

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

PC: A. Chambers
TECH: J. Horsley
Plant: Beaver Dam, KY



Structure ID: JB5 - add 48in HT Riser

Spec: Storm

Type: STM.MH

Size: 60"

Rim: 572.62'

Invert: 561.86'

Rim to Invert: 10.76'

Sump: 3.504"

Floor (Top): 561.568'

Floor Height: 8"

Floor (Bot): 560.901'

Overall Height: 11.667'

Slack: 0.624"

Structure Notes:

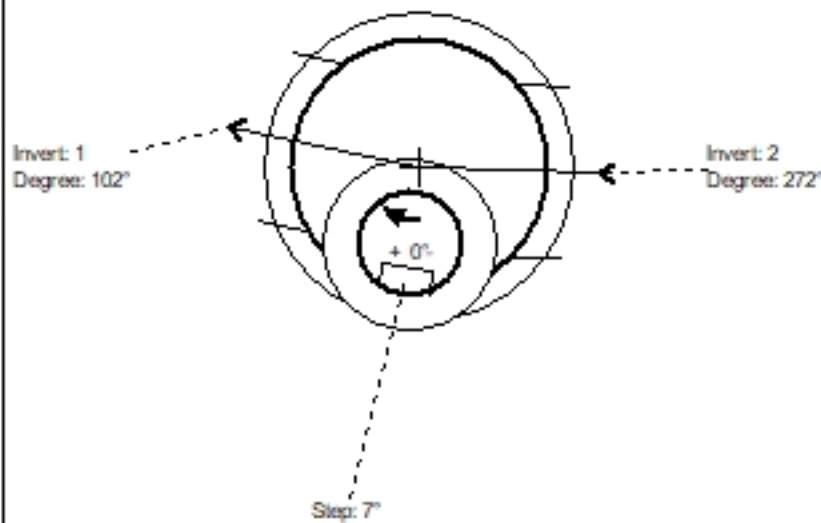
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,500 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY ICAST (JBS 1150 F/C)

REINFORCING PER ASTM A615 (GRADE 60).

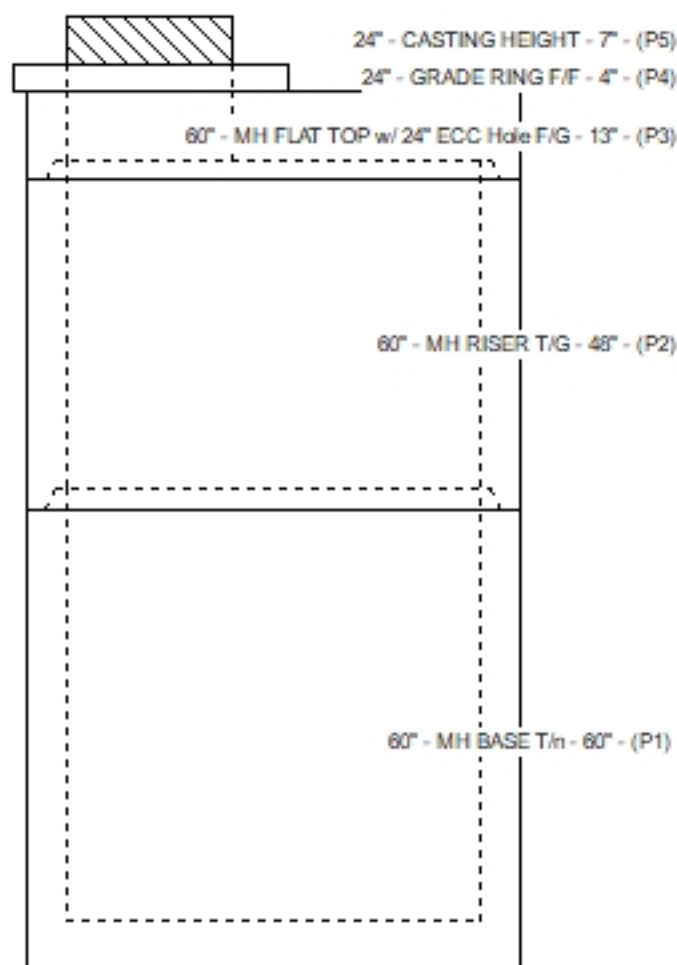
- TOP SLAB H20 LOADING..
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

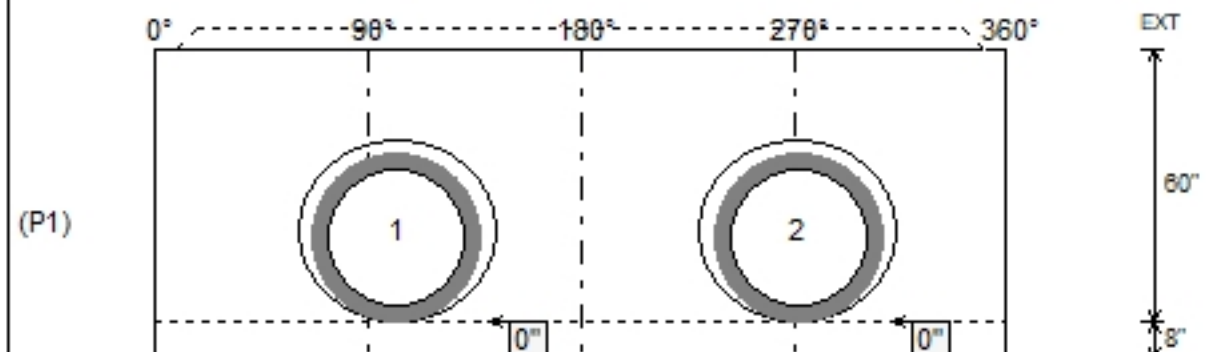
P5) 24" - CASTING HEIGHT - 7"	0 lb
P4) 24" - GRADE RING F/F - 4"	270 lb
P3) 60" - MH FLAT TOP w/ 24" ECC Hole F/G - 13"	2889 lb
P2) 60" - MH RISER T/G - 48"	5011 lb
P1) 60" - MH BASE T/n - 60"	7633 lb
1) CASTING - JBS 1150 F/C STORM	250 lb
2) 60" - Conesal CS-102 1.00"	0 lb
2) Hole - 40	0 lb
9) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	16033 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	572.62'							
Reducer								
Invert 1	561.86'	102°	30" RCP B WALL	37"	40"	Hole 40	0"	P1
Invert 2	561.86'	272°	30" RCP B WALL	37"	40"	Hole 40	0"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
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SUBMITTAL
APPROVED BY: