

Job Name: 25-2280 Lakota lake Dam & Spillway Rehab  
 Job Location: West Chester, OH  
 Contractor: Sunesis Construction Co

Plant: Beaver Dam

Tech: C.Russ

11/12/2025 12:52:27 PM

PC: E. Bradley



**Structure ID: OCS 1**

**P1 BX4848-08BAVF**

**BOX BASE 8inW, 8inF, Variable Ht**

- P4) 30" x 30" - CASTING HEIGHT - 0"
- P3) 48" x 48" - BX FLAT LID 8inW SPEC. W/ HOE-468 - 6"
- P2) 48" x 48" - BOX RISER 8inW, Variable Ht - 41"
- P1) 48" x 48" - BOX BASE 8inW, 8inF, Variable Ht - 41"
- 1) This Structure Includes a Cast-in Item
- 2) 48" x 48" - Conseal CS-102 1.00"
- 1) 30" x 30" - Conseal CS-102 1.00"
- 1) Kor-N-Seal2 - S206-32
- 1) Hole - 24

- Structure Notes:**
1. PER ASTM C913 SPECIFICATIONS.
  2. CONCRETE = 4,000 PSI AT 28 DAYS.
  3. NO INVERT CHANNEL.
  4. HOE 468 F/G PROVIDED BY ICAST, FRAME CAST INTO TOP SLAB.
  5. LSW3636 TRASH GRATE PROVIDED BY ICAST, TO BE INSTALLED IN FIELD.
  6. REINFORCING PER ASTM A615 (GRADE 60).
    - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W.
    - WALLS (As .12) #5 BARS AT 12" C.C.E.W.
    - FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

0 lb  
 1609 lb  
 5861 lb  
 8375 lb  
 0 lb  
 0 lb  
 0 lb  
 6 lb  
 0 lb  
 -----  
 Structure Total: 15852 lb

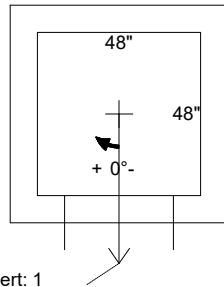
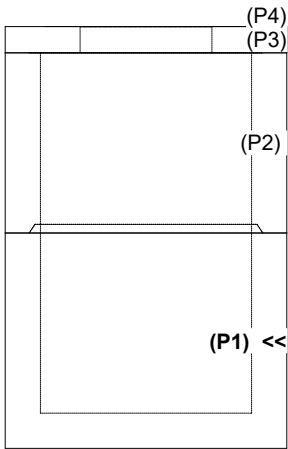
Structure Total:

Rim: 818'    Rim to Invert: 7.17'    Slack: 0.59"    Sump: 2.55"    Step Position:

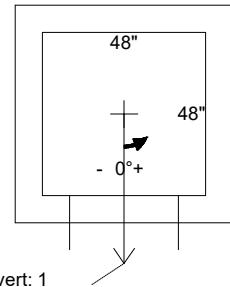
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	810.83'	0°	32"	30" HDPE-FP	30"	Kor-N-Seal2 S206-32	32"	32"	0.175"	0"
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)

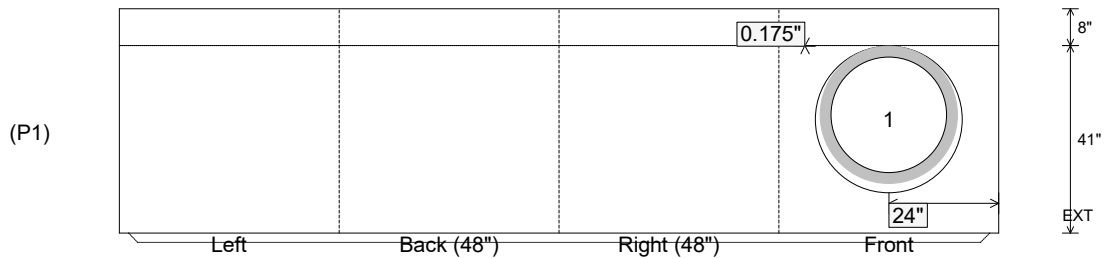


Invert: 1  
 Degree: 0°  
 Horz: 24"  
 Hole: 32"  
 Up( ): 0.175"



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 Degree: 0°  
 Horz: 24"  
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INSIDE WALL DIMENSIONS



Coating (Int):  
 Coating (Ext):

Seam Up: Tongue  
 Seam Dn: n/a

Wall Thickness: 8"  
 Floor Height: 8"

Height (Int): 41"  
 Height (Ext): 49"

Weight (Net): 8375 lb  
 Volume (Net): 2.14cu.yd