

Job Name: 25-4339 - Foxborough Storm Phase 2	Plant: 100	Tech: J. Horsley - F	
Job Location: Elizabethtown, KY	12/19/2025 8:48:23 AM	PC: C. Goff	
Contractor: Dirt Works Unlimited, LLC.			

Structure ID: DBI 4

P1 BX4896-08W10F-BAVF

BOX BASE 8inW, 10inF, Variable Ht F/n

- P3) 24" x 36" - CASTING HEIGHT - 4"
- P2) 48" x 96" - BX FLAT LID 8inW w/24"x36" HOLE F/F - 8"
- P1) 48" x 96" - BOX BASE 8inW, 10inF, Variable Ht F/n - 25"
- 1) SECONDARY POUR
- 1) CASTING - HOE 518 F/G
- 1) 48" x 96" - Conseal CS-102 1.00"
- 1) 24" x 36" - Conseal CS-102 1.00"
- 1) DOGHOUSE INVRTD - 58"x27"
- 1) DOGHOUSE INVRTD - 26"x14"
- 1) DOGHOUSE INVRTD - 48"x27"
- 1) DOGHOUSE INVRTD - 26"x15"

0 lb
4232 lb
8672 lb
0 lb
354 lb
0 lb
0 lb
0 lb
0 lb
0 lb
0 lb
0 lb
0 lb

- Structure Notes:**
1. PER ASTM C-913 SPECIFICATIONS
 2. CONCRETE: 4,000 PSI AT 28 DAYS
 3. REINFORCEMENT: #5 BAR @ 8" C.C. E.W. (GRADE 60) - 2" MIN. REBAR CLEARANCE (TYP)
 4. NO STEPS
 5. NO INVERT CHANNEL
 6. CASTING BY ICAST (HOE 518 FRAME & GRATE)
 7. CUSTOMER WILL BE RESPONSIBLE FOR NOTCHING PIPES IN ORDER FOR THOSE TO FIT BELOW FLAT LID
 8. PRODUCTION TO WET STICK 24" X 18" #5 L-BARS SPACED @ 12" C.C. E.W. (GRADE 60) OUT OF FLOOR FOR WALL POUR TIE-IN (SEE L-BAR DETAIL)

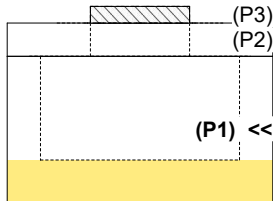
FIRST POUR (FLOOR): 6,015 LBS
SECOND POUR (WALLS): 2,657 LBS

Structure Total: 13258 lb

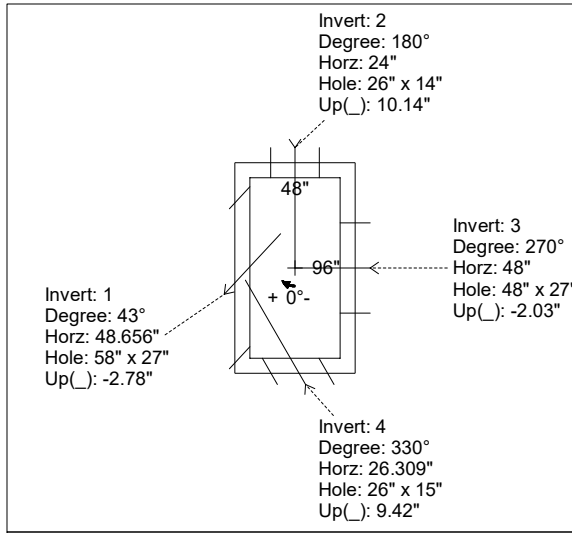
Rim: 817.73' Rim to Invert: 2.94' Slack: 0" Sump: 1.72" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1	814.79'	43°	48.077"	45" x 29" ELL RCP	54" x 38"	DOGHOUSE INVRTD 58"x27"	58" x 27"	85.044"	-2.78"	18"
Invert 2	815.7'	180°	32"	18" RCP B WALL	23"	DOGHOUSE INVRTD 26"x14"	26" x 14"	26"	10.14"	0"
Invert 3	814.79'	270°	56"	38" x 24" ELL RCP	45.5" x 31.5"	DOGHOUSE INVRTD 48"x27"	48" x 27"	48"	-2.03"	0"
Invert 4	815.64'	330°	29.691"	18" RCP B WALL	23"	DOGHOUSE INVRTD 26"x15"	26" x 15"	30.022"	9.42"	26"
Invert 5										
Invert 6										
Invert 7										
Invert 8										

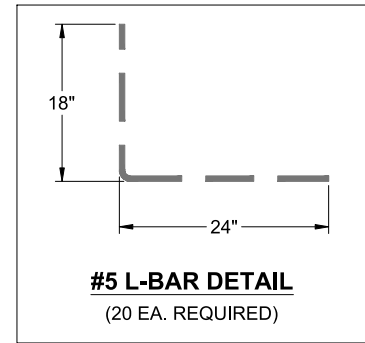
FLOOR: 10"
WALLS: 8"



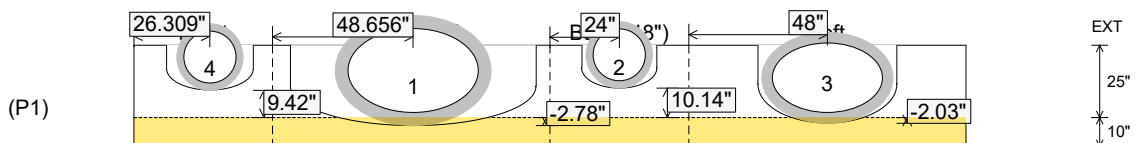
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 10"	Height (Int): 25" Height (Ext): 35"	Weight (Net): 8672 lb Volume (Net): 2.22cu.yd
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