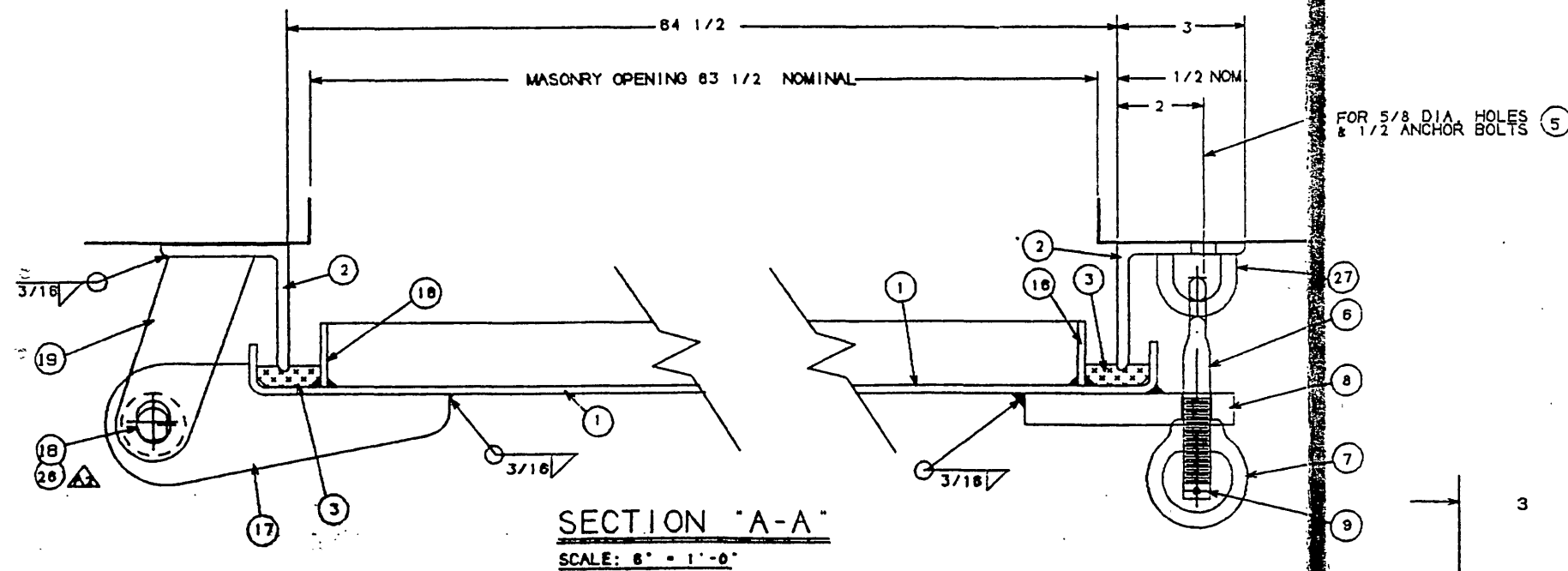
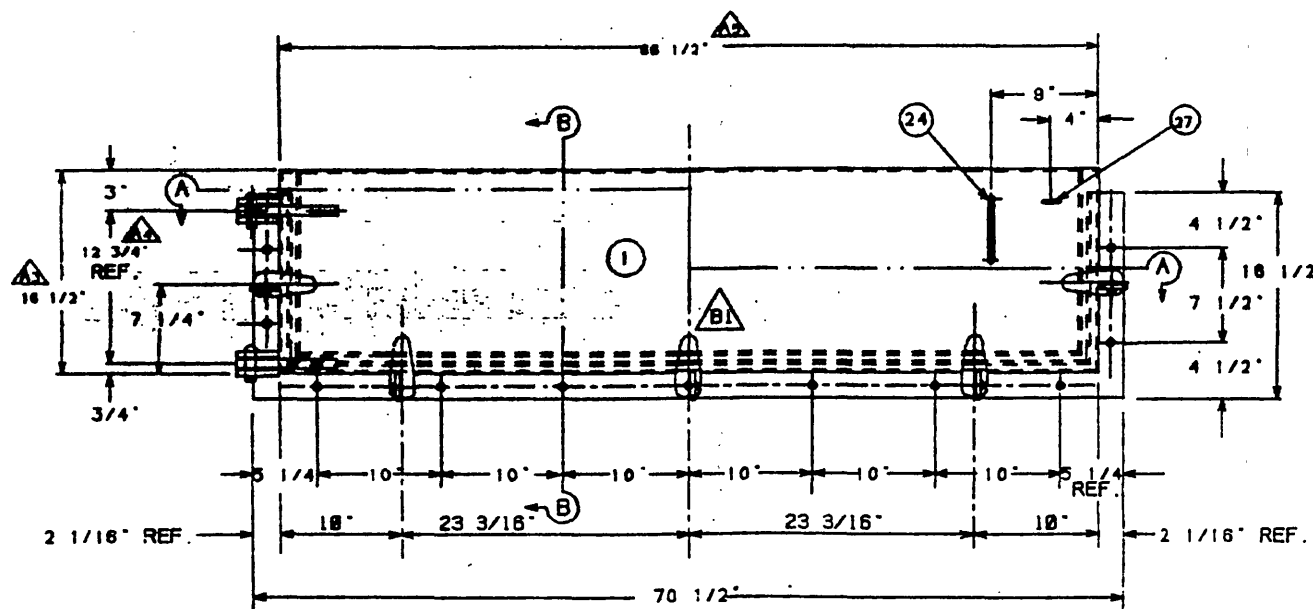


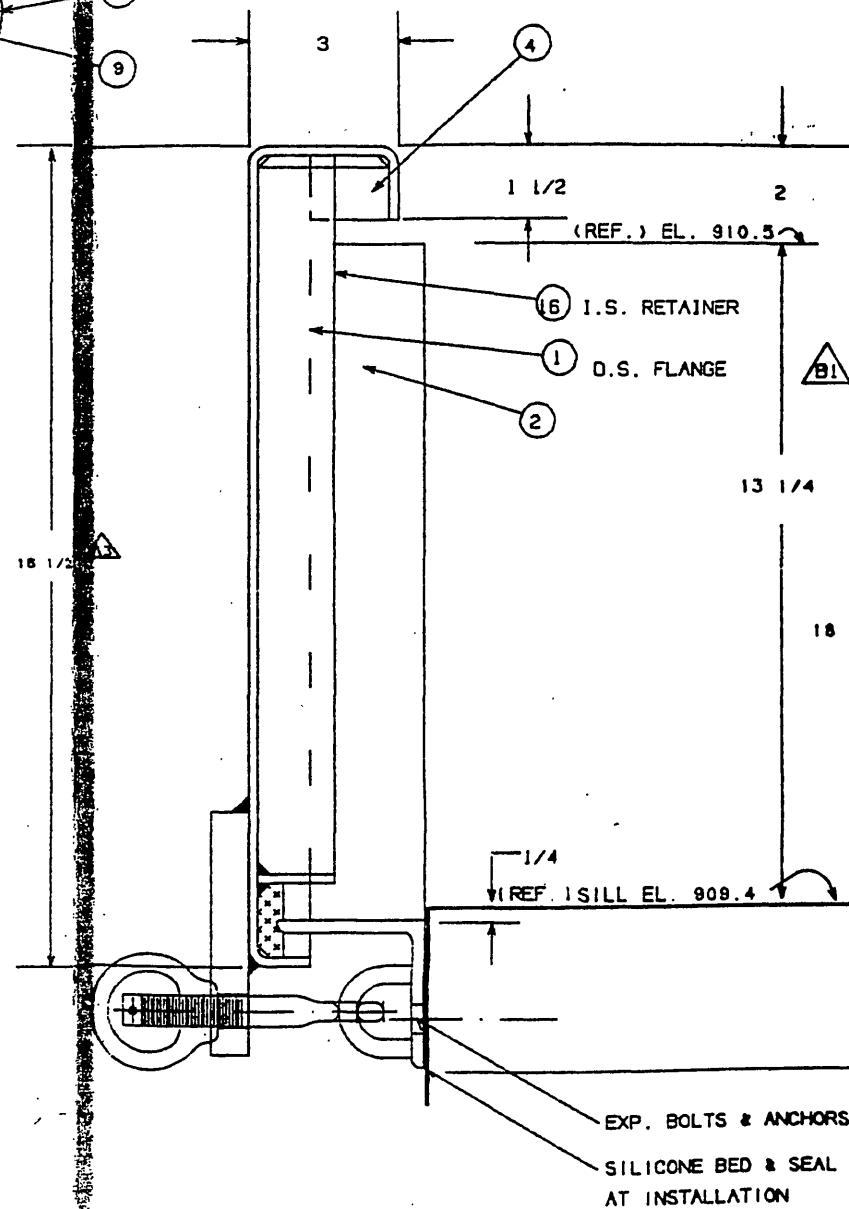
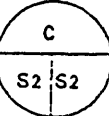


SECTION "A-A"
SCALE: 6" = 1'-0"



NITRIFICATION BASIN BUILDING FLOOD PANEL

6 PANELS REQUIRED-L.H. SHOWN
3 R.H. AND 3 L.H. PANELS
SCALE: 1 1/2" = 1'-0"



SECTION "B-B"
SCALE: 6" = 1'-0"

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	1 CHANGED MATERIAL FROM STNLS STL TO ALUMINUM 2 ADDED WASHER 3 CHANGED DIM. 16 7/16 TO 16 1/2 4 CHANGED DIM. 12 11/16 TO 12 3/4 5 CHANGED DIM. 66 3/8 TO 66 1/2	3/3/82	V.B.
B	1 ADDED DROP BOLT	6/9/92	V.B.

NOTES:

- ALL WELDING TO AWS D1.0-66 & CONTINUOUS.
- GASKET MATERIAL 25 DURO NEOPRENE ASTM D-2000.
- VERIFY FIELD MEASUREMENTS PRIOR TO FABRICATION.
- AT INSTALLATION SEAL JOINT BETWEEN FRAME & MASONRY WITH SILICONE SEALANT.
- TEMPLATE FOR EXPANSION BOLTS AT INSTALLATION.
- APPROX PANEL WEIGHT 80#
- CHALK TEST FOR TIGHTNESS AFTER INSTALLATION.
- LOCATE HOOK AND ANCHOR PLATE PC. 14 AT INSTALLATION TO HOLD PANEL OPEN 180 DEG. AGAINST WALL.
- PROVIDE FLUSH MOUNTING SURFACE IN WAY OF FRAME.

30					
29					
28					
27	6	3/8 STAPLE	ALUM 5088		3/8 DIA.
26	4	WASHER	304 SS		3/4 STD.
25					
24	1	GRAB HANDLE	ALUM 5088	D-WK-768-1	1/2 DIA.
23					
22					
21					
20					
19	4	HINGE PAD	ALUM 5088	B-VK-769-2	1/2X1 3/4
18	2	HINGE PIN W/COTTER	304 SS		3/4 DIA
17	2	HINGE BLADE	ALUM 5088	B-VK-769-1	3/4 PL.
16	1	RETAINER	ALUM 5088		1/4X1 1/2
15					
14	1	HOOK & ANCHOR PL	ALUM 5088	B-VK-769-4	NOTE #8
13					
12					
11					
10					
9	5	COLLAR & PIN	CRES	D-WK-768-1	
8	5	DOG PAD	ALUM 5088	B-WK-769-3	3/4 FB
7	5	RING BOLT	MN. BRZ.		3/4 DIA.
6	5	DROP BOLT	304 SS		3/4X4 1/2
5	11	EXPANSION ANCHOR	GALV. ST.		1/2 DIA.
4	2	FILLER PC	ALUM 5088		1/4 PL.
3	1	GASKET 1/2X1 1/4	NEOPRENE		25 DURO
2	1	FRAME	ALUM 5088		3X3X1/4
1	1	PANEL	ALUM 5088		1/4 PL.
PN	QTY	DESCRIPTION	MATERIAL	DWG. NO	REMARKS

BY	DATE	WALZ & KRENZER, INC.			
DESIGN	F.R. 1/31/92	98 FOREST AVE. LOCUST VALLEY, NY 11568			
CHECKED	C.D. 2/8/92	ROANOKE VA. -FLOOD REDUCTION PROJECT			
APPROVED	V.B. 2/8/92	US ARMY CORPS OF ENGINEERS			
		NITRIFICATION BASIN BUILDING			
		FLOOD PANEL 16 7/16 X 66 3/8			
P.O. NO.	1058	SIZE	63705	DWG. NO.	D-WK-768-10
JOB NO.	8274	SCALE		DATE	