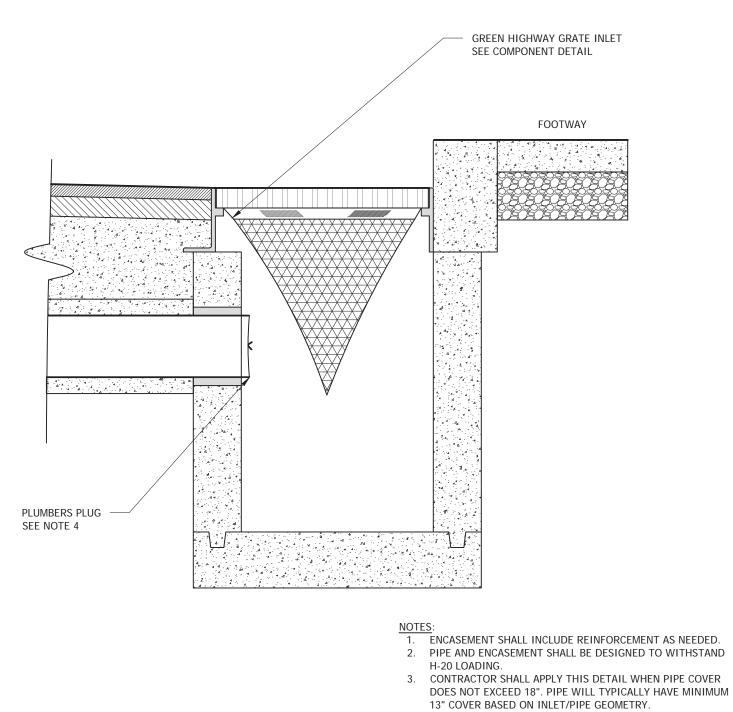


CARTWAY

H (FT)	D (IN)	t (IN)





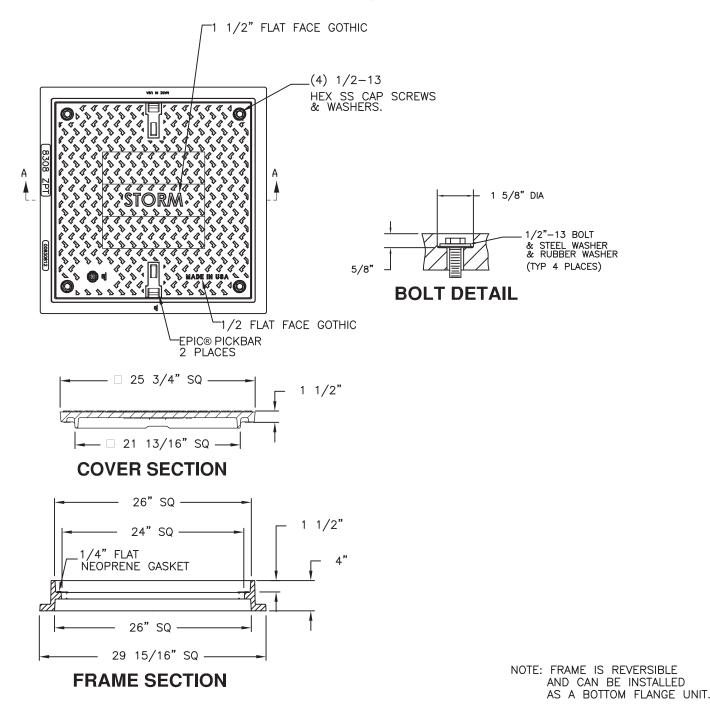


1101 MARKET ST. 4TH FLOOR PHILADELPHIA, PA 19107

SHALLOW STREET CROSSING				SCALE: N.T.S.
VS.	DATE	INITIALS	REASON	DRAWING NUMBER:

4. PLUMBERS PLUG TO MAINTAIN WATERTIGHT SEAL UNTIL CONSTRUCTION IS COMPLETE. PLUMBERS PLUG TO BE REMOVED AT DIRECTION OF PWD. PLUMBERS PLUG NOT TO EXTEND MORE THAN 2" OUT FROM INLET WALL.

# 8208APT 8308ZPT Assembly





**Product Number** 

00820891W01 **Design Features** -Materials Cover Gray Iron (CL35B) Junction Box / Handhole Frame Gray Iron (CL35B) -Design Load Heavy Duty -Open Area n/a -Coating

- Dipped
- V Designates Machined Surface

### Certification

- ASTM A48 -Country of Origin: USA

### **Major Components**

00820891 00830812

### **Drawing Revision**

06/20/2011 Designer: JJJ 09/12/2014 Revised By MAH

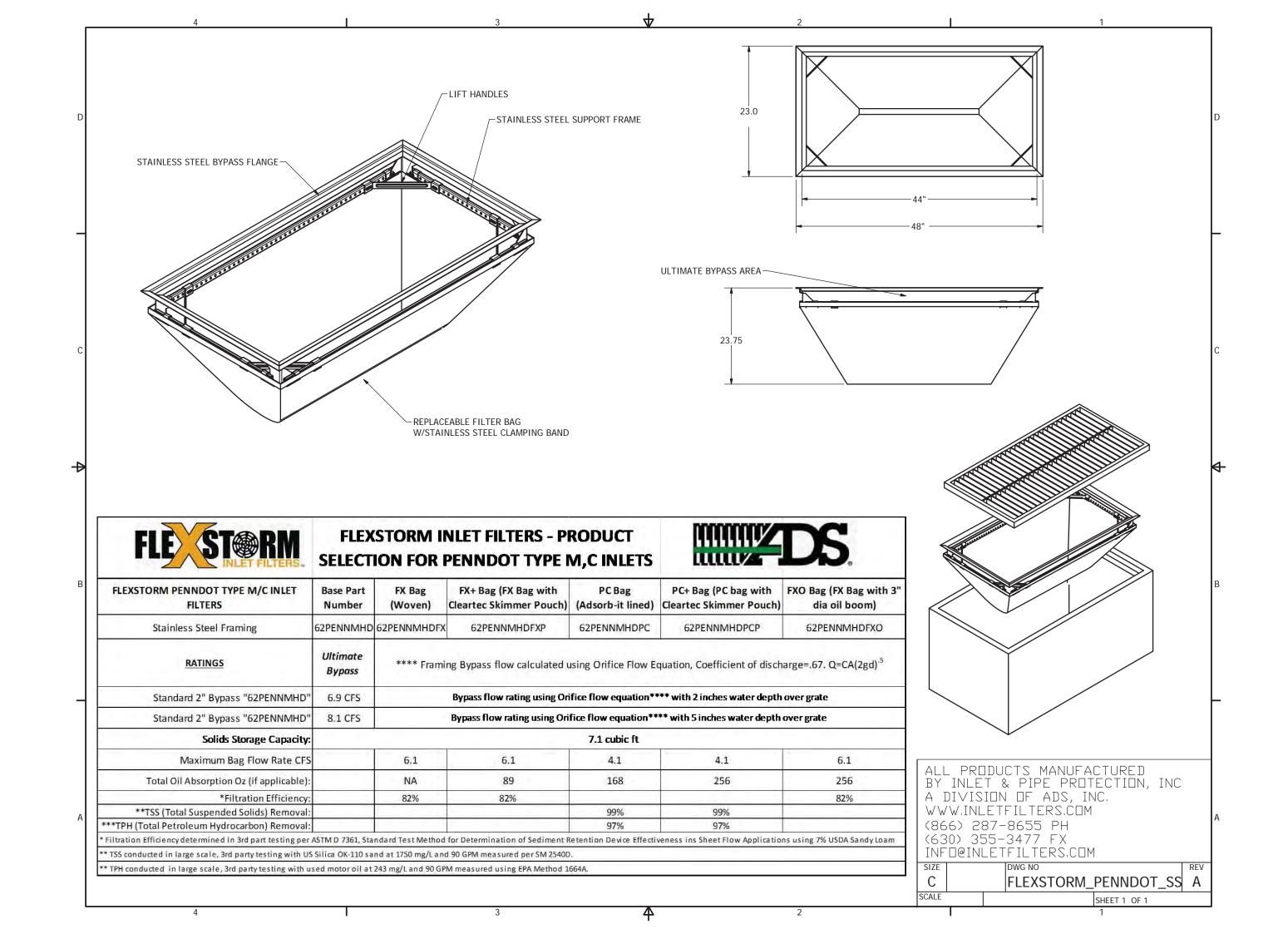
### Disclaimer

Weights (lbs./kg) dimensions (inches/mm) and drawings provided for your guidance. We reserve the right to modify specifications without prior notice.

CONFIDENTIAL: This drawing is the property of EJ GROUP, Inc., and embodies confidential information, registered marks, patents, trade secret information and/or know how that is the property of EJ GROUP, Inc. Copyright © 2012 EJ GROUP, Inc. All rights reserved.

### Contact

800 626 4653 ejco.com



# FLEXSTORM P/NS 62XLHDFX & 62XLHDFXP HD4 INLET TYPE: SQUARE/RECT PRECAST OPENING WITH 4 SEAT GRATE SUPPORT

Flexstorm Ratings (Flow at 50% Max)

Rate (CFS)

2.4

24

24

2.5

2.5

2.6

2.6

2.6

2.7

27

28

29

2.9

2.9

29

29

3.0

21

33

3.4

39

3.9

Bypas

(GFS)

61

6.0

6.0

63

63

6.5

66

67

68

68

7.2

73

74

73

73

73

75

7.9

85

87

99

10.0

ADS P/N

62XI HDEX8

62XLHOFXF

62XLHOFXF

62XLLIDEXP

62XLLIDEXP

62XLHOFXP

63XLHDEXE

62XLHOFXF

62XLHOFXP

62XLLIDEXP

62XI HDEX5

62XLHOFXP

62XLHOEXE

62XLLIDEXP

62XLHOFXF

63XLHOFXP

62XLHDEXG

52XLHDFXF

62XI HDEX7

62XLHOFXP

62XLHOEXP

62XLLIOFXP

Bag Capacity FX/FX+ Flow

(ft<sup>1</sup>)

43

49

47

52

5.2

4.5

5.8

54

54

57

7.1

62

7.5

63

73

74

67

7.5

96

10.3

13.5

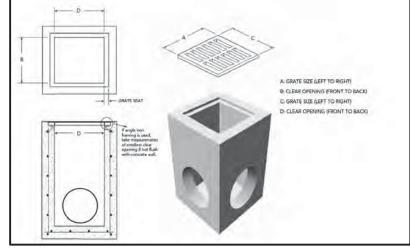
13.6

2.8

31.5

37 (

27.6



Field inlet Dimensions

Clear Opening

 $(\mathbf{B} \times \mathbf{D})$ 

36 x 24 25

30 25 X 30 25

36 375 x 24 375

 $37.125 \times 25.75$ 

37.61 x 25.75

46x19

36 x 30

 $43 \times 23$ 

 $46 \times 22$ 

44 125 x 24 125

35 x 36

 $48 \times 24$ 

36×36

48 25 x 24 25

36 5 X 36 5

36 5X 36 5

48.62 x 24.97

48 x 30

48 x 36

42 125 X 42 125

48 X 48

48x48

Grate Size

(A x C)

40 x 28 25

31 87 X 31 87

37 87 x 25 87

39 3 x 27 25

39 25 x 27 25

48x22

37 75 x 31 75

23(×2) × 28/25

48 x 24

46 x 26 25

37.75 x 37.75

 $50 \times 26.25$ 

40x36

49.62 x 25.75

37 75 X 37 75

38 35X 38 25

51.5 x 27.87

49.5 x 31.75

49.25 x 37.75

43 87 X 43 87

50 62 X 50 62

54x48

#### STAINLESS STEEL RUNDFF FLANGE

Pure Frame with FX+ Bag

Flexstorm Item Code

P-HD4-400-263-360-243-EXP

P-HD4-319-319-303-303-FXP

PHD4 579 259 364 244 FXP

P+ O4-393-273-37\*-258-FXP

P+H04-393-273-378-258-FXP

P-HD4-460-220-460-190-FXP

P-HD4-378-318-360-300-FXP

P-HD4-460-263-430-230-FXP

PHD4 460 240 460 220 FXP

PHO4-460-263-44\*-24\*-FXP

P-HD4-378-378-360-360-FXP

P-HD4-500-203-460-240-FXP

P HD21 400 560 360 360 FXP

P++04-498-258-483-243-FXP

P-HD4-378-378-365-365-FXP

P-HD4-363-363-365-365-FXP

P.HD4-515-279-486-249-EXP

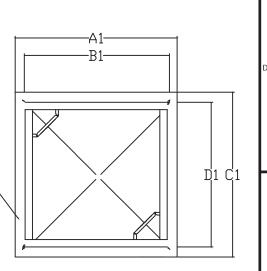
P-HD1-495-318-480-300-FXP

P-HD4-493-378-460-360-FXP

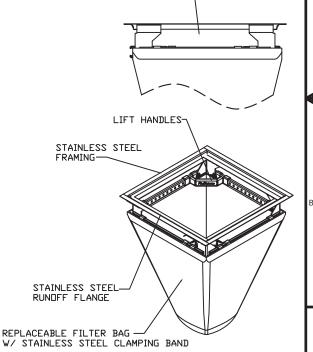
P-HD4-499-499-421-421-FXP

PHD4 506 506 460 480 FXP

PHO2L-540-480-480-480-FXP



ULTIMATE BYPASS AREA-



\*MOST XL SIZED FRAME AND GRATES COMBINATIONS REQUIRE 2 SIDE BY SIDE FLEXSTORM INLET FILTERS. DESIGN AND PRICING REFLECT THIS. PLEASE CONTACT FOR FURTHER DETAILS.

47.8

Flexstorm Framing Dims

A1 C1

37.5

40.0 22.8

480 238

48.0 260

40.0 35.8

49.5 25.5

37.5

380 380

515

495 315

B1 D1

35.5 21.5 39.0 24.0

280 275 315 316

340 215 375 256

305 230 390 270

305 230 390 270

44 5

44.5

42.5

340 330 375 375

465 210 500 260

35.5 33 C

480 215

340 335

345 335

49.0 22.0

48.0 27.0

45.5 33.0 49.0 37.5

415 390 450 419

470 450 505 504

47.5 45.0 54.0

340 270

42.5 20.0

160 480

190

210

#### NOTES:

Pure Frame with FX Bag

62X. HDEX PHD4-400-283-360-243-EX

62XLHDFX PHD4-319-303-303-FX

62XLHDFX PHD4 379 259 364 244 FX

62XL/ OFX PH:04-393-273-371-258-DX

62XL OFX PH 04-393-273-378-258-FX

62X\_HDFX PHE4-480-220-460-190-FX

62X\_HDFX PHD4-378-318-360-300-FX

62XLHDFX PHD4-460-263-430-230-FX

62XLHDFX PHC4 480 240 460 220 FX

62XL OFX PH C4-460-263-441-241-FX

62X. HDEX PHE4-378-378-360-360-EX

62XLHDEX PHC4-500-263-480-240-EX

62X, HDEX PHE4 400 360 360 360 FX

62XL OFX PH C4-496-258-483-243-FX

62X\_HDFX PHD4-378-378-365-365-FX

62X\_HDFX PHD4-383-383-365-365-FX

62X\_HDFX P-FD4-515-279-486-249-FX

62XLHDFX P-HD4-495-318-480-300-FX

62X. HDEX PHE4-493-378-480-360-EX

62X\_HDFX PHC4-499-499-421-421-FX

62X\_HDFX PHC4 506 506 430 430 FX

62XLHDFX P HD4 540 460 460 460 FX

Rexstorm tlem Code

ADS P/N

1. RATINGS SHOWN ARE FOR STANDARD 22" BAG DEPTH; "SHORT" 12" DEPTH BAGS ARE AVAILABLE WITH -S SUFFIX; RATINGS REDUCED BY ~50%.

2. THE FOLLOWING REQUIRES ADDITIONAL REVIEW

-GRATES WITH EXTENDED BOTTOMS

-ANY DBSTRUCTED INLET DPENINGS





# FILTER BAG OPTIONS

FLEXSTORM offers seven different filter bag options for any of the framing styles. For complete test results visit www.inletfilters.com

FLEXSTORM FILTER BAGS	STANDARD BAG P/N (22" depth)	SHORT BAG P/N (12" depth)
FX: Standard Woven Bag	FX	FX-S
FX+: Woven w/ MyCelx	FXP	FXP-S
FXO: Woven w/ Oil Boom	FX0	FX0-S
PC: Post Construction Bag	PC	PC-S
PC+: PC Bag w/ MyCelx	РСР	PCP-S
LL: Litter and Leaf Bag	LL	LL-S
IL: IDOT NonWoven Bag	IL	IL-S

# FILTER BAG TEST RESULTS

## **FX FILTRATION EFFICIENCY = 82%** $^{+}$

† Large scale, 3rd party testing per ASTM D 7351, Standard Test Method for Determination of Sediment Retention Device Effectiveness in Sheet Flow Application using 7% USDA Sandy Loam

## **PC/PC+ TSS = 99% TPH = 97%** <sup>‡</sup>

<sup>‡</sup> Large scale testing at 90 GPM. 3rd party results using US Silica OK-110 sand at 1750 mg/L measuring TSS per SM 2540D. TPH tested at 243 mg/L used motor oil using EPA Method 1664A.

# **FILTER BAG SPECIFICATIONS & CAPABILITES**

Bag Type (P/N)	Clean Water Flow Rate (GPM/SqFt)	Min A.O.S. (US Sieve)	
Woven (FX)	200	40	
Post Construction (PC)	137	140	
NonWoven (IL)	145	70	
Litter & Leaf Bag (LL)	High	3.5	

## Total Bypass Capacity:

Bypass capacity will vary with each size drainage structure. Flexstorm designs filter bypass to meet the minimum design flow of the particular drainage structure.

Standard Bag Sizes (match	Solids Stor- age Capacity	Filtered Flow Rate at 50% Max (CFS)			Oil Retention (Oz)		
frame sizes) $^{\$}$	(CuFt)	FX	PC	IL	PC*	PCP**	FX+
Small	1.6	1.2	0.8	0.9	66	155	89
Medium	2.1	1.8	1.2	1.3	96	185	89
Large	3.8	2.2	1.5	1.6	120	209	89
XL	4.2	3.6	2.4	2.6	192	370	178

\* PC filter bag at 50% max adsorption capacity

 $^{\ast\ast}$  PC filter bag at 50% capacity and MyCelx skimmer at 100% capacity

§ Bag Sizes match the framing sizes based on clear opening dimensions. Standard bags are 22" in depth.

Short bags are 12" in depth, reducing solids storage capacity by approximately 50%.

## **GREEN INLET CURB MARKERS**

## PRODUCT

- A. DAS Manufacturing "Duracast 2 <sup>1</sup>/<sub>2</sub>" Custom reflective one color Curb Marker" or approved equal. Marker to match logo, size, and color presented in Appendix D Green Inlet Curb Marker Detail.
- B. DAS Manufacturing Curb Marker Adhesive #RS-222-5 / #RS-222-11 or approved equal must be used to attach marker to curb.

### INSTALLATION INSTRUCTIONS

A. Reflective green inlet curb marker will be located as shown on Drawings and installed according to the manufacturer's specifications. Weather must be dry for 24 hours before and after installation, and markers may only be placed when the temperature is above 45°F.



