Job Name: 23-2309 - Richland Estates Subdivision Job Location: Portland, TN Contractor: Core & Main LP (BG)	Plant: 100 6/30/2026 8:52:16 AM	Tech: J. Horsley PC: T. Lewis	

Structure ID: 20 ST-SCI

P1 BX2424-08BA30 BOX BASE 8inW, 8inF

P2) 24" x 24" - CASTING HEIGHT - 6"	0 lb
P1) 24" x 24" - BOX BASE 8inW, 8inF - 30"	2914 lb
1) 24" x 24" - Conseal CS-102 1.00"	0 lb
1) Hole - 24	0 lb
2) Hole - 22	0 lb
Structure Total:	2914 lb

Structure Notes: .
1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY OTHERS (NEENAH R-3501 TR/TL).
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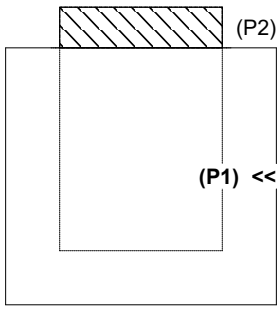
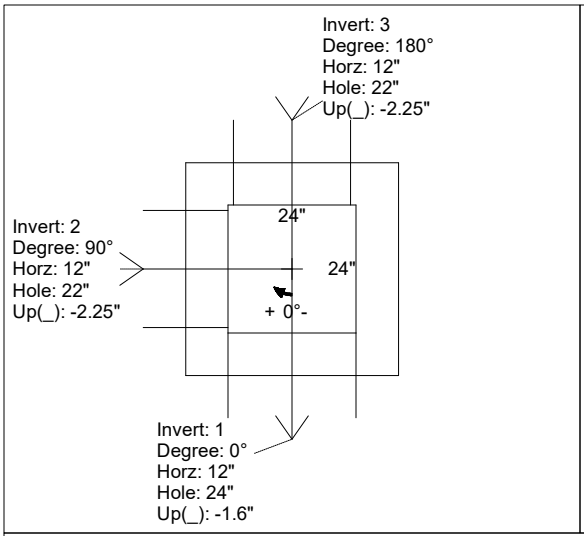
REINFORCING PER ASTM A615 (GRADE 60).
- WALLS (As .31) #5 BARS AT 12" C.C.E.W.
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 808.64' Rim to Invert: 3.14' Slack: 1.68" Sump: 0" Step Position:

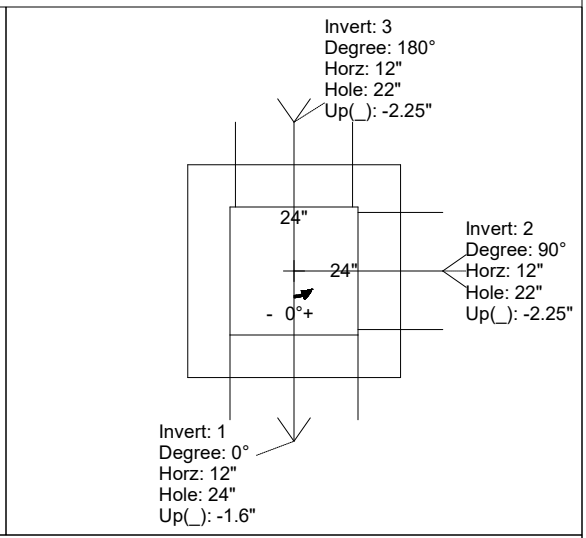
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1	805.5'	0°	20"	18" HDPE	21.2"	Hole 24	24"	24"	-1.6"	0"
Invert 2	805.5'	90°	20"	15" RCP B WALL	19.5"	Hole 22	22"	22"	-2.25"	0"
Invert 3	805.5'	180°	20"	15" RCP B WALL	19.5"	Hole 22	22"	22"	-2.25"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



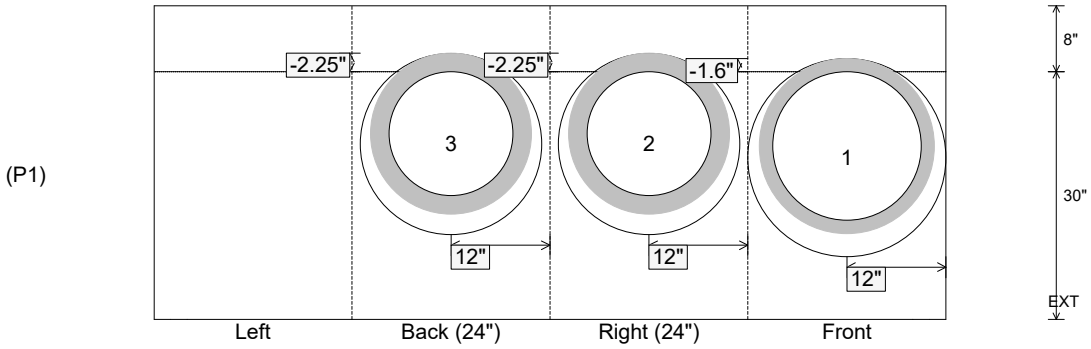
RIGHT-SIDE UP VIEW (int. dimensions)



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): 30" Height (Ext): 38"	Weight (Net): 2914 lb Volume (Net): 0.74cu.yd