Job Name: 26-1549 Cowan St. Trunk Sewer Job Location: Nashville, TN Contractor: Garney Companies, Inc.	Plant: 100 8/24/2026 11:21:35 AM	Tech: Jared - A PC: Jay Ross Jarvis	

Structure ID: Sewer Junction Str

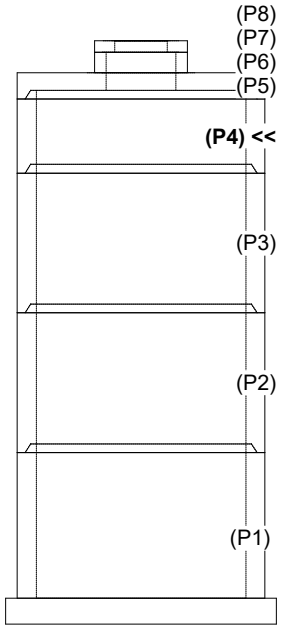
P4 MH144RSVFX **MH RISER Custom Ht, w/XYPEX**

P8) 36" x 48" - HATCH (CAST FLUSH) - 0"	100 lb
P7) 48" x 48" - CB FLAT TOP 8"W w/36"X48" Hatch w/XYPEX - 8"	1590 lb
P6) 48" x 48" - BOX RISER 8inW, Variable Ht w/XYPEX - 14"	2105 lb
P5) 144" - MH FLAT TOP w/2x 48"x48" Openings w/XYPEX - 18"	19896 lb
P4) 144" - MH RISER Custom Ht, w/XYPEX - 51"	27440 lb
P3) 144" - MH RISER w/XYPEX - 96"	51652 lb
P2) 144" - MH RISER w/XYPEX - 96"	51652 lb
P1) 144" - MH BASE EXT OCTAGON (18"F) Custom Ht, w/XYPEX - 100"	86788 lb
2) HATCH (Alum.) - HALLIDAY H1W 36"x48"	470 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-1000 RED	0 lb
1) SECONDARY POUR - EXT. FLANGE	0 lb
4) 144" - Conseal CS-102 1.00" (Double)	0 lb
2) 48" x 48" - Conseal CS-102 1.00" (Double)	0 lb
1) 36" x 48" - Conseal CS-102 1.00" (Double)	0 lb
2) Kwik-Lok - 1042	2 lb
2) A-Lok - 1040	2 lb
Structure Total:	241697 lb

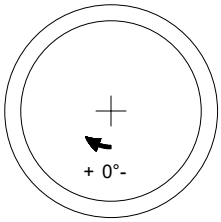
Structure Notes: .
PLAN LABEL: SEWER JUNCTION STRUCTURE
1. 2X HALLIDAY H1W 36"X48" PROVIDED BY ICAST.
2. PER ASTM C478 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. ADMIXTURE = XYPEX C-1000 RED.
5. REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .31) #5 BARS AT 6" C.C.E.W.
- RISER/WALLS (As .36)
- FLOOR (As .37) #5 BARS AT 10" C.C.E.W.
6. ANY REQUIRED INTEROR EPOXY COATING TO BE SUPPLIED & INSTALLED BY OTHERS
7. FUTURE FINAL RIM EL 417.47' TO BE USED FOR DESIGN SOIL LOAD CONDITIONS.
8. **NO STEPS**

Rim to Invert: 31.72' Slack: 0.14" Sump: 2.5" Step Position:

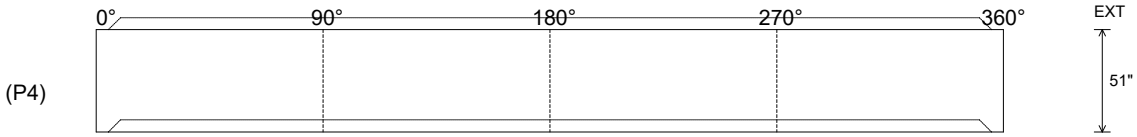
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (_)	Offset
Invert 1										
Invert 2										
Invert 3										
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										



RIGHT-SIDE UP VIEW (int. dimensions)



INSIDE WALL DIMENSIONS



Coating (Int): Coating (Ext):	Seam Up: Tongue Seam Dn: Groove	Wall Thickness: 13" Floor Height: 0"	Height (Int): 51" Height (Ext): 51"	Weight (Net): 27440 lb Volume (Net): 7.01cu.yd