

Job Name: 25-1401 Irwin Landing Ph. 1
Job Location: Murfreesboro, TN
Contractor: Bear Construction LLC

PC: Erica Bradley
TECH: S. Felletter
Plant: Beaver Dam



Structure ID: R36
Spec: Storm
Type: STM.MH
Size: 48"

Rim: 589.09'
Invert: 584.97'
Rim to Invert: 4.12'

Sump: 2.5"
Floor (Top): 584.762'
Floor Height: 6"

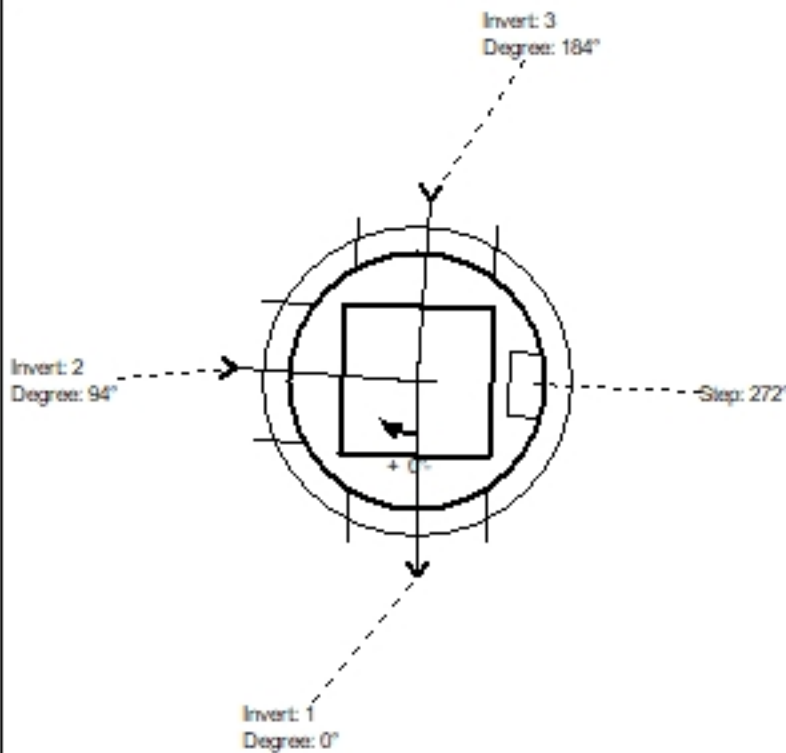
Floor (Bot): 584.262'
Overall Height: 4.75'
Slack: 0.94"

Structure Notes:

1. PER ASTM C478 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. CASTING BY ICAST (JBS-3104 SINGLE SET).
- REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB (As .62) #5 BARS AT 8" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

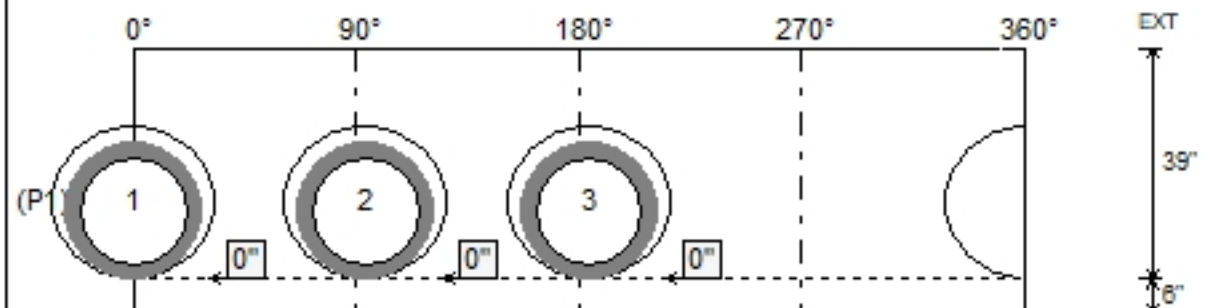
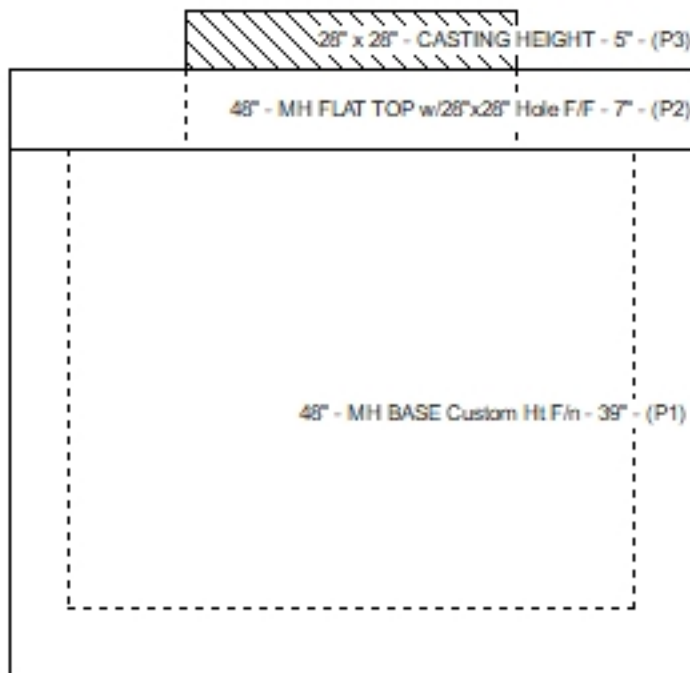
STRUCTURE SUMMARY:

P3) 28" x 28" - CASTING HEIGHT - 5"	0 lb
P2) 48" - MH FLAT TOP w/28"x28" Hole F/F - 7"	1091 lb
P1) 48" - MH BASE Custom Ht F/n - 39"	3355 lb
1) 48" - STORM INVERT CHANNEL - 1/4 HEIGHT	1075 lb
1) CASTING - JBS 3104-V SINGLE SET	250 lb
1) 48" - Con Seal CS-102 1.00"	0 lb
1) 28" x 28" - Con Seal CS-102 1.00"	0 lb
3) Hole - 28	0 lb
3) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	5772 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	589.09'							
Reducer								
Invert 1	584.97'	0°	18" RCP B WALL	23"	28"	Hole 28	0"	P1
Invert 2	584.97'	94°	18" RCP B WALL	23"	28"	Hole 28	0"	P1
Invert 3	584.97'	184°	18" RCP B WALL	23"	28"	Hole 28	0"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

Default - Interior Dimensions



Submittal Drawing
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SUBMITTAL
APPROVED BY: