

Job Name: 25-4694 - 314 Old Nashville Hwy
Job Location: La Vergne, TN
Contractor: Hayes Pipe Supply

PC: E. Bradley
TECH: Jared - A
Plant: 100



Structure ID: 4 (5)

Spec: Storm
Type: Outlet Control Structure
Size: 48"

Rim: 613.5'
Invert: 609'
Rim to Invert: 4.5'

Sump: 0"
Floor (Top): 609'
Floor Height: 6"

Floor (Bot): 608.5'
Overall Height: 5'
Slack: 0"

Structure Notes:

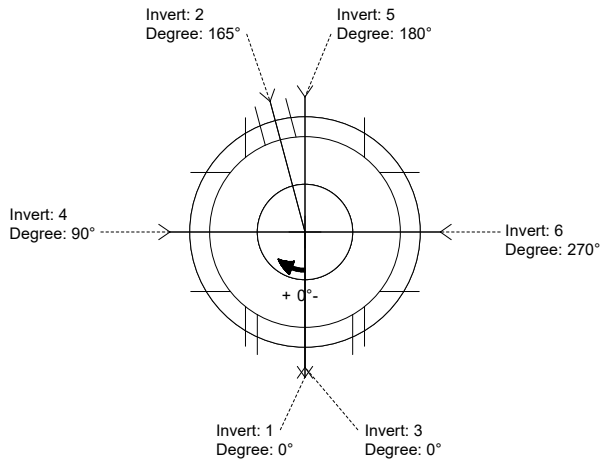
1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT:
 - MONOTOP TOP: #4 BAR @ 10" C.C. E.W. (GRADE 60)
 - MONOTOP WALLS: PER ASTM A615
 - BASE: PER ASTM A615
4. NO STEPS
5. HOE MCS-288 FRAME & COVER "STORM" SUPPLIED BY OTHERS - FRAME TO BE CAST INTO TOP OF MONOTOP FLANGE SIDE UP

STRUCTURE SUMMARY:

- P3) 24" - CASTING (cast in) - 4"
P2) 48" - MH MONOTOP W/ MCS-288 CAST IN, Custom Ht F/G - 24"
P1) 48" - MH BASE T/n - 30"
1) This Structure Includes a Cast-in Item - MCS-288 Frame (Supplied by Others)
1) 48" - Conseal CS-102 1.00"
1) Hole - 24
1) Hole - 8
4) Weir n/n - 30"x6"

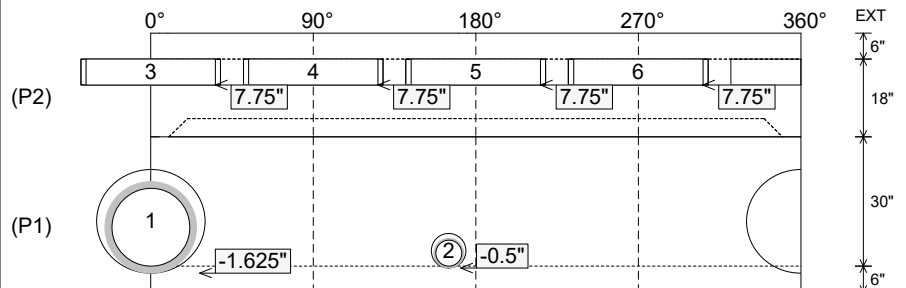
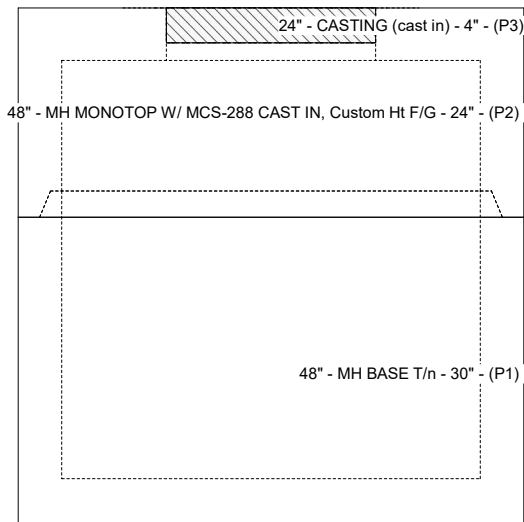
0 lb
2038 lb
3208 lb
0 lb
0 lb
0 lb
0 lb
0 lb

Structure Total: 5246 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	613.5'							
Reducer								
Invert 1	609'	0°	18" HDPE	21.2"	24"	Hole 24	-1.625"	P1
Invert 2	609'	165°	6" HDPE (perf pipe)	6.9"	8"	Hole 8	-0.5"	P1
Invert 3	612.5'	0°	30" x 6" Weir	30" x 6"	30" x 6"	Weir 30"x6"	7.75"	P2
Invert 4	612.5'	90°	30" x 6" Weir	30" x 6"	30" x 6"	Weir 30"x6"	7.75"	P2
Invert 5	612.5'	180°	30" x 6" Weir	30" x 6"	30" x 6"	Weir 30"x6"	7.75"	P2
Invert 6	612.5'	270°	30" x 6" Weir	30" x 6"	30" x 6"	Weir 30"x6"	7.75"	P2
Invert 7								
Invert 8								

Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
7/10/2026 10:38:16 AM

SUBMITTAL
APPROVED BY: