FLEX-GATE® 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

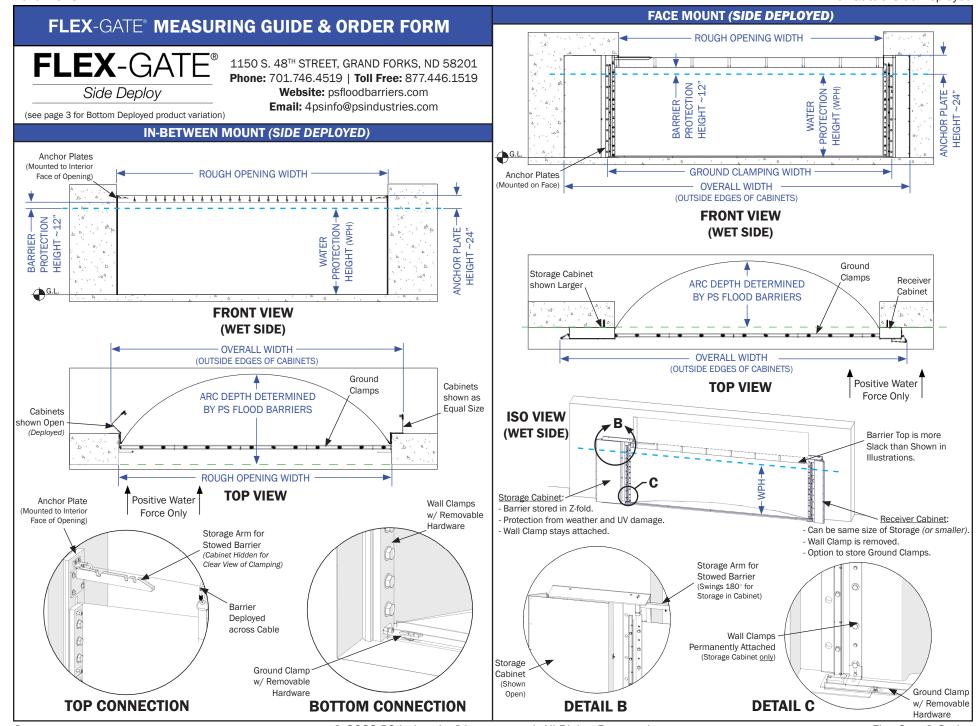


FLEX-	GATE [®]
Side De	eploy

FLEX-GATE® Bottom Deploy

	Page 2)	ORDER	(Page 3)
SOLD/QUOTE TO:	PROJECT INFO:		
NAME:	PROJECT NAME:	OPENING NAME:	
COMPANY:	ROUGH OPENING WIDTH:	(inches) WATER PROTECTION	HEIGHT: (inches)
ADDRESS:	LOADING REQUIRED:	•	
CITY, STATE, ZIP:	IMPACT: (LBS)	" X " HYDRODYNAMIC:	(FPS) (PSF)
PHONE: FAX:	(LARGE OPENINGS: Large openings must be designed openings.)	engineered by PS Industries Incorporated. Constructi	on Drawings are required for custom
EMAIL:	WALL MATERIAL*:	GRADE MATERIAL*:	
REQUIRED SITE MEASUREMENTS A ROUGH OPENING (inches)	CMU (GROUT-FILLED)	TECTURAL CONCRETE ASPHALT (WALL THICKNESS IN INCHES) STEEL	ARCHITECTURAL BLOCK NEW "OR" (THICKNESS IN INCHES) EXISTING
A ← FRONT VIEW (WET SIDE)	OBS	PROVIDE WALL TRUCTION DETAILS.	*PROVIDE BELOW GRADE OBSTRUCTION DETAILS.
A ← FRONT VIEW	JAMB TYPE:	SIDE-DEPLOYED SELECTIONS:	DEPLOY FROM:
(WET SIDE) (DRY-SIDE) DISTANCE TO OBSTRUCTIONS (inches)	FACE MOUNT IN-BETWEEN MOUNT ADD'L. MOUNTING OPTION:	CABINET SIZES: STORAGE CABINET (EQUAL SIZE) RECEIVER CABINET STORAGE CABINET (LARGE) RECEIVER CABINET (SMALL)	LEFT → NO CABINETS LEFT → RIGHT TRENCH ↑
	CUSTOM EMBED PLATE (FOR FIELD WELDING)	BTMDEPLOY TRENCH COVERS	ANCHOR PLT. NONE
DISTANCE TO OBSTRUCTIONS (inches)	ANCHOR MATERIAL: 304 STAINLESS STEEL	CABINET/COVER PAINT: SHERWIN-WILLIAMS INDUSTRIAL ENAMEL sherwin-williams.com	ABINET/COVER MATERIAL: 304 STAINLESS STEEL (MILL FINISH)
TOP VIEW (inches) DISTANCE TO OBSTRUCTIONS (WET-SIDE FACE)	(MILL FINISH) 316 STAINLESS STEEL (MILL FINISH) CARBON STEEL (MILL FINISH)	S/W#: COLOR: POWDER COAT RAL#:	316 STAINLESS STEEL (MILL FINISH) MILD STEEL (PAINTED) ALUMINUM (MILL FINISH)
	STAMPED CALCULATIONS RE	EQUESTED:	
NOTICE Provide all information above that applies, unless clearly called out in supplemental drawings (WET SIDE)	YES STATE	NO (Registered professional engineer state or territory the building will be of	amped calculations from within the constructed or substantially improved.)

Rev071823 Flex-Gate® Side-Deployed



Flex-Gate® Bottom-Deployed Rev071823

FACE MOUNT (BOTTOM DEPLOYED) FLEX-GATE® MEASURING GUIDE & ORDER FORM **ROUGH OPENING FLEX**-GATE® BARRIER — PROTECTION HEIGHT ~12" PROTECTION HEIGHT (WPH) 1150 S. 48TH STREET, GRAND FORKS, ND 58201 ANCHOR PLATE + HEIGHT ~24" Phone: 701.746.4519 | Toll Free: 877.446.1519 Bottom Deploy Website: psfloodbarriers.com Email: 4psinfo@psindustries.com (see page 2 for Side Deployed product variation) **IN-BETWEEN MOUNT (BOTTOM DEPLOYED) Anchor Plates** Barrier Top is more (Mounted to Interio Slack than Shown in Installation rrench DEPTH Face of Opening) Ilustrations. Block-Out Trench Clamp **FRONT VIEW** Bars (WET SIDE) PROTECTION HEIGHT ~12" -PROTECTION→ HEIGHT (WPH) ANCHOR PLATE¹ HEIGHT ~24" ROUGH OPENING TRENCH WIDTH ARC DEPTH DETERMINED Installation BY PS FLOOD BARRIERS Block-Out TRENCH DEPTH Trench Clamp **FRONT VIEW** Installation Block-Out Bars (WET SIDE) Anchor Plates TRENCH LENGTH (Mounted on Face) **TOP VIEW** Positive Water Force Only TRENCH WIDTH ARC DEPTH DETERMINED **ISO VIEW** BY PS FLOOD BARRIERS (WET SIDE) Installation Block-Out Wall Clamps w/ Removable **ROUGH OPENING & TRENCH LENGTH** Hardware **TOP VIEW** Positive Water Anchor Plate Wall Clamps Trench Storage: Force Only (Mounted to Interior w/ Removable - Barrier stored inside (Z-fold or rolled up) Face of Opening) Hardware - Protection from weather and UV damage. Pulley System for Ground Clamps stay anchored in-place. Lifting Barrier Trench Clamp (Discuss with your - Wall Clamps are removed and stored inside Bars Sales Representative) Barrier Stored inside Trench Wall Clamps w/ Removable **Ground Clamps** Hardware 0 Barrier Deployed by Permanently (Stored inside 6 Lifting from Trench Attached Trench) (Inside Trench) Cable Tie Ground Clamps w/ Off Below Bladder & Gasket on Plate (Permanently Anchored in-place) **TOP CONNECTION BOTTOM CONNECTION DETAIL D DETAIL E**

LOADING FORM

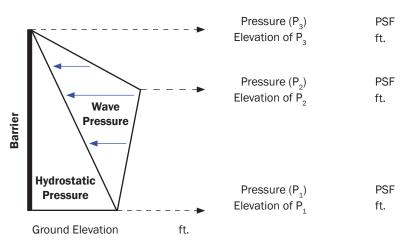


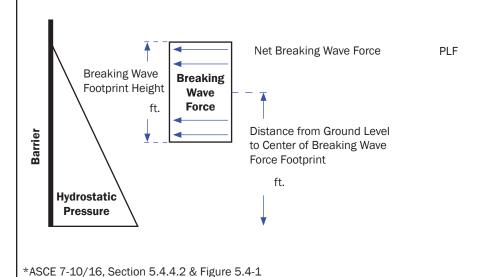
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WAVE LOAD DIAGRAMS





NOTICE PROVIDE ALL INFORMATION BELOW THAT APPLIES, UNLESS CLEARLY CALLED OUT IN SUPPLEMENTAL DRAWINGS.

OAD INFO:
LOOD 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 LOADI	NG?:	
EXPLAIN:			

HYDRODYNAMIC LOADS:	YES	NO	
HYDRODYNAMIC PRESSURE:			(PSF)
DRAG COEFFICIENT:		VELOCITY OF WATER:	(ft/s)

IMPACT LOADS:	YES	NO	
IMPACT FORCE:	(Ibs)	IMPACT FOOTPRINT WIDTH:	(inches)
ELEVATION OF IMPACT:	(ft)	IMPACT FOOTPRINT HEIGHT:	(inches)
DEBRIS WEIGHT:	(Ibs)	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 L	OAD:		

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)