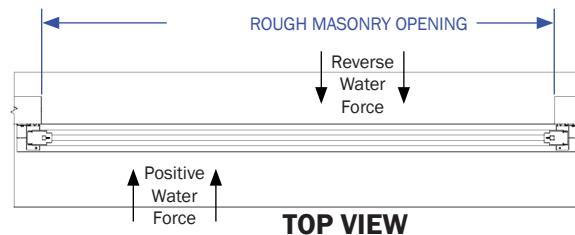
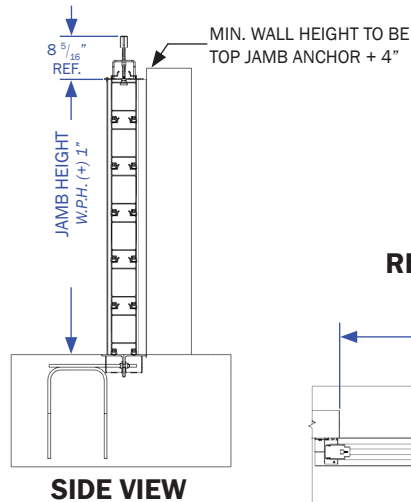
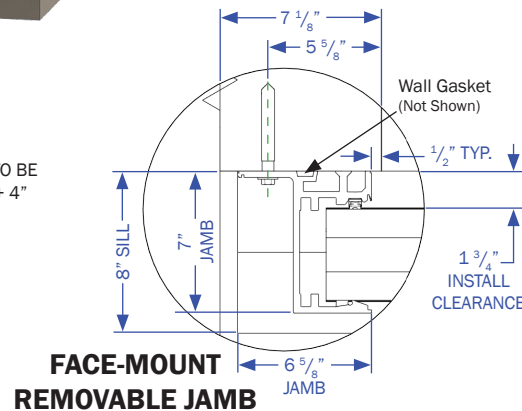
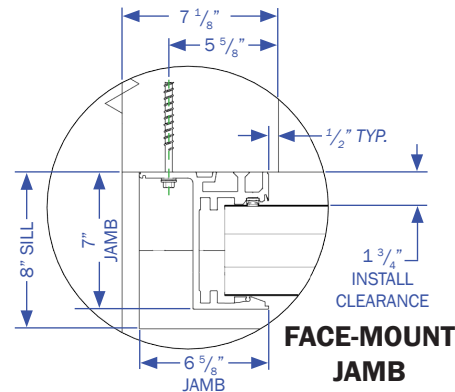
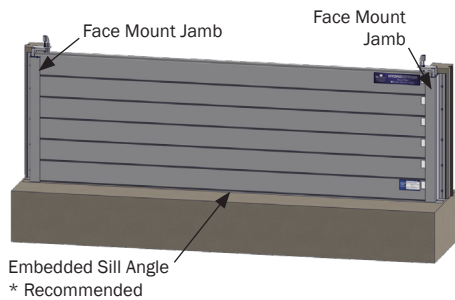


FP-535 MEASURING GUIDE & ORDER FORM



1150 S. 48TH STREET, GRAND FORKS, ND 58201
Phone: 701.746.4519 | **Toll Free:** 877.446.1519
Website: psfloodbarriers.com
Email: 4psinfo@psindustries.com

HYDRODEFENSE[®] Flood Plank[™] XL



SOLD/QUOTE TO:

NAME:

COMPANY:

ADDRESS:

CITY, STATE, ZIP:

PHONE:

FAX:

EMAIL:

PROJECT INFO:

PROJECT NAME:

OPENING NAME:

QUANTITY:

ROUGH OPENING WIDTH:

(inches)

WATER PROTECTION HEIGHT:

(inches)

(LARGE OPENINGS: For large openings with loading the number of spans/supports must be engineered by PS Industries Incorporated. Construction Drawings are required for custom designed openings.)

MOUNTING SURFACE:

CIP

CMU (WALL THICKNESS
(GROUT-FILLED) IN INCHES)

STRUCTURAL STEEL

LEFT JAMB TYPE:

PERMANENT

REMOVABLE

RIGHT JAMB TYPE:

PERMANENT

REMOVABLE

MULLION TYPE:

POST

A-FRAME

CORNER

MULLION EMBED TYPE:

EMBEDDED RECEIVER
(STANDARD)POST-INSTALLED
THREADED INSERTS

JAMB FINISH:

ALUMINUM MILL FINISH
(STANDARD)POWDER COAT
(COLOR)

SILL TYPE:

EMBEDDED ANGLE
(STANDARD)SURFACE MOUNTED
PLATE

NO SILL

SILL MATERIAL:

HOT-DIPPED GALV.

304 STAINLESS STEEL

MISC HARDWARE:

LOCKABLE JAMB
COVERS

JAMB EXTENSIONS

STAMPED CALCULATIONS REQUESTED:

YES

STATE

NO

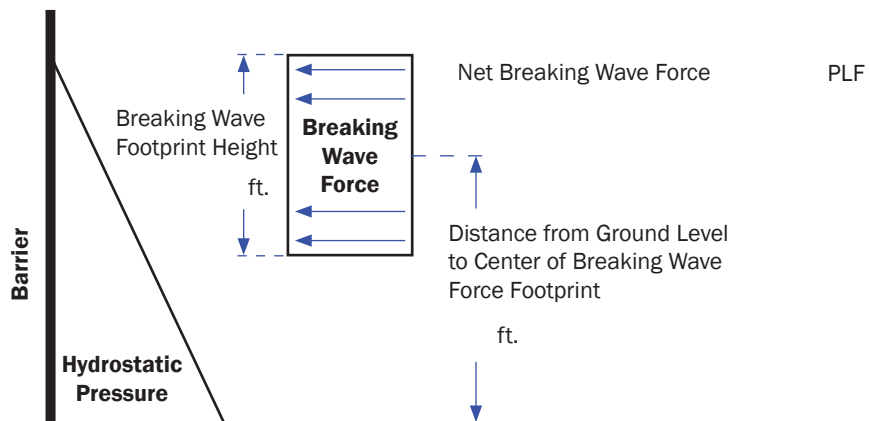
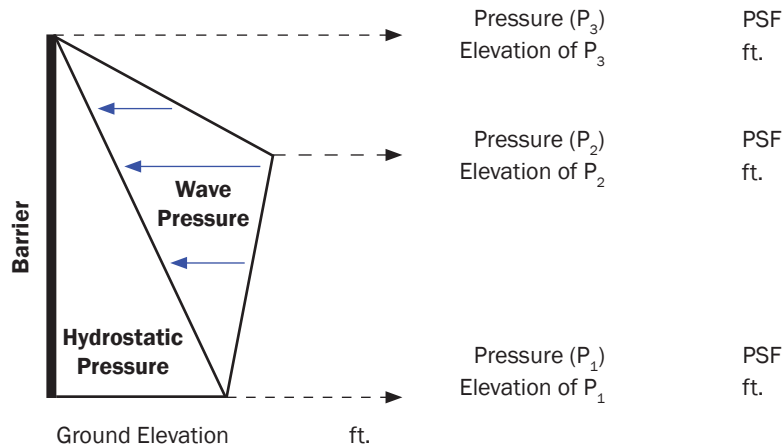
(Registered professional engineer stamped calculations from within the state or territory the building will be constructed or substantially improved.)

LOADING FORM



1150 S. 48TH STREET, GRAND FORKS, ND 58201
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Email: 4psinfo@psindustries.com

WAVE LOAD DIAGRAMS



*ASCE 7-10/16, Section 5.4.4.2 & Figure 5.4-1

LOAD INFO:

FLOOD LOAD REGULATION:

ADDITIONAL LOAD CODE(S):

HYDROSTATIC LOAD: YES

PRESSURE:

WATER PROTECTION HEIGHT (WPH): (inches) UNIT WEIGHT OF FLUID: (PSF)

IS FLUID HEIGHT PRORATED TO INCLUDE OTHER LOADING?:

EXPLAIN:

HYDRODYNAMIC LOADS: YES NO

HYDRODYNAMIC PRESSURE: (PSF)

DRAW COEFFICIENT: VELOCITY OF WATER: (ft/s)

IMPACT LOADS: YES NO

IMPACT FORCE: (lbs) IMPACT FOOTPRINT WIDTH: (inches)

ELEVATION OF IMPACT: (ft) IMPACT FOOTPRINT HEIGHT: (inches)

DEBRIS WEIGHT: (lbs) VELOCITY OF OBJECT: (ft/s)

ACCELERATION DUE TO GRAVITY: (ft/s) IMPACT DURATION: (ft/s)

IMPORTANCE COEFFICIENT: ORIENTATION COEFFICIENT:

DEPTH COEFFICIENT: BLOCKAGE COEFFICIENT:

MAX RESPONSE RATIO FOR IMPULSIVE LOAD:

WIND LOADS: YES NO

WIND LOAD REGULATIONS:

WIND PRESSURE: (PSF) WIND SPEED: (mph)

FAN PRESSURE: YES NO

FAN PRESSURE: (PSF)

WAVE LOADS: YES NO

BASE FLOOD ELEVATION: (ft) GROUND ELEVATION: (ft)

DYNAMIC PRESSURE COEFFICIENT: ANGLE OF OBLIQUE WAVE: (°)

NET BREAKING WAVE FORCE: (PLF) LOCAL STILL WATER DEPTH: (ft)

MAXIMUM COMBINED STATIC AND DYNAMIC PRESSURES: (PSF)

NOTICE Provide all information above that applies, unless clearly called out in supplemental drawings.