65
HOUSE 2-5-2

HOUSE 2-5		DISPLACEMENT (in)																			
L-19-65		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
RUN	TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
20-144	25	1.35	F	35	22	22	28			.05	.05			.5	B-58						
21-145	32	1.41	F	20	(N.R.)					(N.R.)											
22-146	30	1.30	F	14																	
23-147	30	1.4	F	22																	
24-148	17	1.30	A	5.6	30	18	1.02			.17	.20	.45									
25-149	119	1.31	G	5.1	(N.R.)					(N.R.)											
26-150	121	1.31	G	5.9	40	58	200			.20	.19	.57									
27-151	113.2	1.22	G	6.7	60	74	1.20			.15	.20	.23									
28-152	12	1.25	H	4.4	(N.R.)					(N.R.)											
29-153	12	1.25	F	6.2	16	66	26			.08	.19	.14									
30-154	12	1.25	H	5.4	3	90	44			.12	.25	.12									
31-155	12	1.2	A	5.2	20	18	44			.15	.15	.20									
32-156	12	1.20	F	2.4	(N.R.)					.12	.07	.16									
33-157	12	1.25	A	6.4	24	22	50			.20	.22	.20									
End																					

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE 11-29-65
HOUSE 2-5-2

HOUSE 2-5		DISPLACEMENT (in)																			
L-20-65		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
RUN	TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1-158	11.8	1.20	B	5.7	12	58	68			.12	.25	.60									
2-159	12	1.20	F	10.2	56	68	1.64			.22	.20	.37									
3-160	12	1.3	G	7.4	76	84	1.20			.15	.23	.51									
4-161	12	1.3	G	5.3	30	50	40			.12	.14	.25									
5-162	30	1.4	F	7.0	1.1	1.8	2			(N.R.)											
6-163	30	1.3	F	1.6	06	04	14			.03	.03	.03									
7-164	46	1.0	A	0.9	10	04	12			.03	.02	.05									
8-165	11.9	1.21	F	0.5	22	76	40			.06	.12	.14									
9-166	12.1	1.20	H	7.0	38	24	80			.15	.23	.19									
10-167	12	1.24	F	0.7	20	50	50			.08	.15	.17									
11-168	11.9	1.24	G	1.3	40	28	62			.11	.28	.20									
12-169	12	1.20	F	0.1	16	58	85			.10	.20	.32									
13-170	11.5	1.20	G	4.1	22	58	32			.05	.15	.14									
14-171	12	1.20	F	4.7	(N.R.)					(N.R.)											
15-172	13	1.00	A	5.5	24	50	64			.14	.17	.25									
16-173	11.7	1.20	F	4.7	54	18	56			.00	.00	.09									
17-174	12	1.25	G	5.5	58	56	68			.09	.17	.12									
18-175	12	1.20	F	5.6	36	64	70			.09	.15	.19									
19-176	12	1.20	G	7.0	66	84	14			.14	.20	.25									
End																					

D-55

COUPLED
BY

STRUCTURAL RESPONSE PROGRAM

DATE 11-10-65
HOUSE 2-5-3

PHASE 2-B				DISPLACEMENT 10 ⁻² (in)																				
Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
1-111	12	130	1	5.3	50	44	86			11	26	40												
1-125	12	130	0	4.1	11	12				(N.E.)														
1-129	12	130	F	6.8	56	100	84			26	29	29												
2-180	12	130	A	4.2	24	26	56			15	20	40												
5-181	12	131	A	4.4	64	24	28			11	11	17												
6-182	12	130	A	4.0	32	20	88			14	11	26												
7-183	12	130	E	5.3	20	46	84			19	23	42												
8-184	12	130	E	4.0	54	42	24			09	12	17												
9-185	12	131	E	4.3	24	40	80			12	17	20												
10-186	12	130	E	1			120			19	20	29												
11-187	12	130	G			(N.R.)				(N.E.)														
12-188	12	130	G		34	64	120			17	23	20												
3-189	25	130	F	2.5	26	32	58			11	09	39	12	55										
14-189	12	139	D	5.3		(N.R.)				(N.E.)														
15-191	25	130	A	2.9	27	25	52			11	14	31	15	28										
16-192	12	131	H	3.5	46	74	82			12	25	15												
17-193	25	130	A			(N.R.)				(N.E.)			12	58										
18-194	12	130	D	4.0	32	82	102			09	17	25												
19-195	25	136	A	2.0		(N.R.)				(N.E.)			13	58										

COUPLED
BY

STRUCTURAL RESPONSE PROGRAM

DATE 11-10-65
HOUSE 2-5-3

PHASE 2-B				DISPLACEMENT 10 ⁻² (in)																				
Time	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
20-196	25	131	E	2.6		(N.R.)				05	06	20	12	58										
21-197	25	135	A	2.5						06	12	26	13	58										
22-198	25	136	F	2.2						(N.E.)			13	58										
23-199	12	131	E	4.0						(N.E.)														
24-200	12	130	E	4.9						20	20	58												
25-201	12	130	E	5.3						08	19	17												
26-202	25	135	F	4.6						(N.E.)			12	58										
27-203	12	130	D	4.4						(N.E.)														
28-204	25	132	A	11	12	42				11	12	39	12	58										
29-205	12	130	A	2.2	46	86	65			20	26	35												
30-206	25	133	F	3.8		(N.R.)				(N.E.)			12	58										
31-207	25	133	A	3.0	16	20	40			11	11	45	12	58										
32-208	25	135	F	5.6	14	12				08	12	26	12	58										
33-209	25	137	A	2.6		(N.R.)				11	09	19	12	58										
34-210	12	123	H	2.5						(N.E.)														
35-211	25	136	A	3.1						09	08	19	12	58										
36-212	12	120		3.6						06	10	4												
37-213	25	136	A	2.9						11	12		12	58										
38-215	25	137	D							05	08													

COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE: 11-19-65
HOUSE 2-5-5

PHASE 2-B				DISPLACEMENTS 10 ⁻² /in								
1-21-65				1	2	3	1	2	3			
Run	4.5	12.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			
40-216	12	130	G	1.0	1.0	1.0	(N.R.)					
41-217	11.9	120	C	5.2			15	15	31			
42-218	12	131	G	5.2			15	25	17			
43-219	12	131	H	7.9	63	110	80	14	34	35		
44-220	11.9	130	D	2.0	20	58	62	06	14	11		
45-221	11.7	131	H	0.0	(N.R.)			19	31	26		
End												

COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE: 11-19-65
HOUSE 2-5-5

PHASE 2-B				DISPLACEMENTS 10 ⁻² /in								
1-22-65				1	2	3	1	2	3			
Run	4.5	12.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			
1-222	12	130	A	32	28	80	34	31	65			
2-223	12	130	F	35	44	24	40	09	11	09		
3-224	12	132	A	46	28	30	62	12	20	22		
4-225	12	127	B	10.7	24	112	58	19	26	46		
5-226	12	126	E	29	10	60	84	20	33	37		
6-227	12	177	B	5.1	16	64	46	06	17	20		
7-228	11.9	13	C	4.3	(N.R.)			(N.R.)				
8-229	12	131	G	3.7	44	68	60	09	17	14		
9-230	12	132	C	7.1	16	34	52	11	19	17		
10-231	12	141	F	16	10	26	16	05	06	00		
11-232	12	141	A	16	28	16	50	05	09	11		
12-233	12	141	F	2.2		12		(N.R.)				
13-234	12	141	A	5.9								
14-235	11.9	135	E	4.5	41	50	110	11	12	19		
15-236	11.9	135	B	5.9	24	84	96	22	12	32		
16-237	12	131	G	4.1	31	31	44	09	14	12		
17-238	12	129	F	6.2	36	24	110	08	06	11		
18-239	12	130	H	3.9	16	21	60	11	17	21		
19-240	11	115	F	2.3	56	40	116	12	11	11		

COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE 1-16-65
HOUSE 2-5-5

PHASE 2-B				DISPLACEMENT (10 ⁻³ in.)								
1-22-65				Time	1	2	3	1	2	3		
PIN	1/2	1/4	1/8	in.	1/2	1/4	1/8	1/2	1/4	1/8		
20-24	15	14.1	E	1.2	1.1	(N.R.)		(N.R.)				
21-25	15	14.1	E	1.4								
22-26	15	12	G	0.9								
23-24	14	14	F	2.6								
24-25	14	14	A	2.1								
25-26	14	14	F	4.6								
26-27	14	14	A	1.5								
27-28	14	14	A	1.5								
28-29	14	14	F	2.4								
29-30	14	14	A	1.6								
30-31	14	14	F	2.3								
31-32	14	14	B	0.4								
32-33	14	14	B	1.6								
33-34	14	14	B									
End												

COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE 1-16-65
HOUSE 2-5-5

PHASE 2-B				DISPLACEMENT (10 ⁻³ in.)								
1-23-65				Time	1	2	3	1	2	3		
PIN	1/2	1/4	1/8	in.	1/2	1/4	1/8	1/2	1/4	1/8		
1-25	11.9	12.5	E	2.2	5.6	6.8		1.5	2.5	3.1		
2-26	11.9	12.5	G	6.9	4.2	4.2	5.6	1.4	1.4	2.0		
3-27	11.9	12.5	E	4.6	2.0	4.2	5.4	0.6	1.7	1.7		
4-28	11.3	13.0	D	4.7	1.0	6.2	4.4	0.6	1.5	1.9		
5-29	12	13.9	H	6.0	3.8	8.4	6.6	0.9	2.3	1.9		
6-30	12	13	D	3.1	1.8	7.4	6.0	0.5	1.7	1.5		
7-31	12	12.0	E	6.7	4.8	5.8	7.2	1.4	2.9	5.4		
8-32	12	12	B	4.3	1.8	7.2	7.8	-	1.9	2.6		
9-33	12	12.0	E	2.9	(N.R.)			-	1.1	1.5		
10-34	12	13	B	3.7				1.1	1.4	2.0		
11-35	11.9	13	F	0.9				1.5	1.5	2.0		
12-36	11.9	13	A	4.0				1.5	-	2.0		
13-37	11.9	13.4	F	3.1				0.5	-	1.9		
14-38	12	13.4	F	2.0				(N.R.)		B-5B		
15-39	12	12.4	G	3.1				1.1	1.1	1.2		
16-40	12	13.5	A					0.6	0.9	2.0	B-5B	
17-41	12.1	12.9	C	3.0				1.1	1.7	3.4		
18-42	12	13.6	F	4.1				0.9	0.9	2.5	B-5B	
19-43	12	12.6	G	5.9				1.4	1.5	2.5		

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE 6-15-79
HOUSE 2-5-5

PHASE 2-B				DISPLACEMENT 10 ⁻² (in)								
1-23-65				1	2	3	1	2	3			
PIN	25	136	137	138	139	140	141	142	143			
20-224	25	136	A	2.2	(N.R.)		.09	14	.35	B-5B		
21-225	25	135	A	2.0			.11	.05	.25	B-5B		
22-226	25	136	A	2.6			.06	.08	.26	B-5B		
23-277	25	136	A	2.3			-.09	.39		B-5B		
24-278	24	135	A	2.1			(N.R.)			B-5B		
25-279	12	126	H	5.2			(N.R.)					
26-280	17	131	D	2.2			-.12	.06				
27-281	17	128	H	7.1			.11	.31	.31			
28-282	17	128	D	12.7			.14	.34	.28			
29-283	25	136	A	2.9			.05	.06	.22	B-5B		
30-284	25	136	A	2.1			.05	.05	.24	B-5B		
31-285	17	129	B	3.1			.11	.25	.23			
32-286	25	136	F	2.4			.08	.05	.19	B-5B		
33-287	17	129	F	6.6			.14	.23	.23			
34-288	25	137	A	3.1			.08	.03	.17	B-5B		
35-289	12	129	B	4.2			.29	.23	.49			
36-290	25	137	A	9			.03	.02	.11	B-5B		
37-291	25	137	A	9			.08	.09	.31	B-5B		
38-292	25	136	F	18.1			(N.R.)			B-5B		

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE 6-15-79
HOUSE 2-5-5

PHASE 7-B				DISPLACEMENT 10 ⁻² (in)								
1-23-65				1	2	3	1	2	3			
PIN	25	136	137	138	139	140	141	142	143			
39-293	12	125	C	5.3	(N.R.)		.19	.19	.25			
40-294	25	137	A	2.7			.05	.11	.43			
41-295	12	130	C	2.7			.05	.11	.06			
42-296	25	137	F	2.2			.06	.05	.15			
43-297	12	125	C	2.2			(N.R.)					
44-298	12	126	G	7.3			.28	.34	.44			
45-299	12	126	H	3.7			.11	.34	.26			
46-300	17	125	D	2.8			.03	.12	.09			
47-301	12	126	H	3.1			.12	.29	.25			
48-302	12	129	B	4.2			(N.R.)					
49-303	12	130	B	2.2			.20	.25	.35			
50-304	12	130	B	7.8			.11	.23	.29			
End												

D-59.

STRUCTURAL RESPONSE PROGRAM

COMPILED
By

DATE 11-11-65
HOUSE 2-5

PHASE 2-B			DISPLACEMENT (10 ⁻² in)								
1-24-65			1	2	3	1	2	3			
RUN	TIME	LOC	TYPE	1	2	3	1	2	3		
1-305	12	122	A	4.4	142	24	AB	11	08	35	
2-306	12	122	A	4.6	216	32	62	15	14	37	
3-307	12	120	A	4.2	40	20	68	11	14	17	
4-308	12	125	A	2.0	10	20	40	11	09	29	
5-309	12	122	G	1.9	36	60	56	09	15	15	
6-310	12	122	C	1.4	18	62	60	08	11	28	
7-311	12	120	G	4.5	40	76	60	11	17	72	
8-312	12	120	C	4.4	22	56	68	17	11	37	
9-313	12	125	H	0.8	34	110	54	12	28	34	
10-314	12	125	D	5.0	(NR)			06	15	14	
11-315	12	125	H	0.2				09	26	26	
12-316	12	125	D	4.5				08	14	15	
13-317	12	124	A	9.4				12	14	32	
14-318	12	124	F	5.3				11	01	11	
15-319	12	124	A	3.6				12	11	31	
16-320	12	121	B	6.1				25	19	49	
17-321	12	120	E	5.7				09	17	33	
18-322	12	120	B	4.1				09	15	24	
19-323	12	122	E	3.9				09	14	15	

STRUCTURAL RESPONSE PROGRAM

COMPILED
By

DATE 11-11-65
HOUSE 2-5

PHASE 2-B			DISPLACEMENT (10 ⁻² in)								
1-24-65			1	2	3	1	2	3			
RUN	TIME	LOC	TYPE	1	2	3	1	2	3		
20-324	12	122	G	6.1	(NR)			15	15	31	
21-325	12	122	G	5.4				08		26	
22-326	12	124	G					11	15	28	
23-327	12	124	G	4.2				09	11	14	
24-328	12	124	H	7.4				(NR)			
25-329	12	121	D	4.6				05	14	12	
26-330	12	121	H					15	26	45	
27-331	12	120	D	6.5				11	14	22	
28-332	12	121	E	4.6				09	15	19	
29-333	12	124	G	3.8				11	14	26	
30-334	12	122	G	8.1				11	20	19	
31-335	12	125	B	4.1				09	12	28	
32-336	12	120	F	9.2				(NR)			
33-337	12	122	A					06	06	22	
34-338	12	121	F					06	06	08	
35-339	12	121	A	3.9				06	09	37	
36-340	12	120	G	3.4				08	20	28	
37-341	12	120	C	4.9				12	12	37	
38-342	12	122	G	4.4				12	23	25	
39-343	12	122	C	3.9				09	04	29	

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STRUCTURAL RESPONSE RECORD

COMPILED
By

DATE 11-15-65
HOUSE 2-5-5

PHASE 2-B		DISPLACEMENT 10^{-2} (in)								
1-25-65	26-30-65	31-35-65	36-40-65	41-45-65	46-50-65	51-55-65	56-60-65	61-65-65	66-70-65	71-75-65
Run	Time	Loc	Dir	Dist	Time	Loc	Dir	Dist	Time	Loc
1-26	12.13	H	-	1.12	12.15	H	-	1.12	12.17	H
2-26	12.13	D	-	1.12	12.15	H	-	1.12	12.17	H
3-26	12.13	H	-	1.12	12.15	H	-	1.12	12.17	H
4-26	12.13	A	-	1.12	12.15	H	-	1.12	12.17	H
5-26	12.13	F	-	1.12	12.15	H	-	1.12	12.17	H
6-26	12.13	A	-	1.12	12.15	H	-	1.12	12.17	H
7-26	12.13	S	-	1.12	12.15	H	-	1.12	12.17	H
8-26	12.13	G	-	1.12	12.15	H	-	1.12	12.17	H
9-26	12.13	G	-	1.12	12.15	H	-	1.12	12.17	H
10-26	12.13	E	-	1.12	12.15	H	-	1.12	12.17	H
11-26	12.13	G	-	1.12	12.15	H	-	1.12	12.17	H
12-26	12.13	E	-	1.12	12.15	H	-	1.12	12.17	H
13-26	12.13	E	-	1.12	12.15	H	-	1.12	12.17	H
14-26	12.13	H	-	1.12	12.15	H	-	1.12	12.17	H
15-26	12.13	R	-	1.12	12.15	H	-	1.12	12.17	H
16-26	12.13	E	-	1.12	12.15	H	-	1.12	12.17	H
17-26	12.13	E	-	1.12	12.15	H	-	1.12	12.17	H
18-26	12.13	E	-	1.12	12.15	H	-	1.12	12.17	H
19-26	12.13	F	-	1.12	12.15	H	-	1.12	12.17	H

STRUCTURAL RESPONSE RECORD

COMPILED
By

DATE 11-15-65
HOUSE 2-5-5

PHASE 2-B		DISPLACEMENT 10^{-2} (in)								
1-25-65	26-30-65	31-35-65	36-40-65	41-45-65	46-50-65	51-55-65	56-60-65	61-65-65	66-70-65	71-75-65
Run	Time	Loc	Dir	Dist	Time	Loc	Dir	Dist	Time	Loc
20-26	12.13	S	-	1.12	12.15	H	-	1.12	12.17	H
21-26	12.13	F	-	1.12	12.15	H	-	1.12	12.17	H
22-26	12.13	G	-	1.12	12.15	H	-	1.12	12.17	H
23-26	12.13	E	-	1.12	12.15	H	-	1.12	12.17	H
24-26	12.13	G	-	1.12	12.15	H	-	1.12	12.17	H
25-26	12.13	E	-	1.12	12.15	H	-	1.12	12.17	H
26-26	12.13	H	-	1.12	12.15	H	-	1.12	12.17	H
27-26	12.13	D	-	1.12	12.15	H	-	1.12	12.17	H
28-26	12.13	H	-	1.12	12.15	H	-	1.12	12.17	H
29-26	12.13	E	-	1.12	12.15	H	-	1.12	12.17	H
30-26	12.13	A	-	1.12	12.15	H	-	1.12	12.17	H
End										

COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE 6-11-75
HOUSE 2-5-5

PHASE 2-B		DISPLACEMENT 10^{-2} (in)																		
1-26-65	Run	Time	Sec	Lat	Long	Alt	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1-376	12	1.32	B	-	(N.R.)															
2-375	12	1.36	E	4.0	86	80	72													
3-376	12	1.33	B	4.1	86	80	72													
4-377	12	1.31	E	5.0	86	76	80													
5-378	12	1.32	E	-	47	48	48													
6-379	12	1.32	C	-	80	80	87													
7-380	12	1.32	B	4.5	86	82	80													
8-381	12	1.30	H	7.0	86	76	82													
9-382	12	1.31	O	4.0	72	100	14													
10-383	12	1.30	H	2.5	(N.R.)															
11-384	12	1.30	E	8.1	40	74	44													
12-385	12	1.30	B	6.9	68	84	44													
13-386	12	1.30	E	5.0	84	62	82													
14-387	12	1.32	B	-	46	60	84													
15-388	25	1.30	F	3.0	51	46	84													
16-389	25	1.37	A	3.0	34	15	44													
17-390	12	1.31	G	5.5	66	72	86													
18-391	25	1.37	F	4.6	56	46	82													
19-392	12	1.34	C	-	26	64	90													

COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE 6-11-75
HOUSE 2-5-5

PHASE 2-B		DISPLACEMENT 10^{-2} (in)																		
1-26-65	Run	Time	Sec	Lat	Long	Alt	1	2	3	4	5	6	7	8	9	10	11	12	13	14
20-393	25	1.37	A	4.7	60	20	86													
21-394	12	1.30	G	3.7	70	90	80													
22-395	25	1.30	F	2.2	(N.R.)															
23-396	12	1.30	C	4.7	42	40	40													
24-397	25	1.30	A	3.5	40	18	84													
25-398	25	1.30	F	6.7	80	40	40													
26-399	25	1.30	A	2.1	18	16	82													
27-400	12	1.34	H	3.6	58	88	74													
28-401	12	1.35	O	3.0	38	86	80													
29-402	12	1.31	H	-	82	60	86													
30-403	12	1.32	O	3.1	48	88	66													
31-404	25	1.37	F	2.6	(N.R.)															
32-405	25	1.30	A	4.7	70	16	70													
33-406	25	1.30	F	3.1	(N.R.)															
34-407	12	1.33	F	3.0	70	74	84													
35-408	25	1.30	A	3.6	34	16	86													
36-409	12	1.33	G	4.5	74	82	48													
37-410	25	1.37	F	5.0	86	46	80													
38-411	12	1.35	G	7.3	74	80	80													

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STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE: 4-11-75
HOUSE 2-5-5

PHASE 7-B				DISPLACEMENT 10^{-2} (in.)								
1-26-65				1	2	3	1	2	3			
Run	Time	Sec	Acc	1	2	3	1	2	3			
24-412	25	1.37	A	2.8	50	14	54	105	89	20	13	58
40-412	25	1.37	A	2.5	32	38	38	102	109	17	12	58
41-414	25	1.38	A	-	56	112	56	100	11	46	13	58
42-415	25	1.38	A	3.7	(1.1)	(5.7)		(11.5)			12	59
43-416	25	1.41	A	2.5	38	12	32	103	103	26	13	59
44-417	25	1.42	H	6.0	90	120	90	114	26	32		
45-418	25	1.25	H	4.2	138	46	46	105	123	20		
46-419	25	1.20	D	3.5	54	128	46	105	123	15		
47-420	25	1.31	G	4.4	48	60	40	100	117	09		
48-421	25	1.31	C	3.7	38	32	32	-	108	11		
49-422	25	1.33	E	7.6	88	74	74	114	114	14		
50-423	25	1.24	H	7.2	88	86	84	114	29	31		
51-424	25	1.3	D	3.6	36	66	36	25	112	12		
52-425	25	1.3	H	6.2	80	124	114	114	124	29		
End												

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE: 4-11-75
HOUSE 2-5-5

PHASE 7-B				DISPLACEMENT 10^{-2} (in.)								
1-27-65				1	2	3	1	2	3			
Run	Time	Sec	Acc	1	2	3	1	2	3			
1-426	12	1.26	D	3.9	50	100	54	114	23	39		
2-427	12	1.25	H	5.2	84	10	84	100	23	20		
3-428	12	1.23	D	-	60	80	80	111	320	28		
4-429	12	1.25	H	3.9	62	84	40	109	23	17		
5-430	12	1.25	E	4.6	56	58	88	11	14	29		
6-431	12	1.24	B	5.4	46	60	90	11	20	26		
7-432	12	1.20	E	4.5	64	50	52	108	15	17		
8-433	12	1.20	E	4.2	28	66	70	105	20	23		
9-434	12	1.24	H	4.2	70	24	50	12	09	15		
10-435	12	1.24	A	4.6	38	26	40	12	14	25		
11-436	12	1.21	H	-	80	20	50	12	11	19		
12-437	12	1.24	A	-	42	40	50	14	12	29		
13-438	12	1.24	H	3.8	66	26	40	11	09	4		
14-439	12	1.22	A	6.1	50	50	50	100	12	23		
15-440	12	1.22	G	2.0	54	76	60	09	12	11		
16-441	12	1.25	C	4.8	40	60	50	11	11	20		
17-442	12	1.24	G	4.5	140	100	80	17	20	28		
18-443	12	1.25	C	5.1	86	66	68	14	12	12		
19-444	12	1.25	G	6.5	74	64	74	14	12	20		

COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE 6-15-65
HOUSE 2-5-5

PHASE 2-B				DISPLACEMENT 10^{-2} (in)								
Run	Time	Sec	Acc	1	2	3	1	2	3			
1-27-65												
20-448	12	1.25	H	56	1.00	52	11	23	14			
21-448	12	1.25	D	37	2.0	42	02	12	09			
22-448	12	1.23	H	57	4.0	204	09	23	12			
23-448	12	1.23	D	55	6.4	108	06	20	12			
24-448	12	1.25	H	56	4.0	92	08	22	12			
25-450	12	1.22	D	11.4	58	106	06	19	14			
26-451	12	1.20	H	66	6.4	36	08	06	20			
27-452	12	1.20	A	38	4.0	1.8	06	00	12			
28-453	12	1.2	F	153	2.0	36	09	09	12			
29-454	12	1.15	A	4.4	1.5	5.2	06	11	12			
30-455	12	1.2	F	5.0	2.6	3.8	11	11	23			
End												

COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE 6-15-65
HOUSE 2-5-5

PHASE 2-B				DISPLACEMENT 10^{-2} (in)								
Run	Time	Sec	Acc	1	2	3	1	2	3			
1-28-65												
1-456	12	1.20	G	5.0	4.8	6.6	11	17	29			
2-457	12	1.23	E	5.7	5.4	5.2	11	12	14			
3-458	12	1.27	A	4.8	4.6	6.6	09	15	20			
4-459	12	1.25	E	-	5.2	5.4	08	20	14			
5-460	12	1.25	G	4.2	(N.R.)	-	(N.R.)					
6-461	12	1.2	C	4.8	4.4	5.8	09	14	31			
7-462	12	1.23	G	4.9	7.8	7.4	12	20	20			
8-463	12	1.23	G	8.9	7.0	6.5	11	15	14			
9-464	12	1.23	C	5.2	4.2	5.2	08	12	22			
10-465	12	1.22	G	5.1	7.8	8.0	12	19	25			
11-466	12	1.22	E	5.2	5.0	5.4	09	15	31			
12-467	12	1.26	G	6.6	8.4	8.0	11	23	22			
13-468	12	1.25	C	5.0	2.6	6.0	11	14	39			
14-469	12	1.26	G	4.9	8.0	8.0	12	23	19			
15-470	12	1.26	C	4.7	7.2	6.2	11	14	35			
16-471	12	1.26	G	-	7.6	7.4	11	17	14			
17-472	12	1.26	C	12.1	5.0	5.0	09	14	29			
18-473	11.95	1.26	G	3.3	6.6	7.0	11	14	14			
19-474	12	1.26	G	5.1	(N.R.)	-	(N.R.)					

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STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE 6-6-65: 1-29-65
HOUSE 2-5-5

PHASE 2-A					DISPLACEMENT 10^{-2} (in)								
1-28-65					1	2	3	4	5	6	7	8	9
RUN	AGE	LOC	TYPE	UNIT	1	2	3	4	5	6	7	8	9
20-475	12	122	G	0.2	80	86	72	11	15	25			
21-476	12	125	E	3.5	42	44	42	19	11	21			
22-477	12	125	G	5.0	80	98	54	14	19	17			
23-478	12	128	E	4.8	46	54	48	05	12	15			
24-479	12	121	D	-	54	94	98	08	20	63			
25-480	12	120	H	6.2	100	140	80	17	26	22			
26-481	12	121	D	-	58	86	54	11	17	49			
27-482	12	120	H	6.5	74	118	68	11	23	14			
28-483	12	125	D	4.9	58	92	78	09	20	66			
29-484	12	123	A	4.9	86	32	10	09	08	21			
30-485	12	128	A	5.1	42	18	58	11	11	22			
31-486	12	127	F	4.7	26	30	16	08	09	20			
32-487	12	128	F	5.4	60	34	68	09	09	22			
33-488	12	12	A	5.1	32	70	44	06	14	12			
34-489	12	122	E	3.0	40	50	116	09	08	26			
35-490	12	126	E	4.2	60	76	74	15	23	43			
36-491	12	122	F	-	66	42	74	12	11	49			
37-492	12	124	A	3.3	40	24	58	09	14	20			
38-493	12	125	F	3.6	60	34	64	11	04	15			
39-494	12	120	A	6.0	46	26	78	17	11	31			

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE 6-6-65: 1-29-65
HOUSE 2-5-5

PHASE 2-B					DISPLACEMENT 10^{-2} (in)								
1-29-65					1	2	3	4	5	6	7	8	9
RUN	AGE	LOC	TYPE	UNIT	1	2	3	4	5	6	7	8	9
1-495	12	124	E	8.0	(N.E.)								
2-496	12	124	E	4.4	86	50	28	12	19	14			
3-497	12	124	E	5.0	60	52	66	12	14	29			
4-498	12	124	D	5.2	(N.E.)								
5-499	12	125	H	8.6	58	100	48	08	25	12			
6-500	12	128	D	3.5	26	74	34	05	15	12			
7-501	12	121	D	-	32	72	64	05	12	14			
8-502	12	126	H	4.3	52	102	42	11	29	17			
9-503	12	125	D	4.0	44	82	114	08	15	25			
10-504	12	125	E	6.1	76	60	46	11	08	39			
11-505	12	124	A	3.6	26	14	26	11	14	10			
12-506	12	122	F	4.2	26	20	66	12	09	09			
13-507	12	123	A	4.9	32	14	14	09	09	17			
14-508	12	125	G	8.0	(N.E.)								
15-509	12	123	E	5.8	50	58	26	14	17	22			
16-510	12	125	G	4.6	11	11	1						
17-511	12	125	E	6.1	40	44	4	04	12	15			
18-512	12	122	H	6.4	14	148	74	12	31	23			
19-513	12	120	D	5.0	34	100	44	04	14	20			

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STRUCTURAL RESPONSE PAPER

COMPLETED
By _____

DIRECTOR-65-1-29-65
HOUSE 2-5-2

[illegible]

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE 1-30-65 2-7-65
HOUSE 2-5-5

PHASE 2-B				ACCELEROMETERS (2)												DISPLACEMENT												10:22 (in)		
1-30-65																														
RUN	WT	HT	KG	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	1	2	3									
1-530	12	124	K	5.6	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	58	38	50	09	08	14									
2-531	12	125	B	6.2												36	60	64	15	16	31									
3-532	12	125	G	4.7												66	46	54	11	14	20									
4-533	12	124	F	5.3												76	24	54	11	11	14									
5-534	12	124	A	4.7												38	20	88	14	12	26									
6-535	11.04	125	F	4.7												12	26	54	11	11	14									
7-536	12	119	E	5.1												72	96	48	14	20	15									
8-537	12	123	C	5.2												50	58	46	11	12	33									
9-538	12.05	122	G	5.5												70	70	56	14	17	14									
10-539	12.0	125	H	4.5												64	98	48	12	22	20									
11-540	12.0	125	D	3.7												40	70	32	03	15	11									
12-541	12.0	125	H	4.3												46	112	56	11	22	12									
13-542	12.0	120	A	3.2												32	14	28	09	09	31									
14-543	12.0	120	F	4.9												80	22	40	09	08	19									
15-544	11.0	118	A	4.5												36	18	40	00	08	20									
16-545	12.0	121	C	NR												(NA)			12	15	25									
17-546	12.0	123	E	5.2												56	14	14	14	09	40									
18-547	12	123	B	3.4												44	58	46	09	15	12									
19-548	12	123	G	3.1												54	11	62	06	09	60									
D-66																														

COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE: 30.6.2.7.45
HOUSE 2-5-5

Phase 2-B				ACCELEROMETERS (1)												DISPLACEMENT (10 ⁻² in)											
1-30-65				1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	1	2	3						
Run	Time	Lat	Long	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	1	2	3						
20-549	12	1.24	E	3.8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	4.2	6.6	4.6	.00	.11	.12						
21-550	12	1.24	C	4.4												7.2	6.0	5.4	.00	.11	.37						
22-551	12	1.20	D	4.4												(N.R.)											
23-552	12	1.21	H	7.3												4.4	10.4	5.4	.12	.14	.22						
24-553	12	1.21	D	4.4												(N.R.)			.00	.15	.39						
25-554	12	1.20	E	7.6															.11	.11	.45						
26-555	12	1.19	B	NR															.17	.20	.31						
27-556	12	1.20	E	3.7															.09	.08	.35						
28-557	12	1.22	A	5.4															.14	.11	.22						
29-558	12	1.21	A	8.0												4.4	11.8	8.4	.15	.11	.32						
30-559	12	1.23	E	6.7												(N.R.)			.09	.08	.40						
End																											

COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE: 30.6.2.7.45
HOUSE 2-5-5

PHASE 2-B				ACCELEROMETERS (2)												DISPLACEMENT (10. ⁻² in)								
1-31-65				TIME	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	1	2	3		
RUN	4.5	12.0	12.0	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		
1-560	11.97	1.25	E	3.6													(N.R.)		(N.R.)					
2-561	12.1	1.25	B	3.9													4.2	7.6	8.0	.06	.17	.19		
3-562	11.95	1.26	E	4.8													5.2	4.0	5.8	.09	.11	.13		
4-563	12.1	1.26	H	4.5													6.8	4.0	4.8	.09	.11	.22		
5-564	12.1	1.25	A	4.2													5.4	2.2	4.0	.12	.11	.23		
6-565	12.05	1.26	E	3.6													1.2	3.6	4.2	.11	.08	.11		
7-566	12.1	1.24	G	4.4													4.2	2.0	1.2	.15	.17	.20		
8-567	12.1	1.23	C	4.8													4.2	5.0	1.8	.08	.11	.20		
9-568	12.1	1.23	G	4.3													4.2	5.2	4.0	.12	.15	.14		
10-569	12.1	1.23	H	NR													4.0	1.4	4.2	.15	.22	.19		
11-570	12.1	1.25	E	6.5													(N.R.)		(N.R.)					
12-571	12.1	1.23	D	5.7													4.0	1.8	3.6	.03	.15	.15		
13-572	12.1	1.25	E	4.1													2.6	1.8	2.4	.08	.09	.22		
14-573	12.1	1.22	H	6.1													7.2	1.6	7.0	.19	.23	.31		
15-574	12.1	1.26	E	4.0													1.2	1.6	1.6	.11	.06	.12		
16-575	12.1	1.25	A	3.4													1.2	2.2	4.0	.15	.09	.29		
17-576	12.1	1.27	E	4.0													4.2	1.4	4.6	.11	.16	.11		
18-577	12.1	1.24	A	4.6													2.4	1.4	5.2	.09	.09	.31		
19-578	12.1	1.26	B	4.7													2.8	1.1	1.1	.09	.12	.20		

STRUCTURAL RESPONSE PROGRAM

COMPILED
By

DATE: 30.6.7.74
HOUSE 2-5-5

PHASE 2-B				ACCELEROMETERS (g)												DISPLACEMENT (10 ⁻³ in.)								
1-31-65				1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9
RUN	TIME	TYPE	VAL	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9
20-579	12.125	E	40.5	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	76	42	6	.09	.08	.15			
21-580	12.136	E	4.5	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	40	6	50	.09	.14	.20			
22-581	12.122	C	4.6	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	42	6	90	.11	.11	.25			
22-582	12.123	G	4.7	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	60	26	50	.11	.15	.12			
24-583	12.127	E	5.6	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	50	26	26	.17	.15	.36			
25-584	12.120	D	3.4	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	26	26	22	.03	.14	.09			
26-585	12.124	N	4.6	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	80	100	72	.09	.20	.20			
27-586	12.121	D	2.0	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	20	56	18	.03	.12	.09			
28-587	12.122	E	NK	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	48	42	40	.09	.09	.20			
29-588	12.125	E	4.9	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	(N.K.)			.15	.15	.35			
30-589	12.124	E	4.2	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED				.15	.14	.29			
End																								

STRUCTURAL RESPONSE PROGRAM

COMPILED
By

DATE: 30.6.7.74
HOUSE 2-5-5

PHASE 2-B				ACCELEROMETERS (g)												DISPLACEMENT (10 ⁻³ in.)								
2-1-65				1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9
RUN	TIME	TYPE	VAL	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9
1-590	12.124	G	5.2	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	28	28	2	.11	.15	.23			
2-591	12.125	E	NK	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	40	26	42	.06	.11	.17			
3-592	12.125	G	4.0	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	66	20	50	.08	.17	.17			
4-593	12.124	N	5.3	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	(N.K.)			(N.K.)					
5-594	12.125	D	4.5	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	20	22	36	.08	.25	.23			
6-595	12.125	N	5.1	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	58	100	50	.11	.20	.22			
7-596	12.120	A	4.6	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	(N.K.)			(N.K.)					
8-597	12.123	E	4.0	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	(N.K.)								
9-598	12.122	A	3.9	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	26	28	40	.12	.12	.28			
10-599	12.121	B	4.2	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	52	22	48	.09	.17	.37			
11-600	12.123	E	NK	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	50	54	36	.08	.12	.17			
12-601	12.124	B	4.0	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	(N.K.)			(N.K.)					
12-602	12.123	E	3.2	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	(N.K.)								
12-603	12.126	E	3.7	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	32	52	44	.12	.09	.15			
15-604	12.126	E	3.4	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	52	54	40	.14	.11	.20			
16-605	12.125	E	3.8	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	(N.K.)			.08	.08	.08			
17-606	12.124	B	NK	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED				.17	.25	.51			
18-607	12.124	E	5.1	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED				.11	.14	.14			
19-608	12.125	A	4.4	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED				.17	.14	.31			

COMPILED
By

STRUCTURAL RESPONSE PROGRAM

DATE: 10-15-74
HOUSE 2-5-5

PHASE 2-B				ACCELEROMETERS (g)												DISPLACEMENT (10 ⁻³ in.)								
2-1-65	Run	Time	Acc	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9
70-609	12	124	P	3.7	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	(N.A.)	.08	.05	.09					
71-610	12	132	A	4.7	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED		.11	.14	.29					
72-611	12	132	P	3.5	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED		.08	.05	.15					
73-612	12	132	A	5.5	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED		.20	.20	.60					
74-613	12	137	OR	4.2	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED		.22	.15	.31					
75-614	12	139	C	4.1	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED		.09	.11	.31					
76-615	12	139	E	9.6	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED		.12	.14	.16					
77-616	12	139	C	4.6	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED		.08	.11	.42					
78-617	12	136	G	6.6	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED		.12	.14	.34					
79-618	12	132	A	6.7	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED		.05	.19	.12					
80-619	12	132	D	5.0	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED		.06	.22	.17					
81-620	12	124	H	4.7	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED		.06	.19	.14					
END																								

COMPILED
By

STRUCTURAL RESPONSE PROGRAM

DATE: 10-15-74
HOUSE 2-5-5

PHASE 2-B				ACCELEROMETERS (g)												DISPLACEMENT (10 ⁻³ in.)								
2-2-65	Run	Time	Acc	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9
1-621	12	127	A	4.1	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	.22	.10	.54	.09	.08	.14			
2-622	12	127	M	4.8	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	.24	.24	.60	.11	.08	.09			
3-623	12	126	A	11.4	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	.34	.12	.50	.14	.12	.35			
4-624	12	119	E	4.7	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	.40	.80	.60	.08	.15	.23			
5-625	12	123	E	6.3	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	.44	.52	.32	.06	.11	.12			
6-626	12	124	B	4.7	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	.40	.48	.56	.14	.15	.42			
7-627	12	121	C	5.1	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	.50	.16	.62	.11	.09	.37			
8-628	12	125	G	4.6	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	.76	.80	.60	.11	.20	.16			
9-629	12	125	C	4.6	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	.40	.54	.60	.09	.13	.09			
10-630	12	123	D	6.0	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	.40	.68	.56	.05	.15	.15			
11-631	12	127	M	4.4	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	.58	.90	.58	.15	.23	.23			
12-632	12	127	D	NR	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	.28	.84	.74	.06	.17	.19			
13-633	12	116	E	3.2	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	.120	.146	.140	.19	.31	.46			
14-634	12	116	A	4.5	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	.24	.48	.44	.11	.12	.17			
15-635	12	124	P	4.8	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	(N.A.)	(N.A.)							
16-636	12	125	P	5.6	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	.56	.12	.66	.11	.08	.40			
17-637	12	125	A	4.5	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	.26	.34	.12	.20	.15	.62			
18-638	12	124	P	3.0	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED				.05	.05	.06			
19-639	12	126	G	3.7	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED	NOT REDUCED				.11	.11	.19			

COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE: 10-13-74
HOUSE 2-3-5

PHASE 2-B			ACCELEROMETERS (g)												DISPLACEMENT (10 ⁻³ in)								
Run	Time	Sec	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	1	2	3			
20-644	12.124	M	3.4	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	(NR)			.08	.26	.16			
21-645	12.125	B	3.7	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED				.08	.09	.28			
22-646	12.126	D	4.5	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED				.08	.15	.19			
23-647	12.127	G	3.2	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED				.05	.09	.09			
24-648	12.128	H	NR	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED				.08	.20	.11			
25-649	12.129	A	4.6	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED				.14	.17	.25			
26-646	12.121	A	4.3	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED				.17	.15	.37			
27-647	12.125	G	NR	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED				.09	.23	.55			
28-648	12.128	A	4.9	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED				.11	.09	.26			
29-649	12.129	B	4.2	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED				.11	.12	.26			
30-650	12.128	A	4.6	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED	REDUCED				.20	.16	.25			
End																							

COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE: 10-13-74
HOUSE 2-3-5

PHASE 2-B				ACCELEROMETERS (g)												DISPLACEMENT											
2-3-65				Free Fall	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	1	2	3					
Run	Alt	Wind	Dir	Time	1000 ft/sec	1000 ft/sec	1000 ft/sec	1000 ft/sec	1000 ft/sec	1000 ft/sec	1000 ft/sec	1000 ft/sec	1000 ft/sec	1000 ft/sec	1000 ft/sec	1000 ft/sec	1000 ft/sec	1000 ft/sec	1000 ft/sec	1000 ft/sec	1000 ft/sec	1000 ft/sec	1000 ft/sec	1000 ft/sec	1000 ft/sec		
1-651	12	123	G	0.9	0.55	1.06	0.91	1.41	2.97	0.62	2.09	1.26	NR	NR	3.57	NR	(NR)	(NR)									
2-652	12	124	G	0.9	0.37	0.56	0.47	1.13	1.41	0.64	2.09	1.30			2.28		28.60	-0	0.9	0.9	1.5						
3-653	12	124	G	5.0	0.48	1.02	1.02	1.41	2.29	0.17	2.55	1.2			2.78		80.70	56	1.4	1.7	1.7						
4-654	12	125	G	4.7	0.33	0.69	0.51	0.29	0.85	0.52	1.43	1.35			2.76		30.68	20	0.9	1.1	2.0						
5-655	11.5	122	G	5.6	0.74	1.06	1.10	1.76	4.47	0.17	2.79	2.14			4.18		26.80	64	(NR)								
6-656	12	125	G	5.7	0.46	0.71	0.71	1.03	1.75	1.35	2.55	1.34			2.76		50.66	34									
7-657	11.95	123	G	4.0	0.33	0.65	0.51	1.02	0.97	0.50	1.20	0.96			2.68		44.70	66	1.2	1.5	8.4						
8-658	12	125	G	4.5	0.54	0.92	0.87	1.27	2.55	0.79	3.08	1.52			2.22		46.66	30	0.8	1.1	1.5						
9-659	12	122	F	6.0	0.62	0.81	0.74	0.47	3.42	0.58	1.52	0.68			2.73		(NR)	(NR)									
10-660	12	123	B	5.1	0.82	0.71	0.67	1.13	1.67	0.48		2.25			2.69		46.70	66	1.4	1.6	2.3						
11-661	12	124	A	5.1	0.46	0.69	0.47	1.11	0.87	0.42	0.78	0.56			2.68		40.12	45	1.5	1.1	3.2						
12-662	11	115	F	4.0	0.62	0.79	0.31	0.75	0.28	0.46	1.84	0.79			5.12		(NR)	(NR)									
13-663	12	121	A	5.1	0.46	0.71	0.24	0.55	0.73	0.42	2.08	0.50			3.41		44.24	50	1.2	1.1	2.5						
14-664	12	121	A	5.0	0.84	0.71	0.35	0.54	0.45	0.42	1.92	0.68			3.97		(NR)		0.8	1.1	1.5						
15-665	12	125	G	4.9	0.33	0.69	0.51	1.78	2.48	0.62	2.23	1.97			2.69				1	1.9	1.1						
16-666	12	120	F	4.9	0.25	0.42	1.10	1.64	1.65	0.50	2.16	1.75			2.64				0.9	2.0	1.9						
17-667	11.95	126	C	4.6	0.29	0.49	1.10	1.13	1.46	0.54	1.52	1.35			1.92				0.6	0.8	1.2						
18-668	12	121	D	6.0	0.37	0.54	1.02	1.69	0.57	1.46	1.79	1.68			1.96				0.8	1.4	1.2						
19-669	12	125	G	5.7	0.64	1.06	0.38	1.89	3.24	0.62	2.82	1.26			4.4				1.2	1.7	1.2						

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STRUCTURAL RESPONSE PRINCIPLE

COMPILED
By _____

DATE-10/5/77
HOUR-2-15

[illegible]

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

INTEL 30652-7-65
HOUSE 2-5-5.

PHASE 2-B				ACCELEROMETER												DISPLACEMENT (10 ⁻³ in.)											
2-4-65				FIELD	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	1	2	3					
RUN	TIME	LOC	ACC	TYPE	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	1	2	3					
1-681	9.7	120	C	6.5	.089	.095	.064	.124	.183	.070	.185	.141	NR	NR	.291	NR	(NR)	(NR)									
2-682	9.7	120	D	6.3	.084	.099	.056	.171	.350	.046	.175	.194			.219		.114	.11									
3-683	9.7	121	G	3.0	.066	.120	.103	.181	.484	.073	.182	.183			.422		.10	.18	.80	.17	.20						
4-684	9.7	120	H	6.1	.089	.064	.093	.157	.373	.073	.186	.112			.242		.12	.10	.90	.12	.20						
5-685	9.7	121	C	6.1	.074	.113	.064	.133	.200	.067	.232	.166			.287		.12	.20	.74	.06	.35						
6-686	9.7	120	D	6.4	.062	.092	.106	.200	.292	.039	.311	.124			.242		.12	.14	.10	.15	.14						
7-687	9.7	120	F	6.7	.062	.145	.023	.076	.674	.081	.185	.067			.388		.16	.32	.68	.15	.25						
8-688	9.7	119	E	5.0	.072	.109	.106	.214	.409	.082	.265	.228			.389		.12	.14	.70	.15	.19						
9-689	9.7	120	F	7.6	.049	.095	.086	.105	.173	.062	.232	.072			.392		.12	.18	.56	.12	.22						
10-690	9.7	120	E	5.7	.037	.081	.053	.114	.178	.046	.165	.100			.431		.12	.18	.66	.14	.12						
11-691	9.7	120	F	6.3	.058	.127	.026	.057	.446	.070	.152	.059			.365		.12	.18	.60	.09	.22						
12-692	9.7	121	E	6.1	.053	.120	.041	.200	.356	.050	NR	.155			.304		.12	.18	.20	.17	.26						
13-693	9.7	114	SE	6.0	.070	.116	.123	.248	.507	.081	.298	.183			.388		.12	.18	.74	.20	.12						
14-694	9.7	120	H	6.6	.059	.125	.136	.206	.736	.077	.212	.200			.295		.12	.18	.100	.20	.20						
15-695	9.7	121	C	6.1	.058	.121	.076	.147	.242	.085	.185	.161			.257		.12	.18	.54	.08	.26						
16-696	9.7	119	D	6.3	.064	.121	.096	.214	.434	.058	.324	.228			.277		(NR)	(NR)		.12	.22						
17-697	9.7	120	SE	6.2	.070	.116	.106	.204	.668	.070	.161	.166			.571		.12	.18	.74	.15	.21						
18-698	9.7	121	H	5.3	.041	.078	.103	.223	.243	.052	.192	.183			.253		.12	.18	.74	.08	.25						
19-699	9.7	118	A	5.4	.073	.060	.063	.100	.119	.050	.195	.105			.241		.12	.18	.74	.08	.25						

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COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE: JUL 27-65
HOUSE 2-5-5

PHASE 2-B			ACCELEROMETERS												DISPLACEMENT (10 ⁻² in)								
Run	Sec	Dir	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	
20-701	9.7	1.1	E	6.0	0.57	0.21	0.05	0.00	0.00	0.05	0.21	0.05	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
21-701	9.7	1.2	E	5.2	0.70	0.20	0.00	0.00	0.00	0.05	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
22-702	9.7	1.2	F	5.2	0.70	0.20	0.07	0.76	0.67	0.67	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
23-702	9.7	1.2	E	6.2	0.62	0.28	0.22	0.71	0.83	0.67	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
24-704	9.7	1.2	F	6.4	0.54	0.25	0.04	0.01	0.27	0.54	0.57	0.00	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
25-705	9.7	1.2	E	6.2	0.73	0.27	0.22	0.62	0.45	0.67	0.99	0.44	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
26-706	9.7	1.2	D	4.2	0.45	0.25	0.04	0.24	0.29	0.31	0.02	0.33	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
27-707	9.5	1.2	E	4.3	0.45	0.78	0.00	0.67	0.16	0.15	0.12	0.11	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
28-708	9.7	1.2	E	4.9	0.45	0.71	0.16	0.25	0.12	0.12	0.17	0.12	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
29-709	9.7	1.2	E	6.7	0.62	0.20	0.03	0.11	0.24	0.27	0.17	0.12	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
30-710	9.7	1.2	F	5.5	0.27	0.60	0.20	0.62	0.10	0.05	0.17	0.13	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	
End																							

COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE: JUL 27-65
HOUSE 2-5-5

PHASE 2-B			ACCELEROMETERS (9)												DISPLACEMENT (10 ⁻² in.)									
Run	Time	Sec	Free Fall	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	1	2	3			
1-711	9.7	1.2	E	9.2	0.70	0.58	0.55	0.32	0.00	NR	NR	NR	NR	NR	NR	(1.1)	(1.1)	(1.1)	(1.1)	(1.1)	(1.1)			
2-712	9.7	1.2	F	9.2	0.70	0.58	0.55	0.32	0.00	NR	NR	NR	NR	NR	NR	(1.1)	(1.1)	(1.1)	(1.1)	(1.1)	(1.1)			
3-713	9.7	1.2	E	9.2	0.70	0.58	0.55	0.32	0.00	NR	NR	NR	NR	NR	NR	60	100	90	35	37	85			
4-714	9.7	1.2	A	9.0	0.66	0.18	0.65	0.45	0.20	0.48	NR	NR	NR	NR	NR	32	40	92	22	29	28			
5-715	9.7	1.2	E	9.7	0.64	0.28	0.62	0.35	0.36	0.84	NR	NR	NR	NR	NR	90	92	90	17	25	28			
6-716	9.7	1.2	F	9.5	0.80	0.35	0.55	0.32	0.36	0.84	NR	NR	NR	NR	NR	124	34	112	19	29	39			
7-717	9.7	1.2	E	10.3	0.80	0.35	0.55	0.32	0.36	0.84	NR	NR	NR	NR	NR	110	128	136	29	34	46			
8-718	9.7	1.2	E	9.4	0.74	0.17	0.52	0.45	0.40	1.10	NR	NR	NR	NR	NR	164	150	125	23	42	40			
9-719	9.7	1.2	E	9.4	0.74	0.17	0.52	0.45	0.40	1.10	NR	NR	NR	NR	NR	80	118	74	19	23	57			
10-720	9.7	1.2	D	9.5	0.66	0.17	0.38	0.42	0.52	0.30	NR	NR	NR	NR	NR	64	44	80	15	34	49			
11-721	9.7	1.2	E	9.9	0.20	0.12	0.68	0.39	0.77	0.25	NR	NR	NR	NR	NR	104	124	124	26	39	40			
12-722	9.7	1.2	E	11.1	0.82	0.57	0.09	0.26	0.37	0.16	NR	NR	NR	NR	NR	28	160	124	23	40	54			
13-723	9.7	1.2	A	10.7	0.98	0.71	0.23	0.14	0.10	0.04	NR	NR	NR	NR	NR	64	28	60	28	31	82			
14-724	9.7	1.2	B	9.2	0.90	0.17	0.16	0.26	0.27	0.41	NR	NR	NR	NR	NR	64	82	100	31	32	108			
15-725	9.7	1.2	F	10.5	0.14	0.21	0.27	0.12	0.24	0.53	NR	NR	NR	NR	NR	124	100	100	19	17	22			
16-726	9.7	1.2	E	0.6	0.16	0.30	0.09	0.34	0.44	0.87	NR	NR	NR	NR	NR	(1.1)	(1.1)	(1.1)	(1.1)	(1.1)	(1.1)			
17-727	9.7	1.2	A	0.3	0.61	0.18	0.14	0.12	0.13	0.65	NR	NR	NR	NR	NR	52	52	66	25	19	57			
18-728	9.7	1.2	B	10.0	0.66	0.17	0.12	0.26	0.28	0.41	NR	NR	NR	NR	NR	(1.1)	(1.1)	(1.1)	42	39	124			
19-729	9.7	1.2	C	0.9	0.70	0.16	0.12	0.27	0.28	0.60	NR	NR	NR	NR	NR	(1.1)	(1.1)	(1.1)	17	22	57			
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COMPILED
BY

STRUCTURAL RESPONSE PROGRAM

DATE 10-15-77-65
HOUSE 2-3-3

PHASE 2-B			ACCELEROMETERS (9)												DISPLACEMENT (10 ⁻² in)								
Run	Time	Sec	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9
20-734	8.1	120	11.2	13.7	12.7	16.8	12.5	14.8	31.1	22.2					1.06	31	31						
21-731	8.1	120	11.2	13.7	12.7	16.8	12.5	14.8	31.1	22.2					1.06	29	39						
22-734	8.1	120	11.2	13.7	12.7	16.8	12.5	14.8	31.1	22.2					1.06	43	63						
23-734	8.1	120	11.2	13.7	12.7	16.8	12.5	14.8	31.1	22.2					1.06	26	68						
24-734	8.1	120	11.2	13.7	12.7	16.8	12.5	14.8	31.1	22.2					1.06	25	26						
25-725	8.1	119	11.2	13.7	12.7	16.8	12.5	14.8	31.1	22.2					1.06	19	15						
26-725	8.1	119	11.2	13.7	12.7	16.8	12.5	14.8	31.1	22.2					1.06	14	26						
27-725	8.1	120	11.2	13.7	12.7	16.8	12.5	14.8	31.1	22.2					1.06	19	25						
28-725	8.1	120	11.2	13.7	12.7	16.8	12.5	14.8	31.1	22.2					1.06	23	23						
29-725	8.1	119	11.2	13.7	12.7	16.8	12.5	14.8	31.1	22.2					1.06	22	39						
30-740	8.1	120	11.2	13.7	12.7	16.8	12.5	14.8	31.1	22.2					1.06	15	17						
End																							

COMPILED
BY

STRUCTURAL RESPONSE PROGRAM

DATE 10-15-77-65
HOUSE 2-3-3

PHASE 2-B			ACCELEROMETERS (9)												DISPLACEMENT (10 ⁻² in)								
Run	Time	Sec	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9
1-741	7.2	120	11.2												1.06								
2-742	7.2	120	11.2												1.06								
3-743	7.2	122	11.3												1.06								
4-744	7.3	121	10.9												1.06								
5-745	7.3	120	10.8												1.06								
6-746	7.3	120	10.8												1.06								
7-747	7.3	121	11.3												1.06								
8-748	7.3	120	10.7												1.06								
9-749	7.3	119	10.6												1.06								
10-750	7.3	119	10.3												1.06								
11-751	7.3	119	10.9												1.06								
12-752	7.3	120	10.9												1.06								
13-753	7.3	120	9.7												1.06								
14-754	7.3	110	12.4												1.06								
15-755	7.3	119	10.5												1.06								
16-756	7.3	120	11.1												1.06								
17-757	7.3	120	11.3												1.06								
18-758	7.3	119	12.2												1.06								
19-759	7.3	120	12.3												1.06								

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COMPILED
By _____

STRUCTURAL RESPONSE REPORT

DATE: 30.12.7-45
HOUSE: 2-5-5

PHASE 2-B				ACCELEROMETERS (9)												DISPLACEMENT (10 ⁻² in.)								
Run	Time	Sec	Hz	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9
20-764	7.2	119	M	0.7												(N.R.)	.20	.34	.13					
21-764	7.2	120	C	1.4													.28	.26	.05					
22-764	7.2	119	D	0.1													.12	.25	.31					
23-764	7.2	120	G	1.2													.28	.39	.54					
24-764	7.2	117	H	1.7													.26	.39	.85					
25-764	7.2	120	F	0.5													.14	.12	.19					
26-764	7.2	120	E	-													.17	.31	.49					
27-764	7.2	120	A	10.0													.42	.31	.94					
28-764	7.2	120	B	-													.35	.31	.85					
29-764	7.2	120	F	10.4													.15	.15	.25					
30-770	7.2	123	G	1.4													.23	.35	.54					
End																								

COMPILED
By _____

STRUCTURAL RESPONSE REPORT

DATE: 30.12.7-45
HOUSE: 2-5-5

PHASE 2-B				ACCELEROMETERS (9)												DISPLACEMENT (10 ⁻² in.)								
Run	Time	Sec	Hz	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9
1-771	6.0	120	M	1.2	(NOT RECORDED)												(N.R.)	(N.R.)						
2-772	6.0	119	M	1.2																				
3-773	6.0	120	F	1.5													.22	.20	.29					
4-774	6.0	119	M	1.5													.20	.15	.29					
5-775	6.0	120	F	1.6													.20	.17	.20					
6-776	6.0	118	F	0.3													.13	.12	.22					
7-777	6.0	120	F	12.6													.17	.17	.57					
8-778	6.0	120	F	11.2													.17	.14	.20					
9-779	6.0	119	A	12.9													.54	.60	.146					
10-780	6.0	119	A	14.3													.39	.32	.108					
11-781	6.0	120	F	13.2													.17	.15	.26					
12-782	6.0	119	M	14.1													.23	.22	.26					
13-783	6.0	120	F	10.3													.31	.35	.117					
14-784	6.0	119	D	13.7													.62	.31	.154					
15-785	6.0	120	F	14.3													(N.R.)							
16-786	6.0	120	F	14.9													.15	.19	.37					
17-787	6.0	119	F	14.5													-	.63	.185					
18-788	6.0	119	A	12.7													-	.46	.153					
19-789	6.0	119	F	13.7													.14	.15	.20					

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STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE 12-9-68
HOUSE PF-6

PHASE 2-A				DISPLACEMENT																			
12-9-68				7	8	9	10																
RUN	AL	LEN	LOC	AVG	STDEV	STDEV	STDEV																
1-416	7.0	12	A	6.1	1.1	25	16	1.75															
2-417	7.0	12	F	7.2		57	18	1.70															
3-418	7.0	12	A	8.5				1.39															
4-419	6.9	12	C	9.6		48		1.58															
5-420	7.0	12	F	7.5		162	144	1.60															
6-421	7.0	12	D	9.7		52	20	.19															
7-422	7.0	12	A	9.0		102	118	1.21															
8-423	7.0	12	D	8.6		131	108	1.18															
9-424	7.1	125	E	10.5		36	16	1.33															
10-425	6.9	122	A	10.0		116	96	.98															
11-426	7.0	122	E	7.1		46	34	2.48															
12-427	7.0	115	F	9.1		58	32	1.91															
13-428	7.1	120	A	11.7		87	54	1.28															
14-429	7.2	12	F	7.9		167	102	1.28															
15-430	7.0	12	C	10.7		118	71	1.20															
16-431	7.0	12	D	13.5		26	22	1.90															
17-432	7.0	119	C	14.6		52	24	1.50															
18-433	7.0	12	A	8.1		29	12	1.61															
19-434	7	121	F	8.0																			

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE 12-9-68
HOUSE PF-6

PHASE 2-A				DISPLACEMENT																			
12-9-68				7	8	9	10																
RUN	AL	LEN	LOC	AVG	STDEV	STDEV	STDEV																
20-435	7.0	12	A	8.1																			
21-436	7.0	12	F	14.0																			
22-437	7.0	117	D	7.7																			
23-438	7.0	118	E	10.8																			

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE 12-9-64
HOUSE PE-6

PHASE 2-A				DISPLACEMENT													
12-10-64				7	8	9	10										
RUN	AL	NEW	LOC	OK	7	8	9	10									
1-443	65	13	A														
2-444	65	12	F														
3-445	65	115	C														
4-446	65	12	F														
5-447	65	118	C														
6-448	65	110	D														
7-449	65	119	A														
8-450	65	118	D														
9-451	65	12	E														
10-452	65	111	A														
11-453	65	111	E														
12-454	65	111	F														
13-455	65	11	A														
14-456	65	11	F														
15-457	65	116	C														
16-458	65	110	D														
17-459	65	115	C														
18-460	8.0	12	A														
19-461	65	11	F														

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE 12-9-64
HOUSE PE-6

PHASE 2-A				DISPLACEMENT													
12-10-64				7	8	9	10										
RUN	AL	NEW	LOC	OK	7	8	9	10									
20-462	65	111	A														
21-463	65	11	E														
22-464	65	11	D														
23-465	65	11	E														

COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE 12-9-64
House PE-1

PHASE 2-A				DISPLACEMENT																			
12-14-64				7	8	9	10																
RUN	TIME	LOAD	TYPE	7	8	9	10																
1-556	12	128	D	70	21	09	78																
3-557	12	128	F	91	30	18	50																
5-558	119	128	D	72	21	09	76																
7-559	12	125	D	48	57	27	64																
9-560	12	127	E	65	57	46	80																
11-561	12	128	D	55	72	39	76																
13-562	12	13	C	115	48	18	72																
15-563	12	13	F	90	76	32	65	50															
17-564	12	13	C	73	-	-	-	-															
19-565	12	125	D	50	55	95	70	66															
21-566	118	125	H	30	48	86	40	70															
23-567	113	125	D	31	48	80	51	60															
25-568	121	13	E	25	-	-	-	-															
27-569	12	13	D	36	-	-	-	-															
29-570	12	13	E	34	-	-	-	-															
31-571	12	124	F	42	105	32	70																
33-572	12	124	D	30	72	14	15	60															
35-573	12	125	F	33	81	25	07	60															
37-574	12	13	H	31	91	72	51	60															

COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE 12-9-64
House PE-6

PHASE 2-A				DISPLACEMENT																			
12-14-64				7	8	9	10																
RUN	TIME	LOAD	TYPE	7	8	9	10																
20-575	12	128	D	32	43	76	46	60															
21-576	12	13	H	32	36	72	43	50															
22-577	12	13	D	33	96	19	09	78															
23-578	12	13	F	32	96	30	76																
24-579	12	13	D	19	70	19	05	70															
25-580	115	128	D	36	55	57	25	80															
26-581	12	125	E	31	53	55	40	80															
27-582	12	13	D	36	60	51	28	80															
28-583	12	124	C	28	48	40	21	56															
29-584	12	125	F	32	103	36	10	70															
30-585	12	126	C	29	81	30	12	52															
31-586	118	126	D	31	50	70	51	60															
32-587	118	126	H	30	48	86	51	50															
33-588	12	126	D	31	43	72	36	60															
34-589	12	126	E	29	50	57	41	70															
35-590	12	127	D	29	48	57	25	76															
36-591	12	130	E	30	67	57	40	80															

STRUCTURAL RESPONSE PROGRAM

COMPILED
BY

DATE 12-9-69
HOUSE PE-6

PRIME 2-A				DISPLACEMENT													
12-15-69				7	8	9	10										
TIME	ALT	LOC	DIR	7	8	9	10										
1-592	12	115	F	78	36	0	31										
2-593	12	117	A	55	36	12	95										
3-594	115	150	F	100	36	07	63										
4-595	105	130	D	75	95	70	130										
5-596	105	130	H	60	75	100	77										
6-597	105	130	D	68	75	07	63										
7-598	105	121	A	45	75	38	105										
8-599	105	123	F	30	107	36	67										
9-600	105	126	A	36	70	17	103										
10-601	112	122	B	28	50	79	80										
11-602	105	120	E	36	83	67	105										
12-603	105	120	B	61	73	91	97										
13-604	105	120	C	36	100	60	60										
14-605	105	120	F	37	100	30	67										
15-606	105	121	C	42	100	38	67										
16-607	105	115	D	47	65	75	59										
17-608	105	116	H	50	35	95	48										
18-609	105	120	D	40	53	80	80										
19-610	105	127	E	-	-	-	-										

STRUCTURAL RESPONSE PROGRAM

COMPILED
BY

DATE 12-9-69
HOUSE PE-6

PRIME 2-A				DISPLACEMENT													
12-15-69				7	8	9	10										
TIME	ALT	LOC	DIR	7	8	9	10										
20-611	105	125	B	45	-	-	-										
21-612	105	125	E	43	-	-	-										
22-613	105	125	F	37	105	50	50										
23-614	105	120	A	50	75	38	97										
24-615	100	121	F	38	118	36	80										

COMPILED
By

STRUCTURAL RESPONSE PROGRAM

DATE 11/11/84
HOUSE PF-6

PHASE 2-B				DISPLACEMENT (10 ⁻² in)											
Run	Time	Sec	Sec	7	8	9	10	11	12						
1-16-65	11.5	1.3	C	-	-	-	-	-	-						
2-22	11.8	1.3	G	6.1	129	229	112	-	1365						
3-23	11.5	1.4	C	6.0	129	157	152	227	-	620					
4-24	12.1	1.3	S	6.0	129	100	101	151	-	587					
5-25	12.1	1.3	H	6.0	129	157	152	202	-	605					
6-26	12.1	1.3	S	6.5	143	121	129	126	-	431					
7-27	11.7	1.2	E	6.5	272	262	286	227	-	970					
8-28	12.1	1.3	B	5.6	109	140	272	126	-	1079					
9-29	12.1	1.3	E	6.2	115	262	329	200	-	1085					
10-30	11.7	1.2	F	6.8	129	262	143	391	-	1659					
11-41	11.6	1.2	A	9.0	129	236	143	232	-	837					
12-42	12.1	1.3	F	5.0	109	262	129	316	-	2399					
13-43	12.1	1.3	G	7.6	100	121	115	103	-	1079					
14-44	12.1	1.3	-	7.3	129	121	286	200	-	699					
15-45	25.1	1.3	F	0.0	144	144	144	150	NK	715	13-58				
16-46	25.1	1.3	F	5.1	144	144	150	229	NK	501	13-59				
17-47	25.1	1.3	F	9.5	144	144	150	244	144	144	13-59				
18-48	25.1	1.3	F	6.0	144	144	150	250	144	144	13-59				
19-49	25.1	1.3	F	2.9	144	144	150	200	144	144	13-59				

COMPILED
By

STRUCTURAL RESPONSE PROGRAM

DATE 11/11/84
HOUSE PF-6

PHASE 2-B				DISPLACEMENT (10 ⁻² in)											
Run	Time	Sec	Sec	7	8	9	10	11	12						
20-50	12.1	1.3	H	5.5	129	105	206	139	-	105					
21-51	11.9	1.3	D	8.7	129	116	315	113	-	491					
22-52	12.1	1.3	H	0.0	129	112	105	-	341						
23-53	12.1	1.3	A	5.5	109	121	107	126	-	620					
24-54	12.1	1.3	E	6.8	100	157	106	328	-	1625					
25-55	12.1	1.3	A	8.0	100	116	129	126	-	620					
26-56	12.1	1.3	-	5.0	109	100	143	139	-	791					
27-57	12.1	1.3	-	9.3	129	209	272	265	-	1085					
28-58	12.1	1.3	-	5.5	110	183	157	199	-	906					
29-59	12.1	1.3	-	6.2	129	121	226	256	-	710					
30-60	12.1	1.3	-	5.8	100	116	353	325	-	1085					
31-61	12.1	1.3	-	6.3	110	121	210	202	-	107					
32-62	12.1	1.3	-	6.0	115	102	315	139	-	543					
33-63	12.1	1.3	-	6.0	129	116	258	136	-	1085					
34-64	12.1	1.3	-	7.6	103	105	315	140	-	151					
End															

D-81

COMPILED
BY

STRUCTURAL RESPONSE PROGRAM

DATE 11/15/84
HOUSE PF-6

PHASE 2-B				DISPLACEMENT (10 ⁻² in)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall Face	Wall 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COMPILED
BY

STRUCTURAL RESPONSE PROGRAM

DATE 11/15/84
HOUSE PF-6

Phase 2-B				DISPLACEMENT (10-2 in)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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STRUCTURAL RESPONSE PROGRAM

COMPILED
BY

DATE 11/15/74
HOUSE PE-6

PHASE 2-B				DISPLACEMENT (10 ⁻² in)							
RUN	RT	LOC	LOC	AV	7	8	9	10	11	12	
1-13-65											
1-53	12	124	G	5.9	076	057	260	195	165	616	
2-56	12	124	G	5.6	670	128	168	139	212	416	
3-97	12	125	G	2.8							
4-98	12	125	H	6.0	025	099	291	125	171	078	
5-99	12	125	R	5.0							
6-100	11.9	115	H	5.1							
7-101	12	124	A	5.4							
8-102	12.1	122	F	5.8	005	128	138	195	303	1069	
9-103	12	125	A	6.3	010	102	122	139	1826	320	
10-104	11.9	121	F	4.8	030	128	137	125	219	324	
11-105	12	102	F	5.1	091	129	132	139	918	720	
12-106	12	125	L	5.3	030	102	113	125	2295	370	
13-107	12	125	C	5.6	030	057	205	167	2295	350	
14-108	12	125	G	4.5	071	043	306	195	1056	600	
15-109	12	125	C	6.7	030	071	168	195	1699	078	
16-110	12	126	H	5.1	060	128	106	139	198	467	
17-111	12	125	D	5.9	061	109	306	195	206	432	
18-112	12	128	L	5.1	106	128	686	250	2151	193	
19-113	11.8	128	F	4.5	176	102	153	264	102	796	

STRUCTURAL RESPONSE PROGRAM

COMPILED
BY

DATE 11/15/74
HOUSE PE-6

PHASE 2-B				DISPLACEMENT (10 ⁻² in)							
RUN	RT	LOC	LOC	AV	7	8	9	10	11	12	
20-114	11.7	120	13	6.0	045	170	153	153	202	770	
21-115	12	120	E	8.7	060	227	153	106	1255	928	
22-116	12	124	F	5.2	030	102	107	278	597	1060	
23-117	12.1	125	A	6.6	018	156	077	167	1850	536	
24-118	12	125	F	6.2	045	201	199	617	1070	168	
25-119	12	125	G	6.6	121	071	367	285	530	862	
26-120	11.9	134	C	6.2	060	102	291	167	2002	770	
27-121	12.1	125	G	5.1	136	063	291	131	1101	632	
28-122	11.5	122	D	8.0	136	128	337	260	2516	600	
29-123	12	127	H	5.7	121	128	337	125	2002	308	
30-124	12	124	S	6.2	136	099	306	139	1680	562	
End											

COMPILED
BY

STRUCTURAL RESPONSE PROGRAM

DATE: 1/15/84
HOUSE: PF-1

PHASE 2-B				DISPLACEMENT (10 ⁻² in)																			
				7	8	9	10	11	12														
RUN	TIME	TYPE	AM	7	8	9	10	11	12														
1-125	12.125	F	6.0	157	157	112	230	550	871														
2-126	25.126	F	7.9	118	118	112	230	550	871														
3-127	38.127	A	7.2		013	018	023	028	162														
4-128	12.128	B	6.1	028	100	150	115	1965	062														
5-129	12.129	E	4.8	057	157	160	230	917	840														
6-130	11.130	12	5.2	010	100	140	115	079	077														
7-131	12.131	C	6.2	057	131	210	232	2097	622														
8-132	12.132	C	6.0	043	118	167	232	2290	810														
9-133	11.133	C	8.1																				
10-134	12.134	D	6.9	128	118	290	173	1965	616														
11-135	11.135	11	5.1	118	118	308	115	1001	620														
12-136	11.136	12	6.5	113	121	280	176	2019	672														
13-137	25.137	E	5.7	011	019	140	016	1020	714	12	55												
14-138	25.138	F	3.9	026	009	100	100	81	626	12	58												
15-139	11.139	E	10.9	079	118	182	253	1205	1120														
16-140	25.140	E	3.7	008	019	112	218	122		12	60												
17-141	12.141	12	5.1	028	131	150	115	017	630														
18-142	25.142	E	3.1	008	052	120		016	522	1	61												
19-143	12.143	12	6.8	008	183	150	230	860	980														

COMPILED
BY

STRUCTURAL RESPONSE PROGRAM

DATE: 1/15/84
HOUSE: PF-6

PHASE 2-B				DISPLACEMENT, (10 ⁻² in)																			
				7	8	9	10	11	12														
RUN	RT	TYPE	VAL	7	8	9	10	11	12														
20-144	25.135	E	3.5	157	157	112	230	550	871	702	12.55												
21-145	30.140	F	7.0	118	113	110	106	328	280														
22-146	30.13	F	1.6	118	126	110	106	310	620														
23-147	22.14	F	7.2	-	113	110	135	275	268														
24-148	12.142	A	5.6	110	109	156	115	141	546														
25-149	11.9121	2	5.1																				
26-150	12.111	C	5.9																				
27-151	12.2121	1	6.7	156	105	620	339	1611	196														
28-152	12.122	11	6.5	158	204	263	108	1312	210														
29-153	12.128	12	6.6	202	118	230	173	2051	687														
30-154	12.12	11	5.9	157	118	290	115	1965	392														
31-155	12.122	12	5.7	110	131	123	12	1965	607														
32-156	12.123	E	7.9	155	131	140	207	721	1331														
33-157	12.128	A	6.4	110	157	128	173	1535	168														
End																							

D-84

STRUCTURAL RESPONSE PROGRAM

COMPILED
BY

DATE 11/15/84
HOUSE PF-4

PHASE 2-B				DISPLACEMENT (10 ⁻² IN)											
1-20-85				7	8	9	10	11	12						
Run	AE	Node	Loc	AM	7	8	9	10	11	12					
1-150	12	120	C	5.7	110	269	227	125	280	720					
2-159	12	120	C	108	970	262	820	275	2311	840					
3-160	12	120	C	7.8	252	140	626	262	2112	250					
4-161	12	120	C	5.3	928	140	280	187	876	560					
5-162	20	120	F	2.0	918	276	819	500	282	711					
6-163	20	120	F	1.6	100	112	816	613	1123	907					
7-164	46	120	F	0.9	110	127	614	877	353	420					
8-165	118	120	F	6.5	192	105	280	125	1470	620					
9-166	118	120	F	7.8	242	108	213	185	1761	722					
10-167	12	120	C	6.7	126	140	526	225	1671	516					
11-168	165	120	C	18.3	166	262	376	300	1821	1245					
12-169	12	120	C	8.1	173	136	199	220	1541	352					
13-170	12	120	F	4.1	156	121	294	125	714	476					
14-171	12	120	F	6.7	174	222	152	375	510	641					
15-172	12	120	F	5.5	642	106	142	250	2579	860					
16-173	112	120	F	4.7	818	236	142	375	720	210					
17-174	12	120	F	5.5	146	131	269	375	400	260					
18-175	12	120	C	5.6	150	131	112	250	151	550					
19-176	12	120	C	7.8	150	697	126	375	210	160					

STRUCTURAL RESPONSE PROGRAM

COMPILED
BY

DATE 11/15/84
HOUSE PF-4

PHASE 2-B				DISPLACEMENT (10 ⁻² IN)											
1-21-85				7	8	9	10	11	12						
Run	AE	Node	Loc	AM	7	8	9	10	11	12					
1-177	12	120	H	5.2	112	236	620	120	2725	290					
2-178	12	120	D	6.1	112	131	290	120	1720	653					
3-179	12	120	H	6.8	126	288	620	248	620	551					
4-180	12	120	H	6.7	156	249	098	248	2395	580					
5-181	12	120	F	4.4	189	275	196	372	1604	1232					
6-182	12	120	D	4.4	120	160	070	236	2102	651					
7-183	12	120	D	5.3	128	236	266	1860	973	312					
8-184	12	120	F	4.8	189	249	250	236	941	312					
9-185	12	120	D	4.3	128	170	230	260	2202	711					
10-186	12	120	C	5.6	070	184	350	248	2450	841					
11-187	12	120	G	4.2	182	118	378	359	1450	1151					
12-188	12	120	G	0.70	262	820	397	2610	841						
13-189	25	120	F	2.5	128	131	160	815	715	609					
14-190	12	120	D	5.3	112	184	962	248	1891	661					
15-191	25	120	F	2.7	010	118	162	170	211	531					
16-192	12	120	H	3.5	040	118	620	161	1841	335					
17-193	25	120	F	0.65	118	160	230	128	653						
18-194	12	120	D	4.5	110	131	137	520	363						
19-195	25	120	F	2.8	110	131	137	520	363						

STRUCTURAL RESPONSE PROGRAM

COMPILED
BY

DATE 11/11/84
HOUSE PF-6

PHASE 2-B				DISPLACEMENT (10 ⁻¹ in)																		
1-21-65				7	8	9	10	11	12													
RUN	AGE	MODE	WAVE	NO.	PERIOD	PERIOD	PERIOD	PERIOD	PERIOD	PERIOD												
20-74	75	131	F	2.6	0.10	1.1	1.1	28	812	50												
21-77	75	135	A	2.5	0.10	1.31	0.27	120	7691	606												
22-78	75	136	F	3.2	0.22	1.31	1.0	2.13	725	530												
23-79	121	131	E	4.8	0.42	3.02	2.80	389	1102	1015												
24-700	12	130	G	4.9	0.28	2.75	6.04	322	8755	608												
25-731	12	130	E	5.3	1.26	2.62	6.06	248	1450	740												
26-762	75	135	F	4.6	0.02	2.09	150	3.72	1030	903												
27-763	121	130	D	4.5	0.70	1.84	4.62	372	1575	647												
28-766	75	132	F																			
29-765	12	130	E	3.7	0.56	1.57	6.20	223	1930	449												
30-766	75	133	F	2.5	0.10	1.18	0.95	268	725	540												
31-767	75	133	F	3.9	0.10	0.60	0.56	0.87	2560	435												
32-768	75	135	F		0.09	2.10	140	0.71	688	1088												
33-769	75	132	F	2.6	0.10	0.20	0.23	112	1540	218												
34-770	12	123	H	8.6	2.66	1.84	6.40	273	3025	580												
35-771	75	136	F	5.1	0.02	1.70	140	370	812	827												
36-772	12	128	L	7.6	1.26	1.97	5.60	236	1118	725												
37-773	75	134	A	2.9	0.10	1.18	0.28	112	1930	319												
38-774	75	132	F		0.28	1.31	1.40	208	940	986												

STRUCTURAL RESPONSE PROGRAM

COMPILED
BY

DATE 11/11/84
HOUSE PF-6

PHASE 2-B				DISPLACEMENT																			
1-21-65				7	8	9	10	11	12														
RUN	REF	MODE	WAVE	AVG	PERIOD M-S	PERIOD M-S	PERIOD M-S	PERIOD M-S	PERIOD M-S	PERIOD M-S													
40-26	12	130	G	6.9	1.40	0.19	3.48	1.11	15.8	608													
41-217	112	128	C	5.2	2.88	2.36	2.80	2.48	2663	163													
42-218	12	131	G	5.2	1.40	1.05	0.20	3.21	1407	510													
43-219	12	131	H	7.9	1.12	2.49	5.00	2.45	3194	503													
44-220	112	130	D	4.8	1.26	1.47	1.40	1.36	1181	531													
45-221	112	131	H	5.5	0.42	2.09	4.68	2.48	3221	435													

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STRUCTURAL RESPONSE PROGRAM

COUPLED

By _____

DATE 1-15-15 BY: RAL

Alfred P. S.

[illegible]

STANDARD RESPONSE PROGRAM

COMPILED

By _____

DATE: 12/15/2015

HOUSE PF-6

[illegible]

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STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE _____
HOUSE PF-6

Phase 2-B				DISPLACEMENT (10 ⁻² in)											
1-23-65				7	8	9	10	11	12						
RUN	REF	LOC	ACC	AVG	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
1-255	119	125	C		199	414	298	477	3778	355					
2-256	119	125	G	6.9	149	124	223	299	1200	815					
3-257	119	129	C	6.6	130	262	253	321	1800	592					
4-258	113	130	D	6.7	149	262	313	150	2160	829					
5-259	12	129	H	6.0	149	138	647	136	2360	429					
6-260	12	130	D	3.1	149	345	407	136	2085	578					
7-261	12	128	E	6.7	119	552	447	530	1050	918					
8-262	12	127	R	6.3	160	603	382	350	2563	740					
9-263	12	128	E	2.9	149	290	283	326	870	681					
10-264	12	130	R	3.7	130	249	268	177		459					
11-265	119	130	F	4.9	119	414	313	540	1069						
12-266	119	131	A	6.0	130	300	130	390	2790	740					
13-267	118	130	F	3.1	140	193	149	272	765	977					
14-268	25	136	F	2.8	145	183	189	150	750	592					
15-269	12	129	G	3.1	149	120	298	381	765	696					
16-270	25	135	F		145	276	130	340	2850	532					
17-271	12	129	C	3.8	149	331	378	530	3639	740					
18-272	25	136	F	6.1	175	207	149	381	1090	888					
19-273	12	126	G	5.7	250	193	467	530	1050	259					

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE _____
HOUSE PF-6

Phase 2-B				DISPLACEMENT (10 ⁻² in)											
1-23-65				7	8	9	10	11	12						
RUN	REF	LOC	ACC	AVG	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
20-274	25	139	A	2.7	115	138	136	1650	296						
21-275	25	135	F	2.8	130	138	149	350	915	740					
22-276	25	136	A	2.6	115	138	115	150	1100	326					
23-277	25	136	F	2.3	115	141	145	136	705	566					
24-278	24	135	A	3.1	115	138	115	123	1905	311					
25-279	12	126	H	5.2	149	138	492	259	289	600					
26-280	12	131	D	3.2	100	170	283	109	1425	444					
27-281	12	128	H	7.1	149	262	477	218	3600	410					
28-282	12	129	D	12.7	298	373	596	368	2925	888					
29-283	25	136	F	2.9	130	141	130	116	885	607					
30-284	25	136	A	2.1	115	135	130	123	1125	266					
31-285	12	129	R	3.3	160	359	313	272	2530	533					
32-286	25	136	F	2.6	130	155	145	189	915	636					
33-287	1205	129	E	6.6	119	538	403	540	1050	1036					
34-288	25	137	A	2.1	115	110	115	169	900	296					
35-289	12	129	R	4.2	130	538	462	369	3799	710					
36-290	25	137	F	0.9	115	122	610	173	655	666					
37-291	25	137	A	6.6	115	166	630	258	1875	844					
38-292	25	136	F	3.1	175	138	149	330	1200	533					

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DATE 1-15-51-10-12
HOUSE PF-6

[illegible]

DATE: 11/15/2018
HOUSE: PF-6

Phase 2-B				Displacement (10 ⁻² in.)												
1-24-65				7	8	9	10	11	12							
Run	Ref	Time	Vel	Acc	7	8	9	10	11	12						
1-305	12	122	F	48	110	370	145	381	362	818						
2-306	12	123	F	46	072	312	145	250	250	493						
3-307	12	120	F	42	036	260	181	381	725	987						
4-308	12	125	F	38	003	286	116	262	224	123						
5-309	12	122	G	49	148	039	290	229	1376	663						
6-310	12	122	C	66	072	260	290	318	2175	536						
7-311	12	120	G	45	172	104	300	250	1450	747						
8-312	12	120	C	66	110	260	181	292	2505	536						
9-313	12	125	H	48	003	260	049	140	2030	296						
10-314	12	126	D	50	157	275	290	140	1481	560						
11-315	12	125	H	62	129	275	049	127	2070	268						
12-316	12	126	D	45	143	286	121	216	1812	677						
13-317	12	120	F	66	079	275	145	242	2350	560						
14-318	12	124	F	53	086	377	246	470	812	1128						
15-319	12	126	F	36	029	260	145	250	2030	560						
16-320	12	121	R	61	129	390	435	355	2740	844						
17-321	12	120	E	57	129	417	435	368	1305	745						
18-322	1145	120	R	61	003	236	305	716	2175	560						
19-323	12	122	E	39	072	417	435	445	1521	745						

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COMPILED
BY

STRUCTURAL RESPONSE PROGRAM

DATE 1-21-65
HOUSE PE-6

PHASE 2-B				DISPLACEMENT (10 ⁻² in)											
1-25-65				7	8	9	10	11	12						
RUN	WT	WIND	WIND	OK	7	8	9	10	11	12					
26-324	12	123	C	6.1	043	417	435	363	1755	733					
27-325	12	123	G	5.9	043	330	435	381	1082	719					
28-326	12	124	C		029	286	290	242	2017	423					
29-327	12	124	G	4.3	072	377	377	324	1160	691					
30-328	12	120	H	7.0	219	221	870	362	3680	466					
31-329	12	121	D	4.6	129	260	435	348	1725	493					
32-330	12	121	H		142	247	438	216	2435	423					
33-331	12	120	D	6.5	143	260	435	254	1815	620					
34-332	12	121	E	4.6	072	403	435	381	1375	705					
35-333	12	124	R	3.8	043	260	319	178	320	637					
36-334	12	123	E	8.1	157	330	334	361	1607	665					
37-335	12	125	A	4.1	010	195	261	127	1581	206					
38-336	11.9	120	F	4.2	043	351	154	381	5.27	787					
39-337	12	12													
40-338	12	121	F		029	143	115	207	595	532					
41-339	12	121		2.9	044	247	116	242	325	564					
42-340	12	121	G	3.3	143	065	290	250	1480	564					
43-341	12	120	C	4.9	057	247	203	254	2377	395					
44-342	12	122	G	6.4	143	117	045	581	2815	733					
45-343	12	122	C	3.9	029	208	131	242	219	390					

COMPILED
BY

STRUCTURAL RESPONSE PROGRAM

Ceiling.
200" static load deflects .5 g. 0.08 in

DATE 1-21-65
HOUSE PE-6

PHASE 2-B				DEFLECTIONS (in)			ACTUAL PRESSURE (psf)								
RUN	WT	WIND	WIND	DOWN	UP	TOTAL	DATACORRET	BOUNCE							
1-179	12	130	H	045	045	086	5.3	5.7							
2-179	12	130	H	030	040	070	4.1	5.0							
3-179	12	130	H	045	060	105	6.8	6.1							
4-180	12	130	A	030	030	060	6.4	5.2							
5-181	12	131	F	045	045	090	4.6	5.3							
6-182	12	130	A	030	035	065	4.4	4.9							
7-183	12	130	G	030	045	075	5.3	4.7							
8-184	12	130	E	045	045	090	4.8	4.5							
9-185	12	131	B	050	050	100	4.3	5.5							
10-186	12	130	C	040	050	090	5.6	5.1							
11-187	12	130	G	040	050	090	4.2	5.5							
12-188	12	130	C	025	035	060		5.4							
13-189	12	136	F	045	020	025	2.5	2.9					13.56		
14-190	12	129	G	015	020	035	5.2								
15-191	12	130	A	020	030	050	2.9	3.5					13.56		
16-192	12	131	H	025	025	050	2.5	5.0							
17-193	12	130	F	020	025	045							13.56		
18-194	12	130	D	024	035	059	4.8								
19-195	12	130	A	025	025	050	2.6	3.4					13.56		

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COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

Ceiling

200" static load deflects 5.9" at 0.08 in.

DATE 1-21-65

HOUSE DE-6

Phase 2-B				DEFLECTIONS (in)			ACTUAL PRESSURE (psf)					
				DOWN	UP	TOTAL	TARGET	BOILING				
Run	Ref	Loc	Alt									
25-201	12	130	E	040	045	085	53	47				
26-202	25	135	F	020	025	045	46	—			B-5B	
27-203	12	130	D	025	30	055	44	—				
32-204	25	135	F	025	030	055	—	40			B-5B	
33-205	25	135	A	015	020	035	26	27			B-5B	
34-210	12	135	H	030	040	070	85	49				
35-211	25	136	F	035	040	075	31	30			B-5B	

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

0.060" with ~200" push at center of wall
North Wall

DATE 1-21-65

HOUSE DE-6

Phase 2-B				TOP FRAME		MIDDLE WALL		ACTUAL PRESSURE			
				IN/OUT/TL		IN/OUT/TL		DATA-CRABET			
Run	Ref	Loc	Alt								
2-125	12	130	D	005	005	010	005	020	025	41	
3-129	12	130	H	010	010	020	020	010	060	48	
4-180	12	130	A	010	010	020	025	025	060	64	
5-181	12	131	F	010	010	020	005	010	015	46	
6-182	12	130	A	015	015	030	025	030	055	44	
7-183	12	130	B	015	015	030	020	020	040	53	
8-184	12	130	F	025	025	050	010	010	020	48	
9-185	12	131	B	015	015	030	020	025	005	43	
10-186	12	130	C	010	010	020	025	025	050	56	
11-187	12	130	G	005	005	010	025	025	050	42	
12-188	12	130	C	020	020	040	030	025	055	54	
13-189	25	136	F	—	—	—	005	005	008	25	B-5B
14-190	12	130	D	—	—	—	—	—	—	—	
15-191	25	130	A	—	—	—	—	—	—	—	B-5B

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COMPILED
BY

STRUCTURAL RESPONSE PROGRAM

DATE: 12-15-75
HOUSE PF-6

Phase 2-B				PRESSURE psf													DISPLACEMENT (10 ⁻² in)											
Run	Alt	Wind	Dir	1	2	3	4	5	6	7	8	9	10	11	12	13	1	2	3	4	5	7	8	9	10	11	12	
1-24	12	130	H	1	1	1	1	1	1	1	1	1	1	1	1	1												
2-24	12	130	D	1	1	1	1	1	1	1	1	1	1	1	1	1												
3-24	12	130	H	1	1	1	1	1	1	1	1	1	1	1	1	1												
4-24	12	126	D	1	1	1	1	1	1	1	1	1	1	1	1	1												
5-24	12	133	F	1	1	1	1	1	1	1	1	1	1	1	1	1												
6-24	12	131	H	1	1	1	1	1	1	1	1	1	1	1	1	1												
7-24	12	132	D	1	1	1	1	1	1	1	1	1	1	1	1	1												
8-35	12	134	E	32	6.8	5.0	2.8		2.6	2.6	1.3	2.9	1.8	5.2	3.0	2.5	1245	1248	966			028	600	625	260	1835	372	
9-25	12	126	R	93	5.0	5.4	5.2		1.3	1.5	1.6	2.3	1.8	1.4	1.2	2	673	2675	218			028	370	282	286	982	552	
10-25	12	13	C	32	3.5	5.6	2.9		0.6	0.3	0.9	0.4	5.1	4.9	4.2	4.6	572	1100	1655			1200	127	642	504	970	2820	786
11-35	12	131	G	89	4.7	2.7	5.1		0.4	0.9	1.6	4.9	2.6	1.9	1.6	5.1	2305	2750	932									
12-35	12	130	C	37	3.5	4.9	3.5		1.2	0.3	1.1	9.0	6.4	4.1	1.6	4.4	302	1160	2910									
13-25	12	125	D	29	4.8	5.0	2.7		0.5	0.3	1.3	1.5	7.6	1.9	4.0	3.1	572	1220	2185									
14-25	11	115	H	79	2.4	6.2	5.9		2.5	1.1	4.7	1.4	3.0	1.0	1.0	1.5	2690	2199	2372	296								
15-25	16	64	D	25	4.4	5.0	1.8		0.9	0.3	1.6	3.2	7.4	7.6	2.2	3.1	730	1428	1410									
16-25	13	130	E	-	3.9	4.6	3.1	3.1	0.9	0.9	1.6	2.9	2.3	1.5	2.6	2.2	530	2810	1115									
17-26	19	135	R	61	3.5	5.1	3.1	3.1	1.2	0.6	0.9	4.9	1.6	3.1	4.9	4.6	2600	1392	928									
18-26	12	133	E	29	5.2	4.7	2.4	2.4	0.6	0.3	1.6	2.9	1.8	1.9	2.3	2.5	600	2430	2083									
19-26	12	126	F	30	4.4	1.9	3.9	2.8	0.6	0.6	0.6	2.9	1.6	1.5	2.2	1.8	701	1872	718									
* changed to 6 of 0.110, 1-20-75																												

COMPILED
BY

STRUCTURAL RESPONSE PROGRAM

DATE: 12-15-75
HOUSE PF-6

HOUSE PF-6

PHASE 2-B

PRESSURE psf.

DISPLACEMENT (10⁻² in)

Run	Alt	Wind	Dir	1	2	3	4	5	6	7	8	9	10	11	12	13	1	2	3	4	5	7	8	9	10	11	12
20-24-65	12	133	D	32	3.1	4.0	4.7	5.5	1.3	0.6	0.6	8.1	5.5	5.5	2.9	2.3	1030	2575	1795			028	348	127	273	293	621
21-24-65	12	132	F	35	4.8	4.0	2.4	3.1	0.6	1.3	0.9	1.3	1.6	1.5	2.0	4.0	1020	2282	352			127	245	169	364	1015	538
22-24-65	12	130	G	55	6.5	2.4	7.1	3.8	1.3	1.2	6.9	4.2	3.3	1.9	3.5	3.0	2561	2260	1490			183	129	423	390	1298	621
23-24-65	12	129	C	37	3.5	4.3	2.0	2.1	0.6	0.6	1.3	2.9	5.1	3.4	3.9	4.6	679	753	2112			071	232	141	260	162	345
24-24-65	149	1.4	G	25	2.3	1.6	1.2	1.4	0.6	0.6	0.2	1.6	1.5	1.1	1.3	1.5	572	1125	718			062	438	169	156	560	276
25-24-65	16	135	C	33	1.7	2.7	2.0	2.1	0.6	0.3	1.6	4.9	2.9	1.6	4.6	3.1	915	1160	1822			028	065	141	234	1481	304
26-24-65	12	135	H	26	6.1	4.7	4.7	5.2	1.6	0.6	0.9	5.4	4.0	2.4	2.9	2.6	3262	1560	1905			113	206	451	230	2285	412
27-24-65	122	130	D	49	5.2	5.6	5.5	4.1	0.9	0.9	1.9	5.6	5.0	2.7	5.9	5.1	1283	2016	5320	218	903	197	1097	579	247	2610	497
28-24-65	117	126	H	-	3.5	1.8	1.4	2.8	1.2	0.2	0.9	5.6	2.2	1.9	2.3	2.8	1372	672	1603			141	168	423	130	1805	276
29-24-65	129	135	F	30	5.2	4.7	2.9	3.8	0.9	1.3	0.9	3.2	2.1	1.9	2.0	2.1											
30-24-65	1285	121	A	53	5.6	5.0	4.7	4.5	1.9	1.5	0.6	1.2	2.6	5.2	5.1	7.7	1450	1575	2070			127	413	169	403	2670	428

changed to 6 of 0.110, 1-20-75

D-92

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE 6-23-65
HOUSE PF-6

Annals 2-B				PRESSURE PSI													DISPLACEMENT (10 ⁻² in.)											
Run	AC	12	13	1	2	3	4	5	6	7	8	9	10	11	12	13	1	2	3	4	5	7	8	9	10	11	12	
1-278	12	132	A	-	(	1.0																						
2-278	12	120	F	41	93	2.8	2.7	4.4	1.5	1.2	1.6	2.1	2.8	2.8	3.2	3.3	677	2600	4350			442	516	609	692	120	730	
3-278	12	133	A	41	6.9	2.6	3.4	2.9	4.1	1.5	2.6	1.1	6.7	5.1	6.7	7.3	2885	1580	1040			456	361	310	358	1260	310	
4-278	12	131	C	50	3.2	3.6	2.8	4.0	4.7	1.2	2.6	1.1	7.0	5.7	6.2	7.3	677	1485	5235			160	322	282	379	2500	490	
5-278	12	132	G	-	2.2	3.2	4.4	2.9	5.4	1.5	2.8	1.1	4.7	3.6	1.9	3.6	3320	2860	2235	145		168	129	423	368	1480	522	
6-278	12	132	C	-	3.4	3.2	2.5	2.9	4.4	1.2	2.8	1.4	7.0	6.0	3.4	2.3	835	810	4215	261		126	258	282	379	2011	560	
7-278	12	132	D	45	5.1	5.4	9.4	3.7	5.7	2.9	2.8	1.7	4.4	3.4	3.4	4.5	783	900	5510			160	129	438	126	2279	409	
8-278	11/195	130	H	70	2.5	4.3	4.1	3.3	4.4	1.5	1.1	1.9	5.3	4.1	3.3	4.1	2255	626	2350			160	219	526	227	1960	310	
9-278	11/195	121	D	48	(	1.0											821	721	5290			160	258	438	227	2345	479	
10-278	12	130	H	25									2.8	1.2	3.1	2.6	1932	538	1723			170	129	423	126	1737	276	
11-278	12	130	F	81	3.7	2.0	2.1	4.4	5.7	2.9	2.9	1.7	4.4	2.8	2.8	4.4	729	2550	2365	310		160	245	310	377	241	663	
12-278	12	130	A	69	5.4	4.3	3.7	4.4	6.3	1.2	2.8	1.2	7.0	5.7	5.1	2.8	3225	1990	970			170	310	378	353	276	423	
13-278	12	130	E	50	2.7	7.5	6.6	3.3	3.5	2.9	1.2	1.7	4.4	2.3	2.1	4.2	815	2260	4270			126	370	276	379	241	832	
14-278	12	132	A	-	6.9	3.3	3.7	2.9	4.7	2.9	2.5	2.6	6.2	5.0	4.4	6.2	1920	1425	3960			442	258	282	227	1861	324	
15-278	25	132	F	3.8	4.4	5.4	3.1	2.2	3.2	2.8	3.3	1.7	2.8	2.0	1.9	2.6	1160	3600	1572			442	129	401	368	528	719	
16-278	25	137	D	3.9	4.1	3.2	3.4	2.9	3.2	1.2	2.6	2.3	4.5	3.2	2.5	2.1	377	1670	913			410	129	410	126	1992	4233	
17-278	12	131	G	45	5.6	4.5	3.1	2.2	3.9	1.2	1.7	1.9	3.4	2.8	1.7	1.9	2616	745	1175			160	129	310	200	311	607	
18-278	25	127	F	46	5.6	5.0	3.1	2.2	3.2	1.2	1.6	2.8	3.0	2.3	3.3	3.6	1030	3600	598			456	129	455	270	966	635	
19-278	12	138	C	-	5.3	5.0	5.6	5.2	4.7	2.1	2.8	1.6	1.8	6.4	4.4	7.3	1270	1570	3532	270		112	387	296	567	4270	719	
# changed to 6 & 11, 1-278-5																												

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

DATE 1-25-15: 1-25-15
House PF-6

PMS#2-B				PRESSURE Rsf.													DISPLACEMENT (10 ⁻² in.)												
				FACE	1	2	3	4	5	6	7	8	9	10	11	12	13												
				PRIN	TOTAL	STRAIN	STRAIN	STRAIN	STRAIN	STRAIN	STRAIN	STRAIN	STRAIN	STRAIN	STRAIN	STRAIN	STRAIN	STRAIN	STRAIN	STRAIN	STRAIN	STRAIN	STRAIN	STRAIN	STRAIN	STRAIN	STRAIN	STRAIN	STRAIN
1-26-65																													
20-393	25.	137	A	4.9	4.7	3.6	3.4	3.6	3.8	4.3	1.1	6.4	3.4	4.8	5.8	6.0	5.4	1008	1822	877				010	129	028	151	2835	564
21-394	12.	136	G	3.7	4.2	4.7	5.1	2.9	5.5	4.2	1.2	0.9	3.7	2.8	1.4	3.2	3.1	1805	2666	1715				010	116	009	290	401	550
22-395	25.	136	F	2.2	2.8	3.6	1.9	1.8	2.3	2.5	1.3	1.2	1.9	1.4	1.1	1.9	2.1	583	2465	456				010	106	113	252	700	623
23-396	12.	136	C	4.7	3.1	2.9	4.4	2.9	3.2	1.5	1.1	1.7	6.2	3.9	3.4	5.0	3.9	702	1801	1102				028	129	155	239	2000	451
24-397	25.	138	A	2.5	3.7	3.3	3.4	2.9	3.2	4.0	1.9	1.9	3.4	3.2	2.6	3.6	3.3	628	2205	780				010	129	028	126	2082	623
25-398	25.	138	F	6.7	4.7	4.0	2.8	2.9	6.1	1.2	1.6	0.8	3.8	2.7	3.6	3.4	3.3	885	2445	598				002	155	101	368	758	635
26-399	25.	138	H	2.1	2.5	2.2	2.3	2.6	2.5	1.2	1.5	0.5	3.1	3.0	3.4	3.1	2.8	483	1380	513				010	077	028	126	2000	623
27-400	12.	138	H	3.6	4.2	4.3	3.1	3.3	4.4	1.2	0.5	0.6	4.4	3.2	3.1	4.1	3.7	1772	2035	1765				126	155	009	227	2239	451
28-401	119	125	D	3.0	2.8	3.2	5.0	2.6	3.2	0.9	0.8	1.7	3.3	2.5	2.7	2.6	3.0	600	1725	1368				070	106	292	125	1599	316
29-402	118	131	H	-	2.7	3.4	2.8	2.9	3.1	1.5	0.5	0.3	6.1	4.4	3.8	4.9	4.5	1579	5380	1220				126	129	310	202	2000	353
30-403	12.	132	D	7.1	2.7	7.2	0.9	2.4	5.4	4.5	1.1	1.9	5.8	3.6	4.4	5.8	5.1	1610	2120	4760				150	219	368	160	2555	251
31-404	25.	137	F	2.6	2.5	3.2	2.6	1.5	1.9	1.6	1.2	0.6	2.0	1.8	1.6	2.4	2.3	467	1180	001				028	025	085	214	828	423
32-405	25.	138	A	4.7	5.0	3.9	3.4	2.9	5.1	1.5	1.7	1.1	5.8	4.6	4.4	5.8	5.4	967	2190	735				010	129	028	139	2076	635
33-406	25.	138	F	3.1	4.4	4.3	2.5	2.6	3.2	1.5	1.6	0.8	2.5	2.1	1.7	3.4	3.0	305	3255	598				028	129	160	278	1000	560
34-407	12.	133	G	3.8	3.5	4.3	3.1	3.6	3.2	1.2	0.9	0.8	3.0	2.5	1.4	2.9	2.5	1220	153	470				126	155	009	227	2239	451
35-408	25.	138	H	3.6	3.4	3.6	3.4	2.9	2.8	1.6	1.9	0.6	4.1	3.2	2.3	3.9	4.0	160	1822	713				010	129	028	151	2835	564
36-409	12.	133	C	6.5	2.1	2.5	4.4	7.9	3.6	1.2	0.6	1.6	4.6	3.6	3.0	4.9	4.6	1772	2035	1765				028	129	155	239	2000	451
37-410	25.	137	F	5.8	5.0	5.7	2.3	2.3	3.8	1.2	1.4	1.2	2.6	3.1	1.9	3.6	3.0	1610	2120	4760				028	129	160	278	1000	560
38-411	119	135	G	7.3	6.0	6.2	4.1	4.0	6.3	1.2	1.2	0.9	5.1	3.7	2.8	4.9	4.2	25	25	46	451			145	145	145	145	145	145
# changed to 6 of 0410, 1-28-65																													

DATE: 25-15-1-2065
HOUSE PF-1

PRESSURE		DISPLACEMENT X 10 ⁻²																					
1	2	3	4	5	6	7	8	9	10	11	12	13	1	2	3	4	5	7	8	9	10	11	12
1-26-65																							
25	137	A	2.8	3.1	3.2	3.5	3.2	3.4	0.9				6.28	1.225	3.98			0.10	0.52	0.10	1.13	2.220	0.69
25	137	F	2.5	3.4	3.2	2.5	4.8	1.9	1.2	1.1	0.8	2.1	1.8	1.7	2.6	3.4		0.10	1.16	0.05	2.39	3.00	0.69
25	138	D	-	3.4	3.6	3.1	2.6	3.2	1.4	2.0	0.8	4.4	3.9	3.3	4.1	4.5		0.10	1.29	0.28	1.26	2.865	5.05
25	138	F	3.7	4.4	5.4	3.4	2.9	2.2	1.8	1.7	0.8	3.1	3.8	2.3	3.6	2.6		0.02	2.32	1.01	3.79	0.70	1.005
25	141	A	2.5	3.4	2.9	3.8	4.5	3.3	3.2	1.4	0.9	2.3	1.8	1.3	2.4	2.2			1.06	0.10	1.01	1.20	1.79
12	128	H	6.0	0.9	5.0	3.7	5.5	5.9	1.5	12.8	1.4	0.7	6.0	4.4	3.6	7.5		3.00	3.018	1.779	4.35		
12	125	H	4.2	6.2	2.6	2.1	1.0	1.2	1.2	0.3	2.8	3.4	2.8	2.3	3.2	3.3		1.032	1.155	1.250			
12	120	D	3.5	3.1	3.6	5.6	2.6	3.2	1.5	0.8	1.7	4.2	3.0	2.8	4.5	3.2		0.01	1.29	0.09	1.39	1.519	3.10
12	121	G	4.0	5.6	5.0	3.5	2.2	3.2	1.2	0.6	0.9	2.6	2.1	1.3	2.5	2.5		1.531	1.910	2.350			
12	121	C	3.7	2.5	3.5	3.1	2.2	1.9	0.9	1.1	1.1	2.3	2.7	2.4	3.2	3.0		0.01	1.06	1.13	2.52	2.345	3.81
12	133	G	3.6	2.4	7.5	3.4	2.9	6.0	4.5	1.1	1.2	4.8	4.4	3.4	3.7	4.0		2.125	2.300	1.515			
12	126	H	7.2	0.9	6.8	4.7	5.5	5.2	4.8	1.1	1.9	3.4	2.3	5.8	NR	7.6		3.075	1.570	2.250	3.05		
12	113	D	3.6	5.4	5.7	6.2	3.3	2.8	1.2	0.9	1.7	3.3	2.1	2.6	4.2	3.7		1.661	1.695	2.235			
12	114	H	5.2	2.5	5.0	3.4	3.3	4.7	2.1	1.1	1.4	6.1	5.0	4.7	6.2	6.0		2.105	1.910	2.618			
End																							
* CHANGED TO 6 ON ATTIC, 1-28-65																							

INTEL 25-65-1-28-65
HOUSE PF-6

Pressure				Displacement (10 ⁻² in)																											
Pressure psf				Displacement (10 ⁻² in)																											
1-27-65				1	2	3	4	5	6	7	8	9	10	11	12	13	1	2	3	4	5	7	8	9	10	11	12				
Run	At	Time	Val	1	2	3	4	5	6	7	8	9	10	11	12	13	1	2	3	4	5	7	8	9	10	11	12				
1-426	12	126	D	79	(No Record)										1.1	1.7	5.6	4.2	4.2	6.2	5.1	1592	2110	2430	612	298	422	604	270	618	618
2-427	1195	123	H	57											0.6	1.9	5.5	4.7	3.1	4.5	4.1	2803	1870	1899		109	244	453	149	1480	367
3-428	1195	123	D	-											1.2	1.9	5.8	4.7	4.3	6.4	6.0	1915	2260	6600	618	268	409	573	270	250	661
4-429	12	125	H	39											0.6	1.7	4.0	2.5	3.1	3.3	3.2	2780	1720	2580		149	200	453	243	1675	514
5-429	1195	123	E	46											1.2	1.7	4.3	3.3	2.5	3.3	3.7	895	2280	3270		119	518	468	405	1190	867
6-429	1195	126	B	50											0.5	1.4	6.4	5.2	4.9	6.1	6.0	3205	621	957	153	149	409	393	270	1925	441
7-432	12	130	E	45											1.7	2.5	3.5	3.0	3.4	3.5	4.0	910	1489	2160		075	409	153	322	1435	832
8-433	12	130	R	42											0.6	1.3	4.3	3.1	3.4	3.5	3.8	1809	1409	285		075	368	317	257	1940	456
9-434	12	126	F	43											1.9	1.9	4.6	3.5	5.2	6.4	6.5	1230	3270	2419		045	394	211	436	867	1072
10-435	118	120	A	46											1.6	1.3	5.2	3.8	3.4	5.1	6.5	1319	2050	1899		030	177	966	276	2687	641
11-436	12	121	F	-											2.8	3.1	5.2	3.5	4.3	5.1	5.9	2023	1520	2498	168	005	396	166	512	1250	425
12-437	12	120	A	-											1.6	1.6	5.8	4.2	4.6	5.7	5.9	170	1679	1789		015	272	151	270	288	735
13-438	115	120	F	33											3.1	3.1	6.1	3.5	3.1	4.8	5.9	1830	1809	2162		030	259	164	357	1250	162
14-439	12	122	A	61											1.2	1.6	5.8	5.6	5.1	6.0	6.5	1896	1995	1318		130	272	136	257	3583	720
15-440	12	122	G	20	2.1	4.6	3.1	2.6	3.8	0.9	1.6	3.8	3.6	3.5	3.1	5.1	3.2	34.9	2239	1601		164	109	302	270	1102	691				
16-441	12	125	C	6.8	3.1	2.6	4.5	4.4	3.2	1.2	0.9	1.6	4.9	5.2	4.9	6.1	5.3	746	1395	3205		145	136	223	270	1976	514				
17-442	1195	124	G	45	2.3	4.7	4.6	6.6	6.4	1.5	1.9	1.9	5.2	4.2	5.2	5.7	4.4	2110	3585	1625		253	136	183	500	62	970				
18-443	12	125	C	50	3.4	3.5	4.2	4.0	3.5	0.9	1.2	1.6	5.8	5.6	4.5	7.0	5.6	810	1675	2550		610	237	302	405	2190	514				
19-444	12	125	G	65	6.5	5.2	3.4	3.7	4.5	1.2	1.6	1.6	4.0	3.5	5.1	5.4	4.7	2512	2259	1410		109	610	302	170	1250	777				
# changed to 6 & 40 psf, 11-20-65																															

STRUCTURAL RESPONSE PROGRAM

Confidential
By _____

DATE 10.10.2015
HOUSE PF-6

PMS 2-B				PRESSURE P.S.F.													DISPLACEMENT (.02 in.)											
FEED T.P.H.				1	2	3	4	5	6	7	8	9	10	11	12	13	1	2	3	4	5	6	7	8	9	10	11	12
T.M.	REV	INCH	PSI	1	2	3	4	5	6	7	8	9	10	11	12	13	1	2	3	4	5	6	7	8	9	10	11	12
1-27-65																												
20-44	12	125	H	-	2.4	4.5	3.4	2.9	4.8	2.1	4	NO	RECORD				36.2	1635	2355			149	214	453	216	210	519	
21-44	12	125	D	3.7	2.8	3.8	5.5	2.6	2.9	1.2							1073	1690	3920			690	150	348	109	470	491	
22-44	12	122	H	5.7	2.1	4.5	3.4	2.3	4.5	2.1							1510	1242	2060			119	218	458	135	285	377	
23-44	12	120	D	5.5	4.0	6.6	9.2	6.2	4.5	1.5							1953	2550	6750			140	272	640	135	3226	514	
24-44	12	125	H	5.6	8.3	5.2	3.4	5.5	6.4	2.1							2795	1221	2180			109	259	453	135	276	612	
25-45	12	122	D	11.4	5.2	8.0	12.0	10.2	5.4	1.5							1970	2900	875	489		285	272	710	162	3199	588	
26-45	12	120	F	6.6													1790	1035	769			045	218	136	270	1099	1172	
27-45	12	120	F	3.8													931	435	785			015	272	136	216	1985	514	
28-45	12	12	F	153													1720	1925	1740			070	607	225	392	1122	1172	
29-45	12	115	F	4.8													1271	655	942			030	272	151	243	2280	720	
30-45	12	12	F	5.0													1648	3335	2670			070	531	302	1132	971	1106	
End																												
* CHANGED TO 2 OF ATTIC, 4-25-65																												

STRUCTURAL RESPONSE PROFILE

COMPILED
By _____

DATE 1-25-65: 1-28-65
HOUSE PF-6

Pneum 2-B				Pressure p.s.f.													Displacement (10-2 in).											
1-28-65				FEEL	1	2	3	4	5	6	7	8	9	10	11	12	13	1	2	3	4	5	7	8	9	10	11	12
IN	PSI	TEMP	VAL	FEEL	1	2	3	4	5	6	7	8	9	10	11	12	13	1	2	3	4	5	7	8	9	10	11	12
1-456	12	120	B	53	8.3	4.4	3.4	4.2	5.4	2.4	1.9	2.5	6.2	6.3	4.7	5.1	5.9											
2-451	12	123	E	57	3.7	4.2	6.2	4.2	5.4	3.0	3.1	4.1	6.9	3.8	3.2	4.8	6.2											
3-458	12	127	B	48	7.4	3.7	3.4	5.0	5.7	2.7	1.9	3.2	6.9	6.3	4.4	5.1	6.2											
4-459	1195	12	C	-	4.3	4.4	9.2	5.9	2.2	1.5	1.6	2.8	7.6	7.0	7.6	8.5	7.4											
5-460	1205	125	G	42	6.3	5.8	3.4	2.9	6.8	2.1	2.5	2.6	4.4	3.5	3.2	6.4	4.7											
6-461	12	12	C	48	4.0	3.4	7.7	5.9	5.0	1.3	1.3	1.9	6.6	5.2	5.2	6.4	6.5											
7-462	12	129	G	49	7.4	7.1	3.4	5.9	5.7	1.8	1.2	3.8	5.0	3.8	3.8	6.7	5.9											
8-463	12	123	G	39	6.2	4.4	3.1	2.5	4.3	2.1	2.5	1.9	4.1	3.1	3.2	4.8	5.3											
9-464	12	122	C	52	4.0	3.4	6.5	4.2	5.4	1.5	1.6	1.3	6.1	5.2	5.4	6.1	6.2											
10-465	12	120	G	51	8.0	6.5	3.7	2.8	5.7	2.7	2.8	1.9	4.7	3.5	3.5	6.7	5.5											
11-466	12	122	C	52	4.0	3.4	6.8	4.6	4.7	1.2	1.6	1.6	6.2	5.6	5.2	5.8	5.9											
12-467	12	126	G	66	7.7	5.4	3.7	3.4	5.4	2.1	2.8	1.9	5.0	3.8	3.5	6.4	5.9											
13-468	12	125	C	50	5.4	3.4	6.6	6.3	4.7	1.5	1.3	1.6	6.1	5.9	6.0	7.0	6.6											
14-469	12	126	G	49	7.1	5.8	3.4	2.5	5.0	1.1	2.5	1.9	4.7	3.5	3.1	6.1	5.0											
15-470	12	126	C	47	3.4	3.7	7.2	4.6	5.4	1.5	1.6	1.6	4.4	5.9	6.2	7.4	6.2											
16-471	12	126	G	-	4.6	4.1	3.1	2.5	3.6	2.4	2.5	1.6	2.7	2.1	2.2	4.3	4.4											
17-472	12	126	C	121	3.1	3.4	6.6	4.2	3.6	1.5	1.3	1.6	5.3	4.9	4.7	6.4	5.9											
18-473	1295	126	G	33	5.6	4.1	1.6	1.5	2.6	1.4	1.4	1.1	7.1	2.5	1.9	2.6	4.1											
19-474	12	126	G	51	8.0	6.8	4.7	5.0	5.5	2.4	2.6	1.2	5.0	4.5	4.5	6.4	5.7											
* changed to 6 f. apic, 1-28-65																												
																	D-95											

COMPILED
By _____

STRUCTURAL RESPONSE PROGRAM

DATE: 12-15-1965
House PF-6

ANALYSIS				PRESSURE P.S.F.													DISPLACEMENT (10 ⁻² in)											
Run	Time	Sec	Min	1	2	3	4	5	6	7	8	9	10	11	12	13	1	2	3	4	5	6	7	8	9	10	11	12
20-479	12	122	G	4.3	4.2	4.1	2.8	2.5	2.4	2.1	1.5	1.6	4.1	3.1	2.2	4.8	1.1											
21-479	12	125	C	3.5	4.0	3.1	5.9	4.2	3.9	1.5	1.3	1.6	6.2	2.5	3.2	4.8	5.2											
22-479	12	125	G	5.0	2.4	5.8	3.4	3.4	3.6	2.7	2.8	1.6	4.7	2.5	2.8	6.1	5.6											
23-479	12	128	C	4.8	3.1	3.1	5.5	2.9	2.5	1.2	1.3	1.3	4.2	3.5	2.8	3.8	4.4											
24-479	12	121	D	-	3.7	5.8	8.9	2.8	2.6	1.2	1.6	1.6	5.3	2.8	3.2	5.1	4.7											
25-479	12	126	H	6.2	4.2	5.1	3.7	2.9	6.8	1.8	1.6	1.9	6.9	5.6	3.5	5.4	5.9											
26-479	12	121	D	-	3.1	4.4	6.2	2.9	3.2	1.5	1.3	1.6	4.7	3.5	2.8	4.2	4.4											
27-479	12	121	H	6.5	7.1	4.1	3.4	2.5	5.4	1.8	1.3	1.6	5.9	3.8	2.8	4.8	4.7											
28-479	12	125	D	4.9	3.1	4.4	6.8	3.8	3.6	1.2	1.3	1.6	4.4	3.5	3.2	4.5	NR											
29-479	12	127	F	4.9	4.6	6.8	3.7	4.2	5.4	1.2	1.6	1.9	4.7	2.4	2.2	5.1	4.4											
30-479	12	128	A	5.1	4.6	3.7	3.7	5.5	5.4	1.5	1.3	1.6	8.1	5.2	3.2	6.1	5.6											
31-479	12	129	F	4.7	4.8	8.5	4.3	5.5	4.2	1.5	2.2	1.9	6.9	5.1	4.4	6.4	5.9											
32-479	12	128	F	5.6	5.5	6.8	3.4	4.2	4.2	1.5	1.6	1.9	5.0	3.1	2.2	5.4	4.7											
33-479	12	12	A	3.1	3.7	2.0	2.2	1.7	3.2	1.5	0.9	1.6	3.1	2.4	2.5	3.2	2.9											
34-479	12	122	E	3.8	3.1	2.1	5.9	3.4	3.6	1.9	1.6	1.6	3.0	3.1	1.6	3.2	4.7											
35-479	12	120	A	4.7	4.0	3.7	3.4	5.0	5.0	1.8	1.6	2.8	6.6	4.9	4.7	6.4	6.5											
36-479	12	122	F	-	4.2	8.5	5.9	8.4	5.4	1.2	2.2	1.9	2.2	3.5	3.2	6.4	5.9											
37-479	12	120	A	3.3	4.6	4.1	4.3	4.2	4.7	1.5	1.6	1.6	5.9	3.5	2.8	5.1	4.7											
38-479	12	125	F	3.6	4.3	6.5	4.0	3.8	2.9	1.2	1.9	1.9	4.4	2.1	1.9	4.5	4.1											
39-479	12	126	A	3.3	3.3	3.7	4.0	4.2	4.2	1.3	1.6	1.6	4.7	2.8	2.8	4.8	3.3											
End																												

STRUCTURAL RESPONSE PROGRAM

COMPILED
BY _____

SCRATCH GAUGE

DATE 1-25-65
HOUSE SURVEY

PHASE		PRESSURE (BOGGS)						DANE E (in)		DANE B (in)					
		1	2	3	4	5	6	IN OUTTL		IN OUTTL					
RUN	REV	LOC	LOC	LOC	LOC	LOC	LOC								
19-367	12	124	E	3.8	1.13	.90	3.50	3.50	3.50	1.50					
20-368	12	133	A	5.83	-	2.10	5.75	5.75	6.00	5.50					
21-369	12	132	F	2.83	.75	.70	2.75	2.75	3.00	1.50					
22-369	12	135	H	4.5	3.63	3.00	5.25	4.75	3.50	4.25					
27-370	12	130	D	5.3	2.00	1.50	5.20	5.50	5.50	6.00					
28-371	12	126	H	5.83	2.80	1.20	5.75	6.50	5.25	2.75					

STRUCTURAL RESPONSE PROGRAM

COMPILED
BY _____

SCRATCH GAUGE

DATE 1-26-65
HOUSE SURVEY

PHASE		PRESSURE (BOGGS)						DANE E (in)		DANE B (in)					
		1	2	3	4	5	6	IN OUTTL		IN OUTTL					
RUN	REV	LOC	LOC	LOC	LOC	LOC	LOC								
1-374	12	132	B	5.5	3.00	3.60	5.25	6.00	5.50	5.25					
2-375	12	136	E	4.7	1.25	.90	4.25	4.25	4.00	2.75					
3-376	12	138	B	4.83	2.38	3.00	4.25	4.00	5.25	4.00					
4-377	12	131	C	4.97	1.63	1.00	4.75	5.25	4.25	5.50					
5-378	12	132	G	4.5	1.00	2.00	4.25	5.00	4.50	2.75					
6-379	12	134	C	5.25	1.50	1.30	5.00	5.75	5.00	5.00					
7-380	12	130	D	5.00	1.25	1.30	-	5.25	4.75	4.50					
8-381	12	130	H	4.83	2.25	3.10	4.25	5.25	5.50						
9-382	12	131	D	5.17	1.38	1.10	5.30	5.00	5.00	4.00					
10-383	12	130	H	4.83	2.75	2.60	4.25	5.25	5.25	2.75					
11-384	12	130	E	3.67	1.38	1.10	3.25	4.00	3.75	3.00					
13-385	12	130	B	5.5	2.13	2.00	5.00	5.75	5.75	4.50					
13-386	12	140	E	4.25	1.48	1.25	3.25	5.00	4.00	3.00					
14-387	12	125	B	3.50	2.63	2.00	3.50	2.75	5.25	4.25					
15-388	25	126	F	3.23	1.88	2.00	3.15	3.25	2.00						
16-389	25	127	A	4.1	1.50	2.00	3.25	3.50	4.00	2.75					
17-390	12	131	G	3.25	2.25	1.10	2.75	2.75	2.15	2.00					
18-391	25	137	F	3.00	1.88	1.90	2.25	3.50	3.00	2.50					
19-392	21	135	C	3.75	1.25	1.10	3.50	4.00	3.25	2.25					

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

SCRATCH GAUGE

DATE 1-26-65
HOUSE STRUCTURE

PHASE				PRESSURE (Booms)						DANG E (in)		DANG B (in)					
Run	Sec	Min	Sec	AK	1	2	3	4	5	6	IN	OUT	TL	IN	OUT	TL	
20-393	2	1		A	3.50	1.67	2.30	3.50	3.75	3.50	4.50		44	86	120		A 58
21-394	12	130		G	6.75	3.13	3.70	6.25	7.00	7.00	3.75		70	114	34		
22-395	25	136		F	3.75	1.50	1.70	5.00	3.25	5.50	1.25		43	140	82		A 58
23-396	12	130		C	5.75	1.83	1.70	4.25	5.75	5.50	6.00		42	94	26		
24-397	25	138		A	3.50	1.38	1.70	3.25	5.50	3.75	2.25		78	74	56		A 58
25-398	25	138		F	3.75	1.50	1.90	3.25	3.50	3.25	2.00		44	44	80		A 58
26-399	25	138		A	4.50	1.67	1.70	5.50	4.25	5.00	4.50		62	64	126		A 58
27-400	12	130		H	4.25	2.83	2.60	4.00	4.75	4.00	3.00		12	18	30		
28-401	19	125		G	6.25	2.00	1.60	5.75	6.50	6.75	5.50		28	26	54		
29-402	195	131		H	3.75	2.38	2.30	3.50	3.75	4.00	2.25		14	14	28		
30-403	12	132		G	5.50	1.50	1.70	5.50	6.00	6.00	3.75		26	22	88		
31-404	25	137		F	NR								44	42	86		A 58
32-405	25	138		A	5.50	1.38	1.80	3.25	3.25	3.50	3.00		60	58	118		A 58
33-406	25	138		F	3.75	2.13	2.10	3.25	4.25	3.75	2.25		44	46	80		A 58
34-407	12	133		G	4.50	2.25	2.20	3.25	4.25	4.25	2.25		20	18	38		
35-408	25	138		A	3.17	1.38	1.80	3.00	3.25	3.25	3.25		78	80	158		A 58
36-409	12	133		C	2.25	1.00	.90	2.00	2.25	2.50	2.25		34	28	62		
37-410	25	137		F	4.00	2.25	2.10	3.25	4.25	3.75	2.25		44	44	88		A 58
38-411	19	135		G	4.50	2.25	2.30	4.25	5.00	4.25	2.25		22	16	36		

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

SCRATCH GAUGE

DATE 1-26-65
HOUSE STRUCTURE

PHASE				PRESSURE (Booms)						DANG E (in)		DANG B (in)					
Run	Sec	Min	Sec	AK	1	2	3	4	5	6	IN	OUT	TL	IN	OUT	TL	
39-412	25	137		A	3.50	1.50	1.80	3.00	3.25	3.75	3.50		66	26	102		A 58
40-413	25	137		F	3.25	1.50	1.50	2.25	2.25	2.75	1.75		42	38	80		A 58
41-414	25	138		A	2.83	1.25	1.60	2.75	3.00	2.75	3.00		80	26	156		A 58
42-415	25	137		F	3.83	2.13	2.10	3.50	4.00	3.50	2.25		46	46	90		A 58
43-416	25	141		A	3.83	2.25	1.70	3.25	4.25	3.75	2.25		78	76	148		A 58
44-417	12	128		H	4.83	1.63	2.60	3.25	4.25	4.25	2.25		20	14	36		
45-418	12	125		H	3.50	2.38	2.50	5.00	3.15	3.25	2.25		18	16	36		
46-419	12	120		G	4.00	1.50	1.10	3.50	4.25	4.50	4.50		16	60	138		
47-420	12	121		G	3.00	1.3	1.80	2.75	3.50	3.00	1.75		38	20	68		
48-421	12	131		C	3.50	.83	1.10	2.25	3.50	4.00	3.00						
49-422	12	132		G	4.50	2.00	1.90	4.50	4.25	4.75	1.75						
50-423	121	126		H	4.83	1.83	4.50	4.25	1.00	1.25	4.25		20	20	40		
51-424	122	13		G	4.83	1.38	1.80	4.00	5.25	5.25	1.25		22	24	46		
52-425	122	13		H	5.50		2.70	4.50	4.75	5.75	4.00		20	18	28		

D-99

STANDARD RESPONSE PROGRAM

COMPILED
By _____

SCRATCH GAUGE

DATE 1-31-65
HOUSE INCL. 1000

PULSE	PULSE	PULSE	PULSE	PULSE	PRESSURE (BOGUS)						DANG E (in)		DANG B (in)	
					1	2	3	4	5	6	IN	OUT	IN	OUT
11-563	12	126	F	42	7.1	7.9	4.8	4.9	5.2					
12-564	12	125	A	46	7.9	2.0	2.6	4.0	2.6	1.9				
13-565	126	126	F	37	6.2	6.0	6.4	2.7	5.4	5.1				
14-566	12	120	G	4.1	6.2	6.6	8.0	6.1	5.6	5.0				
15-567	12	123	C	50	2.4	2.4	2.5	5.0	2.3	2.4				
16-568	12	123	G	50	4.9	5.0	5.5	5.0	4.3	4.2				
17-569	12	123	H	4.8	4.1	4.6	4.9	4.8	4.3	4.0				
18-570	12	123	F	4.4	6.5	6.5	9.1	4.4	5.7	6.8				
19-571	12	123	D	5.3	7.7	7.7	4.2	5.2	7.1	2.6				
20-572	12	123	A	3.2	2.5	1.8	4.3	2.3	2.4	2.0				
21-573	12	122	J-1	5.5	5.6	5.6	5.8	5.5	5.2	5.6				
22-574	12	126	F	4.3	7.6	7.1	7.6	4.2	6.0	5.5				
23-575	12	123	A	5.6	6.2	6.2	2.8	5.6	2.8	2.1				
24-576	12	123	F	3.9	5.3	5.1	5.7	2.9	4.6	4.3				
25-577	12	120	A	5.5	2.9	2.1	2.2	5.5	2.7	2.3				
26-578	12	121	A	3.6	2.5	2.2	2.0	2.6	2.1	1.6				
27-579	12	123	C	6.2	4.4	4.5	7.4	6.2	6.5	5.2				
28-580	12	123	C	5.0	3.3	2.5	2.4	5.0	2.2	2.0				
29-581	12	122	C	4.4	2.2	2.0	2.7	4.4	1.8	2.4				

STANDARD RESPONSE PROGRAM

COMPILED
By _____

SCRATCH GAUGE

DATE 1-31-65
HOUSE INCL. 1000

PULSE	PULSE	PULSE	PULSE	PULSE	PRESSURE (BOGUS)						DANG E (in)		DANG B (in)	
					1	2	3	4	5	6	IN	OUT	IN	OUT
30-582	12	123	G	3.8	4.4	5.2	5.5	2.6	4.2	3.9				
31-583	12	122	C	4.9	2.4	2.3	2.1	4.9	2.3	2.5				
32-584	12	120	D	3.0	2.4	2.5	2.7	3.0	2.6	3.1				
33-585	12	120	H	7.0	4.4	4.2	4.0	7.0	4.4	4.0				
34-586	12	121	D	4.4	2.9	3.0	2.3	4.4	2.3	2.3				
35-587	12	122	C	5.8	6.6	5.1	7.8	5.8	4.8	4.7				
36-588	12	120	C	4.0	3.8	2.7	3.0	4.0	4.1	2.2				
37-589	12	120	C	7.5	8.9	8.1	10.2	7.5	8.4	7.4				

COMPILED
BY

STRUCTURAL RESPONSE PROGRAM

SCRATCH GAUGE

DATE 2-3-65
HOUSE SURVEILLANT

PRIME	RUN	TIME	IN	OUT	PRESSURE (BORNS)						DANE E (in)		DANE B (in)					
					1	2	3	4	5	6	IN	OUT	IN	OUT				
6-656	12	125	E	42	46	48	45	42	48	42	40		16					
7-657	1195	125	C	41	37	44	39	41	41	42	58		58					
8-658	12	125	E	50	43	44	41	52	40	38	42		18					
9-659	12	122	E	40				42			42		50					
10-660	12	125	C	49				49			56		54					
11-661	12	120	A	45	27	41	35	45	36	37	96		92					
12-662	11	115	E	43	38	25	35	43	36	25	104		78					
13-663	12	121	A	NR							82		80					
14-664	12	121	E	48	48	37	41	48	40	27	52		40					
15-665	12	125	G	41	41	38	36	41	40	30	38		24					
16-666	12	120	H	35	31	37	24	35	37	32	34		50					
17-667	1195	126	C	40	48	38	43	40	37	46	66		52					
18-668	12	121	O	36	33	30	29	36	30	36	74		40					
19-669	12	125	G	55	35	33	34	55	42	28	38		34					
20-670	12	122	H	53	35	31	36	53	54	44	28		42					
21-671	1195	126	C	45	24	21	33	45	53	32	74		62					
22-672	1205	120	O	36	45	45	45	36	29	35	56		28					
23-673	119	120	C	27	20	29	22	27	22	24	48		50					
24-674	1205	123	A	40	49	29	24	40	19	22	26		20					

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STRUCTURAL RESPONSE PROGRAM

SCRATCH GAUGE

DATE 2-3-65
HOUSE SURVEILLANT

PRIME	RUN	TIME	IN	OUT	PRESSURE (BORNS)						DANE E (in)		DANE B (in)					
					1	2	3	4	5	6	IN	OUT	IN	OUT				
25-675	12	121	E	53	57	42	46	53	41	42	80		28					
26-676	12	123	E	39		33	46	39	35	35	48		34					
27-677	12	120	C	60	33	40	36	60	41	41	26		76					
28-678	12	125	A	54	41	41	64	54	73	58	24		82					
29-679	12	125	E	32	21	19	20	32	26	22	40		18					
30-680	12	120	F	56	64	50	69	56	47	37	58		46					

DATE 2-4-65
HOUSE SIGN FLY

PHASE				PRESSURE ^{PSI} (BORE)					DRAIN IN.		DRAIN B IN.	
				1	2	3	4	5	6	IN. OUT	IN.	OUT
1-681	97	120	C	6.6	2.5	-	6.9	6.9	6.2	6.5	96	78
2-682	97	118	✓	1.5	2.0	-	6.6	6.8	5.0	6.6	20	36
3-683	97	121	G	6.4	1.8	-	6.1	6.1	5.8	6.2	54	34
4-684	97	120	H	6.1	2.5	-	6.1	6.3	5.1	6.3	36	42
5-685	97	121	C	5.9	2.6	-	6.0	6.2	5.6	5.9	90	74
6-686	97	120	O	6.4	1.5	-	6.5	6.9	6.0	6.2	64	32
7-687	97	120	F	6.1	2.0	-	5.8	6.6	5.9	6.1	56	38
8-688	99	119	✓	NR	2.5	-	-	-	-	-	54	28
9-689	97	120	A	6.2	2.0	-	6.0	6.6	6.2	6.0	100	90
10-690	97	120	B	6.0	2.0	-	5.1	6.2	5.1	6.2	78	74
11-691	97	120	✓	6.0	2.0	-	5.9	6.3	5.8	5.8	52	38
12-692	97	121	F	NR	1.0	-	-	-	-	-	54	26
13-693	97	119	G	7.1	1.9	-	7.0	7.2	7.0	6.3	38	40
14-694	97	120	J.L.	5.7	2.5	-	5.6	5.8	6.1	5.5	40	56
15-695	97	121	C	6.1	2.0	-	6.2	6.7	5.8	5.7	90	72
16-696	97	119	✓	5.8	2.0	-	5.4	5.8	6.6	5.6	22	36
17-697	97	120	G	5.1	1.8	-	5.2	5.2	5.0	4.9	36	34
18-698	97	121	✓	5.0	2.5	-	5.1	5.5	4.7	4.7	34	50
19-699	97	118	G	6.6	2.0	-	6.9	5.2	7.2	6.5	82	82

DATE 2-4-65
HOUSE SIOGRAPHY

PHASE				PRESSURE (BOERS)							DANG E IN			DANG B IN		
				1	2	3	4	5	6	IN	OUT	TTL	IN	OUT	TTL	
RUN	4.5	16.0	16.0	2.20	2.20	2.20	2.20	2.20	2.20							
20-700	97	119	A	3.2	2.20	-	0.5	7.8	0.3	0.2						
21-701	97	120	C	6.6	1.90	-	6.6	6.8	6.7	6.1						
22-702	97	120	C	6.5	1.90	-	7.1	6.3	5.9	6.8						
23-703	97	120	B	5.1	2.70	-	5.0	5.2	5.1	4.5						
24-704	97	119	A	6.4	2.31	-	1.1	6.3	5.9	6.2						
25-705	97	120	C	5.9	2.50	-	5.8	5.7	6.2	5.8						
26-706	97	120	C	5.7	2.30	-	6.1	5.9	5.5	5.2						
27-707	95	120	G	2.5	1.50	-	3.8	3.7	3.4	3.2						
28-708	97	120	H	5.5	2.10	-	5.3	5.2	6.2	5.6						
29-709	97	120	G	5.3	1.50	-	5.2	5.4	5.0	4.5						
30-710	97	119	H	6.3	2.30	-	6.6	6.5	6.1	5.6						

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STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

SCRATCH GAUGE

DATE 2-5-65
HOUSE SURVEILLANT

PARAM				PRESSURE (BOREAS)						DANG E IN		DANG B IN	
				1	2	3	4	5	6	IN	OUTTL	IN	OUTTL
RUN	AL	LOC	AK	Gauge									
3-713	8.0	12	C	93	125	-	96	95	22	89	100	90	
4-714	8.0	12	A	86	130	-	93	84	84	91	100	100	
5-715	8.0	12	E	66	110	-	89	85	86	95	86	86	
6-716	8.0	119	F	91	125	-	92	90	87	90	86	84	
7-717	8.0	120	G	87	130	-	89	89	89	90	86	40	
8-718	8.0	120	H	86	130	-	86	83	87	83	42	62	
9-719	8.0	12	C	96	130	-	10	84	97	109	110	90	
10-720	8.0	120	V	90	125	-	92	86	94	88	70	38	
11-721	8.0	12	G	60	125	-	88	72	75	82	82	42	
12-722	8.0	121	H	93	130	-	101	88	84	88	46	66	
13-723	7.5	119	A	83	130	-	86	85	36	73	120	92	
14-724	7.9	121	G	101	95	-	95	97	110	103	104	92	
15-725	8.0	12	F	97	-	-	94	84	90	106	60	40	
16-726	8.0	121	E	65	135	-	82	86	91	79	56	34	
17-727	7.9	120	A	74	140	-	69	70	81	77	122	108	
18-728	8.0	120	C	84	115	-	79	82	82	83	96	82	
19-729	8.0	17	C	79	130	-	72	85	84	76	100	98	
20-730	8.0	12	V	75	135	-	71	77	77	26	26	36	
21-731	8.1	12	G	72	135	-	70	74	72	68	50	40	

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

SCRATCH GAUGE

DATE 2-5-65
HOUSE SURVEILLANT

PARAM				PRESSURE (BOREAS)						DANG E IN		DANG B IN	
				1	2	3	4	5	6	IN	OUTTL	IN	OUTTL
RUN	AL	LOC	AK	Gauge									
22-732	8.0	12	H	76	76	-	72	81	78	71	114	64	
23-733	8.0	12	C	90	125	-	84	85	91	80	118	96	
24-734	8.0	12	V	92	125	-	83	91	102	88	80	32	
25-735	8.0	119	F	70	127	-	72	64	71	64	66	46	
26-736	8.0	119	E	84	124	-	85	112	126	91	82	42	
27-737	8.0	12	A	92	125	-	89	92	101	85	112	100	
28-738	7.5	12	C	91	129	-	14	71	66	75	98	82	
29-739	8.0	114	V	80	125	-	56	11	79	82	42	34	
30-740	8.0	120	F	78	115	-	77	70	79	78	58	42	

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

SCRATCH GAUGE

DATE 2-6-65
HOUSE STREET FRONT

PHASE				PRESSURE (PSF) (BOBING)						DANE E IN		DANE B IN											
				1	2	3	4	5	6	IN OUTTL		IN OUTTL											
RUN	AT	WIND	VE	AM	PM	TIME	DATE	TIME	DATE														
1-741	72	120	G	107	2.5	-	106	10.2	10.2	48		58											
2-742	72	120	H	99	2.5	-	109	12.6	12.8	48		78											
3-743	73	122	C	108	3.3	-	105	1.5	10.8	127		108											
4-744	73	121	V	109	2.5	-	110	1.2	10.6	98		62											
5-745	73	120	G	102	2.05	-	103	1.0	9.4	52		54											
6-746	73	120	H	101	2.40	-	106	0.6	8.8	54		76											
7-747	73	121	C	103	2.35	-	94	0.7	10.7	172		100											
8-748	73	12	V	106	2.30	-	103	1.0	10.2	96		60											
9-749	73	119	G	106	2.65	-	99	1.0	11.0	107		108											
10-750	72	119	E	98	2.45	-	91	9.5	10.2	66		40											
11-751	73	119	E	114	2.25	-	108	10.8	11.3	64		44											
12-752	73	12	A	106	-	-	112	9.9	10.6	138		120											
13-753	73	12	C	101	1.65	-	103	10.6	9.5	108		100											
14-754	73	116	E	103	1.6	-	102	10.5	11.1	72		46											
15-755	73	119	E	101	-	-	106	10.7	10.5	62		42											
16-756	73	12	A	116	2.15	-	112	9.7	10.0	144		124											
17-757	73	12	C	122	2.50	-	128	13.0	11.6	196		100											
18-758	73	119	V	117	2.40	-	120	12.8	12.3	94		60											
19-759	73	120	G	112	2.9	-	91	9.4	9.1	41		54											

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

SCRATCH GAUGE

DATE 2-6-65
HOUSE STREET FRONT

PHASE				PRESSURE (PSF) (BOBING)						DANE E IN		DANE B IN											
				1	2	3	4	5	6	IN OUTTL		IN OUTTL											
RUN	AT	WIND	VE	AM	PM	TIME	DATE	TIME	DATE														
20-760	73	119	V	74	3.05	-	69	7.0	8.7	58		76											
21-761	73	12	C	119	2.7	-	127	14.5	11.5	122		100											
22-762	73	141	V	110	2.4	-	93	10.5	10.1	86		58											
23-763	73	12	C	84	2.5	-	81	7.5	8.6	44		56											
24-764	73	117	H	97	1.8	-	25	7.6	9.7	78		88											
25-765	73	12	E	109	2.7	-	115	10.5	10.9	65		44											
26-766	73	12	E	75	2.55	-	92	9.1	10.2	60		36											
27-767	73	12	A	NR	()	()	()	()	()	130		118											
28-768	73	12	C	104	4.1	-	106	9.8	10.8	115		106											
29-769	73	12	E	104	2.3	-	94	9.8	11.0	60		40											
30-770	73	120	E	124	2.5	-	119	12.3	13.4	121		24											

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

SCRATCH GAUGE

DATE 2-9-65
HOUSE JOIST FRONT

PHASE				PRESSURE (POUNDS)						DANE E IN		DANE B IN											
				1	2	3	4	5	6	IN OUTTL		IN OUTTL											
RUN	AT	TIME	IN	GAGE																			
1-79	53	116	F	146	36	—	152	146	132	154		92		52									
2-116	58	117	A	175	45	—	166	126	127	164		189		162									
3-116	63	117	F	170	45	—	126	126	127	170		86		46									
4-116	63	123	F	185	42	—	194	184	165	174		84		48									
5-116	64	129	A	135	9	—	126	124	204	15		153		134									

STRUCTURAL RESPONSE PROGRAM

COMPILED
By _____

SCRATCH GAUGE

DATE 2-10-65
HOUSE JOIST FRONT

PHASE				PRESSURE (POUNDS)						DANE E IN		DANE B IN											
				1	2	3	4	5	6	IN OUTTL		IN OUTTL											
RUN	AT	TIME	IN	GAGE																			
1-118	57	115	F	192	42	—	202	190	186	186		106		10									
2-118	55	118	C	210	63	—	230	208	236	236		180		140									
3-118	58	118	F	157	42	—	208	208	152	180		100		60									
4-118	57	11	F	170	52	—	186	166	126	126		120		92									
5-118	565	11	A	175	59	—	228	208	182	254		146		200									
6-118	57	11	F	143	45	—	164	146	136	166		124		80									

John A. Blume & Associates, San Francisco, Calif. STRUCTURAL REACTION PROGRAM - NATIONAL SONIC BOOM STUDY PROJECT. Vol. 1, 317 pp., incl. illustrations, bibliography (33 refs) and source list; Vol. 2, Appendix, 196 pp. incl. illustrations and diagrams. (Contract FA-88-65-12.) Report No. SST 65-15, Vol. 1 and Vol. 2 UNCLASSIFIED I. John A. Blume & Associates II. Contract FA-88-65-12 III. Report No. SST 65-15 Vol. 1; Vol. 2 (Appendices) DESCRIPTIONS Sonic Boom Structural Response Supersonic Aircraft Noise Damage Overpressure Shockwaves White Sands Missile Range	John A. Blume & Associates, San Francisco, Calif. STRUCTURAL REACTION PROGRAM - NATIONAL SONIC BOOM STUDY PROJECT. Vol. 1, 317 pp., incl. illustrations, bibliography (33 refs) and source list; Vol. 2, Appendix, 196 pp. incl. illustrations and diagrams. (Contract FA-88-65-12.) Report No. SST 65-15, Vol. 1 and Vol. 2 UNCLASSIFIED I. John A. Blume & Associates II. Contract FA-88-65-12 III. Report No. SST 65-15 Vol. 1; Vol. 2 (Appendices) DESCRIPTIONS Sonic Boom Structural Response Supersonic Aircraft Noise Damage Overpressure Shockwaves White Sands Missile Range
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The test area included 21 structures varying in design, construction and age. Furniture, mirrors, television sets and other home appliances, dishes, crystal, bric-a-brac and various other items were in the test structures.

The test site was exposed to 1494 sonic booms of overpressures ranging from 1.6 to 23.4 pounds per square foot (p.s.f.). Sonic booms and structural material reaction were measured.

To study the cumulative effects of repeated sonic booms, 680 successive flights at a scheduled overpressure of 5.0 p.s.f. were generated during one period of the study.

It is concluded that no previously undamaged material was identified during the accumulative effects portion of the study. Sonic boom overpressure levels at which incipient effects appear in structures and materials are presented.

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