

Job Name: 25-4381 - 815186 Every Raytown Substation  
 Job Location: Kansas City, MO  
 Contractor: Contech Engineering Solutions

Plant: Beaver Dam

11/4/2025 2:36:04 PM

Tech: J. Coppage

PC: T. Sekula



**Structure ID: 10-CS-4**

**P1 MH048BA18**

**MH BASE**

- P4) 30" - CASTING HEIGHT - 4"
- P3) 48" - MH FLAT LID w/30in ECC Hole - 12"
- P2) 48" - MH RISER NO STEPS - 72"
- P1) 48" - MH BASE - 18"
- 1) PSASSEMBLY
- 1) CVSTENCILING
- 2) 48" - Conseal CS-102 1.00"
- 3) Hole - 16

0 lb  
 1413 lb  
 4773 lb  
 2588 lb  
 0 lb  
 0 lb  
 0 lb  
 0 lb

**Structure Notes:**  
 (4" TALL CASTING PROVIDED BY OTHERS)  
  
 LIFTING ANCHORS TO BE INSTALLED  
 ON THE OUTSIDE OF THE STRUCTURE  
  
 ICAST TO INSTALL THE INTERNALS  
  
 CONTECH'S LOGO AS WELL AS  
 THE INLET AND OUTLET MUST BE  
 STENCILED ONTO THE STRUCTURE  
  
 BASE TO BE MECHANICALLY ATTACHED  
 TO THE BOTTOM OF THE CONTROL RISER

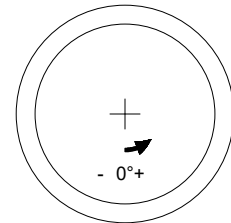
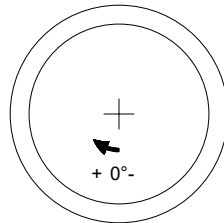
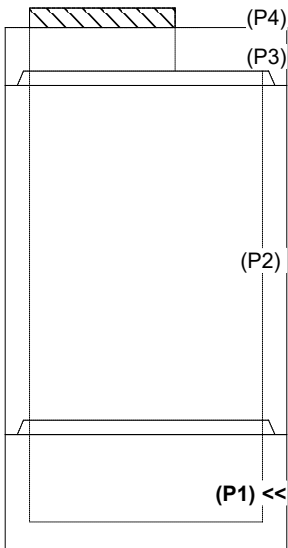
Structure Total: 8774 lb

Rim: 951.61' Rim to Invert: 5' Slack: 8" Sump: 54" Step Position:

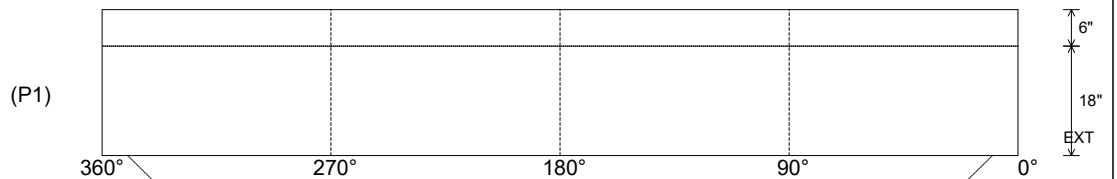
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (L)	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

UPSIDE-DOWN VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int):  
 Coating (Ext):

Seam Up: Tongue  
 Seam Dn: n/a

Wall Thickness: 5"  
 Floor Height: 6"

Height (Int): 18"  
 Height (Ext): 24"

Weight (Net): 2588 lb  
 Volume (Net): 0.66cu.yd