Job Name: 24-3511 Coles Ferry Section 18 & 19
Job Location: Lebanon, TN
Contractor: Covenant Constructors, LLC

Plant: Beaver Dam, KY
2/23/2026 4:39:46 PM

Tech: J. Horsley
PC: A. Chambers

Structure ID: SAMH A2

P2 MH048RS24X MH RISER w/XYPEX T/G

P4) 24" - CASTING HEIGHT - 6"	0 lb
P3) 48" - CON XYPEX CONE w/24" HOLE F/G - 24"	2251 lb
P2) 48" - MH RISER w/XYPEX T/G - 24"	1677 lb
P1) 48" - MH BASE Custom Ht, w/XYPEX T/n - 29"	3260 lb
1) 48" - MH INVERT CHANNEL w/XYPEX - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) ADMIXTURE XYPEX C-500 NF RED	0 lb
1) CASTING - JBS 1155 F/C SANITARY	250 lb
2) 48" - DBL 1"x14.5' Butyl (2x)	0 lb
2) Kor-N-Seal1 - S106-12AW	13 lb
6) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	8891 lb

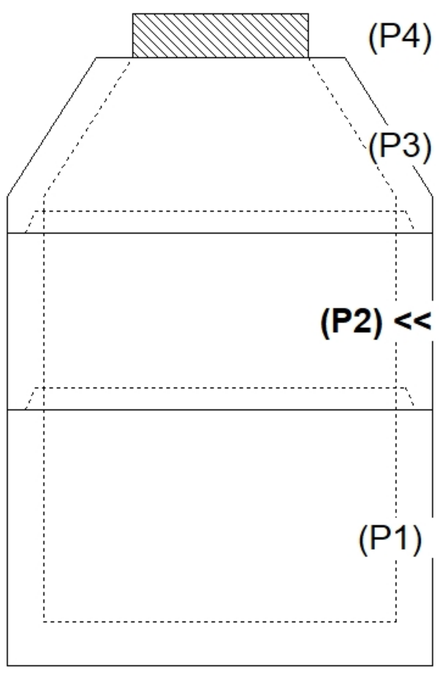
Structure Notes:
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = XYPEX C-500 NF RED
   3.5% BY WEIGHT OF CEMENT
4. CASTING BY ICAST (JBS 1155 F/C).

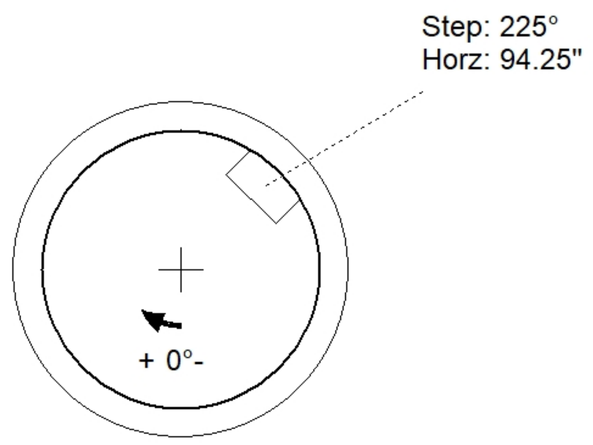
REINFORCING PER ASTM A615 (GRADE 60).
- CONE (As .12)
- RISER (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 579.11' Rim to Invert: 6.79' Slack: 0.48" Sump: 2" Step Position: 225°

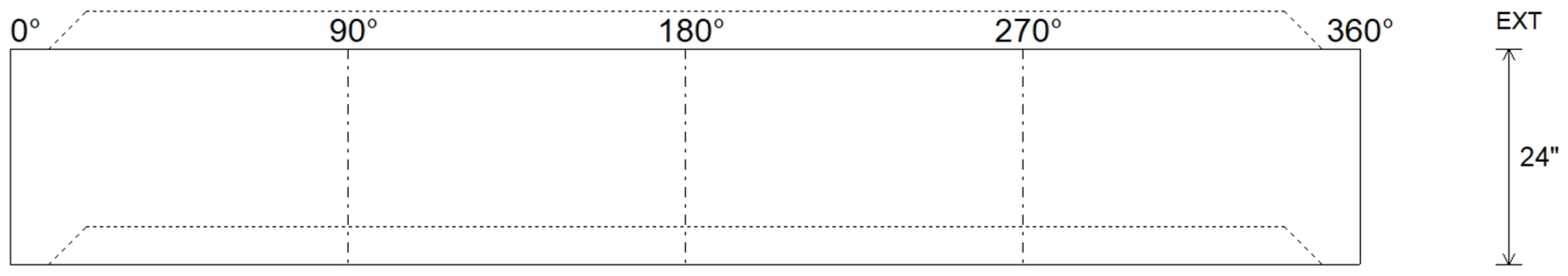
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

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): 24" Height (Ext): 24"	Weight (Net): 1677 lb Volume (Net): 0.43cu.yd