

NOTES

1 STORAGE-HANDLING

DO NOT STORE FLOOD BARRIERS IN A MANNER THAT WILL COMPRESS GASKETS, OR THAT WILL CAUSE DAMAGE TO GASKETS.

2 INSTALLATION

REFER TO ALL MANUFACTURERS' INSTALLATION NOTES AND DRAWINGS. INSTALL PLUMB, SQUARE, AND LEVEL, INSURING CONTINUOUS AND EVEN GASKET CONTACT. DO NOT DRILL OR PENETRATE ANY SURFACES OF SHIELDS WITHOUT CONSULTING MANUFACTURER. USE ONLY FASTENERS AND SEALANT PROVIDED BY THE MANUFACTURER.

3 MAINTENANCE-INSPECTION

PERIODIC INSPECTION AND MAINTENANCE OF FLOOD BARRIER INSTALLATIONS, INCLUDING SEALANTS, GASKETS, ANCHORS, AND OPERATING HARDWARE, IS THE RESPONSIBILITY OF THE OWNER.

4 STRUCTURAL REVIEW

STRUCTURAL REVIEW OF ADJACENT STRUCTURE'S CAPACITY TO WITHSTAND ALL FLOOD BARRIER SERVICE LOADS TRANSFERRED TO STRUCTURE IS BY OTHERS (NOT PS DOORS).

5 PERFORMANCE

FLOOD BARRIERS ARE DESIGNED TO CONTROL SHORT TERM HYDROSTATIC WATER LOADS (64 PCF) UP TO THE DESIGNED WATER HEIGHT NOTED ON THE DRAWINGS. NO ALLOWANCES HAVE BEEN INCLUDED TO CONTROL WAVE SURGE LOADS OR OTHER IMPACT LOADS UNLESS SPECIFICALLY DETAILED ON THE DRAWINGS. ALL LOADS ARE TRANSFERRED TO THE BUILDING STRUCTURE. ALWAYS ALLOW FOR CONTROL OF ANY LEAKAGE AND CONDENSATION THAT WILL OCCUR DURING HIGH WATER SITUATIONS. IN APPLICATIONS WHERE THE FLOOD BARRIER GASKETS CONTACT THE EXISTING BUILDING STRUCTURE, FLOORS, ETC. ALL SURFACES MUST BE SOUND, FLAT/LEVEL AND WITHOUT BLEMISH FOR BEST PERFORMANCE.

FIELD VERIFICATION IS REQUIRED BY OTHERS (NOT PS DOORS)

- 1 ALL DIMENSIONS AND INTERFERENCES.
- 2 JAMB CONDITIONS AND STRUCTURAL CAPACITY OF STRUCTURE.
- 3 ANCHOR LOCATIONS AND MINIMUM REQ'D EDGE/END DISTANCES, SPACING, EMBEDMENT DEPTHS, AND INSTALLTION PROCEDURE SPECIFIED IN THE ANCHOR MANUFACTURER'S TECHNICAL INFORMATION MANUAL.

DESIGN CRITERIA

DESIGN LOADS

(ALL LOADS TRANSFERRED TO STRUCTURE)
- HYDROSTATIC LOADS TO ELEV. AS INDICATED ON DRAWINGS, BASED ON HYDROSTATIC WATER LOAD (64 PCF).

MATERIALS

ALUMINUM: 5052-H32, 6005A-T5, 6061-T6, 6063-T6

STAINLESS STEEL: TYPE 304

FASTENERS: ZINC PLATED (UNLESS OTHERWISE NOTED)

GASKETS: EPDM

FINISHES

ALUMINUM:: RAW, MILL FINISH

STAINLESS STEEL: RAW, MILL FINISH

WELDS

EXPOSED, INTERFERING WELDS ARE GROUND, NOT FILLED OR POLISHED

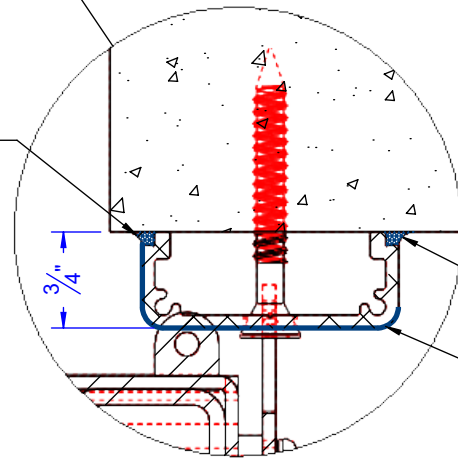
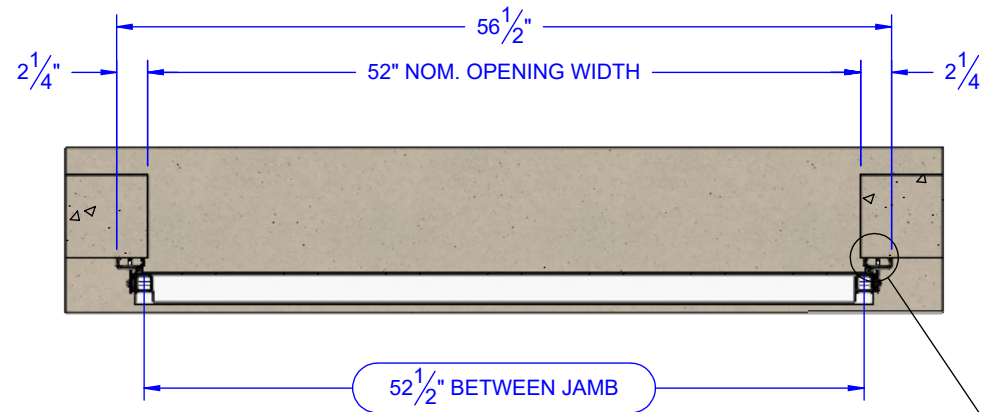
FACTORY WELDS:

ALUMINUM; ELECTRODE ER4043

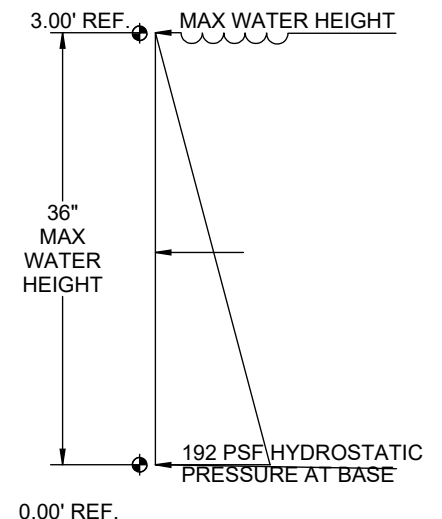
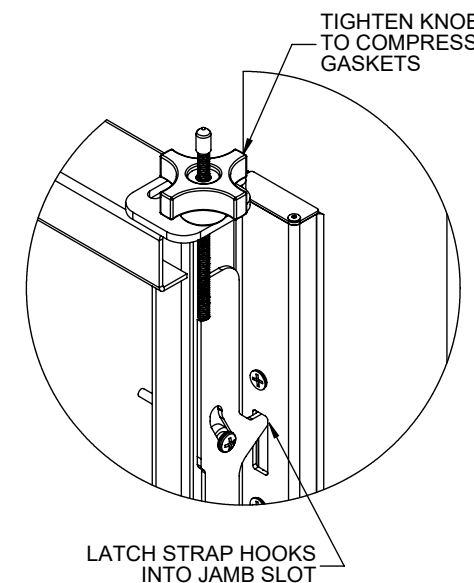
MILD STEEL; ELECTRODE ER70S-6

STAINLESS STEEL; ER308LSI

ITEM NO.	PART NO.	DESCRIPTION	QTY
1	513937	EZD;JAMB ASSEMBLY KIT	1
1.3	511744	ANCHOR;KWIKCON PFH 1/4X2-3/4	8
1.4	512843	STICK;WOOD 3/8"X1/16"X4-1/2"	1
1.5	511457	BIT;DRILL MASONRY 1/4X6"	1
2	511741	EZD;PANEL ASSEMBLY 54"	1
3	509809	SEALANT; POLYURETHANE, GRAY	1
4	511838	EZ DAM, TRAY, LARGE	1
5	513589	EZ DAM, COVER, LARGE	1
6	513258	EZDAM;DECAL	1
7	513259	EZD;INSTALLATION/O & M MANUAL	1



AFTER JAMB IS INSTALLED AND ATTACHED TO WALL, PLACE BEAD OF CAULK AROUND BOTTOM OF JAMB (DARK BLUE LINE) AND SMOOTH TO RADIUS WITH SUPPLIED SMOOTHING TOOL. **[IMPORTANT! LEAVE OUTSIDE EDGE OPEN FOR DRAINAGE.]** REMOVE/CLEAN EXCESS THAT MAY INTERFERE WITH GASKET. SEE O&M FOR INSTALLATION INSTRUCTIONS.



PRESSURE CHART - HYDROSTATIC LOADS ONLY (WATER @ 64 PCF)

ESTIMATED PART/ASSY WEIGHT: 43.26 LBS.

FINISH: MILL FINISH

REV.	REVISIONS	DATE	REVISED BY

DOOR/OPENING NAME:	SN:	SALES ORDER #:	QTY:
PRODUCT: EZD-600, 52"	DWG STATUS: APPROVED FOR CONSTRUCTION	DATE: 6/27/2018	SCALE: NTS
CUSTOMER:	DWG #: GEN-EZD-600-52	CHECKED: /	
CUST PO #:	DWG BY: ceast		
SALES ORDER NAME:			

PS DOORS
MANUFACTURING DIVISION
1150 48th St. S
GRAND FORKS, ND 58201
PH. 701-746-4519
FAX 701-746-8340
SHEET #1 OF 1 REV: E

C:\PS DOORS\PROJECTS\BLUE PROJECTS\EZD-600-52 (STOCK)\GEN-EZD-600-52; 6/27/2018