

AD-A136 880

PORTABLE LIFE SUPPORT STRETCHER UNIT (PLSSU):
ENGINEERING DRAWINGS(U) NAVAL OCEAN SYSTEMS CENTER SAN
DIEGO CA R W KATAOKA JUN 83 NOSD/TD-604

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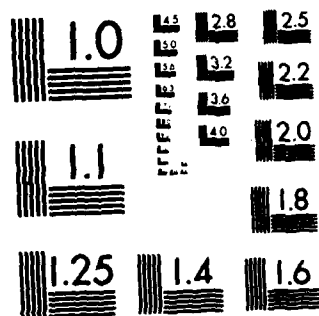
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

AD A136880

NOSC TD 604

NOSC TD 604

Technical Document 604

**PORTABLE LIFE SUPPORT
STRETCHER UNIT (PLSSU):
ENGINEERING DRAWINGS**

R. W. Kataoka

June 1983

Prepared for
Naval Medical Research and Development Command
(Code 45)
Bethesda, MD, 20014

Approved for public release; distribution unlimited

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NAVAL OCEAN SYSTEMS CENTER
San Diego, California 92152

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NAVAL OCEAN SYSTEMS CENTER, SAN DIEGO, CA 92152

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JM PATTON, CAPT, USN

Commander

HL BLOOD

Technical Director

ADMINISTRATIVE INFORMATION

This report is one in a series on the Portable Life Support Stretcher Unit (PLSSU), sponsored by the Naval Medical Research and Development Command (Code 45) under program element 64711N, subproject M0933-PN (NOSC work unit FA23). Principal investigator for this project is R.W. Kataoka of the Naval Ocean Systems Center (NOSC), Bio-engineering Branch (Code 5143), under the direction of Dr. W.T. Rasmussen, Head, Code 5143.

Released by
L.W. Bivens, Head
Biological Sciences Division

Under authority of
H.O. Porter, Head
Biosciences Department

RH

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER NOSC Technical Document 604 (TD 604)	2. GOVT ACCESSION NO. AD. A136880	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) PORTABLE LIFE SUPPORT STRETCHER UNIT (PLSSU): ENGINEERING DRAWINGS		5. TYPE OF REPORT & PERIOD COVERED
		6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s) R.W. Kataoka	8. CONTRACT OR GRANT NUMBER(s)	
9. PERFORMING ORGANIZATION NAME AND ADDRESS Naval Ocean Systems Center San Diego, CA, 92152	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS 64711N, M0933-PN	
11. CONTROLLING OFFICE NAME AND ADDRESS Naval Medical Research and Development Command (Code 45) Bethesda, MD, 20014	12. REPORT DATE June 1983	
	13. NUMBER OF PAGES	
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)	15. SECURITY CLASS. (of this report) Unclassified	
	15a. DECLASSIFICATION/DOWNGRADING SCHEDULE	
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Portable Life Support Stretcher Unit (PLSSU) MEDEVAC Engineering drawings		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) Engineering drawings for the Portable Life Support Stretcher Unit (PLSSU) are presented.		

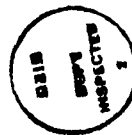
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(3 sheets)

Drawings . . . 15
(37 sheets)



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Date	Special
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INTRODUCTION

Where patient transfers are required between primary and definitive care centers, there is the problem of gathering a complete set of medical equipment and supplies to assure that the patient's condition can be maintained during the transfer. The Portable Life Support Stretcher Unit (PLSSU) is being developed to provide a patient litter with all necessary features.

The PLSSU is similar in configuration to a standard canvas litter. This allows it to interface with all military aircraft and vehicles designed to carry casualties on canvas litters. Standard military aircraft litter rack equipment, hoists, and securing equipment designed for the canvas litter can be used without modification. An important feature of the PLSSU is that it quickly transforms a utility helicopter or other transport vehicle into an equipped MEDEVAC unit, and just as quickly returns it to utility status. During a MEDEVAC operation, the patient is carried on a canvas litter, backboard, or Stokes litter, all of which can be attached to the PLSSU.

The equipment and supplies provided allow the PLSSU to function as a portable self-contained crash cart while transporting a patient. Four drawers for equipment and supplies are accessible from either side and are removable. These drawers contain suction equipment, airways and resuscitation equipment, medicines, a blood-pressure cuff, a stethoscope, and intravenous supplies. The PLSSU also carries its own supply of oxygen and an ECG monitor and defibrillator unit.

This technical document contains the engineering drawings for the PLSSU. An associated technical report¹ is required for assembly of the PLSSU.

¹NOSC TD 370, Portable Life Support Stretcher Unit (PLSSU): Assembly Information, by R. W. Kataoka, August 1980.

DL 0111752

FSCM NO.

SHEET 2

[illegible]

PARTS LIST				NAVAL OCEAN SYSTEMS CENTER SAN DIEGO, CALIFORNIA 92152				FSCM NO. 55910	DRAWING NO. PL 0111752
LIST TITLE STRETCHER ASSY, PORTABLE LIFE SUPPORT				RELEASE DATE 1-18-83		PROJECT NO.		APPROVED <i>L.W. Karabin</i>	REVISION DATE
ITEM NO.	QUANTITY REQUIRED			FSCM NO.	PART NUMBER	DESCRIPTION			
1	-				-1	ASSEMBLY			
2	1			89199	0010702-1	WELDMENT ASSY, MAIN FRAME			
3	4			89199	0010791-1	HANDLE			
4	4			89199	0010796-1	TRAY, DRAWER GUIDE			
5	1				0111753-1	PLATE ASSY, TOP			
6	1				0111754-1	PLATE ASSY, BOTTOM			
7	1				0111755-1	PLATE, RIGHT END			
8	1				0111756-1	PLATE, LEFT END			
9	2			71823	1665 1/2 XDN	CASTER, SWIVEL			
10	2			71823	1665 1/2 XDN EZ	CASTER, SWIVEL			
11	1			89199	0010797-1	RACK ASSY, O ₂ BOTTLE			
12	2				0010799-1	STRAP ASSY, CARGO			
13	4				0010799-2	STRAP ASSY, CARGO			
14	2				0010801-1	STRAP ASSY, LIFE PAK 5			
15	2				0010801-2	STRAP ASSY, LIFE PAK 5			
16	2				0010802-1	STRAP ASSY, STUNED LITTER			
17	2				0010802-2	STRAP ASSY, STUNED LITTER			
18	8				0010880-1	LOCK, WING ASSY			
19	3				0010792-1	DRAWER ASSY			
20	1				0010792-2	DRAWER ASSY			
21	2				0010793-1	TRAY ASSY, DRAWER			
22	4				0010794-1	DIVIDER, DRAWER			
23	12				0010794-2	DIVIDER, DRAWER			
24	4				0010882-1	PIN ASSY, QUICK RELEASE			
25	4				0010784-1	PLATE, FOOT RETAINER			
26	4				0010785-1	PLATE, FOOT RETAINER			
27	4				0010787-1	SPACE, FOOT			
28	8			89199	0010786-1	BLOCK, HANDLE CLAMP			
29	8				0010788-1	HANDLE, FOOT			

PARTS LIST		CONTINUATION SHEET				FSCN NO. 55910	DRAWING NO. PL 0111752	REV. LTR A
								SMT 2
ITEM NO.	QUANTITY REQUIRED				FSCN NO.	PART NUMBER	DESCRIPTION	
	-1							
32	6					MS35308-303	SCREW, CAP, HEX HD	1/4-28 X .50 L
33	2					MS51957-87	SCREW, PAN HEAD	1/4-20 X 2.0 L
34	8					MS35493-51	SCREW, WOOD, ROUNDHEAD	#8 TAP
35	16					MS51959-87	SCREW, FLAT HEAD	1/4-20 X 2.0 L
36	32					MS51959-49	" " "	8-32 X 1.0 L
37								
38	4					MS51960-74	" " "	10-32 X 2.25 L
39	64					MS51959-13	SCREW, MACHINE FLAT HD	4-40 X .25
40	10					MS21044C4	NUT, SELF-LOCKING, HEX	1/4-28
41	24					MS35649-225A	NUT, PLAIN, HEX 300 SERIES	1/4-20
42	12					MS35649-204	NUT, PLAIN, HEX 300 SERIES	10-32
43	32					MS35649-284	" " " " "	8-32
44	64					MS35649-244	" " " " "	4-40
45	48					MS15795-810	WASHER, FLAT -	#1/4
46	8					MS15795-842	" " "	#10
47	32					MS15795-806	" " "	#8
48	4					MS35338-139	WASHER, LOCK-SPRING, HELICAL 300 SERIES	#1/4
49	4					MS35338-138	" " " " "	#10
50	32					MS35338-137	" " " " "	#8
51	64					MS35338-135	" " " " "	#4
52	12				89199	0010788-2	FERRULE	
53	4				89199	0010788-1	FERRULE	
54	2					MS35307-306	SCREW, CAP, HEX HD	1/4-20 X .75 L
55	2				89199	0010790-1	LATCH POST	
56	2				89199	0010789-1	SUPPORT, LATCH POST	
57	2					MS51959-88	SCREW, FLAT HD	1/4-20 X 2.25 L
58	2					MS51960-75	SCREW, FLAT HD	10-32 X 2.50 L
59	2					-59	LABEL: EMERGENCY	
60	2					-60	LABEL: SUCTIONS	
61	2					-61	LABEL: AIRWAYS	
62	2					-62	LABEL: IV MISC	
63	1					-63	LABEL: OXYGEN	

37						MS51960-74	" " "	10-32 X 2.25L
38	4					MS51959-13	SCREW, MACHINE FLAT HD	4-40 X .25
39	64					MS21044C4	NUT, SELF-LOCKING, HEX	1/4-20
40	10					MS35649-2254	NUT, PLAIN, HEX 300 SERIES	1/4-20
41	24					MS35649-204	NUT, PLAIN, HEX 300 SERIES	10-32
42	12					MS35649-284	" " " " "	8-32
43	32					MS35649-244	" " " " "	4-40
44	64					MS15795-810	WASHER, FLAT -	#1/4
45	48					MS15735-842	" "	#10
46	8					MS15795-806	" "	#8
47	32					MS35338-139	WASHER, LOCK-SPRING, HELICAL 300 SERIES	#1
48	4					MS35338-138	" " " " "	#1
49	4					MS35338-137	" " " " "	#1
→ 50	32					MS35338-135	" " " " "	#1
51	64							
52	12				89199	0010788-2	FERRULE	
53	4				89199	0010788-1	FERRULE	
54	2					MS35307-306	SCREW, CAP, HEX HD	1/4-20 X .75L
55	2				89199	0010790-1	LATCH POST	
56	2				89199	0010789-1	SUPPORT, LATCH POST	
57	2					MS51959-88	SCREW, FLAT HD	1/4-20 X 2.25L
58	2					MS51960-75	SCREW, FLAT HD	10-32 X 2.50L
59	2					-59	LABEL: EMERGENCY	
60	2					-60	LABEL: SUCTIONS	
61	2					-61	LABEL: AIRWAYS	
62	2					-62	LABEL: IV MISC	
63	1					-63	LABEL: OXYGEN	
64	1					-64	LABEL: DEFIB	
65	2					-65	LABEL: STOKES LITTER STRAPS	
66	1					-66	CROSS, RED, 3M REFLECTIVE	

REVISIONS					REVISIONS		
LTR	DESCRIPTION	DATE	APP		LTR	DESCRIPTION	DATE
A	ITEM 66 ADDED 3M REFLECTIVE	10-20-83					

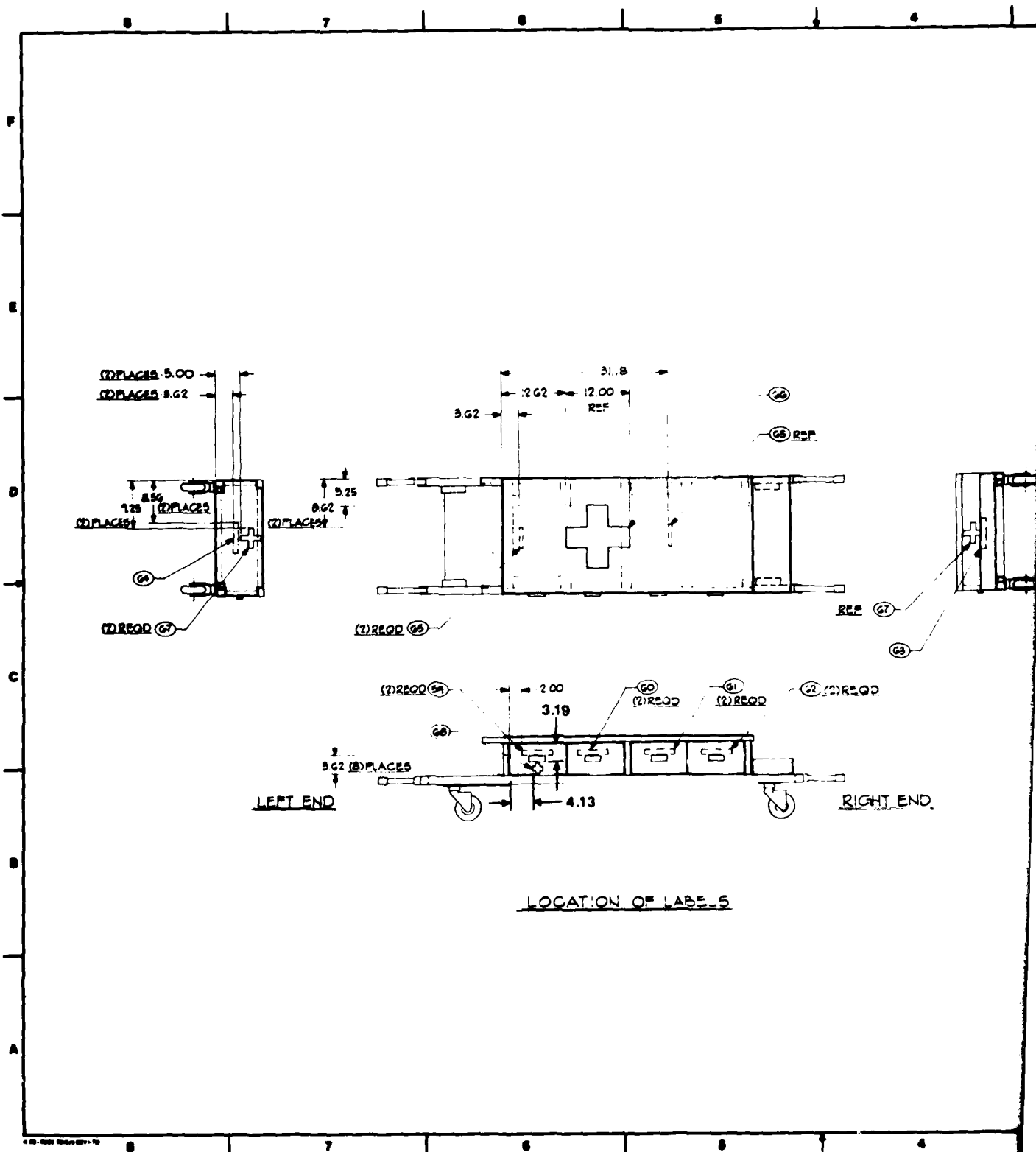
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REVISIONS				REVISIONS			
LTR	DESCRIPTION	DATE	APP	LTR	DESCRIPTION	DATE	APP
A	ITEM 67 ADDED 3M REFLECTIVE ITEM 68 ADDED 3M REFLECTIVE CHG 1 REQ'D to 2 REQ'D	10-20-83					

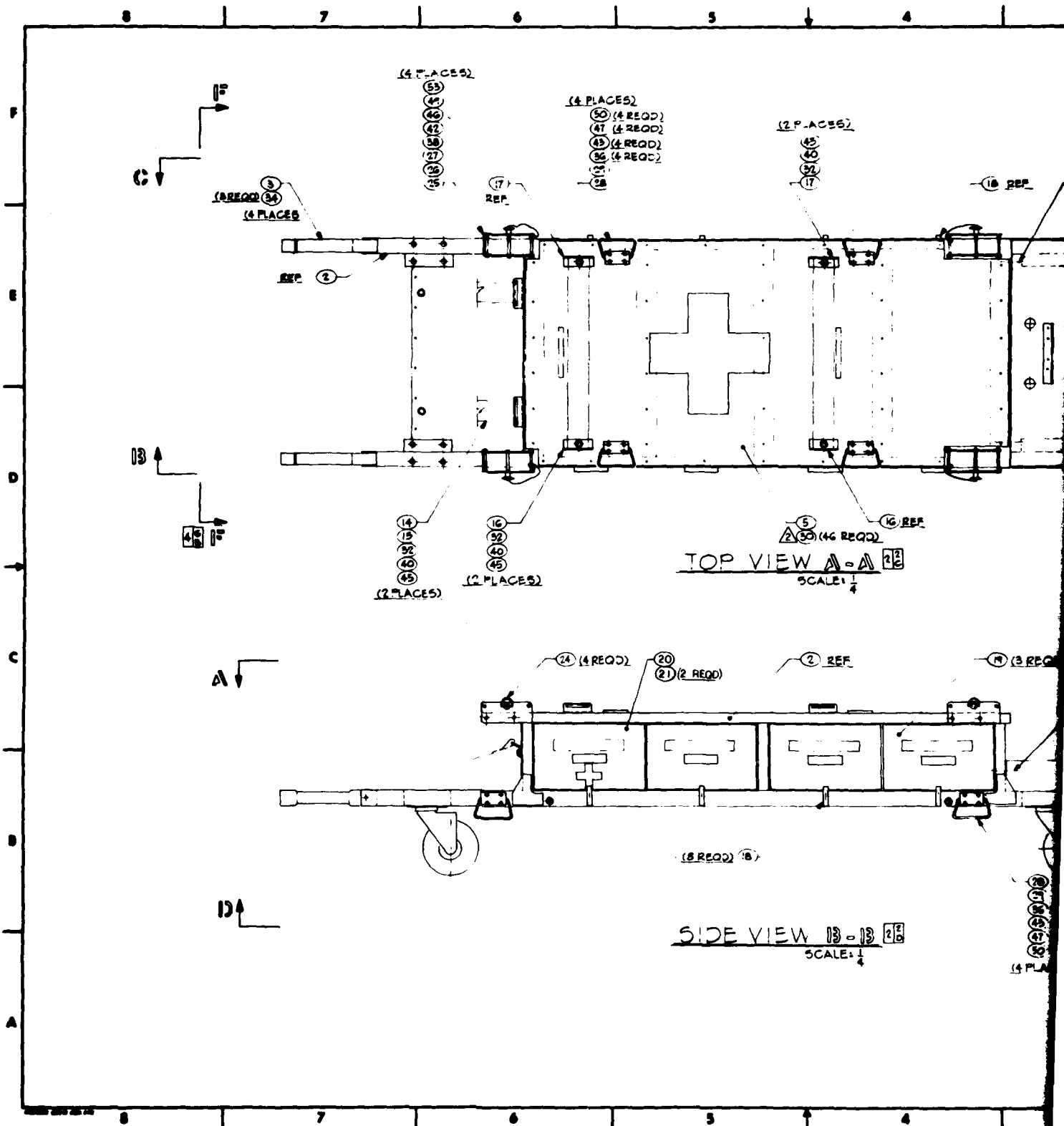
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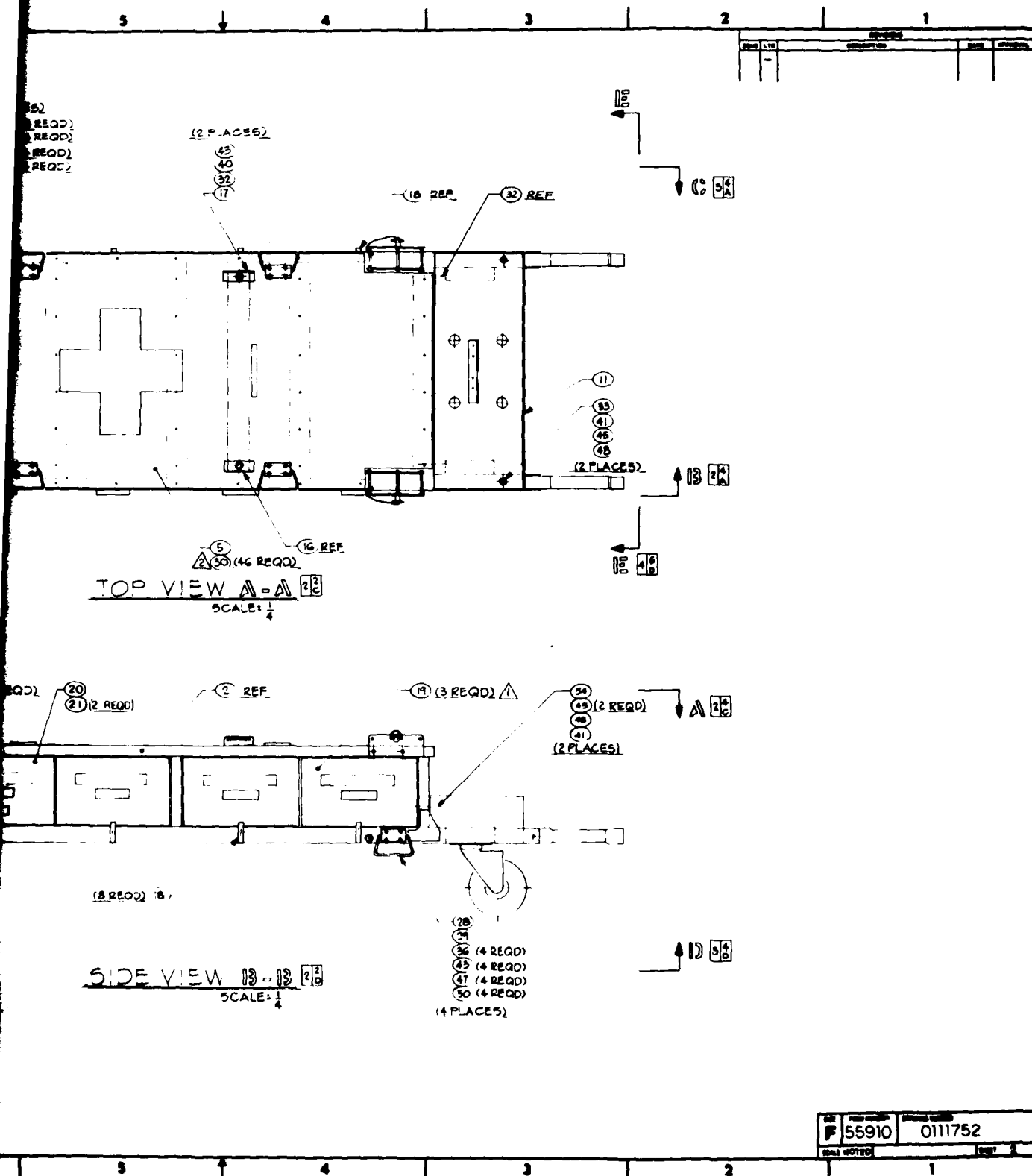
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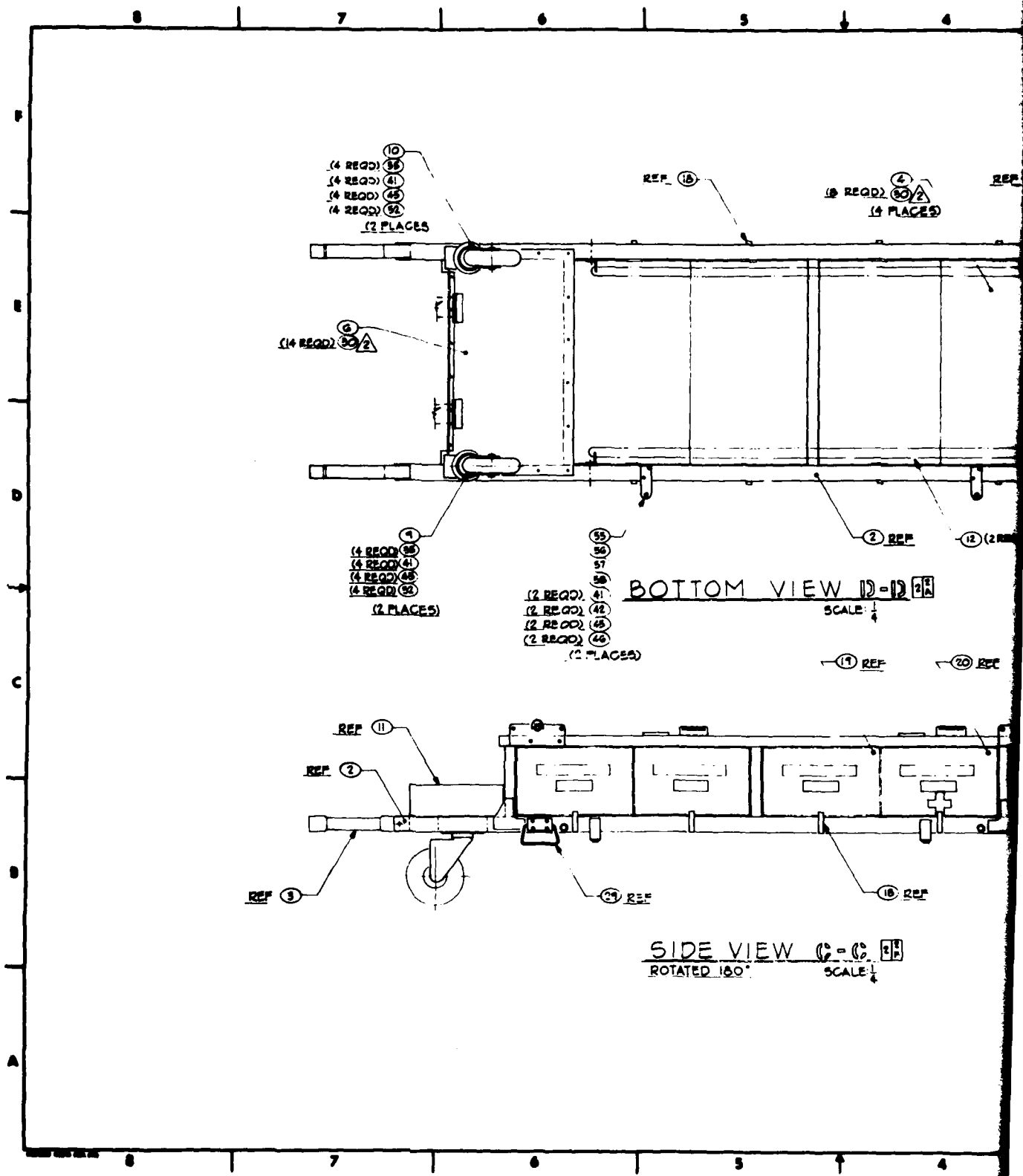
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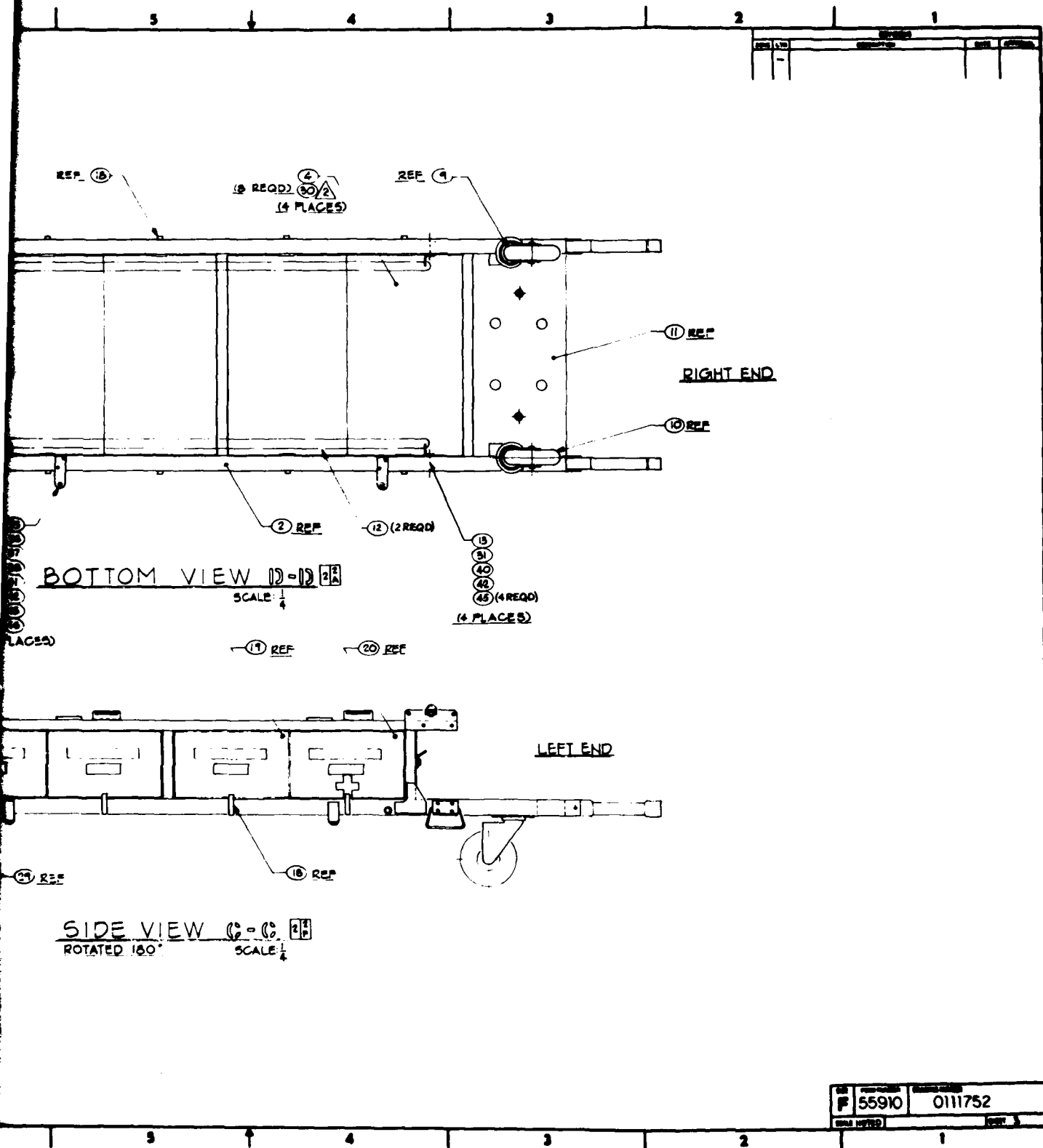


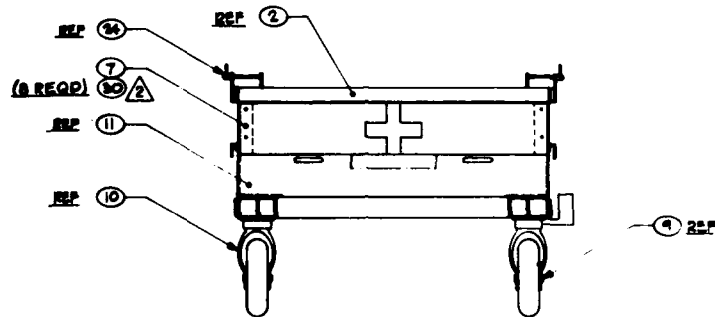
STY	REV	PCN	NO	PART OF	DESCRIPTION OF MODIFICATION	REASON, PART / REV	REV
				IDENTIFYING NUMBER			
REVISIONS TO BE ACCUMULATED WITH AN STY NO.				PART LIST			
DO NOT SCALE THIS DRAWING				FINAL DESIGN APPROVED BY SAN DIEGO, CA OFFICE			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES UNLESS ALL DIMENSIONS ARE IN FEET DIMENSIONS ARE EX - DIM DIMENSIONS ARE DIMENSIONS ARE DIMENSIONS ARE				APPROVED BY <i>N. Chisholm</i> <i>FA23</i> APPROVED BY APPROVED BY APPROVED BY <i>ENE (2000)</i> <i>FA23</i>			
PROJECT NUMBER <i>FA23</i> CONTRACT NUMBER <i>5113</i> DRAWING FOR				STRETCHER ASSEMBLY, PORTABLE LIFE SUPPORT			
APPROPRIATE REV A USED ON				REV USED ON DRAWING NUMBER <i>0111752</i>			
APPLICATION RELEASED DATE				REV USED ON DRAWING NUMBER <i>0111752</i>			







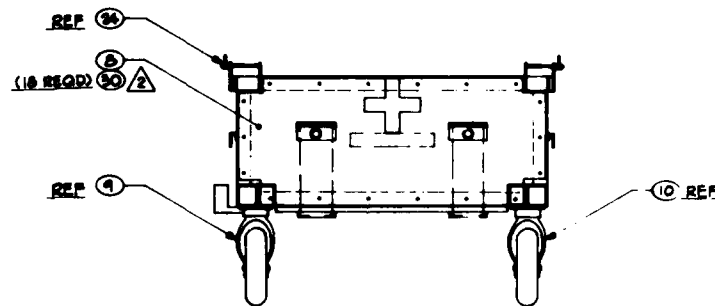




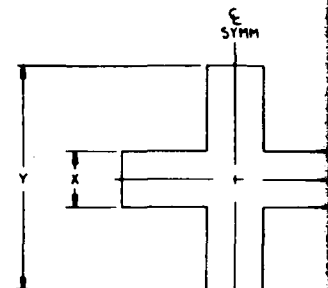
RIGHT END VIEW $\frac{1}{8} = \frac{1}{8}$ $\frac{2}{8}$
 ROTATED 90° SCALE: $\frac{1}{4}$



-59 THRU -65 L
 SCALE: $\frac{1}{4}$



LEFT END VIEW $\frac{1}{8} = \frac{1}{8}$ $\frac{2}{8}$
 ROTATED 90° SCALE: $\frac{1}{4}$



-66 THRU -68 C
 SCALE: $\frac{1}{4}$

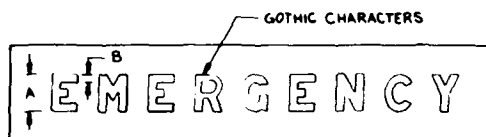


TABLE A

DASH NO	DIM. A	DIM. B	NOMENCLATURE
59	.69	.150	EMERGENCY
60			SUCTIONS
61			AIRWAYS
62			IV MISC
63			OXYGEN
64	.69	.150	DEFIB
65	.25	.080	STOKES LITTER STRAPS

MATERIAL:

- 59 THRU - 65 LABEL
SCALE: NONE

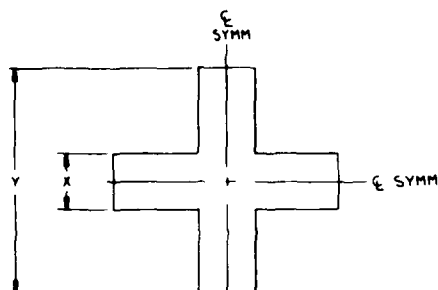


TABLE B

DASH NO	DIM. X	DIM. Y
66	4.00	12.00
67	1.25	4.00
68	.88	2.75

MATERIAL:

- 66 THRU - 68 CROSS, RED
SCALE: NONE

REF	55910	0111752
DATE	REVISED	DATE

NOTES:

1. INTERPRET DRAWINGS IN ACCORDANCE WITH MIL-STD-100.

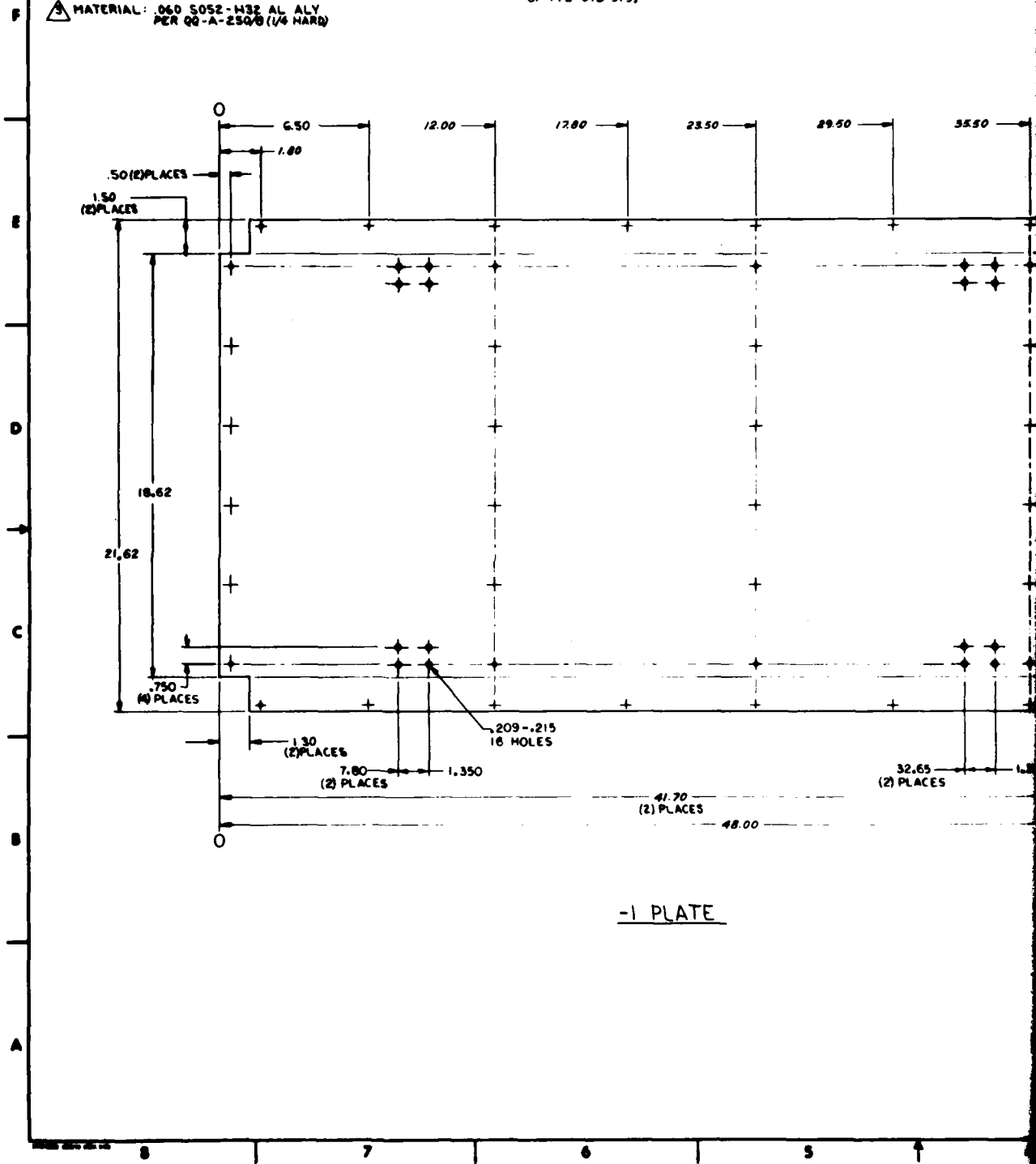
2. MARK PART NUMBER 55910-011753 AND APPLICABLE DASH NUMBER APPROX. WHERE SHOWN IN .12 HIGH GOTHIC CHARACTERS USING EPOXY MARKING INK IN ACCORDANCE WITH MIL-I-43883 (BLACK).

3. MATERIAL: .060 5052-H32 AL ALY
PER QQ-A-250/8 (1/4 HARD)



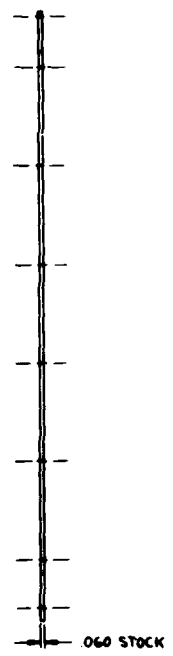
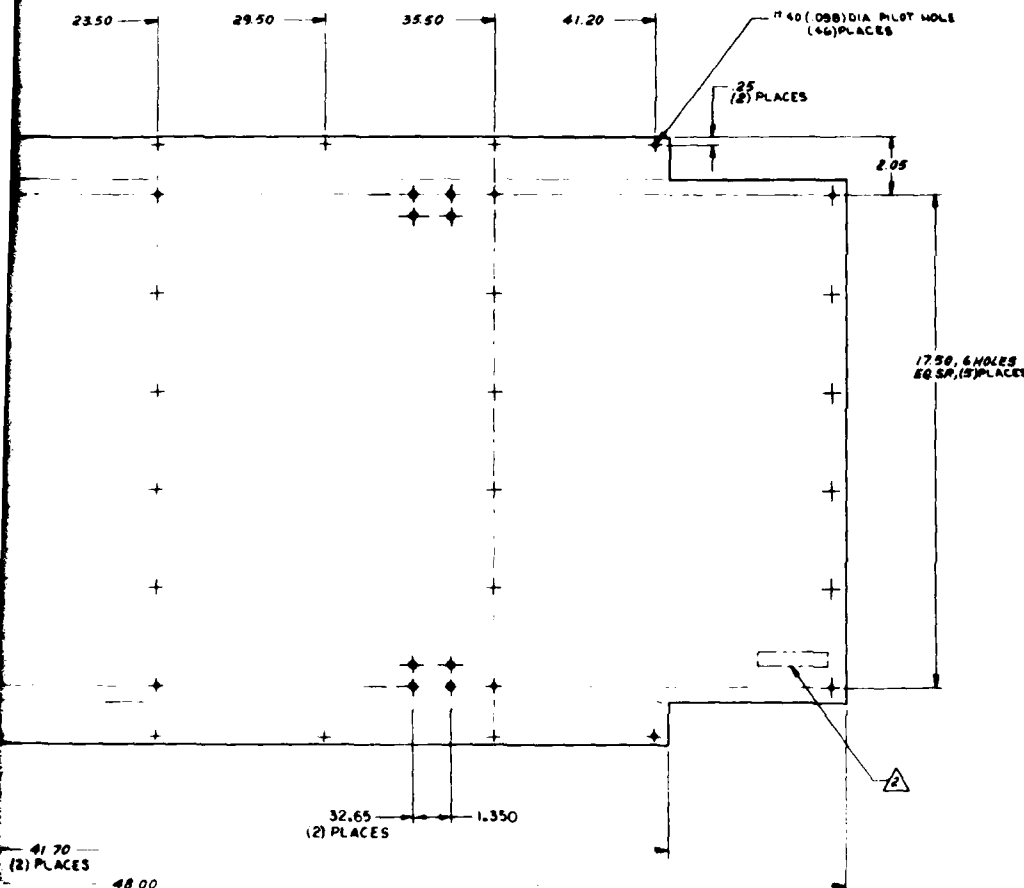
FINISH:

APPLY PRIMER MIL-P-24441/3 .0004 TO .0009 THK.
PAINT WITH MIL-C-83266 URETHANE COATING
.0014-.0016 TOTAL THK. COLOR WHITE NC.17.25
OF FED-STD-575.



P-244417, .0004 TO .0009 THK.
 33266 URETHANE COATING
 THK. COLOR WHITE NC.17J25

REV	DATE	DESCRIPTION	BY	APP
A1		ADDED: TITLE, DIMS NO, END VIEW	1-11-75	bat
A3		APPLICATION, 1-1 PLATE, DELETED PARTS LIST, ITEM 1 (ITEM 2 (AND RELATED DIMS FOR ITEM 2) HOLE CALLOUT WAS: ".187 DIA, 44 HOLES" EME (CONTR) 5/15/76		



1 PLATE

QTY	REV	DATE	DESCRIPTION OR IDENTIFICATION	DATE LIST
1 PLATE 17.50 (40) DIA. PLUG HOLE (46) PLACES .25 (2) PLACES 17.50, 6 HOLES 86 SR, (5) PLACES 41.70 (2) PLACES 48.00				
APPROVED: <i>[Signature]</i> 1-11-75 DATE: 1-11-75 DRAWN: <i>[Signature]</i> CHECKED: <i>[Signature]</i> PART NO: 0111753 SCALE: 1/2" = 1"				

2

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH MIL-STD-100

2. MARK PART NUMBER 5590-0111754 AND APPLICABLE DASH NUMBER APPROX WHERE SHOWN IN .12 HIGH GOTHIC CHARACTERS USING EPOXY MARKING INK IN ACCORDANCE WITH MIL-I-45533 (BLACK)

3. SURFACES SHALL BE FLUSH WITHIN .020

4. MATERIAL: 6063-T5 AL ALY
PER QQ-A-200/9

5. MATERIAL: D60 5052-H32 AL ALY
PER QQ-A-250/8 (1/4 HARD)



FINISH:

APPLY PRIMER MIL-I-24441/3
PAINT WITH MIL-C-63286 URETHANE
.0014-.0016 TOTAL THK., COLOR WHITE NO. 17325
OF FED-STD-575.

F

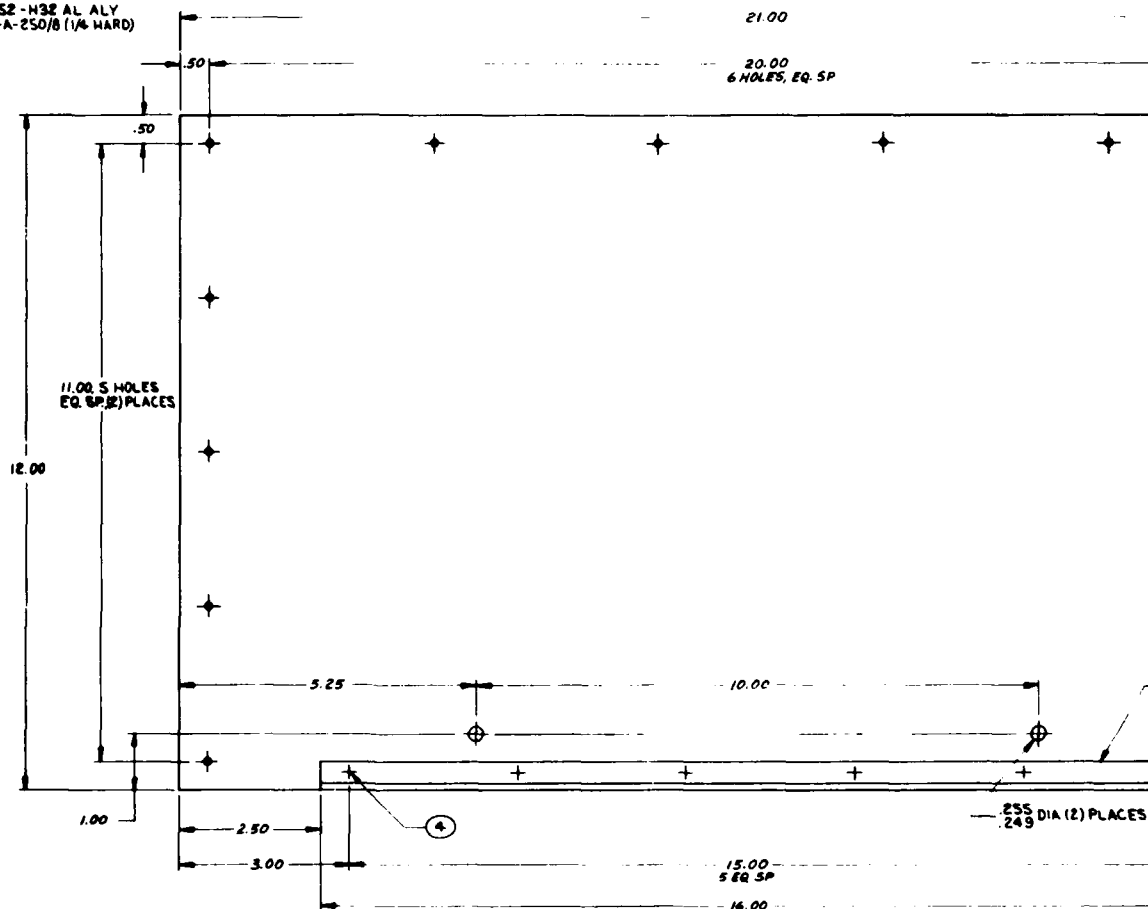
E

D

C

B

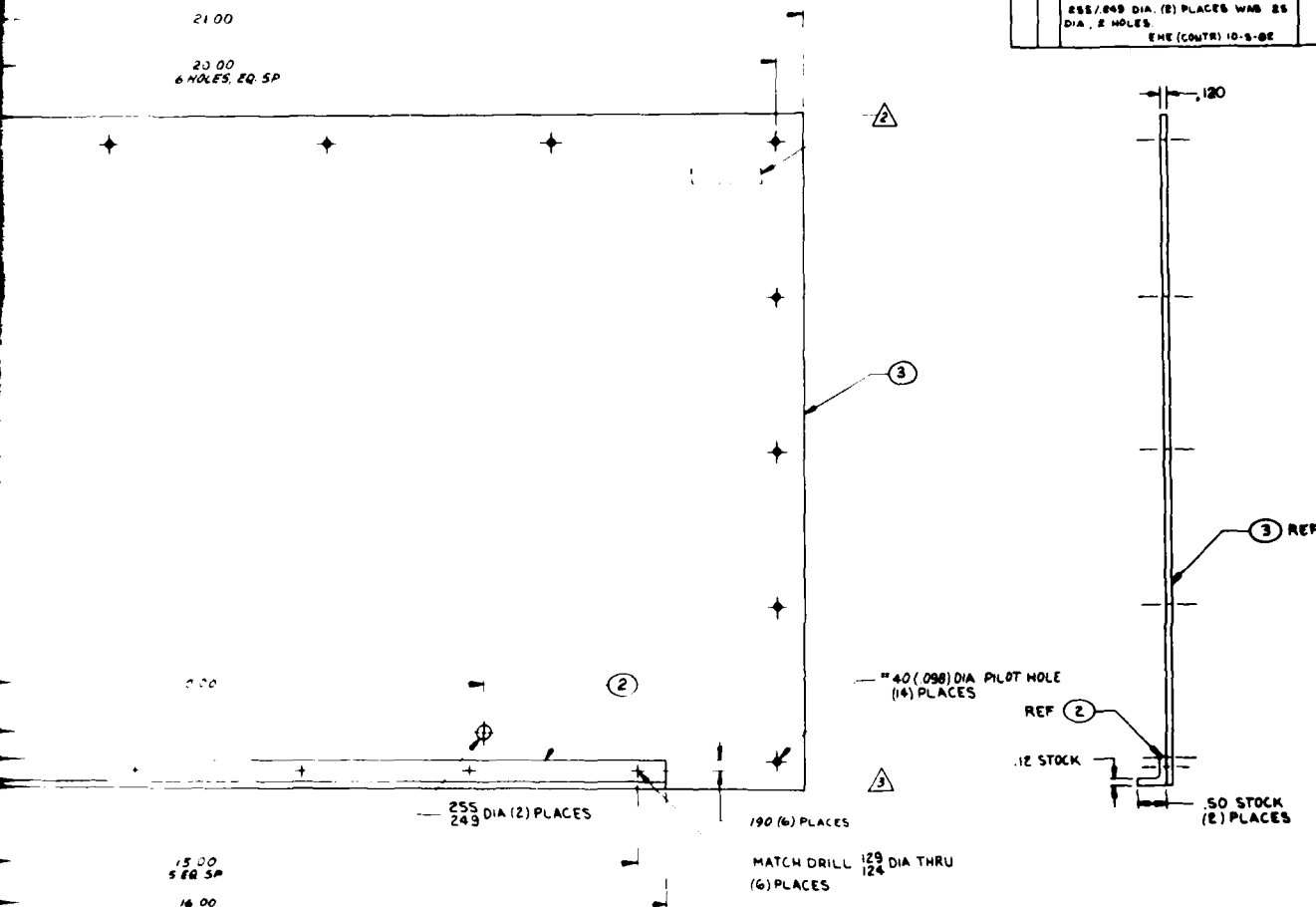
A



-1 PLATE ASSEMBLY

9-244417 J
32PE CRITHANE
THK., COLOR WHITE NO. 17325

		Description		Date	Signature	
FORM	LTR	Description		Date	Signature	
A1	A	ADDED TITLE, DWS NO, APPLICATION			7-8-53	See
A3		 END VIEW CHANGED PARTS  LIST RELATED INFORMATION ON BACK OF DRAWING: - 1 PLATE ASSY WAS - 101 PLATE, BOTTOM - 2 ANGLE WAS - 108 ANGLE, ADDED: - 1 PLATE - 4 BUSH W 1.00 DIA PILOT HOLE (11) PLACES WAS .187 DIA, 4 HOLES MATCH DRILL 125/120 DIA THRU (4) PLACES WAS MATCH DRILL .187 DIA, 6 HOLES THRU ITEM 1 (1) 2 E 255/.049 DIA. (8) PLACES W/ 25 DIA, 2 HOLES EHE (CONTR) 10-5-52				



-1 PLATE ASSEMBLY

6		MS20470AD4-7		RIVET .12 DIA X .43L		4	
1		-3		PLATE		3	
1		-2		ANGLE		2	
1		-1		PLATE ASSY		1	
7		CODE IDENT NO		PART OR IDENTIFYING NUMBER		NATIONAL STOCK NO	
QTY		REQ		REQUISITION OR INQUIRY		ITEM NO	

USED BY OTHERS: SPECIFY NUMBER ALL OTHERS: 02 BAK NUMBERED AND IN QUANTITY AND YOU NUMBERING ARE RE: 03 RE: 0K ANGLE NO: 12 INITIAL: A		NAVAL OCEAN SYSTEMS CENTER SAN DIEGO, CALIFORNIA 92160 PLATE ASSEMBLY, BOTTOM DATE: 1-8-52 APPROVED: [Signature] APPROVED: DRAWN: CHECKED: DATE SET: 1-8-52 FOR MR. PAUL H. MARY COMPLAINT NO. 4852	
QTY: 1 REQ: 1 USED BY: NAVY APPLICATION:		PART NUMBER: A DATE: 1-8-52 QTY: 1 REQ: 1 USED BY: NAVY APPLICATION:	

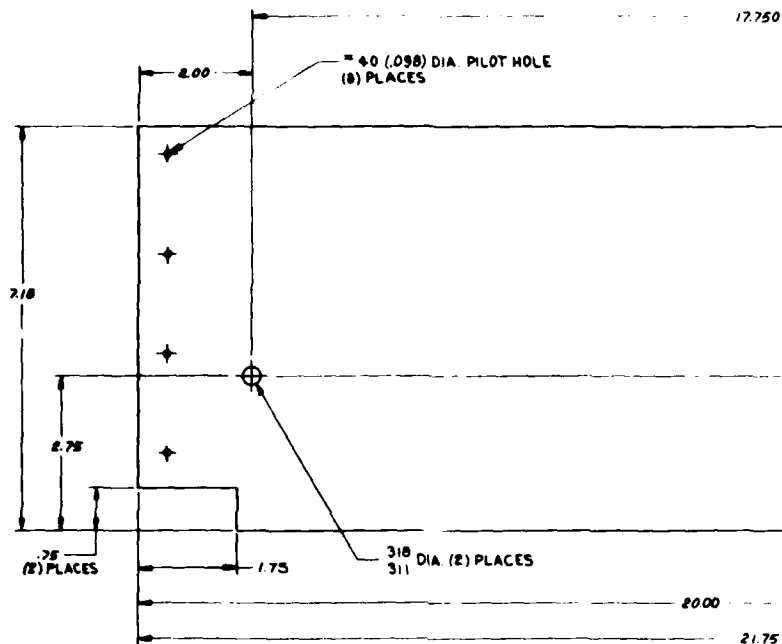
NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH MIL-STD-100

2. MARK PART NUMBER 5880-0111755 AND APPLICABLE
BAG. NUMBER APPROX. 10000 SHOWN IN 1/8 HIGH GOTHIC
CHARACTER USING EPOXY MARKING INK IN ACCORDANCE
WITH MIL-T-63553 (BLACK)

3. MATERIAL: 6061-T6 AL ALY.
PER QQ-A-250/9 (A HARD)

4. FINISH:
APPLY PRIMER MIL-P-24441/9 .0006 TO .0009 THK.,
PAINT WITH MIL-C-83286 URETHANE COATING
.0014-.0016 TOTAL THK. COLOR WHITE NO. 17925
OF FED-STD-575.



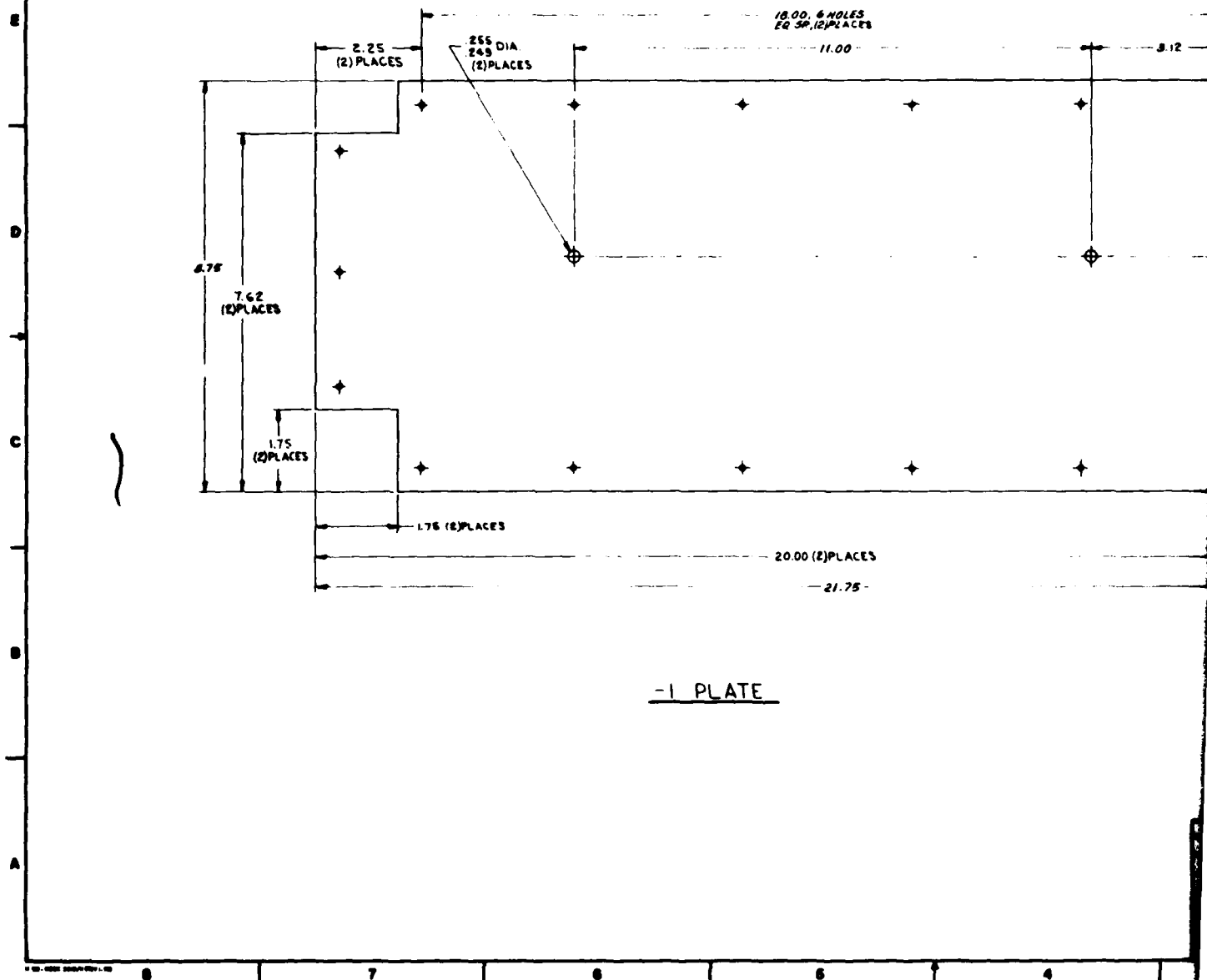
-1 PLATE

NOTES:

1. MARK PART NUMBER 55910-0111756 AND APPLICABLE DASH NUMBER APPROX. WHERE SHOWN IN .12 HIGH 68THC CHARACTERS USING EPOXY MARKING INK IN ACCORDANCE WITH MIL-I-43833 (BLACK).

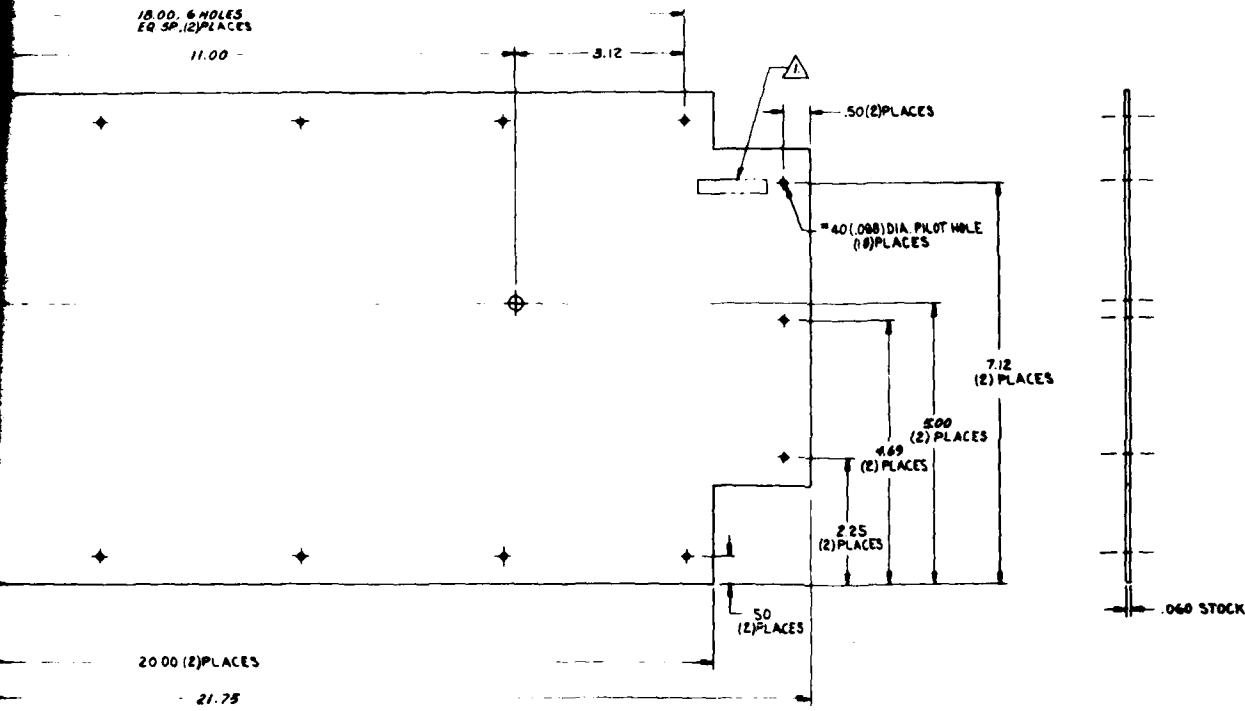
2. MATERIAL: .060 5052-H32 AL ALY
PER QQ-A-250/8 (1/4 HARD)

3. FINISH: APPLY PRIMER MIL-P-24441/9 .0006 TO .0009 THK. PAINT WITH MIL-C-83286 URETHANE COATING .0014 .0016 TOTAL THK., COLOR WHITE NO. 17925 OF FED-STD-575.



5 4 3 2 1

REV	DATE	DESCRIPTION	BY	CHKD
A1		ADDED TITLE, DWG NO, APPLICATION, NOTES 314	P.A. 51	P.A.
A5		DELETED PARTS LIST, 1725 WAS 18.00, 2.25 (2) PLACES WAS 1.00, 7.62 (2) PLACES WAS 7.75, 1.75 (2) PLACES WAS 1.61, 20.00 (2) PLACES WAS 20.12, 2.12 WAS 3.00, 50 (2) PLACES WAS .25, 2 PLCS 7.12 (2) PLACES WAS 7.50 = 401.0000 DIA. PILOT HOLE (18) PLACES WAS .187 DIA. 18 HOLES, 2.25/.25 DIA. (5) PLACES WAS .25 DIA. 2 HOLES ENE (CONTR) 10-5-82		



-1 PLATE

PART OR IDENTIFYING NUMBER		REVISIONS TO IDENTIFYING NUMBER		QUANTITY, PERCENT, PER UNIT		REV
QTY	REV	REV	REV	REV	REV	REV
PART NAME						
PLATE, LEFT END						
DRAWN BY: P.A. 51						
CHECKED BY: P.A. 51						
DATE: 10-5-82						
SCALE: 1/1						
SHEET 1 OF 1						

2

GENERAL NOTES:

1. FINISH: APPLY PRIMER MIL-P-24441/9 0006 TO 0009 THK.. PAINT WITH MIL-C-83286 URETHANE COATING 0014- 0016 TOTAL THK. COLOR WHITE NO 179/5 OF FED-STD-575
2. DO NOT SCALE DRAWINGS, WORK TO DIMENSIONS GIVEN
3. ALL WELDED ASSEMBLY, WELDING SHALL BE IN ACCORDANCE WITH MIL-W-8604
- ⚠ MARK PART NO. 0010702 - AND APPLICABLE DASH NUMBER APPROX WHERE SHOWN IN 12 HIGH GOTHIC CHARACTERS USING EPOXY MARKING (INK/BLACK). MARKING SHALL BE IN ACCORDANCE WITH MIL-I-43558
- ⚠ MATERIAL: 6061-T6 AL ALY PER QQ-A-200/16
- ⚠ MATERIAL: 6061-T6 AL ALY PER QQ-A-250/11
- ⚠ MATERIAL: 6068-T52 AL ALY PER QQ-A-200/9
- ⚠ MATERIAL: 6068-T6 AL ALY PER QQ-A-200/9

SHEET INDEX

SHEET NO	DESCRIPTION
1	NOTES, PARTS LIST, & REVISIONS
2	WELDMENT: TOP & SIDE VIEW
3	WELDMENT: BOTTOM & SECTION VIEWS
4	WELDMENT: END & SECTION VIEWS, DETAIL PARTS
5	DETAIL PARTS

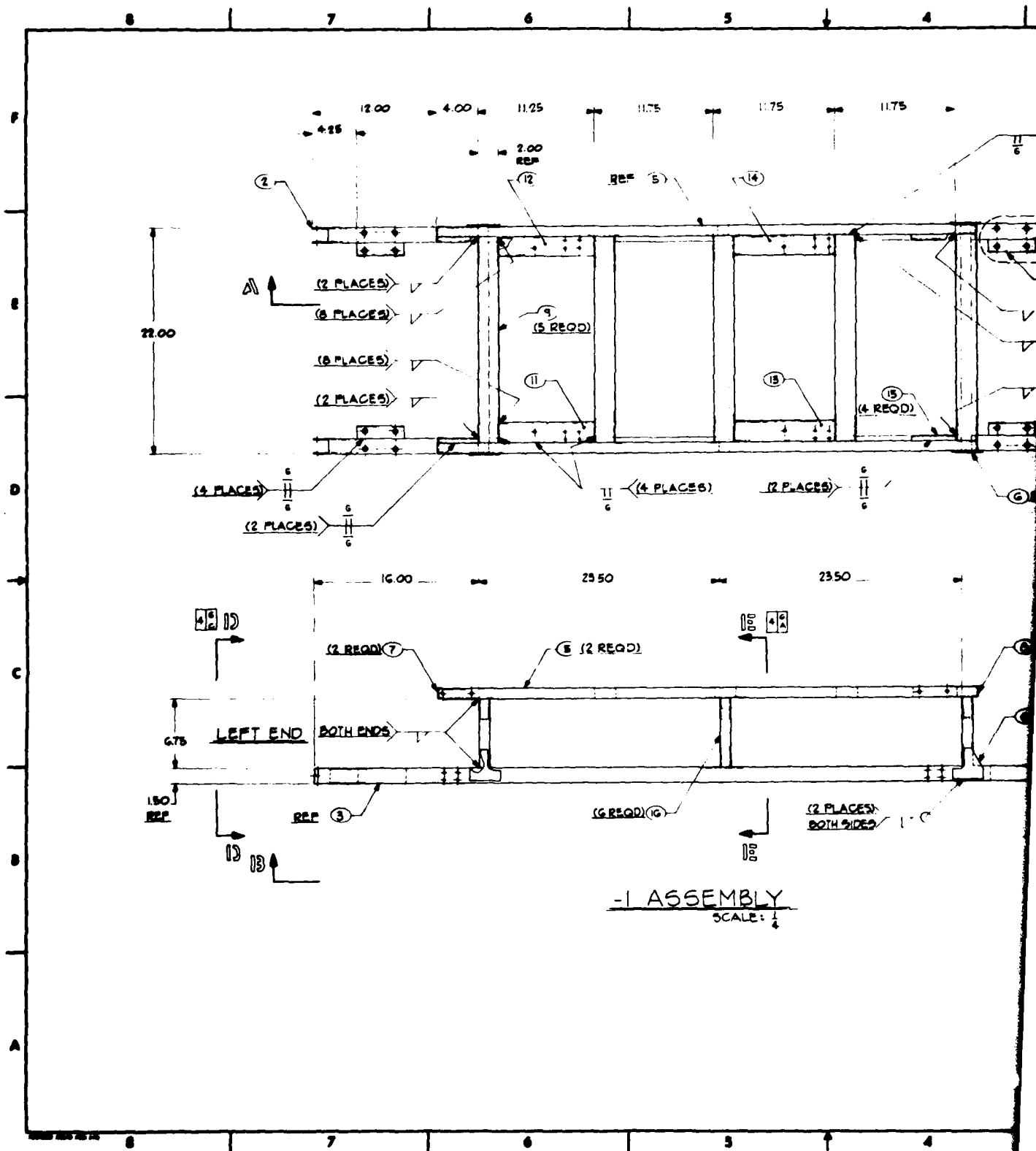
REV STATUS		REV				DATE		BY		DESCRIPTION		DATE	APPROVED
REV	STATUS	1	2	3	4	5	6	7	8	9	10	DATE	APPROVED
1	REVISED											1-8-82	See
REDRAWN, REPLACES "A" CHANGE. DRAWN INTO WELDMENT ASSY (DETAIL PARTS ENE (CONTR) 8-16-82													

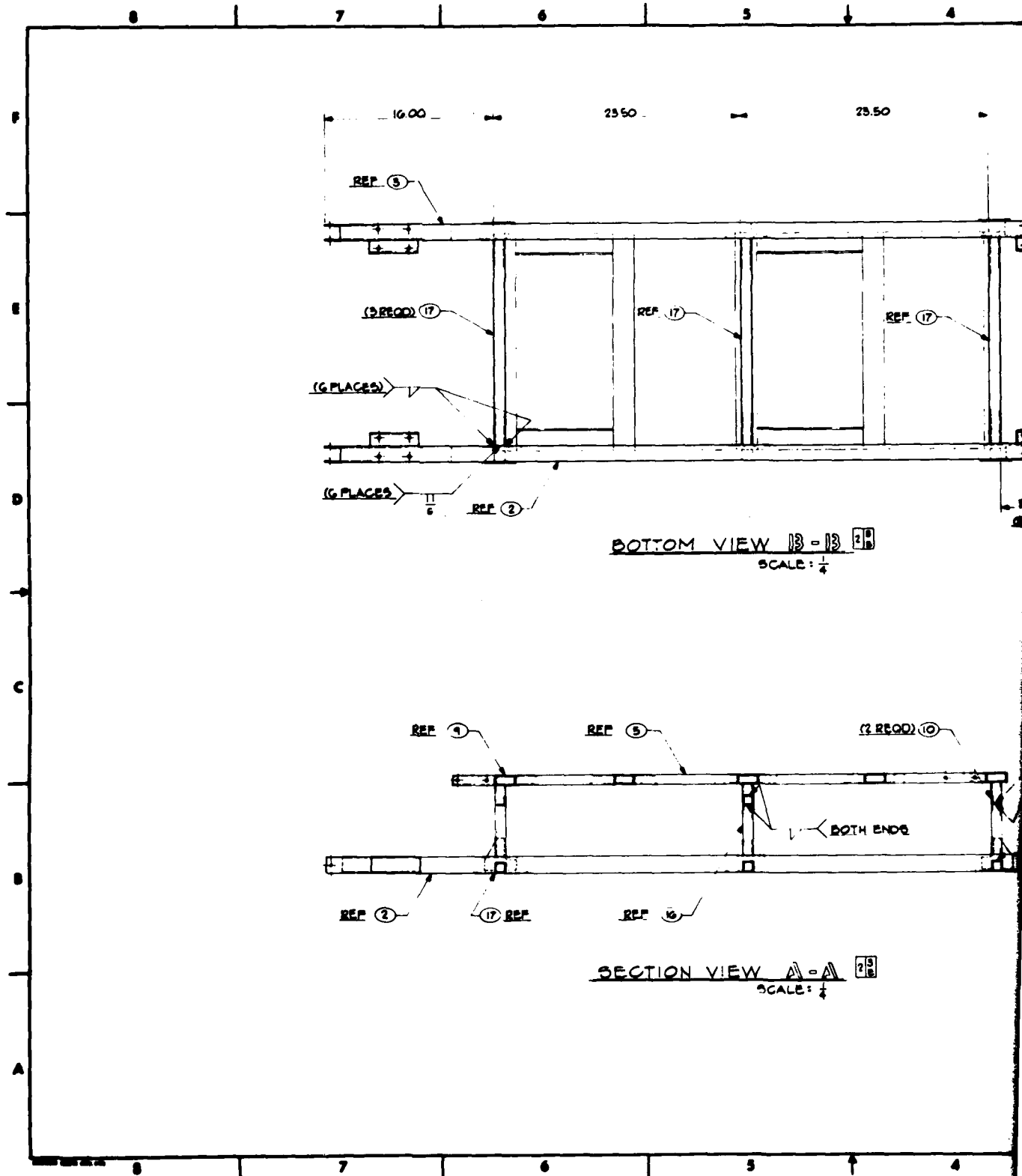
SHEET INDEX	
SHEET NO.	DESCRIPTION
1	NOTES, PARTS LIST, & REVISIONS
2	WELDMENT : TOP & SIDE VIEW
3	WELDMENT : BOTTOM & SECTION VIEWS
4	WELDMENT : END & SECTION VIEWS, DETAIL PARTS
5	DETAIL PARTS

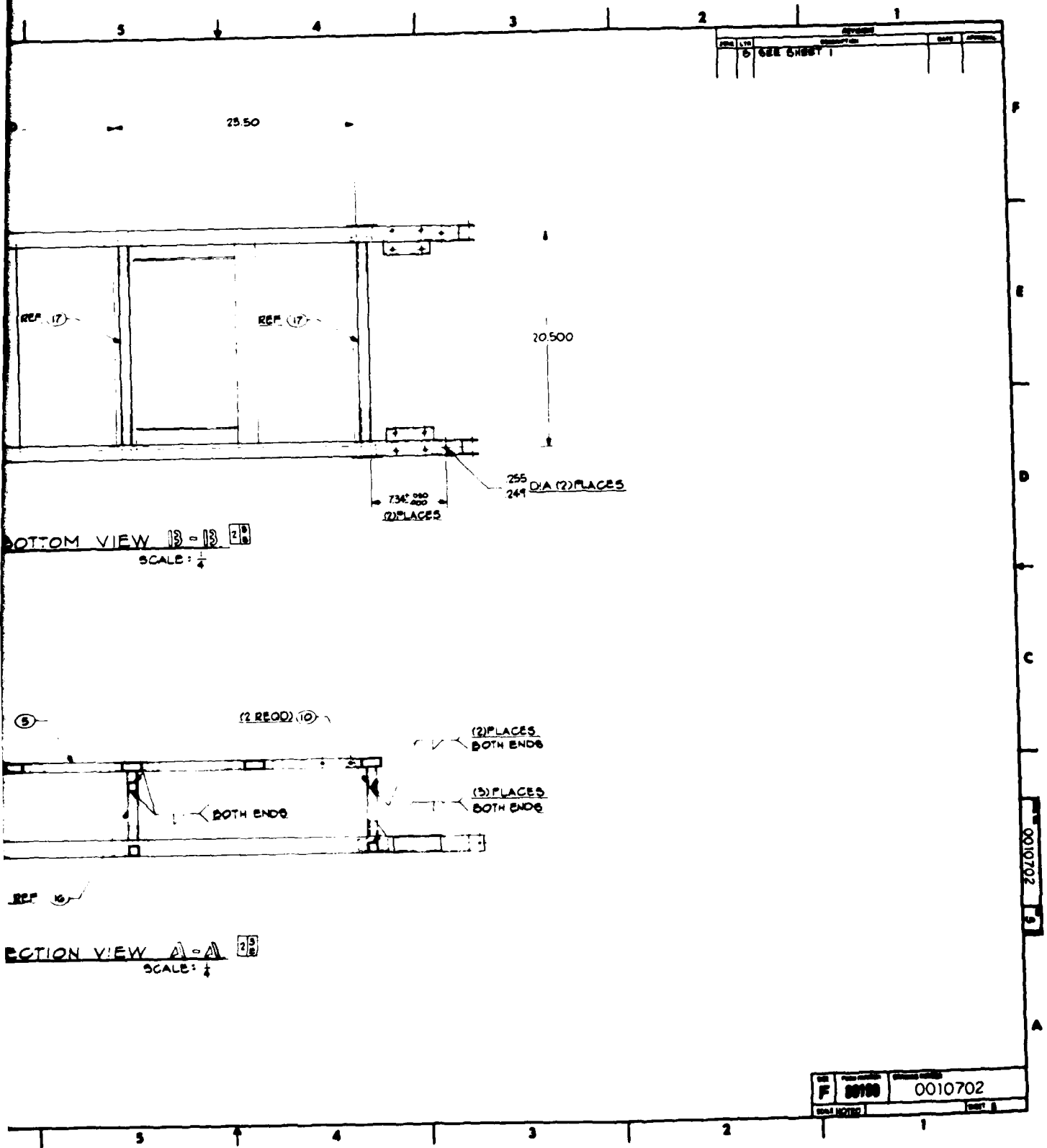
[illegible]

		APPROVE: 1 DRAWING IN AGREEMENT DATE: 07/15/92 BY: [Signature]		PART LAST		NARVAL ELECTRONIC LABORATORY CENTER 2500 E. 10TH, OK 73102	
		IN OF 2ND THE PROJECT		APPROVED: [Signature] 7-15-92		WELDMENT ASSEMBLY, MAIN FRAME	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED TOLERANCES ARE FRACTIONS IN. = .06 DEC. = .0005 FRACTIONS = 1/16		APPROVED: [Signature] 7-15-92			
0111702		- .55V		PROJECT NAME		DRAWING NUMBER	
NEXT STEP		WORK ON		DRAWING DATE		0010702	
APPROVALS:		DESIGN APPROVAL		ON DRAWING		DATE: 7-15-92	

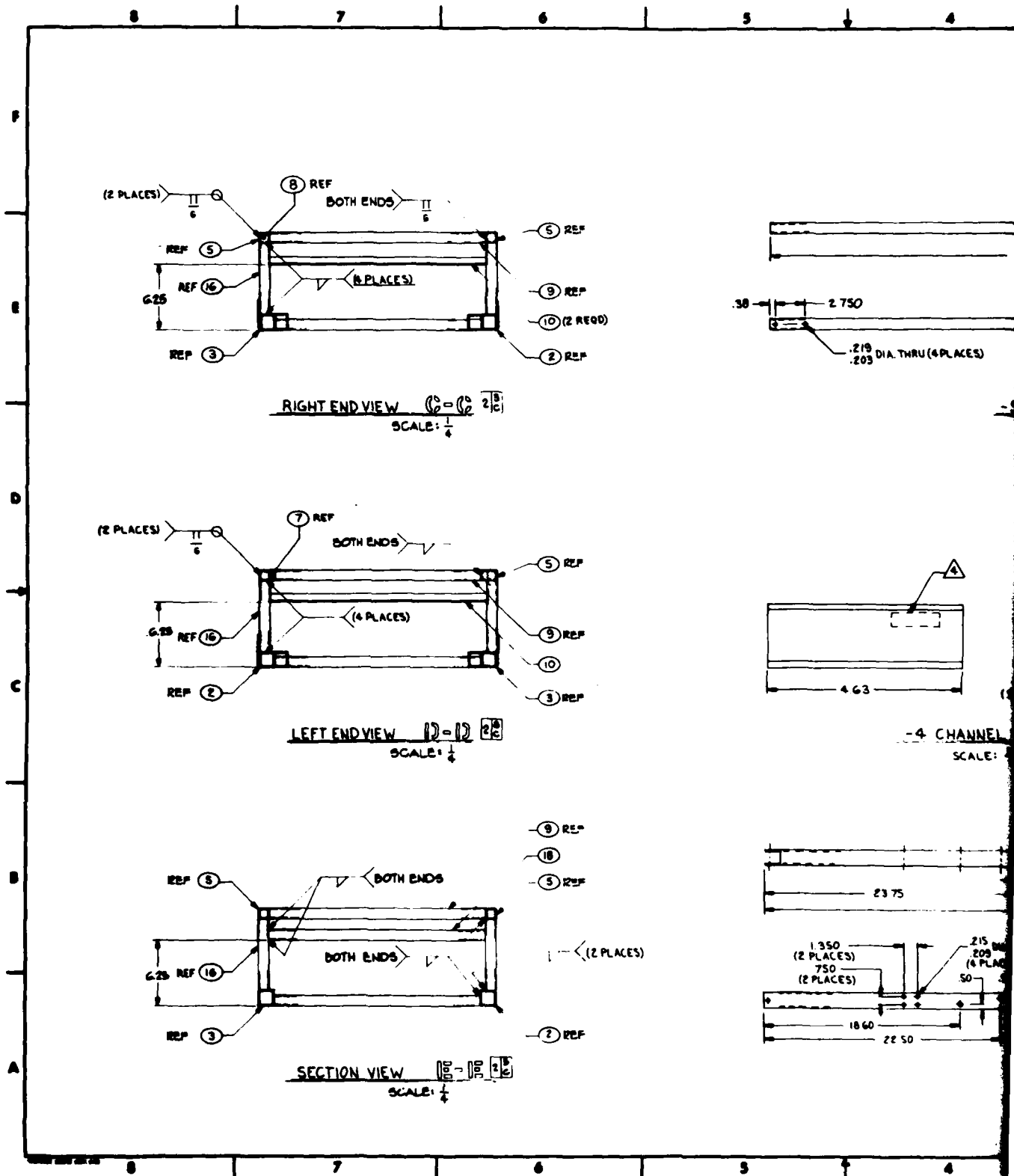
2

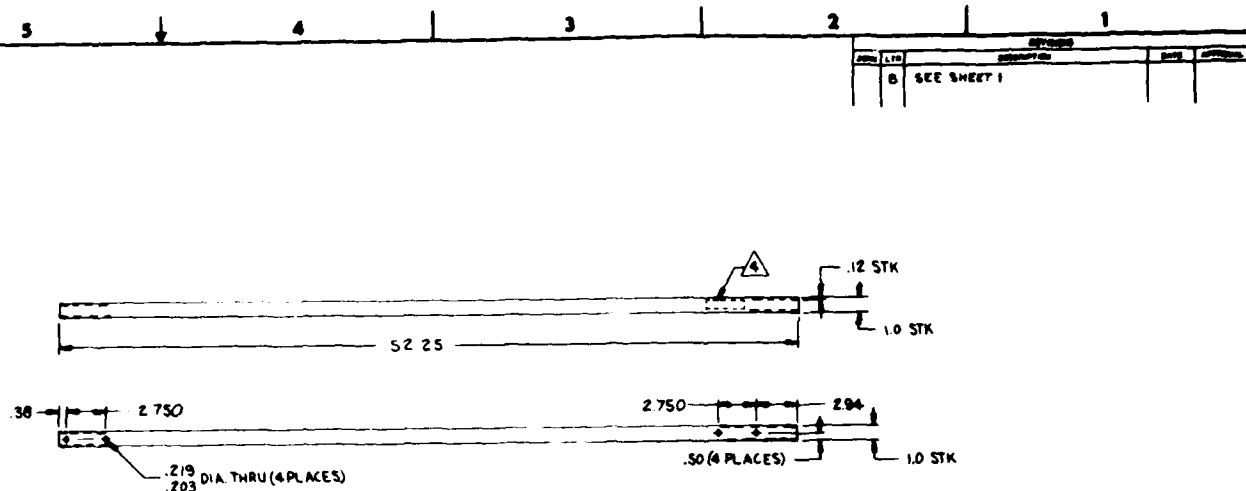






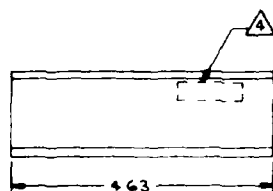
2





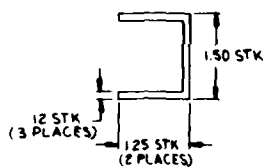
-5 SQUARE TUBE

SCALE: $\frac{1}{4}$



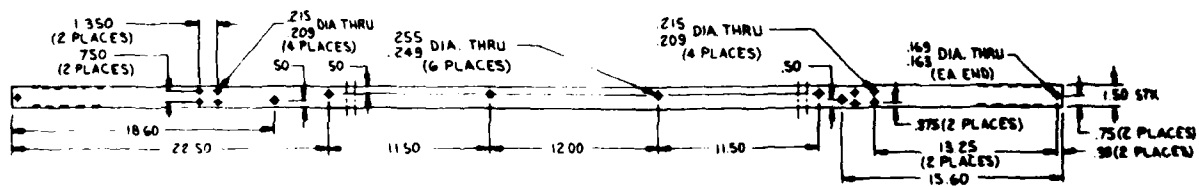
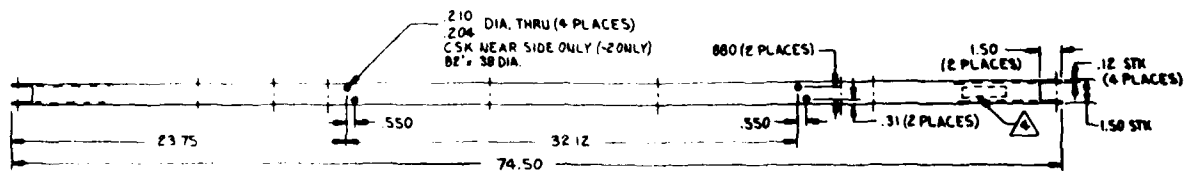
-4 CHANNEL

SCALE: $\frac{1}{4}$



-6 GUSSET

SCALE: $\frac{1}{4}$



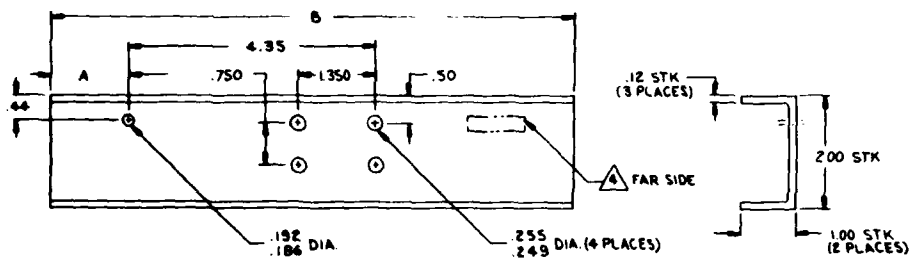
-2 SQUARE TUBE (SHOWN)

-3 SQUARE TUBE (OPP -2 EXCEPT AS NOTED)

SCALE: $\frac{1}{4}$

REV	DATE	BY	CHKD	APP'D
F	0010702			
0010702				
PAGE 4				

2

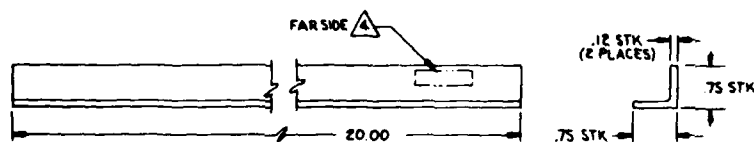


- 11 CHANNEL (SHOWN)
- 12 CHANNEL (OPP -11)
- 13 CHANNEL (SAME AS -11 EXCEPT AS NOTED)
- 14 CHANNEL (OPP -13)

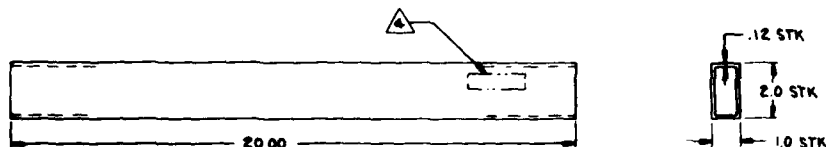
TABLE A

DASH NO	DIM A	DIM B
-11 (-12)	1.40	9.25
-13 (-14)	.40	9.75

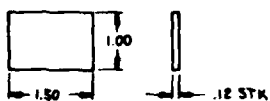
SCALE: $\frac{1}{2}$



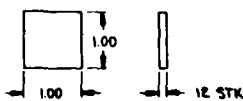
-10 ANGLE
SCALE: $\frac{1}{2}$



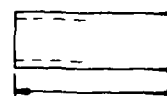
-9 RECTANGULAR TUBE
SCALE: $\frac{1}{2}$



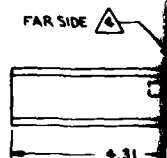
-6 PLATE
SCALE: $\frac{1}{2}$



-7 PLATE
SCALE: $\frac{1}{2}$



-16



-15

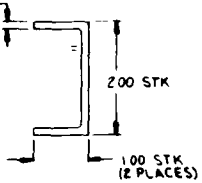
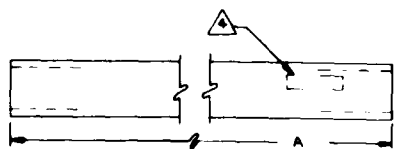
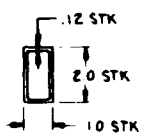


TABLE A

DASH NO.	DIM A	DIM B
-11 (-12)	140	9.25
-13 (-14)	40	9.75



-16 -17 -18 SQUARE TUBE

SCALE: $\frac{1}{4}$

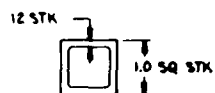
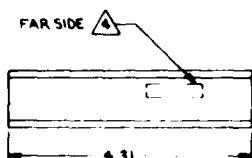


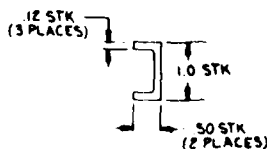
TABLE B

DASH NO.	DIMENSION A
-16	6.75
-17	18.00
-18	20.00

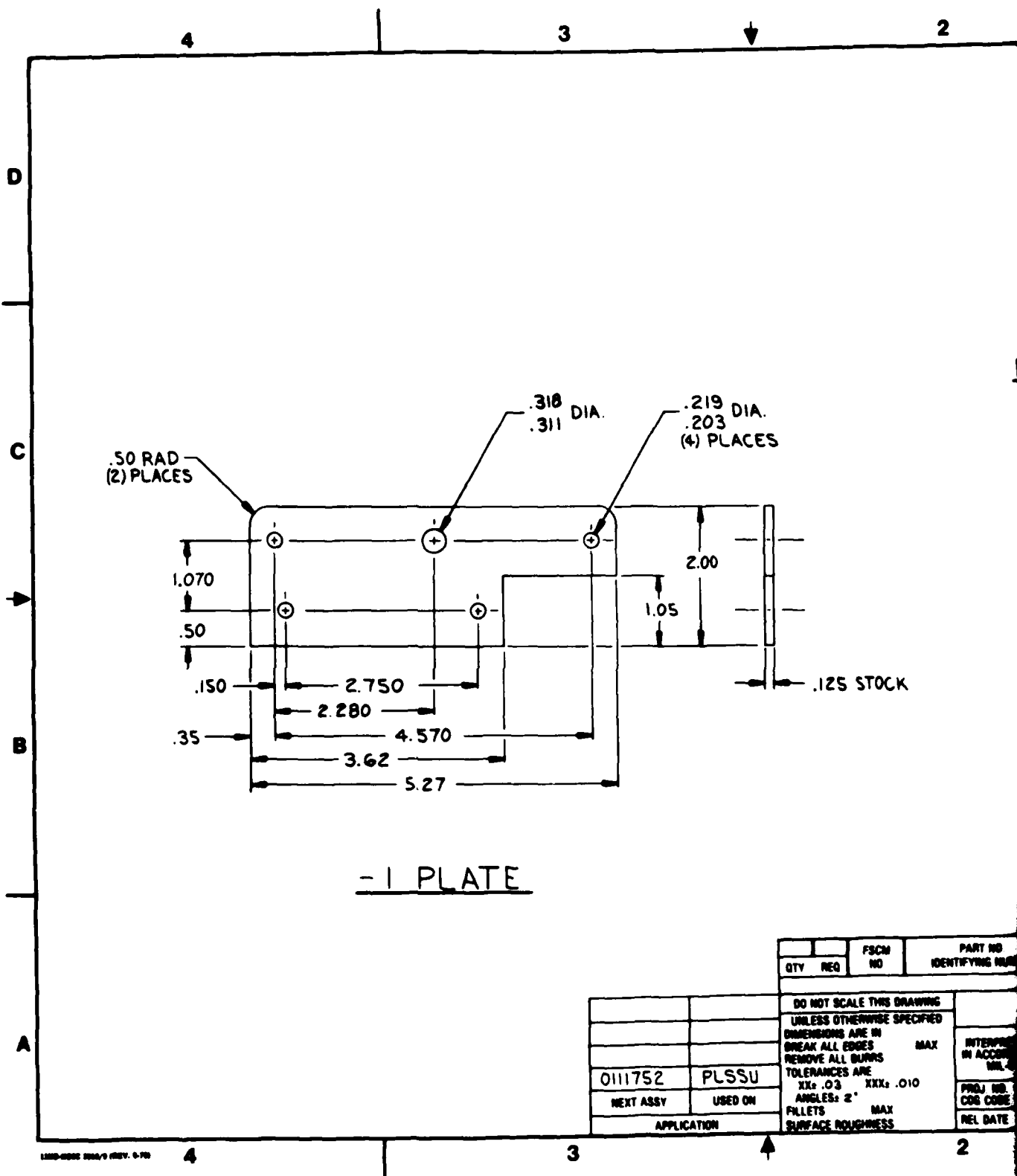


-15 CHANNEL

SCALE: $\frac{1}{4}$



REV	DATE	BY	CHKD
F	00100	0010702	
REV		DATE	



-1 PLATE

QTY		REQ	FSCM NO	PART NO	IDENTIFYING NUM
DO NOT SCALE THIS DRAWING					
UNLESS OTHERWISE SPECIFIED					
DIMENSIONS ARE IN					
BREAK ALL EDGES					
REMOVE ALL BURRS					
TOLERANCES ARE					
XX±.03 XXX±.010					
ANGLES: 2° MAX					
FILLETS MAX					
SURFACE ROUGHNESS					
0111752		PLSSU		INTERPRET IN ACCORDANCE WITH	
NEXT ASSY		USED ON		PROJ NO.	
APPLICATION				CDS CODE	
				REL DATE	

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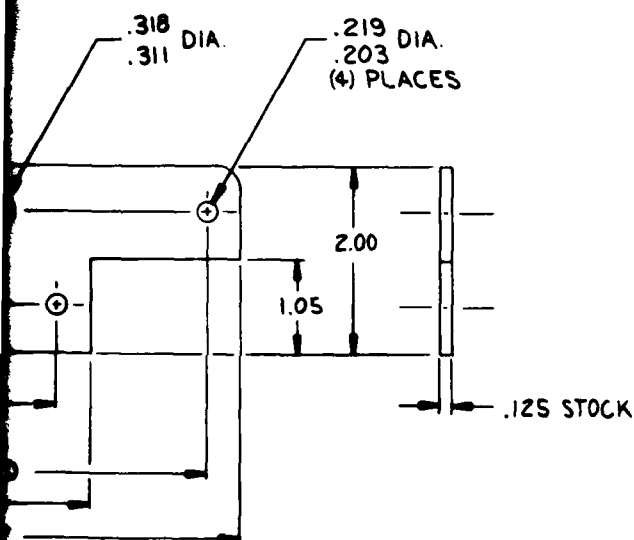
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVAL
	A	REDRAWN, REPLACES NO CHG. REV WITH CHANGES: ADDED NOTES & APPLICATION, END VIEW & 2.750 DIM DELETED 2.900 DIM & PARTS LIST .219/.203 DIA WAS .219 & .318/.311 DIA WAS .312 & ENE (CONTR) 11-3-83	1-18-83	<i>luk</i>

D

NOTES:

1. FINISH: ANODIZE CLEAR PER MIL -A-8625, TYPE II, CLASS 1 (CLEAR)
2. MATERIAL: .125 6061-T651 AL ALY PER QQ-A-250/11

C



CAGE NO 0010784

1

ATE

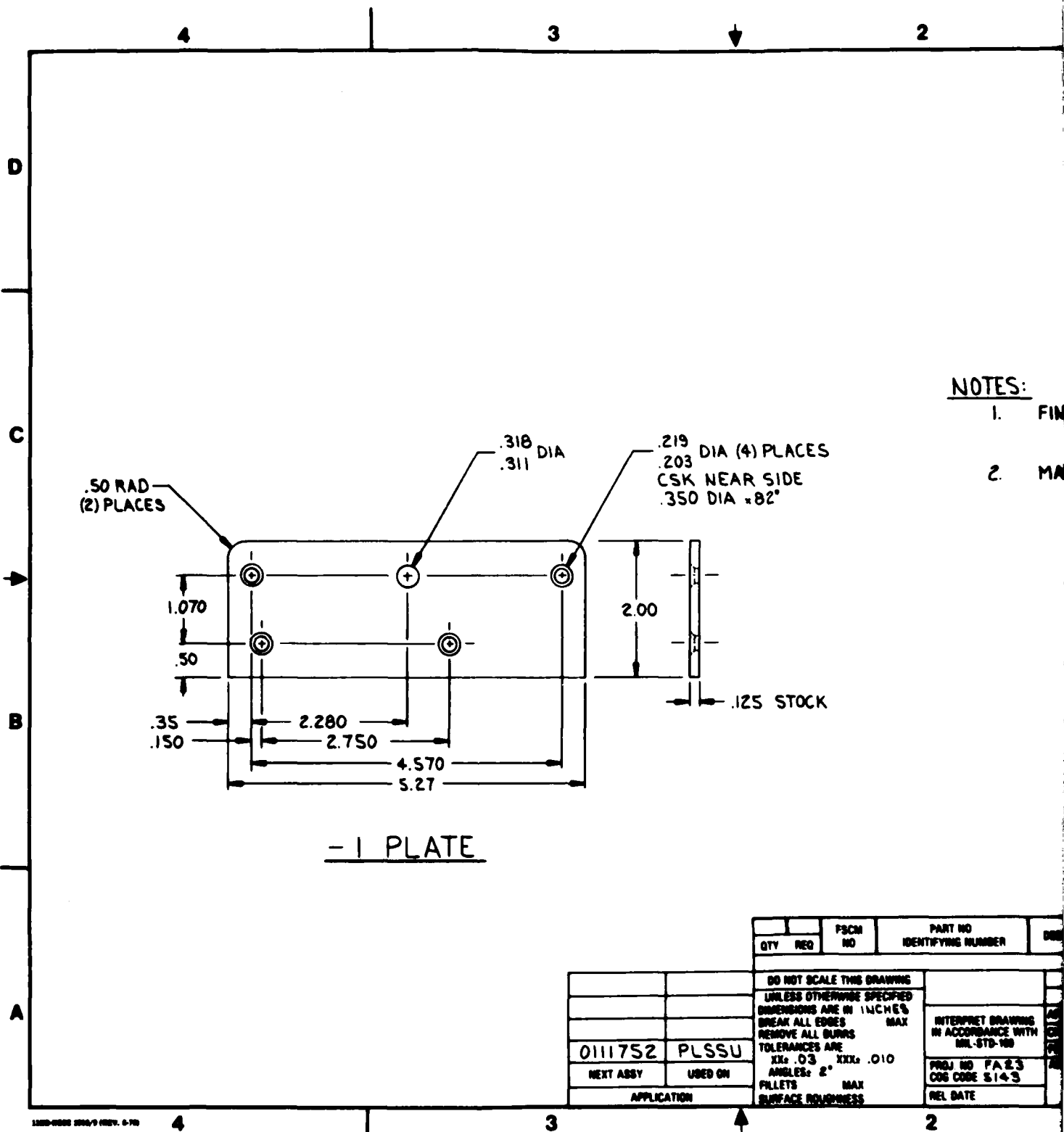
QTY	REQ	FSCM NO	PART NO IDENTIFYING NUMBER	DESCRIPTION OR NOMENCLATURE	MATERIAL/SPEC/REF DESG	ITEM NO
PARTS LIST						
DO NOT SCALE THIS DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN BREAK ALL EDGES REMOVE ALL BURRS TOLERANCES ARE XX. .03 XXX. .010 ANGLES: 2° FILETS MAX SURFACE ROUGHNESS			INTERPRET DRAWING IN ACCORDANCE WITH MIL-STD-100		APVD <i>luk</i> 1-18-83 CHRD PREP ENE (CONTR) 11-3-83 APPROVED FOR BY DIRECTION	
0111752 PLSSU			PROJ NO FAZ3 COG CODE 5143 REL DATE		NAVAL ELECTRONICS LABORATORY CENTER SAN DIEGO, CA. 92152 PLATE, FOOT, RETAINER I C 89199 0010784 SCALE 1/1 UNIT WT SHEET 1 OF 1	
APPLICATION						

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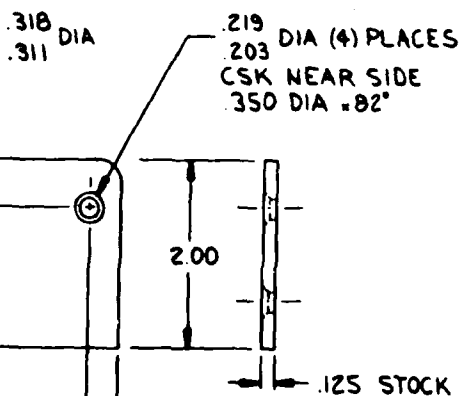
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVAL
	A	REDRAWN, REPLACES NO CHG. REV. WITH CHANGES: ADDED NOTES, APPLICATION & END VIEW, DELETED PARTS LIST & 2.900 DIM ADDED 2.750 DIM .318/.311 DIA WAS .312 & .219/.203 DIA WAS .218 & EHE (CONTR) 11-5-82	1-18-85	Hob

D

C

NOTES:

1. FINISH: ANODIZE PER MIL-A-8625,
TYPE II, CLASS 1 (CLEAR)
2. MATERIAL: .125 6061-TG51 AL ALY
PER QQ-A-250/11


 0010785
1

QTY	REQ	FSCM NO	PART NO IDENTIFYING NUMBER	DESCRIPTION OR NOMENCLATURE	MATERIAL/SPEC/REF DESG	ITEM NO
PARTS LIST						
DO NOT SCALE THIS DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES BREAK ALL EDGES MAX REMOVE ALL BURRS TOLERANCES ARE XX. .03 XXX. .010 ANGLES: 2° FILLETS MAX SURFACE ROUGHNESS				NAVAL ELECTRONICS LABORATORY CENTER SAN DIEGO, CA. 92152 PLATE, FOOT, RETAINER II APVD: <i>[Signature]</i> 1-18-85 CHKD: <i>[Signature]</i> PREP: EHE (CONTR) 11-5-82 APPROVED FOR: <i>[Signature]</i> PROJ NO: FA 23 COS CODE: S143 REL DATE: BY: SCALE: 1/1 UNIT: WT SHEET 1 OF 1		
0111752		PLSSU		C 89199 0010785		
NEXT ASSY		USED ON		APPLICATION		

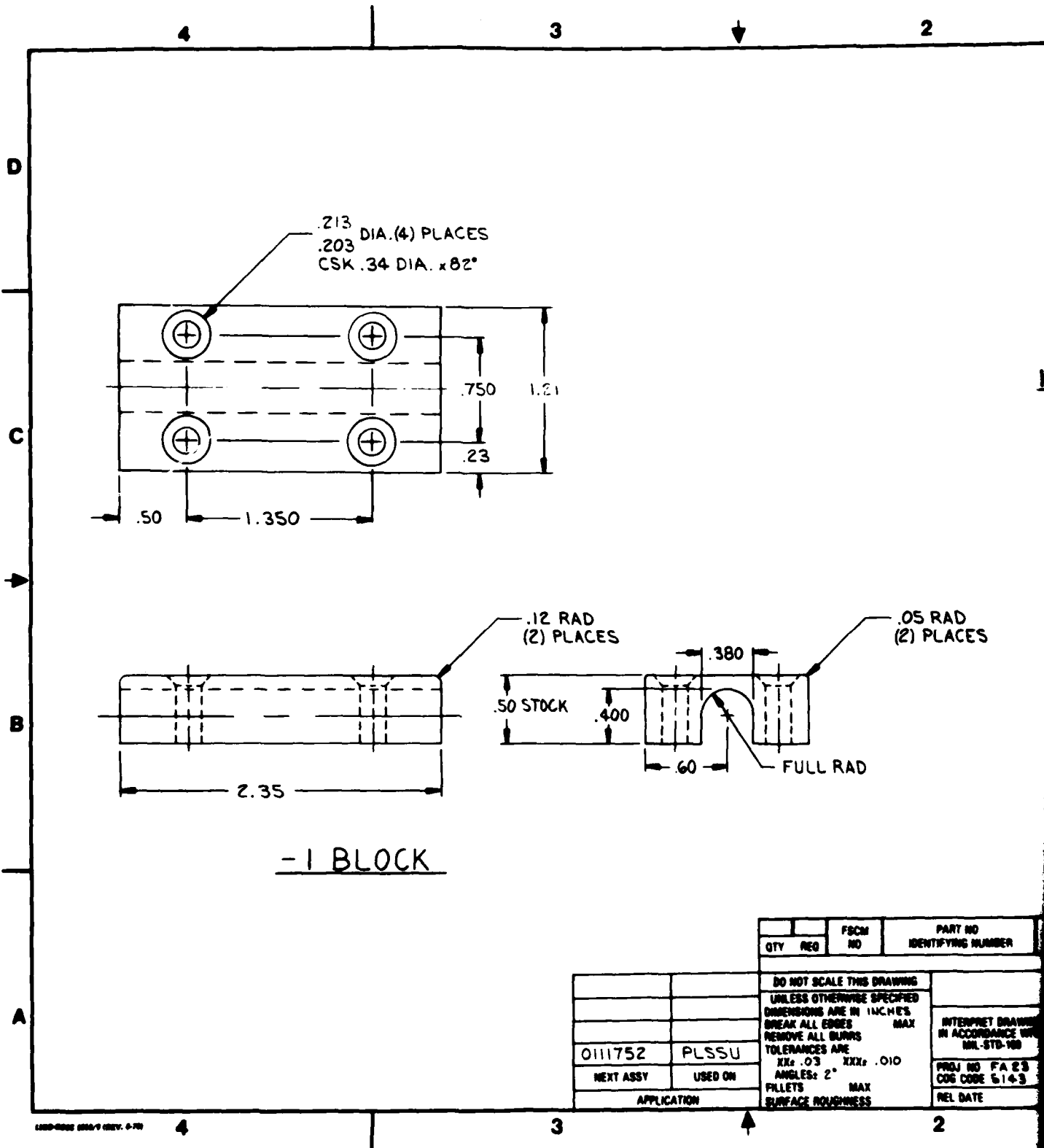
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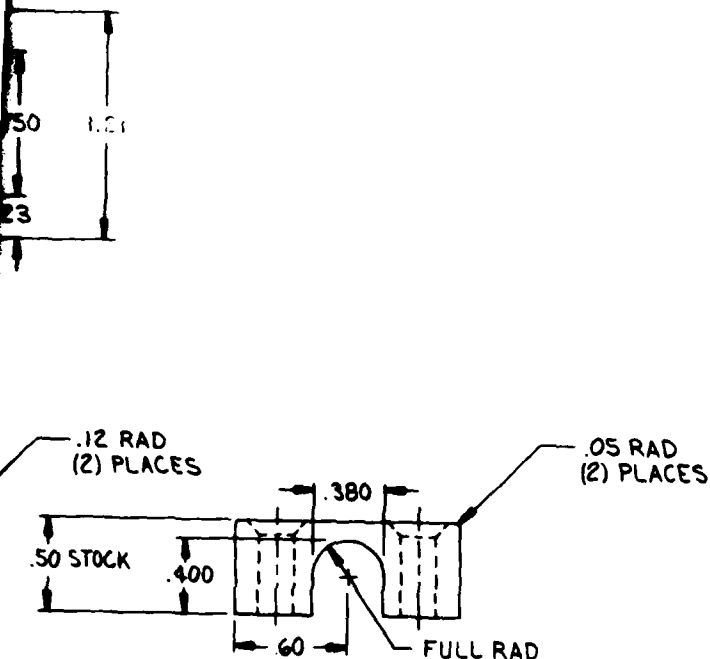
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVAL
	A	REDRAWN, REPLACES REV A WITH CHANGES: ADDED NOTES, APPLI- CATION, .400 DIM 1 .380 DIM. .50 STOCK WAS .88 FULL RAD WAS .172 R .213/.203 DIA. WAS .203 Ø DELETED .34 DIM. EHE (CONTR) 11-2-82	1-15-83	Auk

D

NOTES:

1. FINISH: ANODIZE PER MIL-A-8625,
TYPE II, CLASS 1 (CLEAR)
2. MATERIAL: .500 6061 T651 AL ALY
PER QQ-A-250/11

C


 DIM NO. 0010786
 SH 1

A

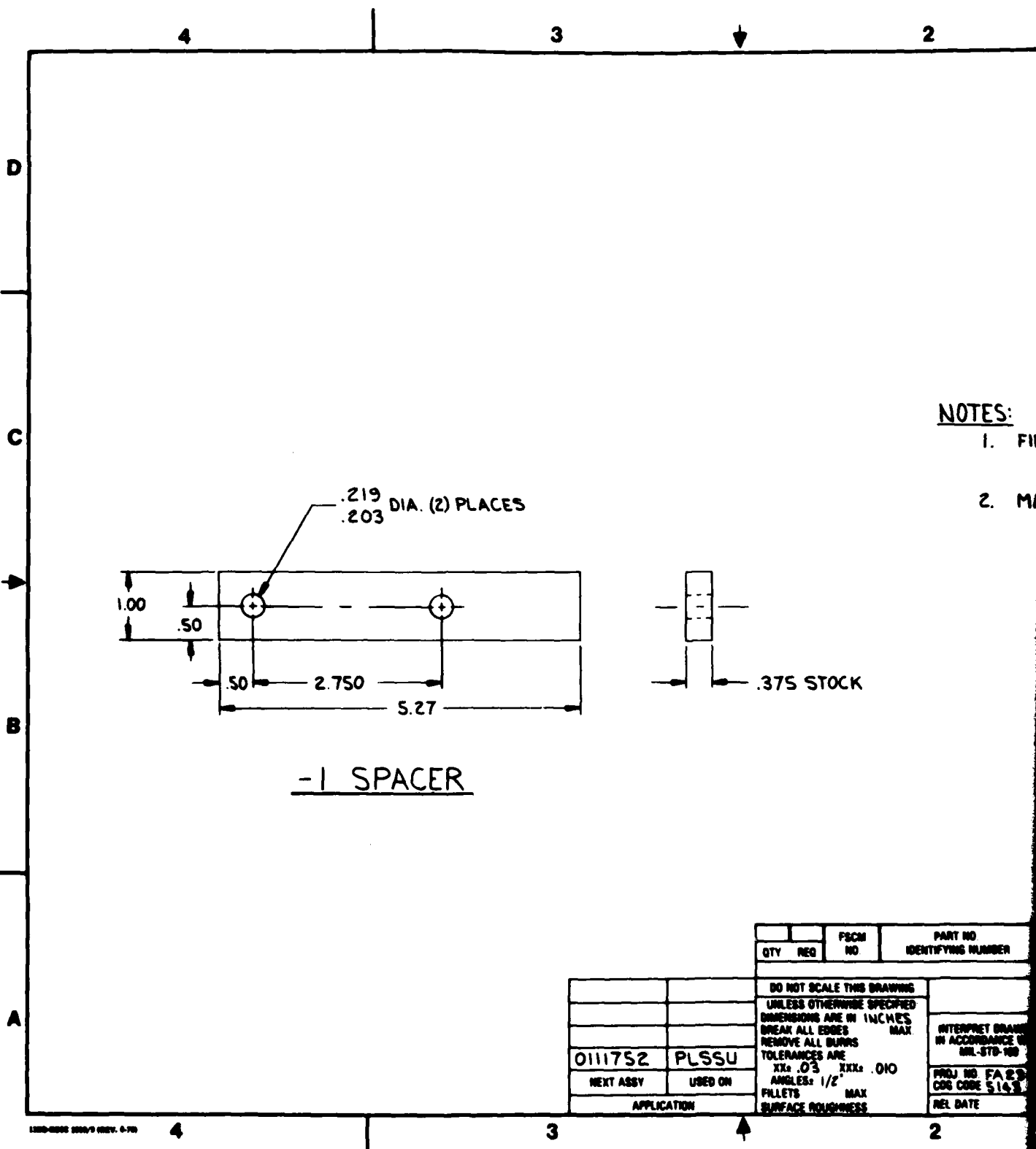
QTY	REQ	FSCM NO	PART NO IDENTIFYING NUMBER	DESCRIPTION OR NOMENCLATURE	MATERIAL/SPEC/REF DESG	ITEM NO
PARTS LIST						
DO NOT SCALE THIS DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES BREAK ALL EDGES MAX REMOVE ALL BURNS TOLERANCES ARE XX±.03 XXX±.010 ANGLES 2° MAX FILLETS MAX SURFACE ROUGHNESS		INTERPRET DRAWING IN ACCORDANCE WITH MIL-STD-100		APPROVED FOR: <i>[Signature]</i> 1-15-83 CHIEF: EHE (CONTR) 11-2-82 APPROVED FOR: _____ BY: _____		
0111752 PLSSU		PROJ NO FA 23 COS CODE 5143		NAVAL ELECTRONICS LABORATORY CENTER SAN DIEGO, CA. 92152 BLOCK, HANDLE CLAMP		
NEXT ASSY USED ON		REL DATE		SIZE: C 89199 SCALE 2/1 UNIT WT SHEET 1 OF 1		
APPLICATION						

3

2

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2



- NOTES:
1. FI
 2. M

QTY REQ		PSCM NO	PART NO IDENTIFYING NUMBER
DO NOT SCALE THIS DRAWING			
UNLESS OTHERWISE SPECIFIED			
DIMENSIONS ARE IN INCHES			
BREAK ALL EDGES			
REMOVE ALL BURRS			
TOLERANCES ARE			
XX _s .03 XXX _s .010			
ANGLES 1/2			
FILLETS MAX			
SURFACE ROUGHNESS			
NEXT ASSY		USED ON	
APPLICATION		INTERPRET DRAWING IN ACCORDANCE WITH MIL-STD-100	
0111752		PLSSU	
REL DATE		PROJ NO FA 23	
		COS CODE 5143	

3

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1

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVAL
	B	REDRAWN, REPLACES REV A WITH CHANGES: ADDED: NOTE 2 & APPLICATION .213/.203 DIA (2) PLACES WAS .219 # THRU 2 HOLES DELETED PARTS LIST ENE (CONTR) 10-14-82	1-17-83	Red

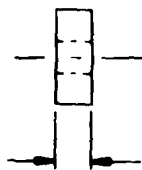
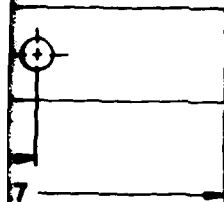
D

NOTES:

1. FINISH: ANODIZE PER-MIL-A-8625, TYPE II, CLASS I (CLEAR)
2. MATERIAL: .250 6061 T651 AL ALY PER QQ-A-250/11

C

(2) PLACES



.375 STOCK

ER

CAGE NO. 0010787

1

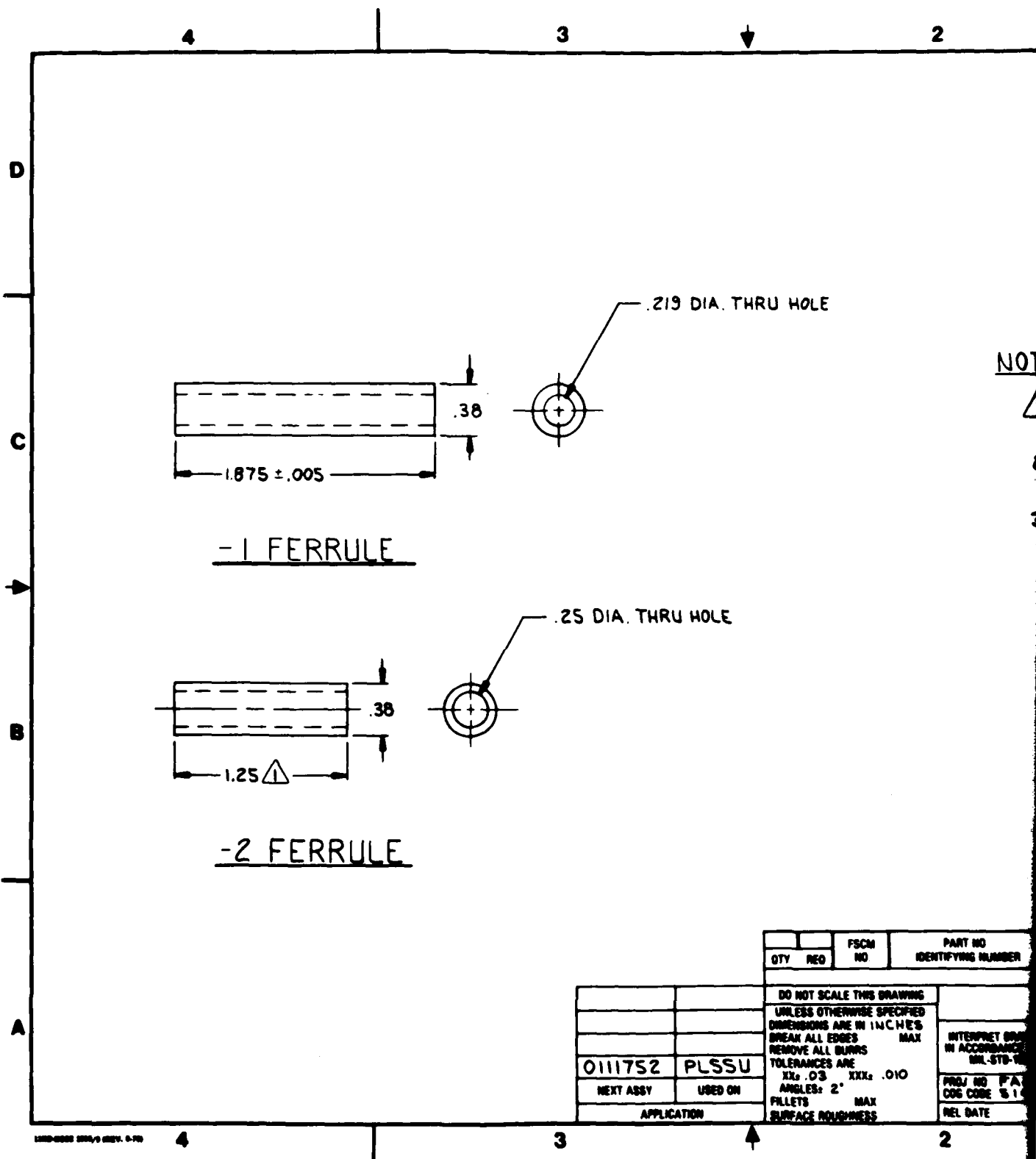
QTY	REQ	PSCN NO	PART NO IDENTIFYING NUMBER	DESCRIPTION OR NOMENCLATURE	MATERIAL/SPEC/REF DESG	ITEM NO
PARTS LIST						
DO NOT SCALE THIS DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES BREAK ALL EDGES REMOVE ALL BURRS TOLERANCES ARE XX: .03 XXX: .010 ANGLES: 1/2" MAX FILLETS MAX SURFACE ROUGHNESS			INTERPRET DRAWING IN ACCORDANCE WITH MIL-STD-100		NAVAL ELECTRONICS LABORATORY CENTER SAN DIEGO, CA. 92152	
0111752		PLSSU		SPACER, FOOT		
NEXT ASSY	USED ON	APPLICATION		APPROVED FOR	BY DIRECTION	SCALE 1/1 UNIT WT
PROJ NO FA 23 COS CODE 5143		REL DATE		C 89199 0010787		
SHEET 1 OF 1						

A

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REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVAL
	A	ADDED NOTES 1, 2 & 3 APPLICATION 1.875 ± .005 WAS 1.63 DELETED PARTS LIST. EWE (CONTR) 11-11-82	1/15/83	Red

D

.219 DIA. THRU HOLE



NOTES:

1. LENGTH APPROXIMATE - MATCH FIX ON ASSEMBLY
2. MATERIAL: 6061-T351 AL ALY
PER QQ-A-250/11
3. FINISH: PER MIL-A-8625, TYPE II,
CLASS (CLEAR)

C

.25 DIA. THRU HOLE



0010788

1

QTY	REQ	FSCM NO	PART NO IDENTIFYING NUMBER	DESCRIPTION OR NOMENCLATURE	MATERIAL/SPEC/REF DESG	ITEM NO
PARTS LIST						
DO NOT SCALE THIS DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES BREAK ALL EDGES MAX REMOVE ALL BURRS TOLERANCES ARE XX ± .03 XXX ± .010 ANGLES: 2° FILLETS MAX SURFACE ROUGHNESS			INTERPRET DRAWING IN ACCORDANCE WITH MIL-STD-100	APPROVED FOR CHIEF PREP EWE (CONTR) 11-11-82	NAVAL ELECTRONICS LABORATORY CENTER SAN DIEGO, CA. 92152	
0111752 PLSSU			PROJ NO FA 23 COS CODE 5143	FERRULES		
NEXT ASSY USED ON			REL DATE	APPROVED FOR	SIZE FSCM NUMBER DRAWING NUMBER C 89199 0010788	
APPLICATION			BY DIRECTION	SCALE 2/1	UNIT WT	SHEET 1 OF 1

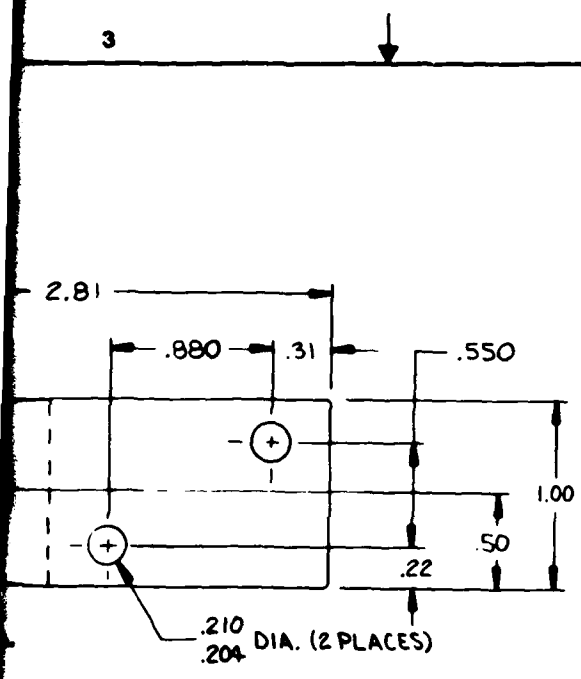
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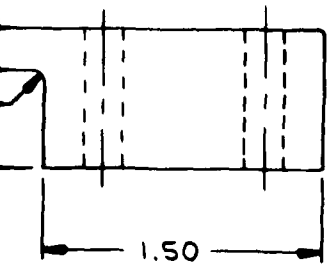
2



REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVAL
	A	REDRAWN, REPLACES NO CHANGE. REVISED: .22 WAS .25, .75 WAS .78, .193/.187 HOLE WAS .195 & .257/.250 HOLE WAS .25 & ADDED: NOTES (APPLICATION, EHE (CONTR) 9/10/82	1-15-83	Heh

NOTES:

1. MATERIAL: 6061-T651 AL ALY
QQ-A-250/11
2. FINISH: ANODIZE PER MIL-A-8625,
TYPE II, CLASS I (CLEAR)



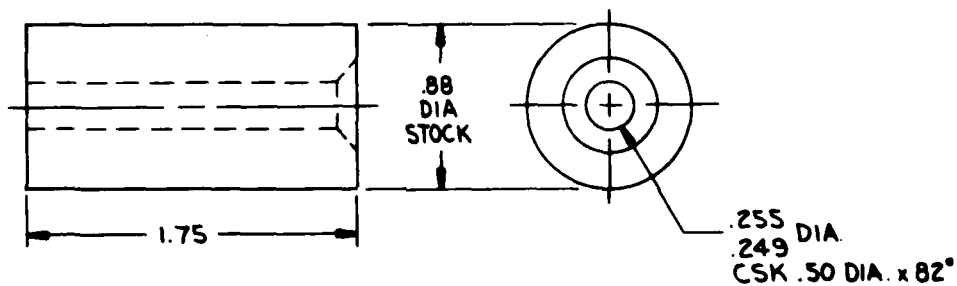
PORT

QTY		REQ	FSCN NO	PART NO. IDENTIFYING NUMBER	DESCRIPTION OR NOMENCLATURE	MATERIAL/SPEC/REF DESG	ITEM NO.
PARTS LIST							
DO NOT SCALE THIS DRAWING				NAVAL ELECTRONICS LABORATORY CENTER SAN DIEGO, CA 92162			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES BREAK ALL EDGES .06 MAX REMOVE ALL BURRS TOLERANCES ARE XX .03 XXX .010 ANGLES: FILLETS SURFACE ROUGHNESS 125				INTERPRET DRAWING IN ACCORDANCE WITH DOD STD 100		APVD [Signature] CHKD [Signature] PREP EHE (CONTR)	
0111752		PLSSU		PROJ NO FA 23 CDB CODE S143		SUPPORT, LATCH POST	
NEXT ASSY		USED ON		APPROVED FOR		SIZE C PSCN NUMBER 89199	
APPLICATION				RLSE DATE		DRAWING NUMBER 0010789	
				BY DIRECTOR		SCALE 2:1 UNIT WT SHEET 1 OF 1	

2

1. FINISH
CLASS

2. MATE



- 1 POST

		QTY REQ		PDCM NO		PART NO	
						IDENTIFYING NUMBER	
DO NOT SCALE THIS DRAWING							
UNLESS OTHERWISE SPECIFIED							
DIMENSIONS ARE IN INCHES							
BREAK ALL EDGES MAX							
REMOVE ALL BURRS							
TOLERANCES ARE							
KIN .03 KIN .040							
ANGLES 1/2°							
FILLETS MAX							
SURFACE ROUGHNESS							
APPLICATION				INTERPRET IN ACCORDANCE WITH MIL-STD-883C			
NEXT ASSY USED ON				FURNISH PARTS IN ACCORDANCE WITH MIL-STD-883C			
				REL DATE			

LAND-USE 1990-91 ONLY, 0-70

3

2

1

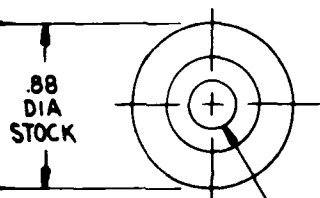
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVAL
	B	REDRAWN, REPLACES REV A WITH CHANGES: ADDED NOTE 2 & APPLICATION. DELETED PARTS LIST. .255/.249 DIA WAS .25 HOLE EHE (CONTR) 10-20-82	1-17-85	<i>luk</i>

D

NOTES:

1. FINISH: ANODIZE PER MIL-A-8625, TYPE II, CLASS 1 (CLEAR).
2. MATERIAL: 6061-T6 AL ALY
PER QQ-A-200/16

C



.255 DIA.
.249
CSK .50 DIA. x 82°

0010790

1

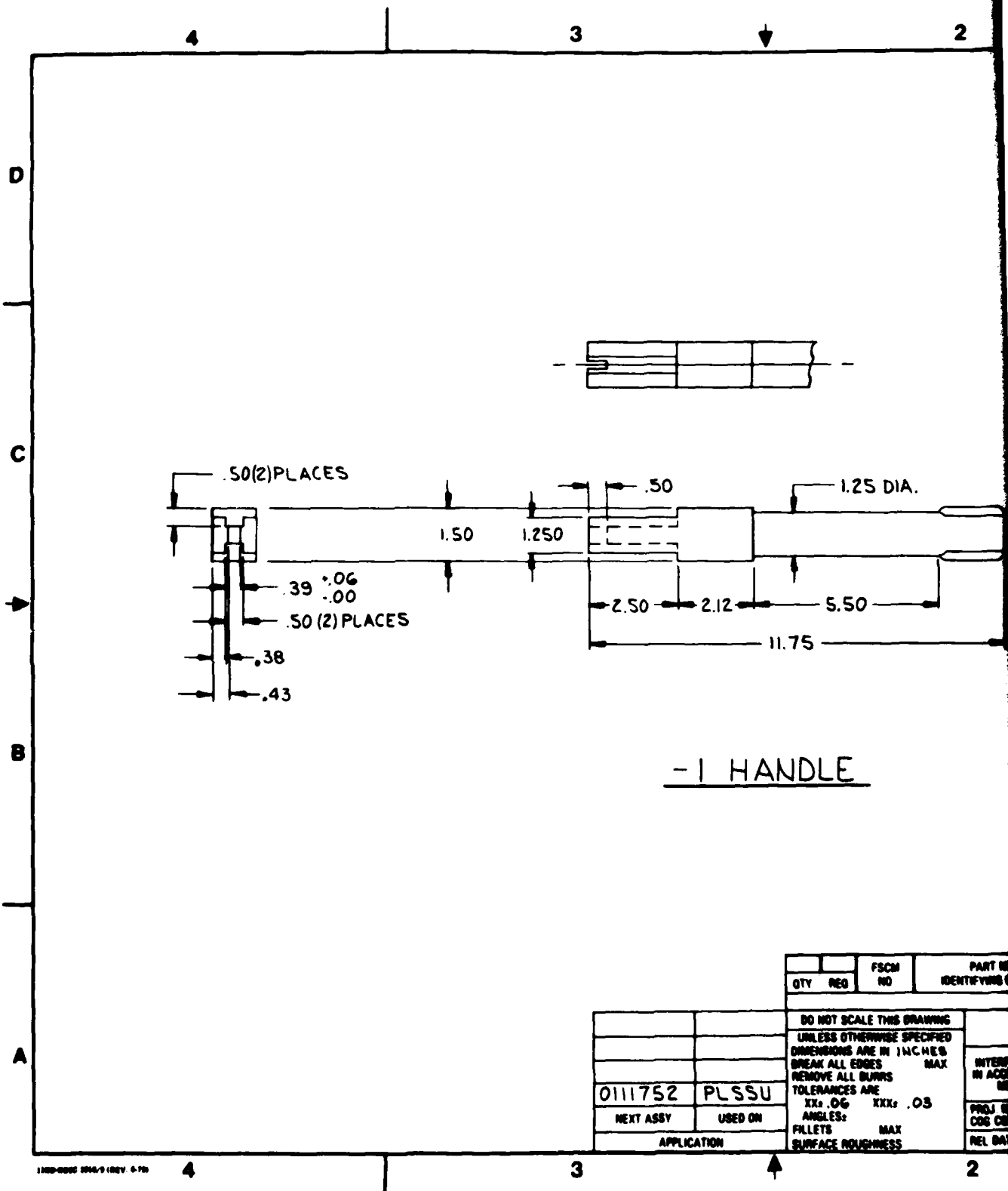
QTY	REQ	FSCM NO	PART NO IDENTIFYING NUMBER	DESCRIPTION OR NOMENCLATURE	MATERIAL/SPEC/REF DESG	ITEM NO
PARTS LIST						
DO NOT SCALE THIS DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES BREAK ALL EDGES REMOVE ALL BURRS TOLERANCES ARE XX. .03 XXX. .010 ANGLES: 1/2° FILLETS MAX SURFACE ROUGHNESS			INTERPRET DRAWING IN ACCORDANCE WITH MIL-STD-100		APV <i>luk</i> / <i>Kohda</i> / <i>10-20-82</i> CHKD PREP EHE (CONTR) 10-20-82 APPROVED FOR BY DIRECTION	
0111752 PLSSU			PROJ NO FA 23 COS CODE 5143 REL DATE		NAVAL ELECTRONICS LABORATORY CENTER SAN DIEGO, CA. 92152 POST, LATCH	
NEXT ASSY USED ON APPLICATION			SIZE C FSCM NUMBER 89199 SCALE 2/1 UNIT WT		DRAWING NUMBER 0010790 SHEET 1 OF 1	

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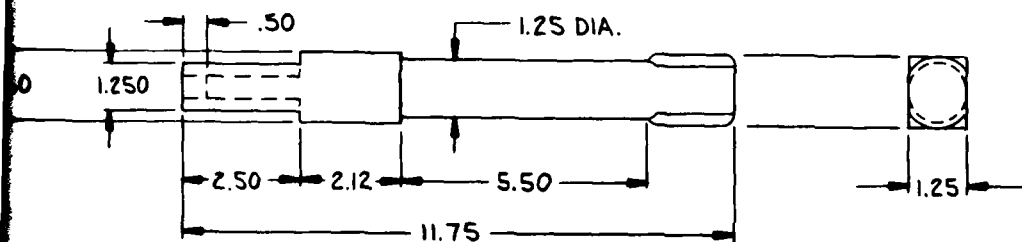
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVAL
	A	REDRAWN, REPLACES NO CHG. REV WITH CHANGES: ADDED NOTE #1, APPLICATION, .504.39+.06/-00 DIMS. DELETED PARTS LIST 4.18# HOLE EHE (CONTR) 11-12-82	1-18-83	LWR

D

NOTES:

1. MATERIAL: CLEAR OAK

C

-1 HANDLE

DIM NO.

0010791

1

QTY	REQ	FSCM NO	PART NO IDENTIFYING NUMBER	DESCRIPTION OR NOMENCLATURE	MATERIAL/SPEC/REF DESG	ITEM NO
PARTS LIST						
DO NOT SCALE THIS DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES BREAK ALL EDGES REMOVE ALL BURRS TOLERANCES ARE XX.06 XXX.03 ANGLES FILLETS MAX SURFACE ROUGHNESS				INTERPRET DRAWING IN ACCORDANCE WITH MIL-STD-100	NAVAL ELECTRONICS LABORATORY CENTER SAN DIEGO, CA 92152	
0111752	PLSSU			APVD <i>[Signature]</i> 1-18-83 CHKD PREP EHE (CONTR) 11-12-82	HANDLE	
NEXT ASSY	USED ON	APPLICATION	PROJ NO FA23 COG CODE 5143	APPROVED FOR	SIZE C FSCM NUMBER 89199	DRAWING NUMBER 0010791
			REL DATE	BY DIRECTION	SCALE 1/2	SHEET 1 OF 1

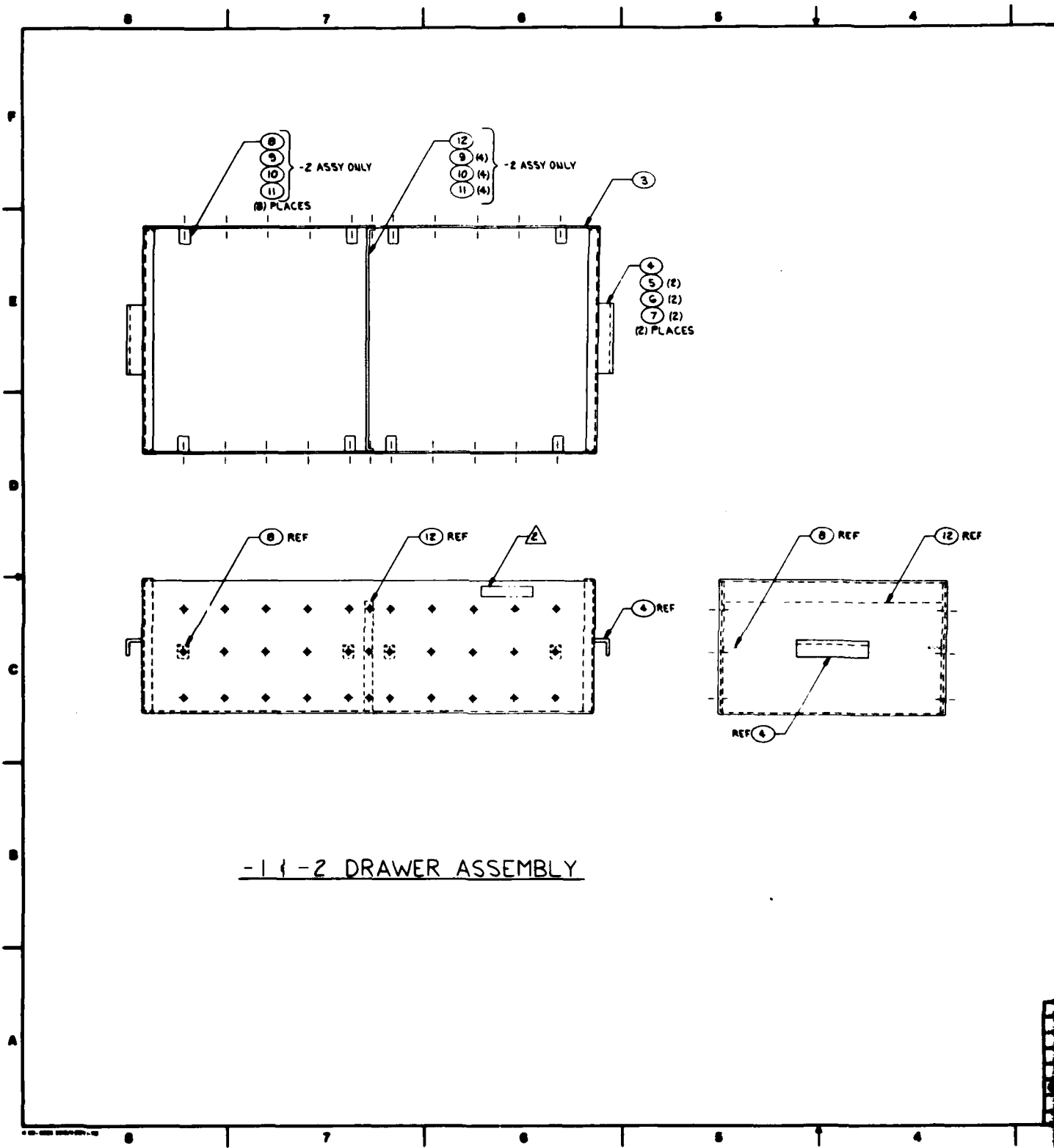
A

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2



-14-2 DRAWER ASSEMBLY

1

REV	DATE	BY	APP	DESCRIPTION	QTY	UNIT
1	1-10-80	DRK		REWORK: REPLACES MS CHG REV WITH CHANGES: DIVIDED INTO -1 & -2 ASSY. DELETED ITEM 2 (DEL RIM STRIP) (ITEM 2 (POP RIVET) (REWORK PART) LIST ADDED: APPLICATION, A. DELETED: ES & PL. 300 SR & PL. ADDED: 300/MS DR. (N) PLACES. WAS. 10 0 HOLE & PL. EME (CONTY) 10-10-80.		

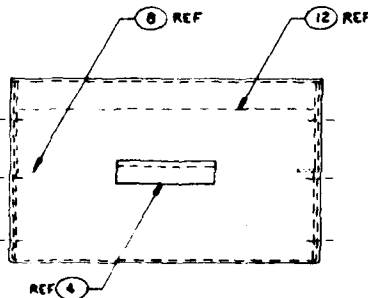
NOTES

1. FINISH:
APPLY PRIMER MIL-P-24441/9 0005 TO 0008 THK. PAINT WITH MIL-C-83286 URETHANE COATING .0014-.0016 TOTAL THK. COLOR WHITE NO. 17925 OF FED-STD-575.

⚠ MARK PART NUMBER 89199-0010792 AND APPLICABLE DASH NUMBER APPROXIMATE WHERE SHOWN IN .12 HIGH CHARACTERS USING EPOXY MARKING INK PER MIL-I-43553 (BLACK)

⚠ .12 BEND RADIUS - ALL BENDS

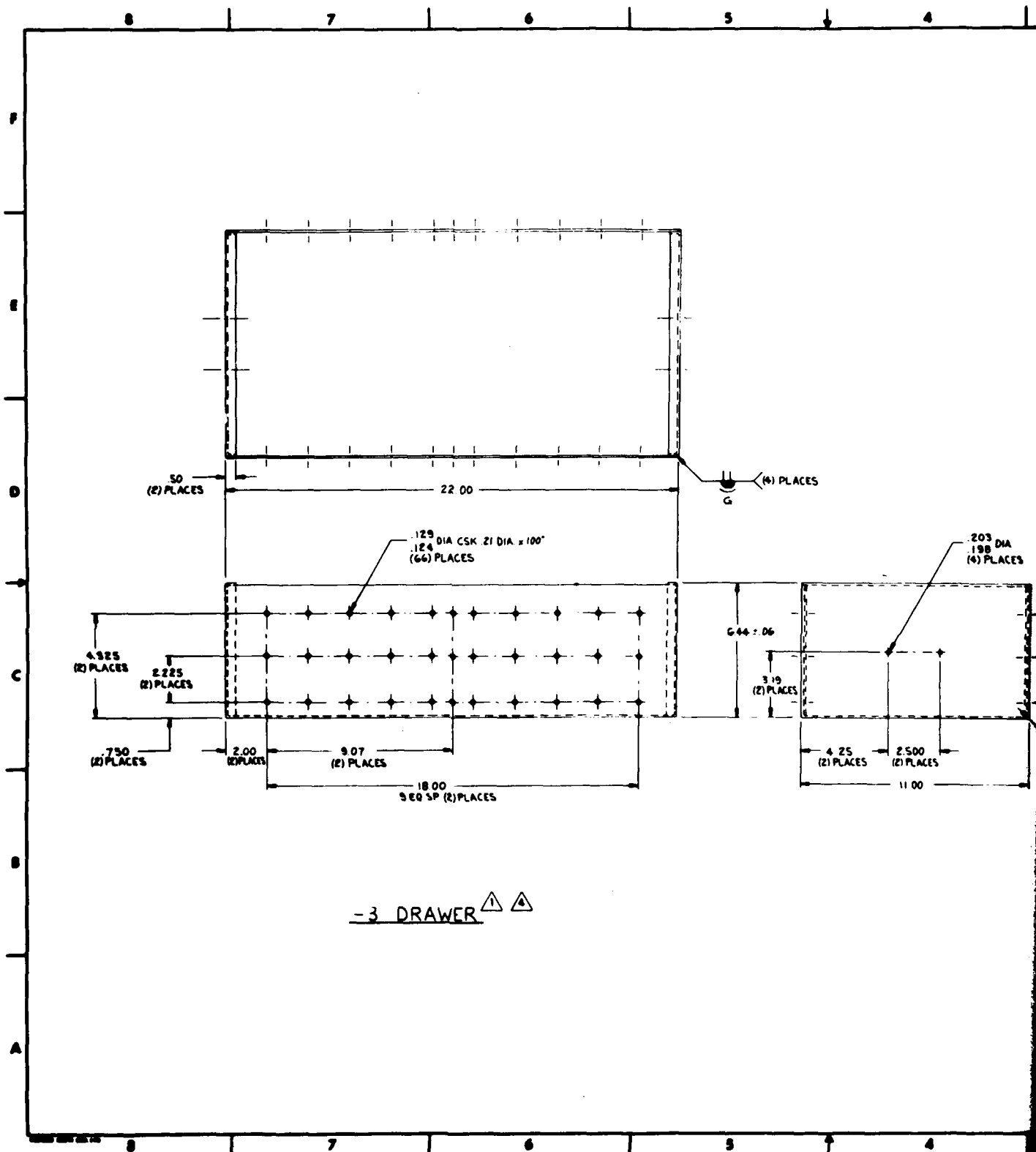
⚠ MATERIAL: .050 5052-H32 AL ALY
PER QQ-A-250/B (1/4 HARD)

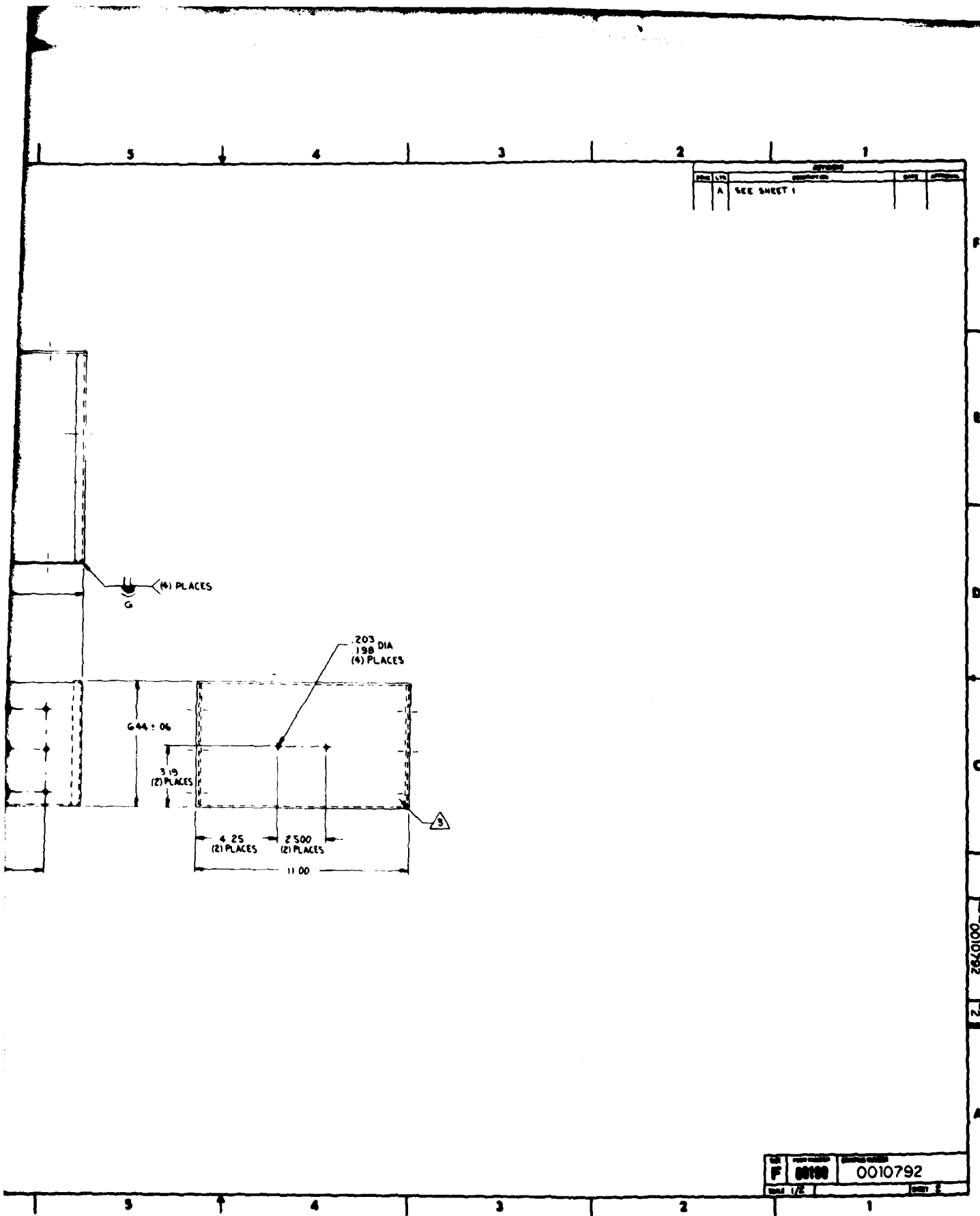


1	-	0010794-2	DRAWER DIVIDER		
12	-	MS35338-135	WASHER, LOCK-SPRING, HELICAL	300 SERIES	11
12	-	MS30549-264	NUT, PLAIN, HEX	300 SERIES (4-20)	10
12	-	MS24693C2	SCREW, MACHINE, FLAT HD	300 SERIES (4-40-10)	9
8	-	0010793-1	BRACE, ANGLE		7
4	4	MS 35338-137	WASHER, LOCK-SPRING, HELICAL	300 SERIES	7
4	4	MS45795-803	WASHER, FLAT		6
4	4	MS51957-43	SCREW, MACHINE, PAN HD	(8-32 x 3/8)	6
2	2	75610 25-11-101-11	HANDLE	SOUTHCOT	4
1	-	- 3	DRAWER		3
	-	- 2	DRAWER ASSY		2
	-	- 1	DRAWER ASSY		1

APPROVED FOR RELEASE BY SP-10 DATE 10-10-80		NATIONAL ELECTRONICS LABORATORY CENTER SAN DIEGO, CA 92161	
0111752 PLSSU		DRAWER ASSEMBLIES	
PART NO. 0111752		PART NO. 0010792	
DATE 1/78		DATE 1/78	

2





Technical drawing of a drawer divider. The drawing shows a rectangular component with various dimensions and features. A table in the upper right corner provides dimensions for different parts of the divider.

DASH NO.	DIM A	DIM B
-1	3.21	2.225
-2	5.31	4.325

Dimensions and features shown in the drawing:

- BEND RAD .12 (2) PLACES
- 10.86
- .38 (2) PLACES
- .10 (2) PLACES
- .129 DIA (4) PLACES
- .124
- B (2) PLACES
- .61 (2) PLACES
- .12 (2) PLACES
- .12 RAD (2) PLACES

-1 & -2 DRAWER DIVIDER

0111752
NEXT VIEW

1

0111752
TEXT COPY

5 4 3 2 1

DASH NO.		DIM A		DIM B	
-1		3.21		2.225	
-2		5.31		4.325	

DASH NO.	DIM A	DIM B
-1	3.21	2.225
-2	5.31	4.325

NOTES:

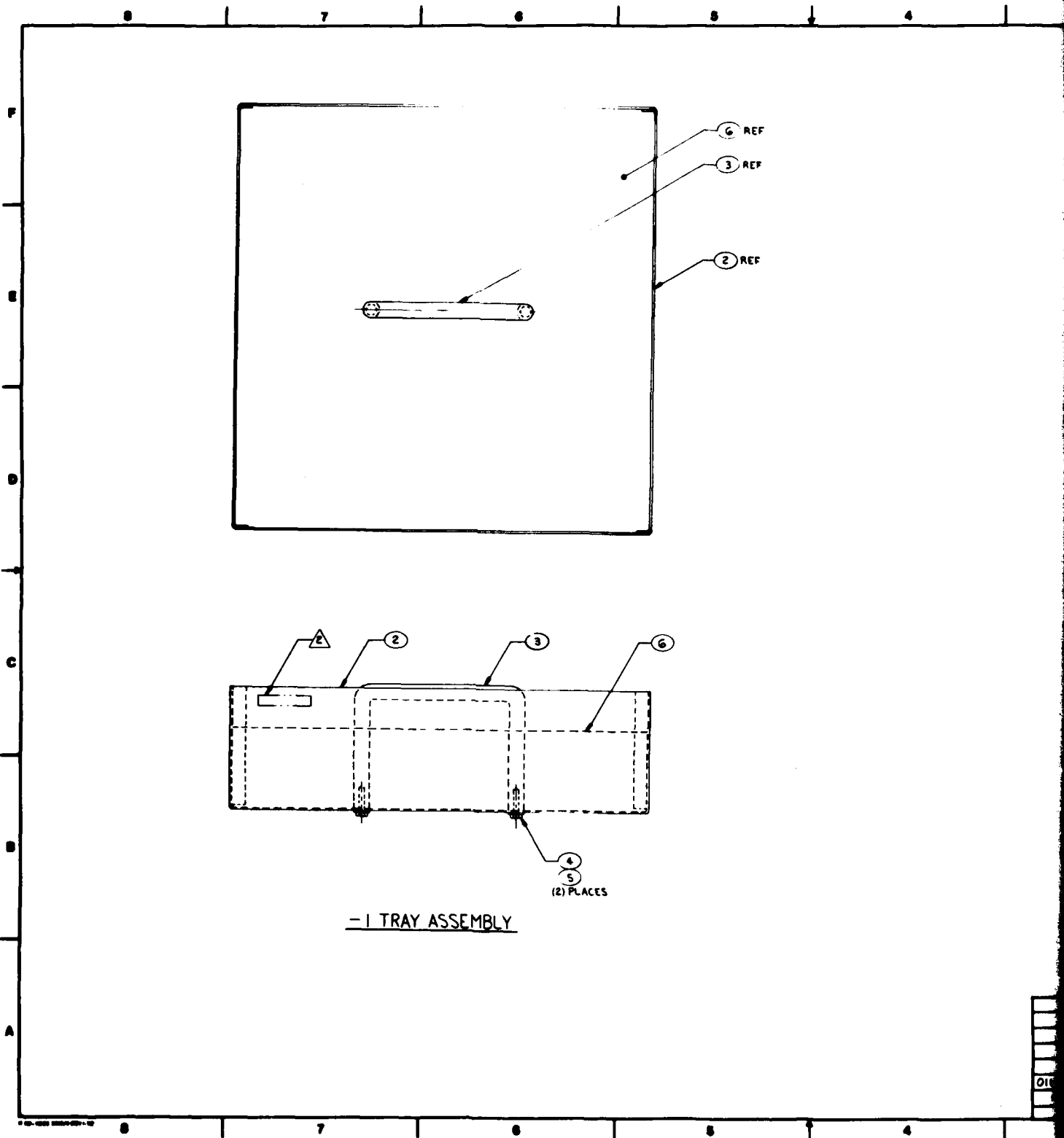
1. FINISH: ANODIZE PER MIL-A-8625, TYPE II, CLASS 1 (CLEAR)

2. MARK PART NUMBER 89199-0010794 AND APPLICABLE DASH NUMBER APPROXIMATE WHERE SHOWN IN .12 HIGH CHARACTERS USING EPOXY MARKING INK PER MIL-I-43553 (BLACK)

3. MATERIAL: .050 5052-H32 AL ALY PER QQ-A-250/8 (1/4 HARD)

.30 (2) PLACES
.10 (2) PLACES
.129 DIA (4) PLACES
.124
B (2) PLACES
.12 (2) PLACES
.61 (2) PLACES
.12 RAD (2) PLACES

STY	REV	PCEN	REV	PART OR IDENTIFYING NUMBER	DESCRIPTION OR IDENTIFICATION	MATERIAL / SPEC / REF DES	ITEM NO
PARTS LIST							
INTERPRET DRAWING IN ACCORDANCE WITH ESD-375-100				NAVAL ELECTRONICS LABORATORY CENTER SAN DIEGO, CA 92161			
DO NOT SCALE THIS DRAWING				DIVIDER, DRAWER			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				APPROVED: <i>John R. Johnson</i> 1-14-82			
BREAK ALL EDGES				CHECKED: _____			
REMOVE ALL BURRS				PREPARED: EWE (CONTR) 10-14-82			
TOLERANCES ARE				PROJECT NUMBER: PA 23			
.XX ± .03 .XX ± .010				CURRENT DATE: 5-1-83			
ANGLES ± 0°30'				DRAWN BY: _____			
FILLETS MAX				SCALE: 1/1			
SURFACE FINISHES				UNIT: IN			
APPLICATION: _____				SHEET 1 OF 1			
RELEASED DATE: _____				BY: DIRECTOR			



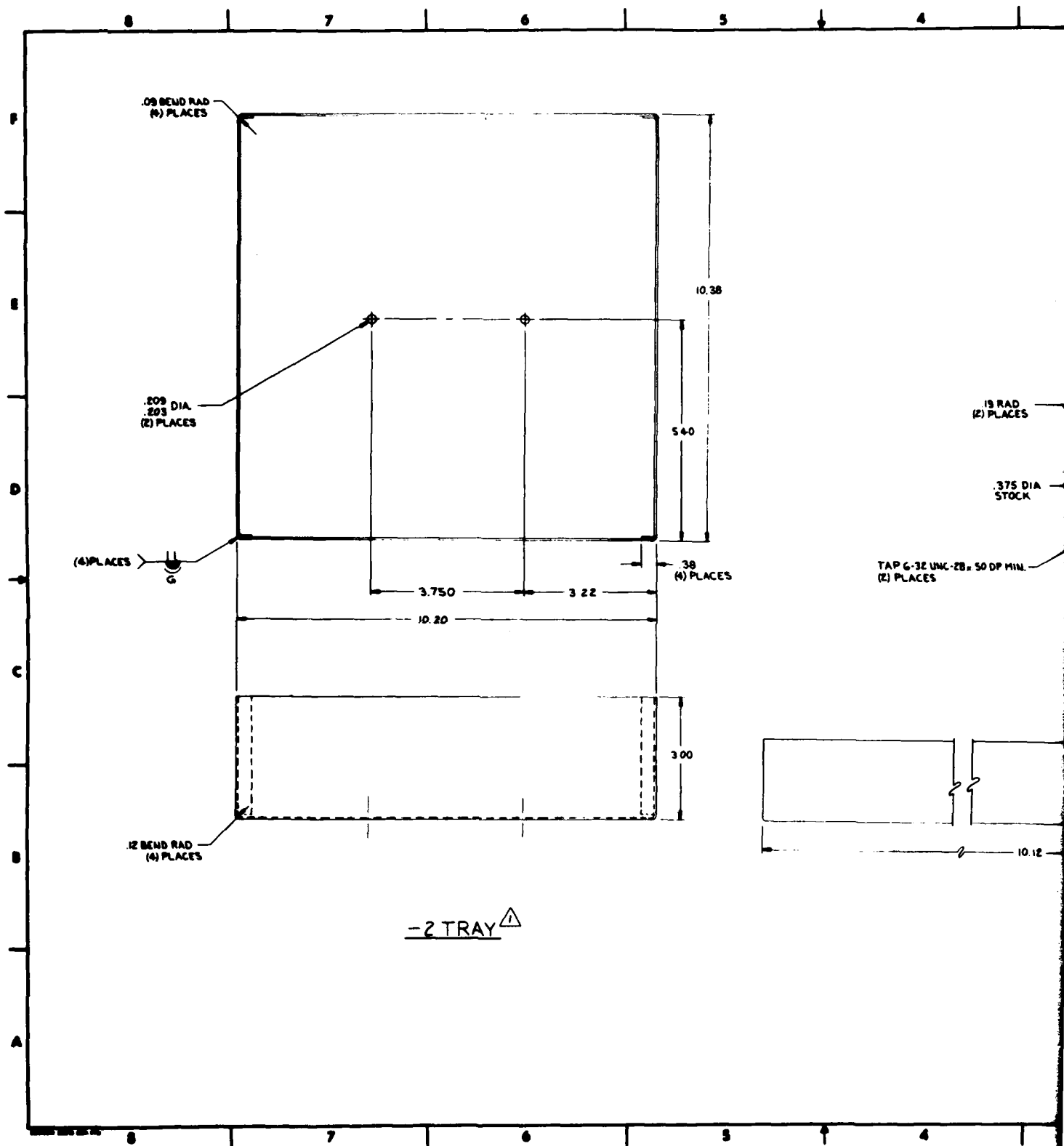
6 REF

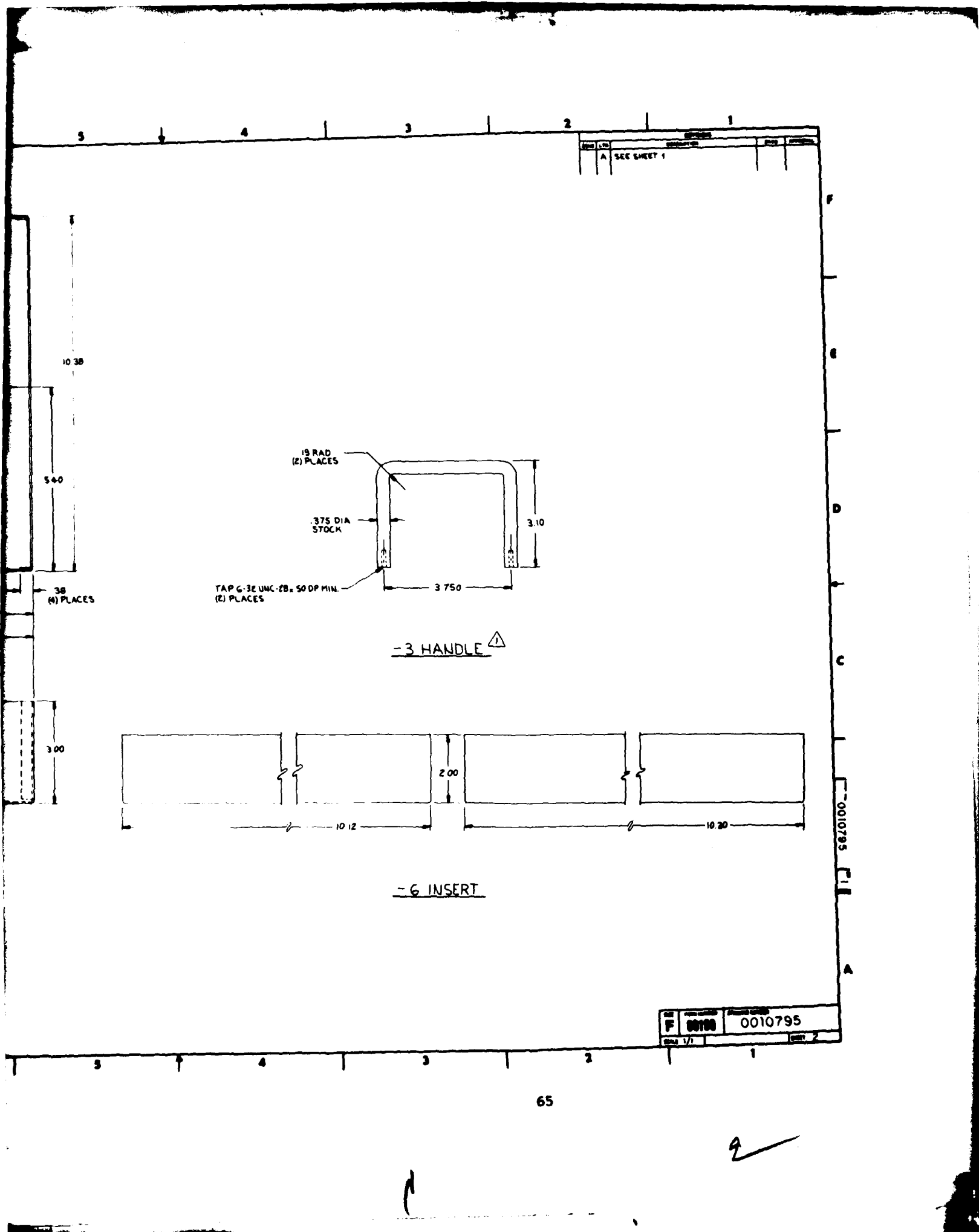
3 REF

2 REF

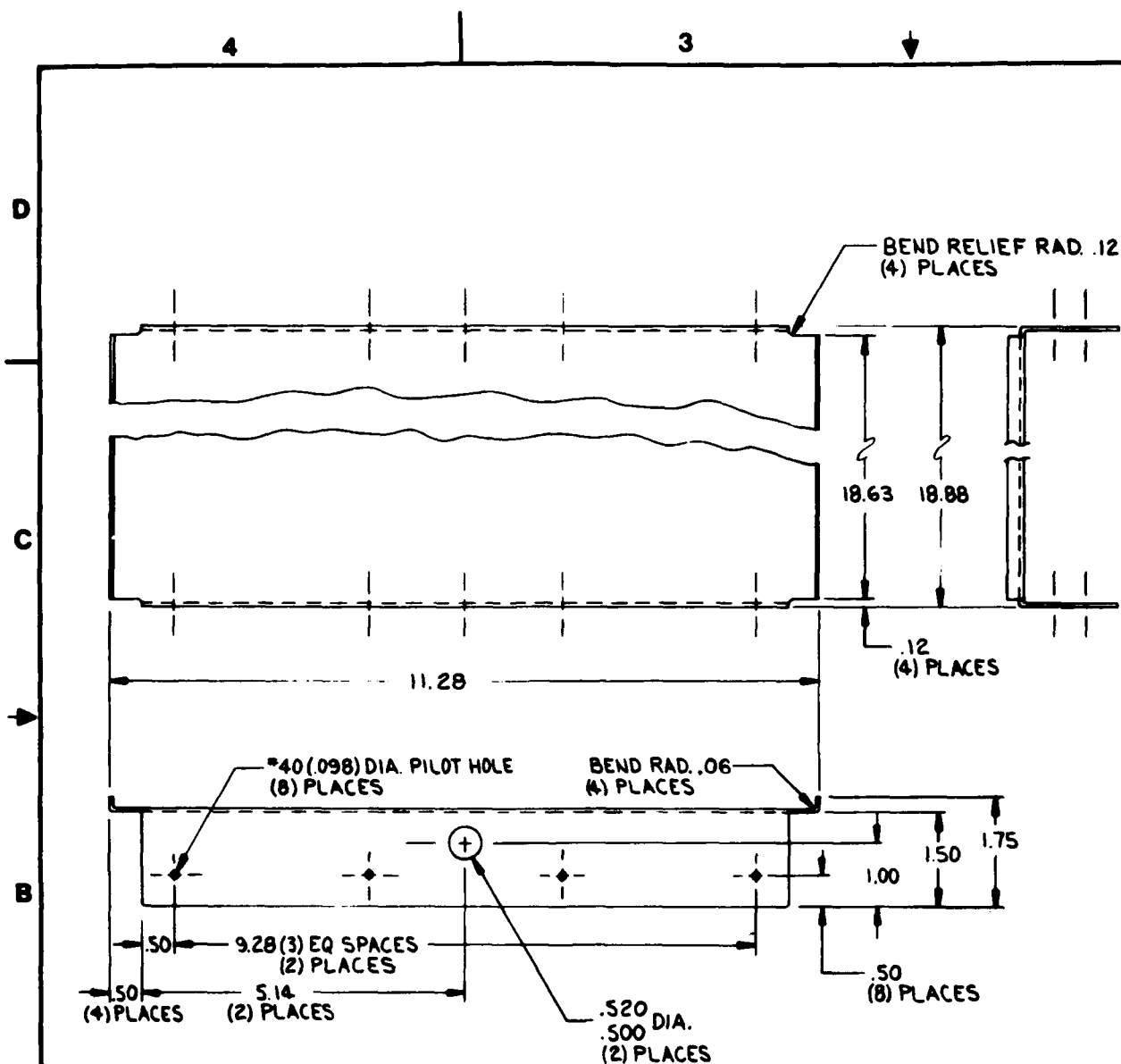
1	10121	- 6	INSERT, ETHAFORM
2	MS15795-006		WASHER, FLAT
2	MS1557-30		SCREW, MACH, PAN HD
1		- 3	HANDLE
1		- 2	TRAY
X		- 1	TRAY ASSEMBLY

0010795 1





2



-1 TRAY

QTY		REQ	FSCM NO	PART NO
				IDENTIFYING NUMBER
DO NOT SCALE THIS DRAWING				
UNLESS OTHERWISE SPECIFIED				
DIMENSIONS ARE IN INCHES				
BREAK ALL EDGES .03 MAX				
REMOVE ALL BURRS				
TOLERANCES ARE				
XX: .03 XXX: .010				
ANGLES: 2°				
FILLETS MAX				
SURFACE ROUGHNESS				
0111752		PLSSU		
NEXT ASSY		USED ON		
APPLICATION				
				INTERPRET DRAWING IN ACCORDANCE WITH MIL-STD-100
				PRIJ NO FA 2
				CDS CODE 514
				REL DATE

3

2

1

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVAL
	C	REDRAWN, REPLACES REV B WITH CHANGES: ADDED NOTE 2, APPLICATION (8) #4 PILOT HOLES WITH RELATED DIMENSIONS. .520/.500 DIA WAS .5# 1.00 WAS .50, 1.50 WAS 1.0 DELETED PARTS LIST 4 DELRIM STRIP. ADDED BEND RELIEF RAD. .12 & .12 BEND RADIUS ENE (CONTR) 10-1382	1-18-83	RWC

D

BEND RELIEF RAD. .12
(4) PLACES

18.63 18.88

.12
(4) PLACESBEND RAD. .06
(4) PLACES.50
(8) PLACES.520 DIA.
.500 DIA.
(2) PLACES

NOTES:

1. FINISH: APPLY PRIMER MIL-P-24441/4 .0006 TO .0009 THK. PAINT WITH MIL-C-83286, URETHANE COATING .0014-.0016 TOTAL THK. COLOR WHITE NO. 17925 OF FED-STD-575.
2. MATERIAL: .06 5052-H32 AL ALY PER QQ-A-250/B (1/4 HEAD)

C

DRAWING NO. 0010796

QTY	REQ	FSCM NO	PART NO IDENTIFYING NUMBER	DESCRIPTION OR NOMENCLATURE	MATERIAL / SPEC / REF DESG	ITEM NO
PARTS LIST						
DO NOT SCALE THIS DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES BREAK ALL EDGES .03 MAX REMOVE ALL BURRS TOLERANCES ARE XX± .03 XXX± .010 ANGLES: 2° FILLETS MAX SURFACE ROUGHNESS				NAVAL ELECTRONICS LABORATORY CENTER SAN DIEGO, CA. 92152		
INTERPRET DRAWING IN ACCORDANCE WITH MIL-STD-100				TRAY, DRAWER GUIDE		
APPROVED FOR BY DIRECTION				C 89199 0010796		
PROJ NO FA 23 CDS CODE 5143 REL DATE				SCALE 3/4 UNIT WT SHEET 1 OF 1		

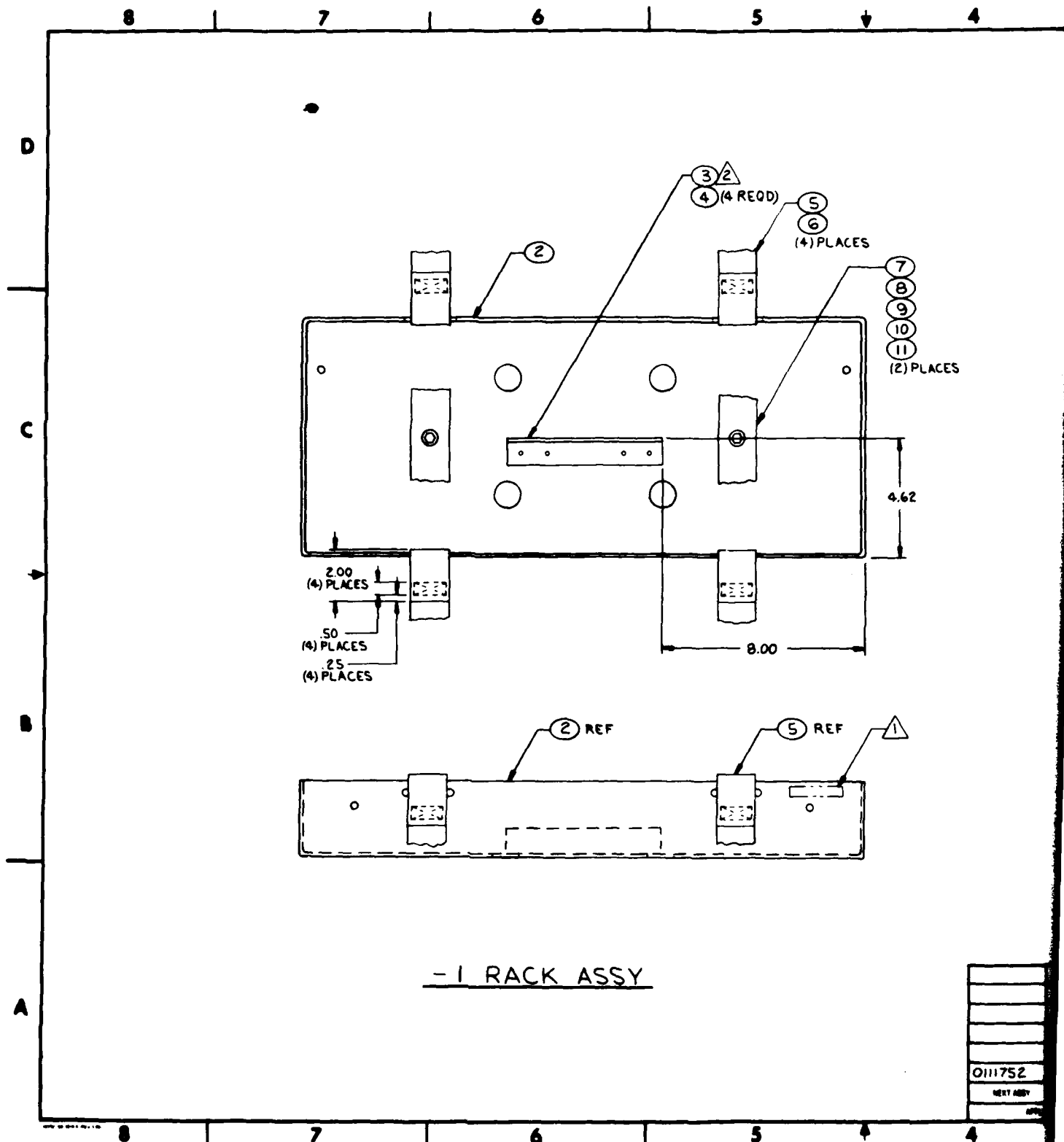
0111752	PLSSU
NEXT ASSY	USED ON
APPLICATION	

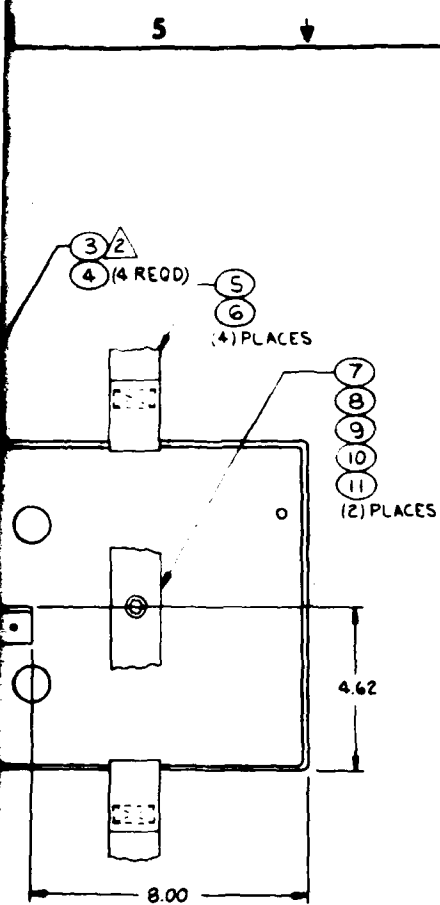
3

2

1

2





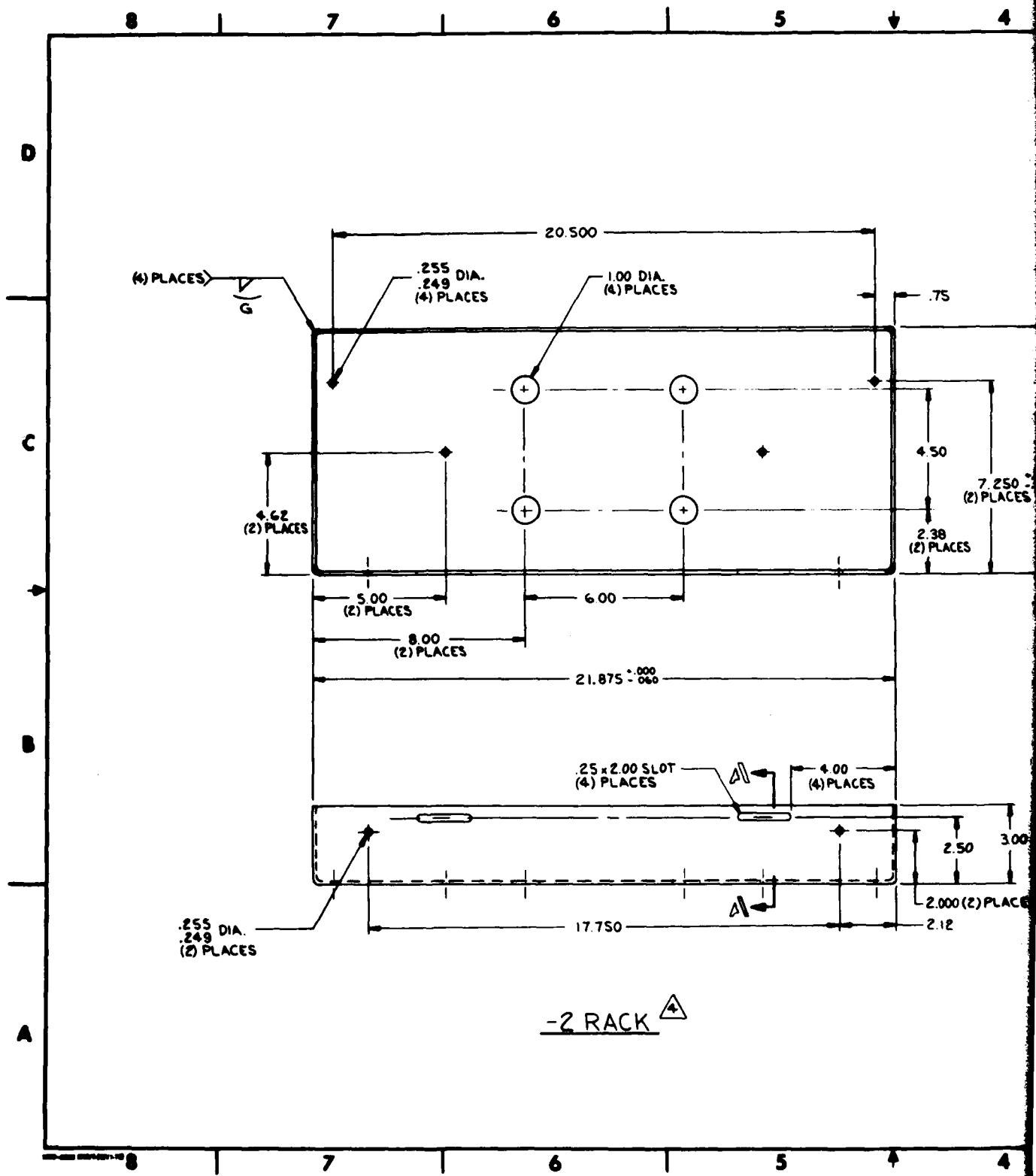
REV NO		0010797		1	
REV	STATUS	REV	DESCRIPTION	DATE	APPROVAL
1	1	1	REDRAW REPLACES NO CHANGE WITH CHANGES TO SHOW -1 ASSY (DETAIL PARTS. ADDED: APPLICATION, ITEMS 6 THRU 11 (NOTES 1, 1.5 TITLE WAS: RACK, O ₂ BOTTLE 'D' SIZE WAS: DRILL TO MATCH APPROX. WHERE SHOWN. ADDED 20.500 (DELETED .75 (2) PLACES. 21.075 - .000 - .060 WAS 22.0. 2.38 WAS 2.25. 4.62 WAS 4.50. 2.12 WAS 2.0. 18.0 WAS 17.75. 256/249 DIA (2) PLACES WAS .25 + .001 DELETED 2.5 (4.00 (ADDED 7.250 - .000 - .030. 25 + .001 (ADDED 2.55/249 DIA (2) PLACES EWE (CONTR) 10/12/82	1-15-82	AW

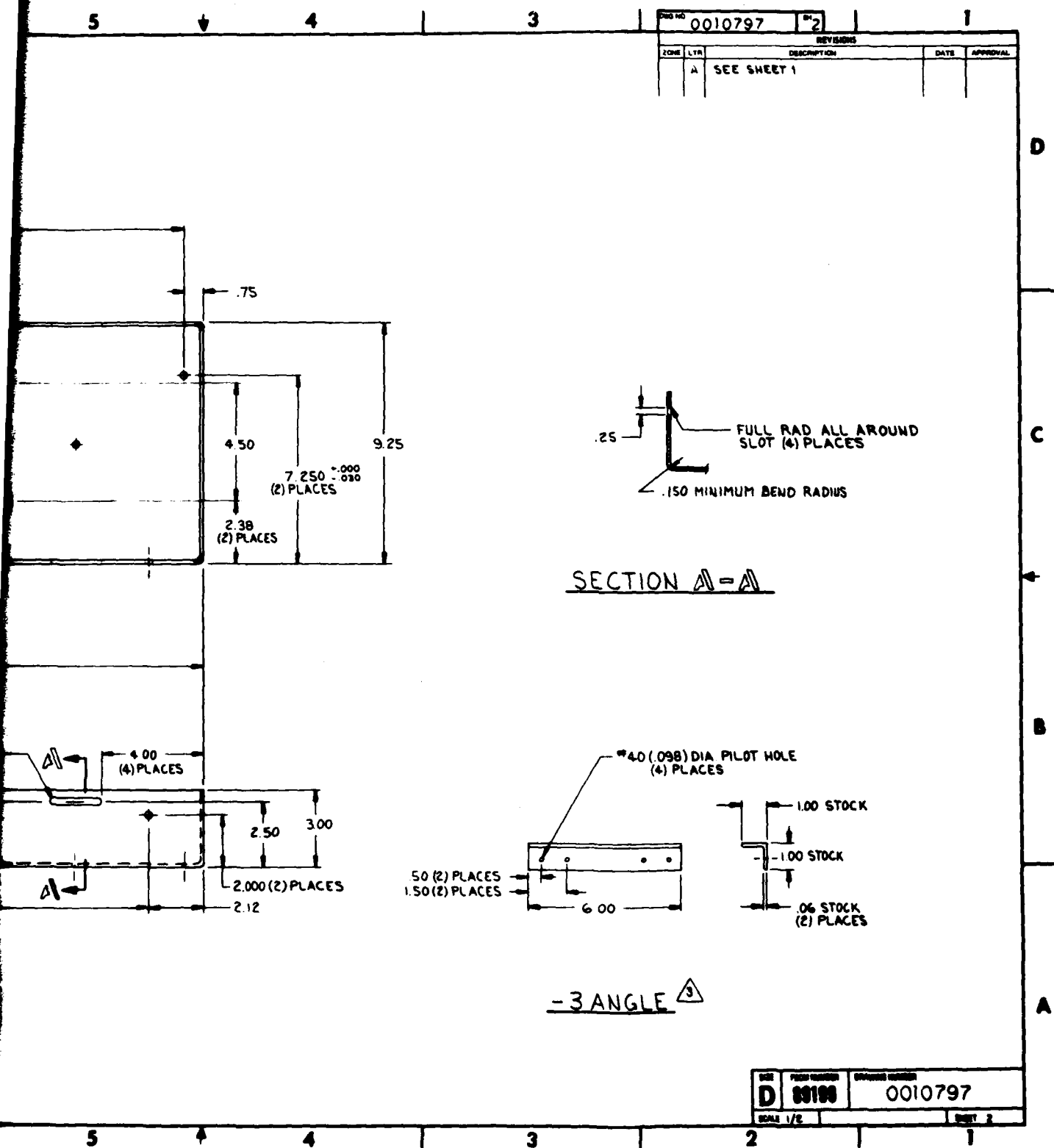
NOTES:

- 1 MARK PART NUMBER 89199-0010797 AND APPLICABLE DASH NUMBER APPROXIMATE WHERE SHOWN IN 1/2 HIGH GOTHIC CHARACTERS USING EPOXY MARKING INK MIL-I-43553 (BLACK).
- 2 MATCH - DRILL .124-.129 DIA. (4) PLACES ON ASSEMBLY FOR RIVETS (ITEM 4)
- 3 FINISH: ANODIZE PER MIL-A-8625, TYPE II, CLASS 1 (CLEAR)
- 4 FINISH: APPLY PRIMER MIL-P-24441/9 0006 TO 0009 THK.. PAINT WITH MIL-C-83286, URETHANE COATING .0014-.0016 TOTAL THK. COLOR WHITE NO 17925 OF FED-STD-575.

2	MS21044-C4	NUT, SELF-LOCKING, HEX	CRES	11
2	MS35338-139	WASHER, LOCK-SPRING, HELICAL	300 SERIES	10
2	MS9321-10	WASHER, FLAT	AMS 5510	9
2	MS16208-4	BOLT, MACHINE, HEX HD	1/4-20 x 3/4	8
2	0010800-1	STRAP ASSY		7
AR	TYPE I, CLASS I, SUBCLASS A, SIZE E	THREAD, V-T-2B5	POLYESTER, COLOR 5405	6
4	0010800-2	STRAP ASSY	WASHABLE, 3-PLY TWIST	5
4	MS20470AD4-6	RIVETS		4
1	-3	ANGLE	6063-T351 AL ALY PER QQ-	3
1	-2	RACK	09 6061-T6 AL ALY PER QQ-A-200/16	2
1	-1	RACK ASSY		1

QTY	REQ	PCH NO	PART OR IDENTIFYING NUMBER	DESCRIPTION OR IDENTIFICATION	REMARKS / SPEC / REF DESG	ITEM NO
PARTS LIST						
INTERPRET DRAWING IN ACCORDANCE WITH DOD STD 100				NAVAL ELECTRONICS LABORATORY CENTER SAN DIEGO, CA 92152		
DO NOT SCALE THIS DRAWING				RACK ASSEMBLY, O ₂ BOTTLE		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES ALL EDGES REMOVE ALL SHARP TOLERANCES ARE .XX ± .03 ANGLES ± .010				APPROVED: [Signature] 11-82 CHECKED: [Signature] PREPARED: EWE (CONTR) 10-82 PROJECT NUMBER: FA 25 COMBANT CODE: 5143 APPROVES FOR: [Signature]		
0111752	PLSSU					
NEXT ASSY	USED ON					
APPLICATION				RELEASED DATE		
				BY PROJECTOR		
				SCALE 1/2" = 1" UNIT BY		
				SHEET 1 OF 2		

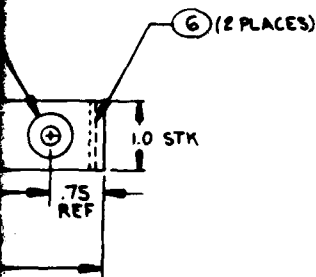






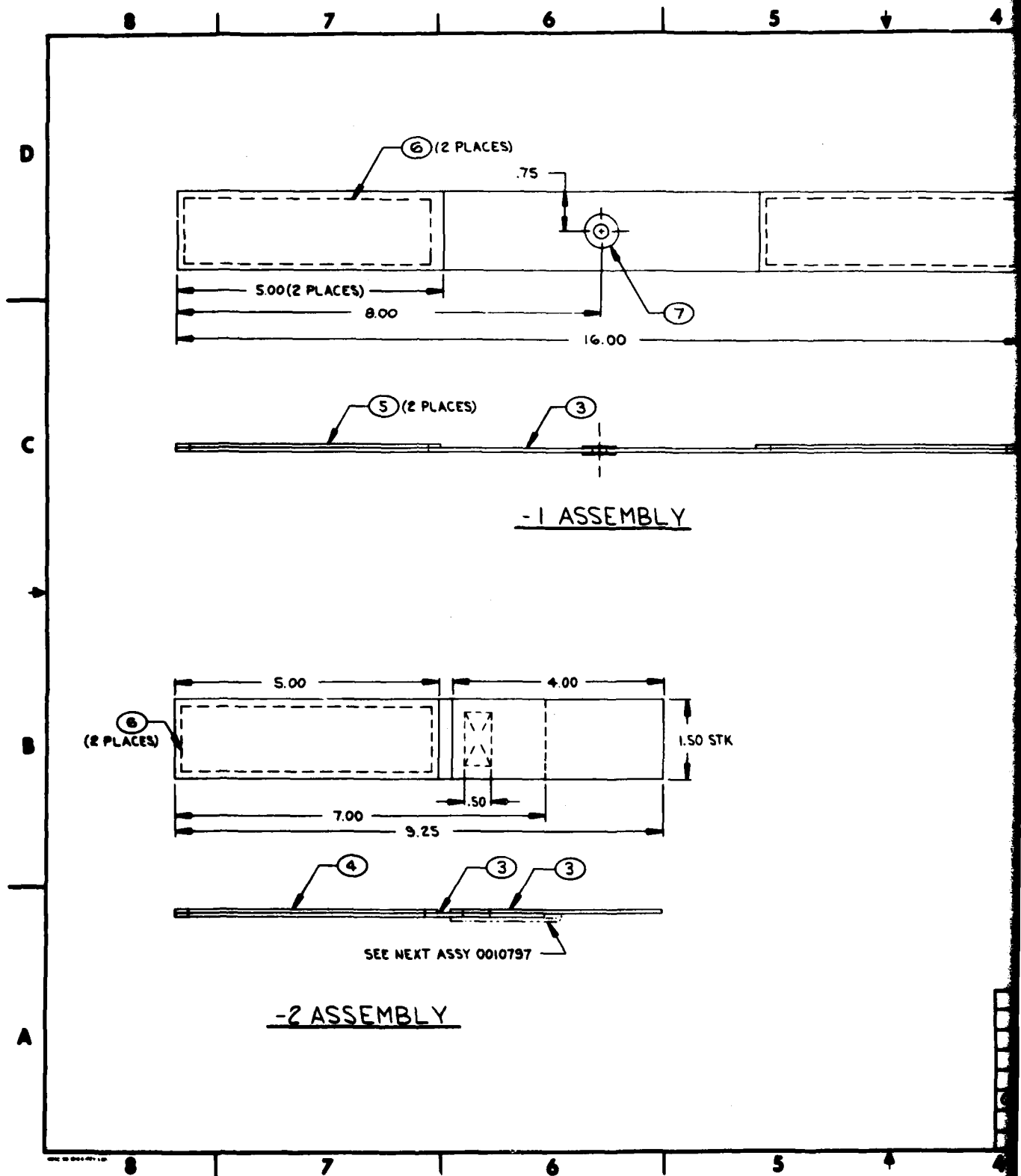
NOTES:

1. SEW PER MIL-STD-751:
STITCHES: TYPE 301 OR 401
SEAMS: TYPE SS2-1 & SS2-2
STITCHING: TYPE EFB-1
NUMBER OF STITCHES: 6-8 PER INCH
 2. BAG & TAG ASSEMBLIES MARK WITH PART NUMBER
0010799-1 ASSEMBLY & 0010799-2 ASSEMBLY
-  DIMENSION APPLIES TO -2 STRAP ASSEMBLY IN
FULLY EXTENDED POSITION



42"	12"	83219	30101A	STRAP	NYLON, 1.0 WIDE	7
AR	AR		TYPE I, CLASS I, SUBCLASS A SIZE E	THREAD, V-T-285	POLYESTER, COLOR SAGE WASHABLE 3-PLY TWIST	6
-	2		MS20250-A10	EYELET	.25 ID AL ALLOY	5
1	-	161717	34109-6	STRAP END	AEROQUIP	4
1	-	161717	31105	BUCKLE WITH HOOK	AEROQUIP, SERIES R	3
X	X		-2	STRAP ASSY		2
X	X		-1	STRAP ASSY		1
-2	-1					
QTY	REQ	PCDN NO	PART OR IDENTIFYING NUMBER	DESCRIPTION OR IDENTIFICATION	MATERIAL / SPEC / REF USED	ITEM NO

		INTERPRET DRAWINGS IN ACCORDANCE WITH 900-STD-100		PARTS LIST		NANAL ELECTRONICS LABORATORY CENTER SAN DIEGO, CA 92162	
		DO NOT SCALE THIS DRAWING		APPROVED <i>hbk</i> <i>LA</i>		STRAP ASSEMBLIES, CARGO	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED			
		BREAK ALL EDGES MAX		CHECKED			
		REMOVE ALL BURRS		PREPARED <i>EME CONTR</i>			
		TOLERANCES ARE .XX .20 .XX .		PROJECT NUMBER <i>FA23</i>		SIZE	
0111752		PLSSU		CONSISTENT FOR <i>5142</i>		FORM NUMBER	
NEXT ASSY		USED ON		APPROVED FOR		DRAWING NUMBER	
		APP. CATION		RELEASED DATE		D 00100 0010799	
		PALLET MAX		AN INJECTION		SCALE 1/1	
		SURFACE ROUGHNESS				UNIT WT	
						SHEET 1 OF 1	



5

4

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0010800

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ZONE		DESCRIPTION		DATE	APPROVAL
C-6	A	REDRAWN REPLACES REV C WITH CHANGES, DIVIDED INTO -1 ASSY & -2 ASSY, ADDED APPLICATION, NOTES & PARTS LIST. TITLE WAS: "STRAP, O ₂ BOTTLE DETAIL (D) CYLINDER. -1 ASSY: 16.00 WAS 14.00, DELETED 2.00, ADDED 8.00 & .75. -2 ASSY: 7.00 WAS 6.00, ADDED 4.00. 504925 EME (CONTR) 9-10-82		1-8-83	<i>h</i>
A-7					

D

1.50 STK

NOTES:

1. SEW PER MIL-STD-751:
STITCHES: TYPE 301 OR 401
SEAMS: TYPE SS2-1 & SS2-2
STITCHING: TYPE Efb-1
NUMBER OF STITCHES: 6-8 PER INCH
2. BAG & TAG ASSEMBLIES MARK WITH PART NUMBERS
0010800-1 ASSEMBLY & 0010800-2 ASSEMBLY

C

1.50 STK

B

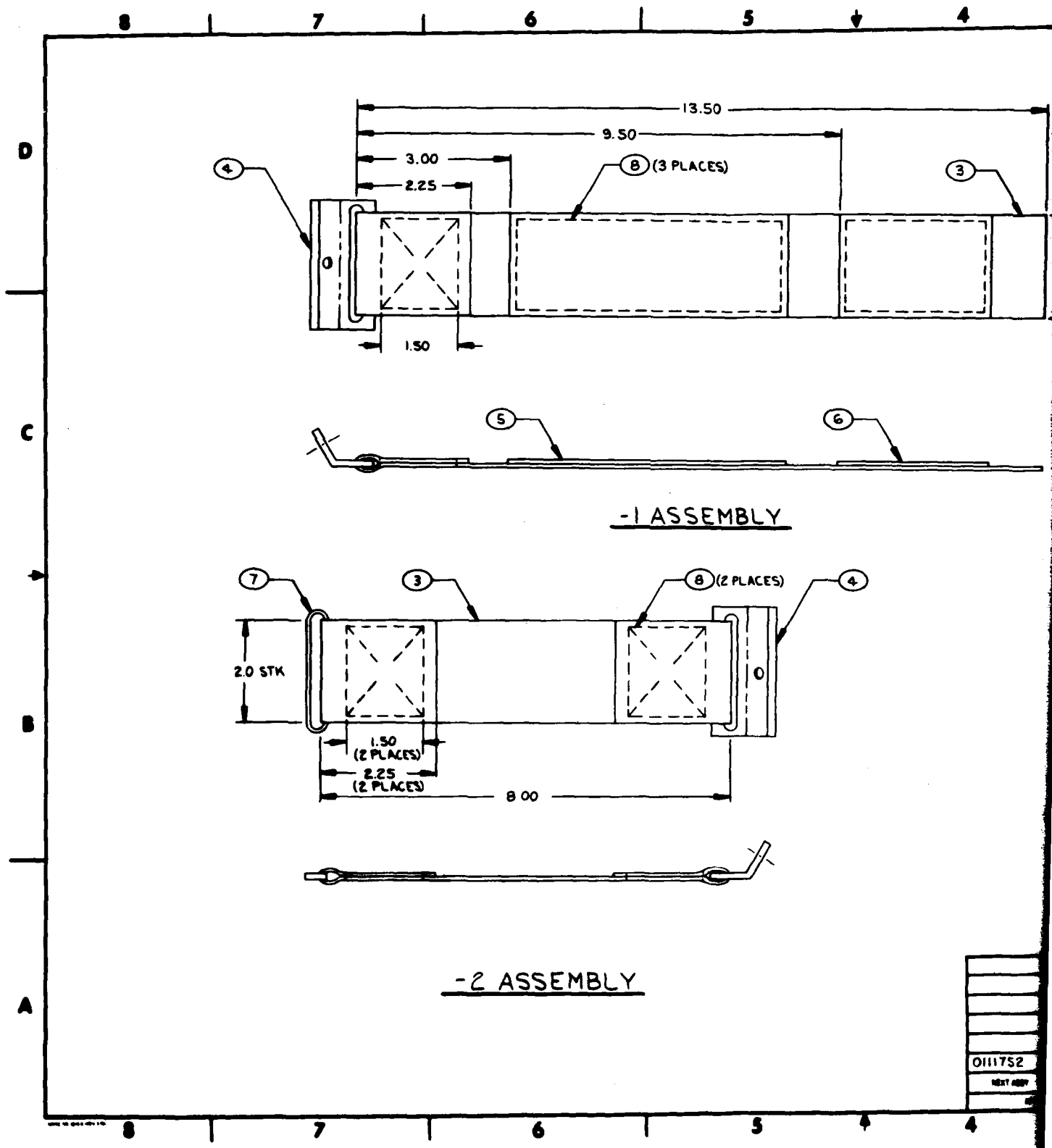
-	1	MS20230-A10	EYELET	2510 AL ALLOY	7
AR	AR	TYPE I, CLASS I,	THREAD, V-T-285	POLYESTER, COLOR 5485	6
		SUBCLASS A, SIZE E		WASHABLE, 3-PLY TWIST	
-	10"	11153	200-000-330-099-AA	VELCRO HOOK	5
5"	-	11153	200-001-330-099-AA	VELCRO LOOP	4
11"	16"	85938	NT14T4	STRAP	3
		-2	STRAP ASSY		2
		-1	STRAP ASSY		1
-2	-1	FROM	PART OR IDENTIFYING NUMBER	DESCRIPTION OR NOMENCLATURE	UNITARY / SPEC / REF DESIG
QTY	REQ	NO			ITEM NO

PARTS LIST

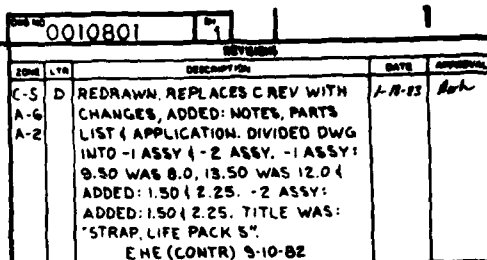
INTERPRET DRAWING IN ACCORDANCE WITH DOD-STD-100		NAVAL ELECTRONICS LABORATORY CENTER SAN DIEGO, CA 92152	
DO NOT SCALE THIS DRAWING		APPROVED <i>h</i> 1-8-83	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES BREAK ALL EDGES MAX REMOVE ALL BURRS TOLERANCES ARE XX ± .20 XXX		CHECKED <i>h</i> EME (CONTR) 9-10-82	
0010797	PLSSU	PROJECT NUMBER FA25	
NEXT ASSY	USED ON	CONSISTENT CODE 5143	
RELEASED DATE		APPROVED FOR	
BY DIRECTOR		D 89199 0010800	
APPLICATION		SCALE 1/1 UNIT WT	
RELEASED DATE		SHEET 1 OF 1	

A

2



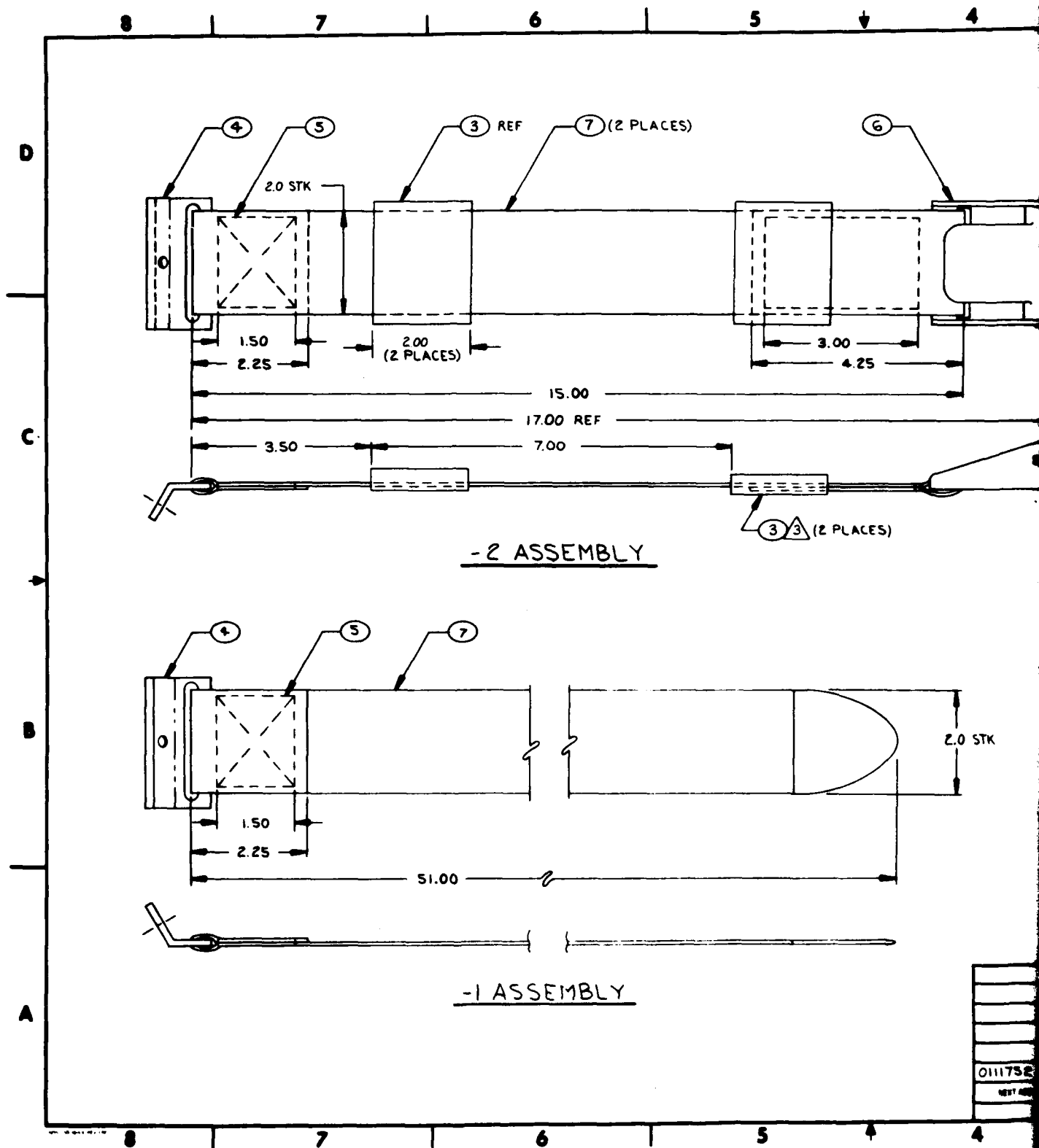
0111752
NEXT APP



1. SEW PER MIL-STD-751:
STITCHES: TYPE 301 OR 401
SEAMS: TYPE SS2-1 & SS2-2
STITCHING: TYPE EFB-1
NUMBER OF STITCHES: 6-8 PER INCH
2. BAG & TAG ASSEMBLY & MARK WITH PART NUMBER
0010801-1 ASSEMBLY & 0010801-2 ASSEMBLY

AR	AR		TYPE I, CLASS I, SUBCLASS A SIZE	THREAD, V-T-205	POLYESTER, COLOR 849C WASHABLE 3-PLY TWIST	
1	-	83988	G 89	RING LOOP	UNITEX 2.0	7
-	1	11153	200-080-330-099-AA	VELCRO HOOK	2.0 WIDE	6
-	1	11153	200-001-330-0199-AA	VELCRO LOOPS	2.0 WIDE	5
1	1	16717	AC 60018	STRAP END	AEROQUIP	4
13	16	83219	10642	STRAP	NYLON, 2.0 WIDE	3
			-2	STRAP ASSY		2
			-1	STRAP ASSY		1
-2	-1					
QTY	REQ	PCW	PART OR IDENTIFYING NUMBER	DESCRIPTION OR IDENTIFICATION	MATERIAL / SPEC / REF CODE	ITEM NO

		INTERPRET DRAWING IN ACCORDANCE WITH BOD STD 180		NAVNL ELECTRONICS LABORATORY CENTER SAN DIEGO, CA 92152	
		DO NOT SCALE THIS DRAWING		STRAP ASSEMBLES, LIFE PAK 5	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES N/AE			
		REMOVE ALL DIMS TOLERANCES ARE			
		IN .20 N/AE			
0111752	PLSSU	ANGLES IN PALETS N/AE		PROJECT NUMBER	FA23
NEXT ASSY	USED ON	SURFACE FINISHES		COMPLAINT CODE	5143
				APPROVED FOR	
APPLICATION		RELEASED DATE		BY OR DIRECTOR	
				SCALE 1/1	UNIT WT
				SHEET 1 OF 1	

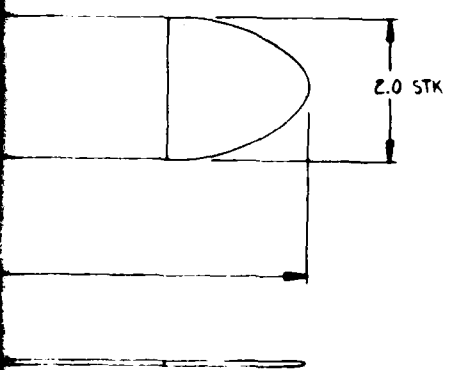
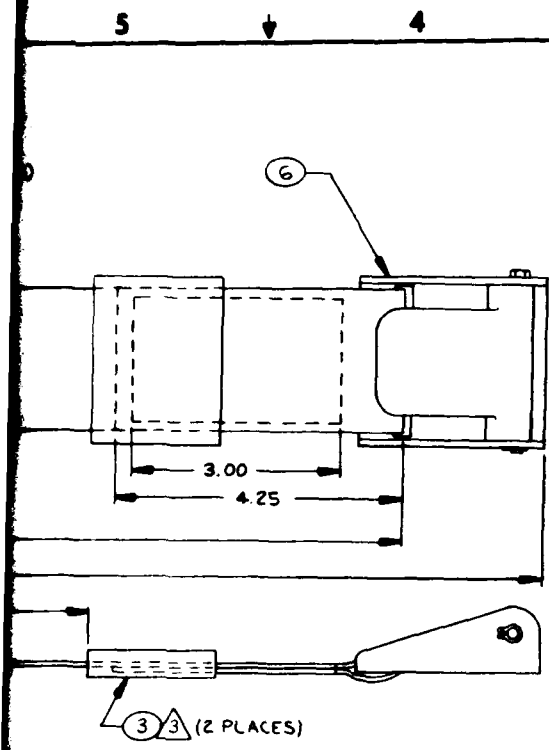


0111752
NEXT

REVISED		DATE		APPROVAL	
DATE	BY	DESCRIPTION	DATE	BY	APPROVAL
C-6	C	REDRAWN, REPLACES REV B WITH CHANGES. ADDED: NOTES, PARTS LIST & APPLICATION. DIVIDED DWG INTO -1 ASSY & -2 ASSY. -1 ASSY: ADDED 1.50 & 2.25, DELETED 2.0. -2 ASSY: ADDED 1.50, 2.25, 3.00, 4.25 & 17.00 REF WAS 17.0. TITLE WAS: "STRAP, STOKES LITTER". EME (CONTR) 9-15-82	9-15-82	MEAL	

NOTES:

1. SEW PER MIL-STD-751:
STITCHES: TYPE 301 OR 401
SEAMS: TYPE SS2-1 & SS2-2
STITCHING: TYPE EFB-1
NUMBER OF STITCHES: 6-8 PER INCH
2. BAG & TAG ASSEMBLY MARK WITH PART NUMBER
001082-1 ASSEMBLY & 001082-2 ASSEMBLY
3. SECURE ITEM 3 (STRAP LOOP) TO ITEM 8 (STRAP) WITH ITEM 5 (THREAD)



22	51	83219	10642	STRAP	NYLON, 2.0W	7
1	-		B 33	BUCKLE 2"	MIL - S - 96019	6
AR	AR		TYPE I, CLASS 1	THREAD, V-T-285	POLYESTER, COLOR 5485	5
			SUBCLASS A SIZE E		WASHABLE 3-PLYTWIST	
1	1	16717	34109-6	STRAP-END	AEROQUIP	4
2	-	83219	10642	STRAP LOOPS	NYLON, 2.0 WIDE,	3
				STRAP ASSY		2
				STRAP ASSY		1
2	-			PCN		
QTY	REQ	NO	PART OR IDENTIFYING NUMBER	DESCRIPTION OR NOMENCLATURE	INTERNAL / SPEC / REF DESG	ITEM NO

INTERPRET DRAWING IN ACCORDANCE WITH DOD STD 700		PARTS LIST	
DO NOT SCALE THIS DRAWING		NAVAL ELECTRONICS LABORATORY CENTER SAN DIEGO, CA 92152	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES BREAK ALL EDGES REMOVE ALL BURRS TOLERANCES ARE FRACTIONS DECIMALS ANGLES FILLET RADIUS SURFACE FINISH		APPROVED: <i>[Signature]</i> / 9/15/82 CHECKED: <i>[Signature]</i> PREPARED: EME (CONTR) 9/15/82 PROJECT NUMBER: FA 23 COMPLIANT CODE: 5-43 APPROVED FOR: <i>[Signature]</i>	
0111752	PLSSU	STRAP ASSEMBLIES, STOKES LITTER	
NEXT ASSY	USED ON	SIZE: D	PCN NUMBER: 83188
APPLICATION	RELEASED DATE	DRAWING NUMBER: 0010802	SCALE: 1/1
		BY: MEAL	DATE: 9-15-82

2

3

2

1

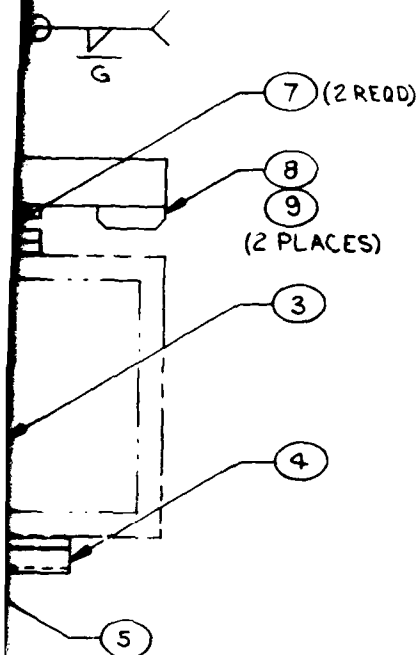
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVAL
-	C	REDRAWN, REPLACES REV B WITH CHANGES, COMPLETE REDESIGNED & REDRAWN PER FURNISHED SKETCH. EHE (CONTR) 3/20/82	1-17-83	REL

D

C

NOTES:

1. FINISH: ANODIZE PER MIL-A-8625, TYPE II, CLASS 1 (CLEAR). ITEMS 2, 3, 4 BEFORE ASSEMBLY.



CK ASSEMBLY

AR	MMM-A-1617, TYPE II	ADHESIVE	9
2	MIL-R-2765C	NEOPRENE	8
2	SU-5	CURVED WASHER	7
3	MS 9321-11	FLAT WASHER	6
1	MS16562-224	PIN, SPRING	5
1	-4	BACK PLATE	4
1	-3	SHAFT	3
1	-2	HANDLE	2
1	-1	ASSEMBLY	1

0010680

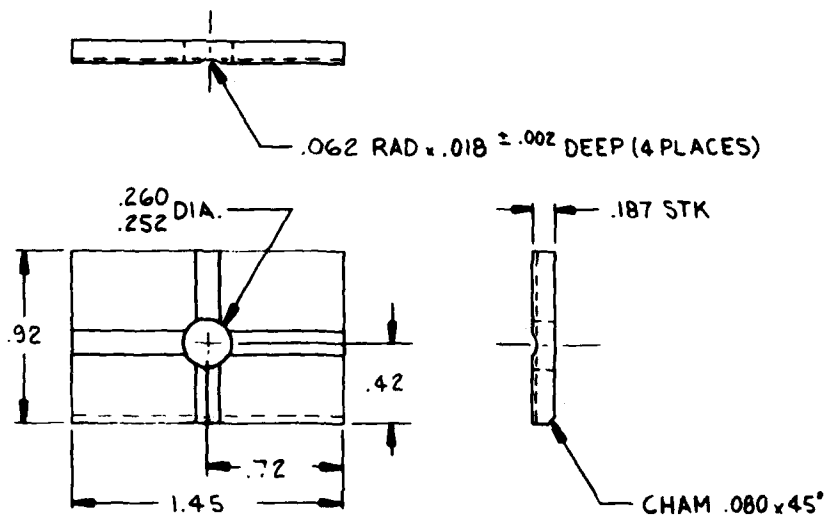
QTY	REQ	FSCM NO	PART NO IDENTIFYING NUMBER	DESCRIPTION OR NOMENCLATURE	MATERIAL/SPEC/REF DESC	ITEM NO
-1						
PARTS LIST						
DO NOT SCALE THIS DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES BREAK ALL EDGES .032 MAX REMOVE ALL BURRS TOLERANCES ARE XX: .03 XXX: .010 ANGLES: 2° FILLETS MAX SURFACE ROUGHNESS 32				NAVAL ELECTRONICS LABORATORY CENTER SAN DIEGO, CA. 92152 LOCK ASSEMBLY, WING		
0111752		PLSSU		INTERPRET DRAWING IN ACCORDANCE WITH MIL-STD-100 PROJ NO FA 23 COG CODE 5143 REL DATE		
NEXT ASSY		USED ON		APPROVED FOR BY DIRECTION		
APPLICATION				SIZE C PSCM NUMBER 89199 DRAWING NUMBER 0010680 SCALE 2:1 UNIT WT SHEET 1 OF 2		

A

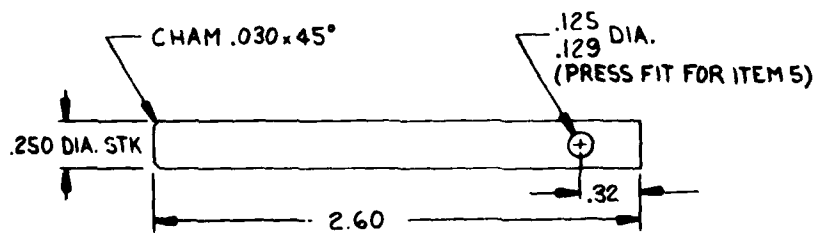
3

2

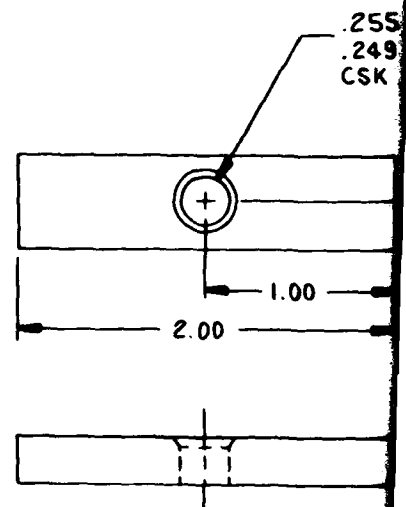
1



-4 BACK PLATE



-3 SHAFT



-2 HANDLE

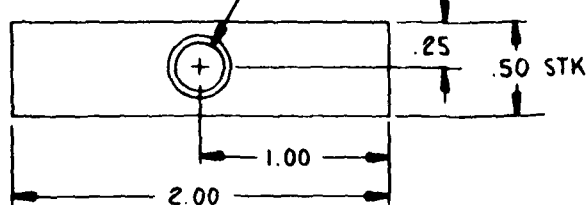
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVAL
	C	SEE SHEET 1		

± .002 DEEP (4 PLACES)

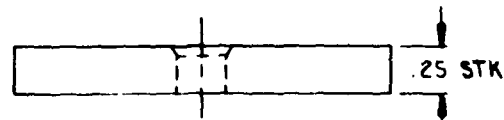
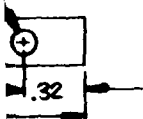
.187 STK

CHAM .080 x 45°

.255 DIA.
.249
CSK .280 x 45°



.125 DIA.
.129
(PRESS FIT FOR ITEM 5)

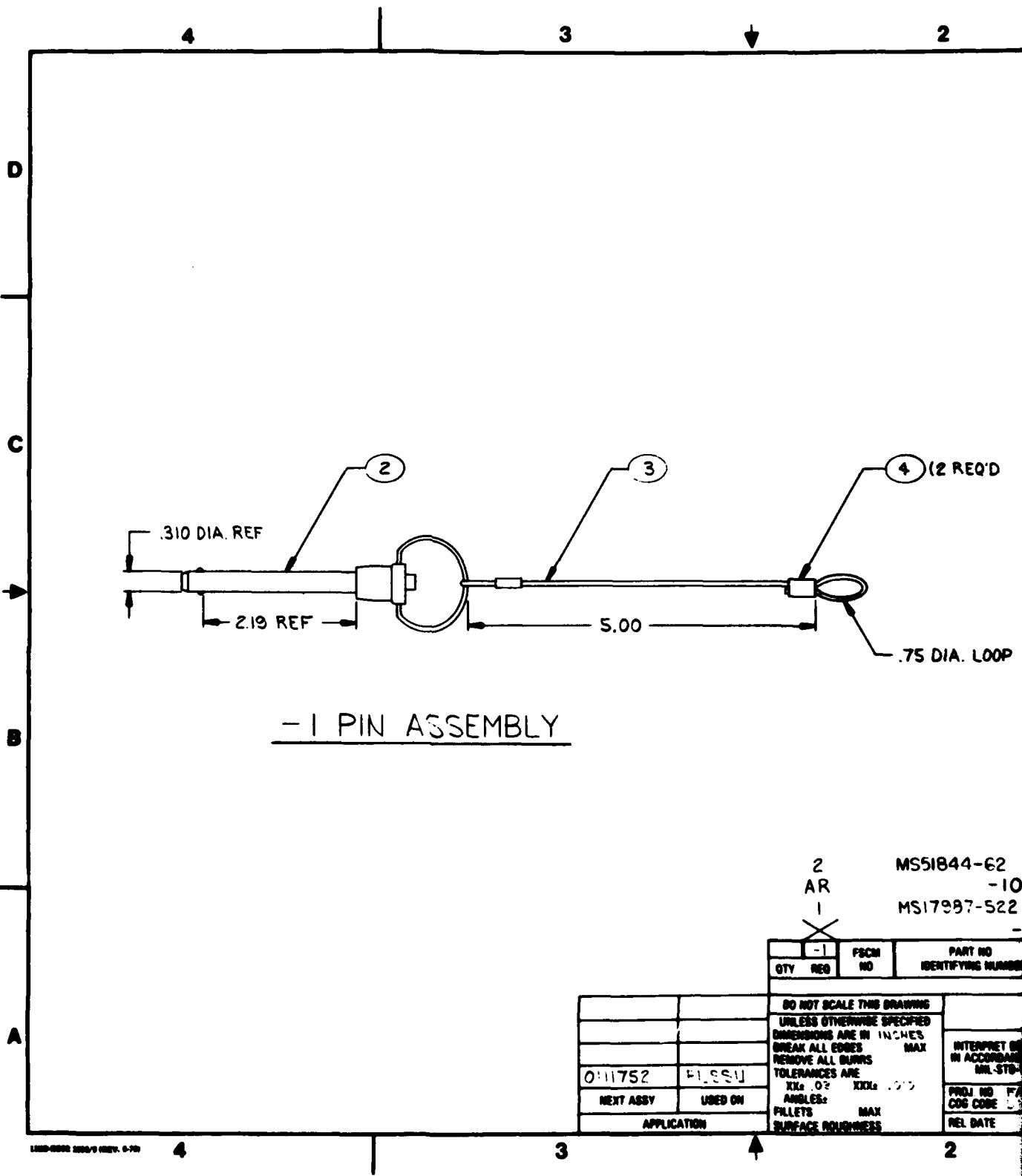


-2 HANDLE

SIZE 1 FROM BLANK	DRAWING NUMBER
C 55910	0010860
SCALE 2:1	SHEET 2

0010860

2



-1 PIN ASSEMBLY

2
AR
1

MS51844-62
-10
MS17997-522

QTY REQ		FSCM NO	PART NO IDENTIFYING NUMBER
-1			
DO NOT SCALE THIS DRAWING			
UNLESS OTHERWISE SPECIFIED			
DIMENSIONS ARE IN INCHES			
BREAK ALL EDGES			
REMOVE ALL BURRS			
TOLERANCES ARE			
XX± .02 XXX± .010			
ANGLES:			
FILLETS MAX			
SURFACE ROUGHNESS			
NEXT ASSY		USED ON	
APPLICATION		REL DATE	

011752	FILED
NEXT ASSY	USED ON
APPLICATION	

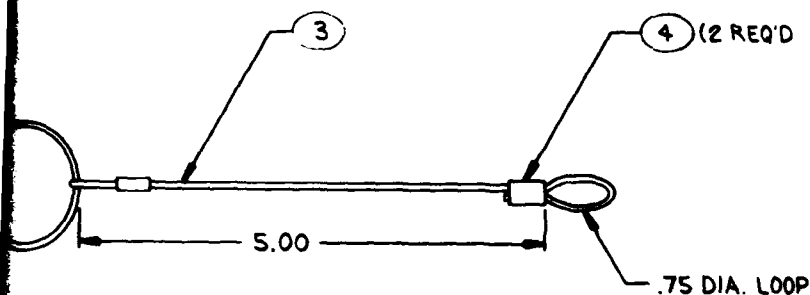
1280-0000 2000-0 0000-0 0-70

3

2

1

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVAL
	C	REDRAWN, REPLACES REV B WITH CHANGES: ADDED PARTS LIST & APPLICATION. DELETED .75 RING. TITLE WAS PIN, QUICK RELEASE ENE (CONTR) 11-2-82	1-11-83	ROL



ASSEMBLY

2
AR
1

MS51844-62 CABLE CRIMP
-101 CABLE
MS17987-522 PIN
-1 PIN ASSEMBLY

MIL-W-83420 TYPE I
COMP B, 7X7 .06 DIA4
3
2
1

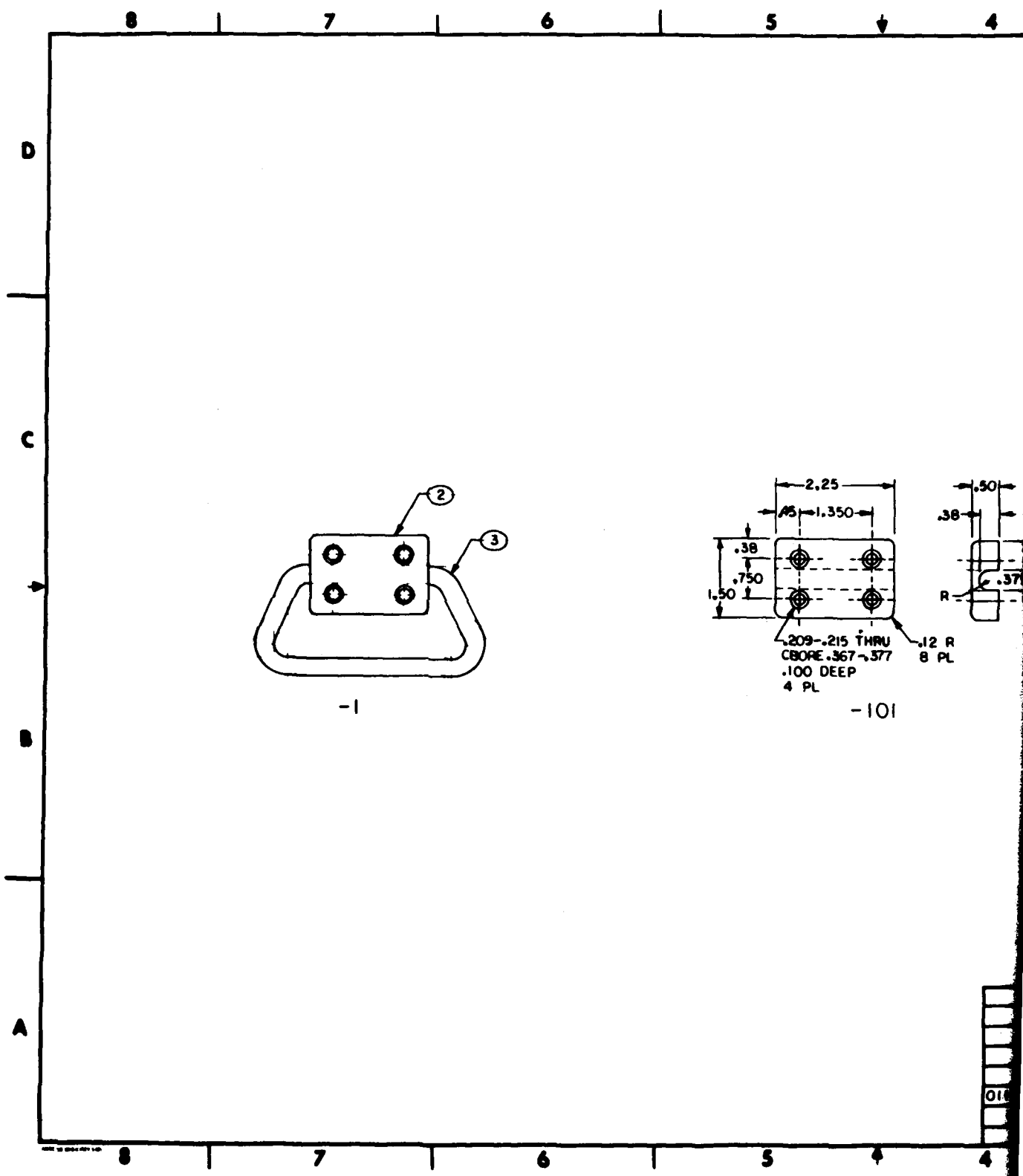
QTY	REQ	FSCM NO	PART NO IDENTIFYING NUMBER	DESCRIPTION OR NOMENCLATURE	MATERIAL/SPEC/REF DESG	ITEM NO.
PARTS LIST						
DO NOT SCALE THIS DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES BREAK ALL EDGES REMOVE ALL BURRS TOLERANCES ARE XX±.02 XX±.005 ANGLES: MAX FILLETS MAX SURFACE ROUGHNESS				INTERPRET DRAWING IN ACCORDANCE WITH MIL-STD-180	NAVAL ELECTRONICS LABORATORY CENTER SAN DIEGO, CA. 92152	
011752				APPROVED FOR	PIN ASSEMBLY, QUICK RELEASE	
NEXT ASSY				PROJ NO FA23	C 09199 0010 of 2	
USED ON				COS CODE 143	DRAWING NUMBER	
APPLICATION				REL DATE	SCALE 1 UNIT WT SHEET 1 OF 1	

3

2

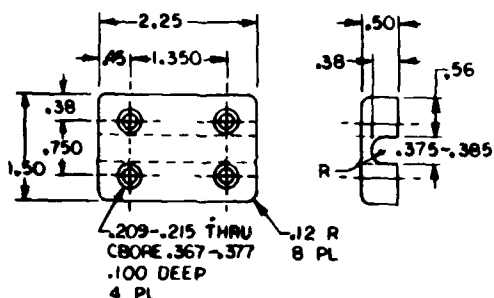
1

2

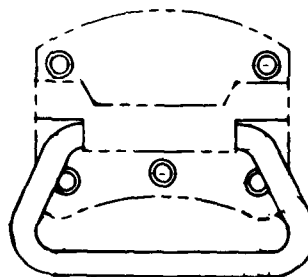


5 4 3 2 1

Dwg No		0112029		P1	
REVISIONS					
EDM	LTR	DESCRIPTION	DATE	APPROVAL	



-101



ITEM 3

REMOVE MOUNTING PLATE AND DISCARD. RETAIN BAIL AND USE ON ITEM 1.

1	MS35791-1	HANDLE, BAIL-CHEST	3
1	-101	MOUNTING PLATE	2
1		HANDLE, BAIL	1
QTY	REQ	PART OR IDENTIFYING NUMBER	DESCRIPTION OR NOMENCLATURE
PARTS LIST			
INTERPRET DRAWING IN ACCORDANCE WITH STD-STD-10		NAVAL OCEAN SYSTEMS CENTER SAN DIEGO, CA. 92162	
DO NOT SCALE THIS DRAWING		APPROVED: <i>[Signature]</i> 11-23	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED: <i>[Signature]</i>	
BREAK ALL EDGES .01 MAX		CHECKED: <i>[Signature]</i>	
REMOVE ALL BURRS		PREPARED: <i>[Signature]</i>	
TOLERANCES ARE .XX ± .03 .XXX ± .010		PROJECT NUMBER FA23	
ANGLES - MAX		CONSISTENT CODE 5143	
PALLETS - MAX		APPROVED FOR: <i>[Signature]</i>	
SURFACE FINISHES		BY: <i>[Signature]</i>	
RELEASED DATE		BY: <i>[Signature]</i>	
APPLICATION		BY: <i>[Signature]</i>	
NEXT ASSY		BY: <i>[Signature]</i>	
USED ON		BY: <i>[Signature]</i>	
SCALE 1/1		UNIT WT	
Dwg No 0112029		Sheet 1 of 1	

5 4 3 2 1

