Job Name: 25-3062 Portland Bypass Job Location: Portland, TN Contractor: Scotty's Contracting & Stone, LLC	Plant: Beaver Dam 6/1/2026 8:23:23 AM	Tech: J. Coppage PC: C. Goff	

Structure ID: MD-11

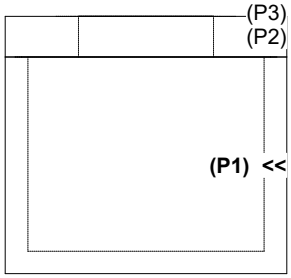
P1 MH084BAVF **MH BASE Custom Ht**

P3) 48" x 48" - CASTING HEIGHT - 0"	0 lb
P2) 84" - MH FLAT TOP w/48"x48" Hole - 14.5"	6753 lb
P1) 84" - MH BASE Custom Ht - 69"	15431 lb
1) CASTING - JBS TYPE 39 TDOT GRATES (48" X 48")	459 lb
1) 84" - Conseal CS-102 1.00"	0 lb
1) 48" x 48" - Conseal CS-102 1.00"	0 lb
1) Hole - 54	0 lb
1) Hole - 53	0 lb
Structure Total:	22643 lb

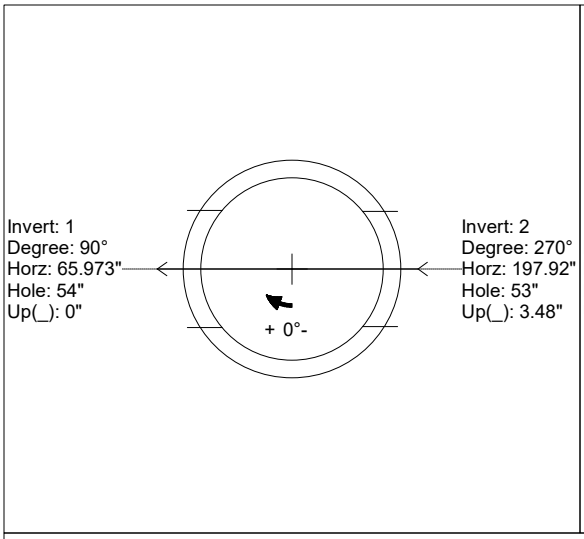
Structure Notes:
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. JBS TDOT TYPE 39 BY ICAST
4. REINFORCING PER TDOT DRAWING D-CB-39RB ASTM A615 (GRADE 60).
5. PRODUCTION TO PLACE A 4.5" DEEP X 2" WIDE RECESS IN THE TOP INSIDE OF THE 0 DEGREE AND THE 180 DEGREE WALL OF THE TOP SLAB.

Rim: 770.97' Rim to Invert: 6.61' Slack: 0.32" Sump: 4.5" Step Position:

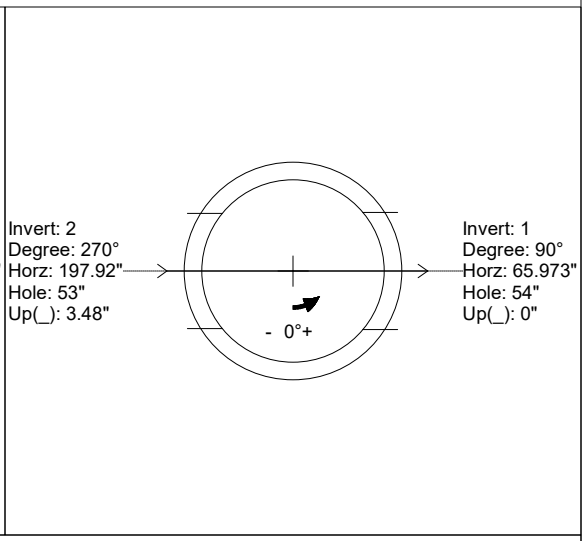
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	764.36'	90°	78.54"	42" RCP B WALL	51"	Hole 54	54"	58.651"	0"	0"
Invert 2	764.65'	270°	235.619"	42" RCP B WALL	51"	Hole 53	53"	57.354"	3.48"	0"
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



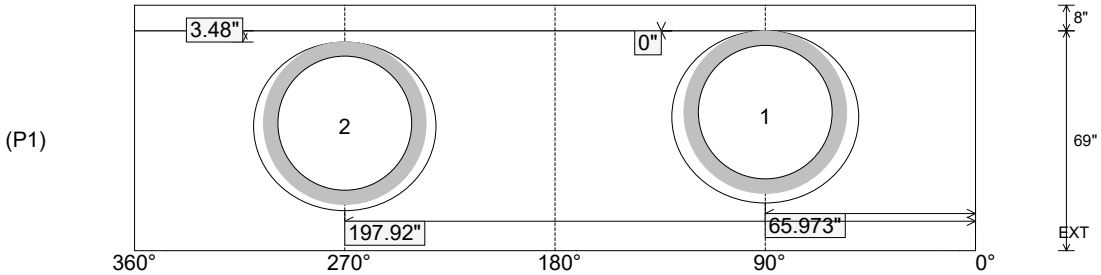
RIGHT-SIDE UP VIEW (int. dimensions)



UPSIDE-DOWN VIEW (int. dimenions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Flat Seam Dn: n/a	Wall Thickness: 8" Floor Height: 8"	Height (Int): 69" Height (Ext): 77"	Weight (Net): 15431 lb Volume (Net): 3.94cu.yd