

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

Plant: Beaver Dam

11/4/2025 2:35:55 PM

Tech: J. Coppage

PC: T. Sekula



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

**P2 MH048RS72S**

**MH RISER NO STEPS**

- 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

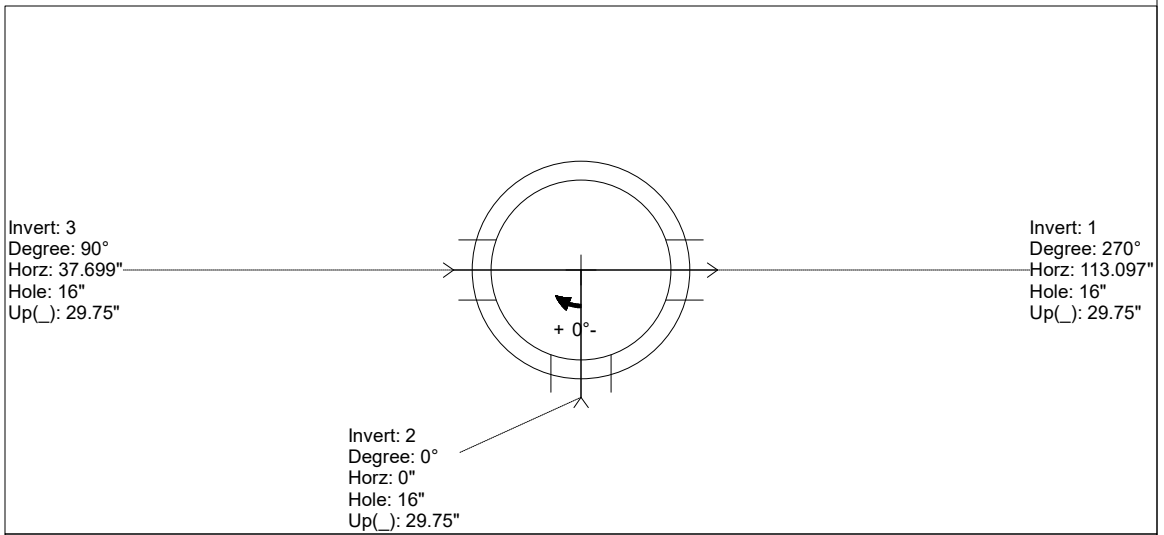
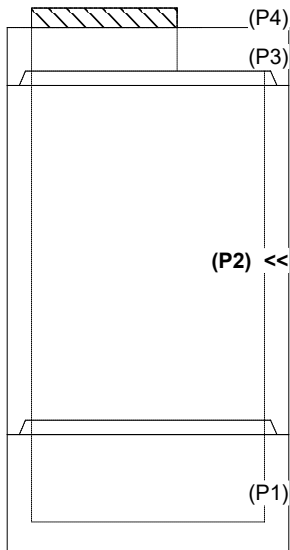
Structure Notes:  
 (4" TALL CASTING PROVIDED BY OTHERS)  
 LIFTING ANCHORS TO BE INSTALLED ON THE OUTSIDE OF THE STRUCTURE  
 ICAST TO INSTALL THE INTERNALS  
 CONTECH'S LOGO AS WELL AS THE INLET AND OUTLET MUST BE STENCILED ONTO THE STRUCTURE  
 BASE TO BE MECHANICALLY ATTACHED TO THE BOTTOM OF THE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

Structure Total: 8774 lb

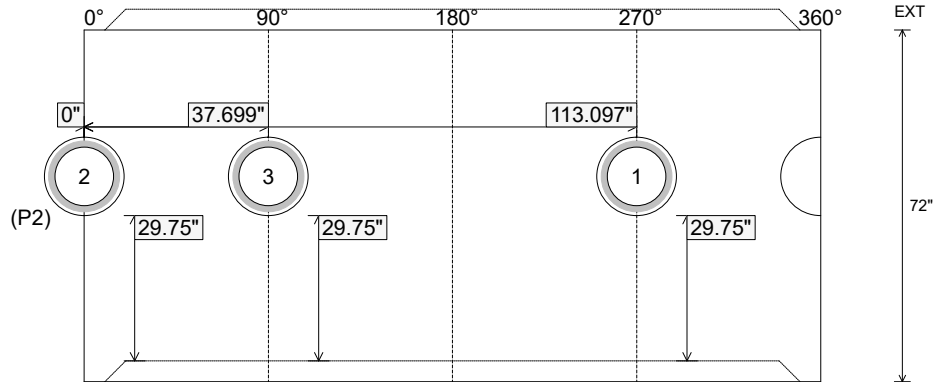
Rim: 951.61' Rim to Invert: 5' Slack: 8" Sump: 54" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ( )	Offset
Invert 1	946.61'	270°	136.659"	12" HDPE	14.5"	Hole 16	16"	16.312"	29.75"	0"
Invert 2	946.61'	0°	0"	12" HDPE	14.5"	Hole 16	16"	16.312"	29.75"	0"
Invert 3	946.61'	90°	45.553"	12" HDPE	14.5"	Hole 16	16"	16.312"	29.75"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

**RIGHT-SIDE UP VIEW (int. dimensions)**



**INSIDE WALL DIMENSIONS**



Coating (Int):  
 Coating (Ext):

Seam Up: Tongue  
 Seam Dn: Groove

Wall Thickness: 5"  
 Floor Height: 0"

Height (Int): 72"  
 Height (Ext): 72"

Weight (Net): 4773 lb  
 Volume (Net): 1.22cu.yd