



~~2 FLOODGATE REQUIRED-1-L.H. & 1-R.H.~~



NOTES:

- 1 ALL WELDING TO AWS
- 2 GASKET MATERIAL 25 DURO NEOPRENE ASTM D-2000.
- 3 VERIFY FIELD MEASUREMENTS PRIOR TO FABRICATION.
- 4 APPROX PANEL WEIGHT 349# EACH.
- 5 AFTER INSTALLATION SEAL ANY OPEN JOINTS BETWEEN
FRAME AND WALL WITH SILICONE SEALANT.
- 6 CHALK TEST FOR TIGHTNESS AFTER INSTALLATION.
- 7 LOCATE HOOK AND ANCHOR PLATE (PC. NO. 14) AT
INSTALLATION TO HOLD FLOODGATE OPEN APPROX.
90 DEG AGAINST WALL.
- 8 SEE SHEET #2 FOR RAMP DETAIL.

28	5	STIFFENER	ALUM 5086		4X3X1/4
27	30	3/8 STAPLE	ALUM 5086		3/8 DIA.
26	8	WASHER	304 CRES		3/4" STD.
25	---	-----	---	---	---
24	2	GRAB HANDLE	ALUM 5086	D-WK-768-1	1/2 DIA.
23	---	-----	---	---	---
22	---	-----	---	---	---
21	4	HING PAD GUSSET	ALUM 5086		1/2 PL.
20	6	FILLER PC. #2	ALUM 5086		1/4X2 FB
19	8	HINGE PAD	ALUM 5086	B-WK-768-2	1/2X1 3/4
18	4	HINGE PIN W/COTTER	304 CRES		3/4 DIA.
17	4	HINGE BLADE	ALUM 5086	B-WK-769-1	3/4
16	2	RETAINER	ALUM 5086		1/4X3 FB
15	1	BASE PLATE	ALUM 5086		3/8X2 FB
14	1	HOOK & ANCHOR PL.	ALUM 5086	B-WK-769-4	NOTE #7
13	2	CENTER FRAME	ALUM 5086		3X8 B. PL.
12	2	TOP FLANGE	ALUM 5086		3/8" PLATE
11	19	1/2 DIA. BOLT	GALV. ST.		1 3/4 LG.
10	19	1/2 HEX NUT	GALV. ST.		
9	28	COLLAR & COLLER	BRASS	D-WK-768-4	5/8" DIA.
8	28	DOG PAD	ALUM 5086	B-WK-769-3	3/4 FB
7	28	RING BOLT	MN. BRZ.		5/8 DIA.
6	28	DROP BOLT	304 CRES		5/8X4 1/2L
5	34	EXPANSION ANCHOR	GALV. ST.		1/2" DIA.
4	4	FILLER PC	ALUM 5086		1/4X2 FB
3	2	GASKET 1/2 X 1 1/4	NEOPRENE		25 DURO
2	2	FRAME	ALUM 5086		3.5X3.5X.375
1	2	PANEL	ALUM 5086		1/4 PL.
PN	QTY	DESCRIPTION	MATERIAL	DWG. NO.	REMARKS

WALZ & KRENZER, INC.

98 FOREST AVE. LOCUST VALLEY, NY 11560

ROANOKE VA. - FLOOD REDUCTION PROJECT

US ARMY CORPS OF ENGINEERS

SERVICE ACCESS ROAD

SERVICE ACCESS ROAD
FLOODGATES

P.O. 1058

JOB NO.: 8274

SIZE	PROJ. NO.
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540, 10.

D-WK-768-6 B

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