

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: R53
Spec: TDOT
Type: JB TYPE D-RJB-1
Size: 48"

Rim: 568.97'
Invert: 560.76'
Rim to Invert: 8.21'

Sump: 2.5"
Floor (Top): 560.552'
Floor Height: 6"

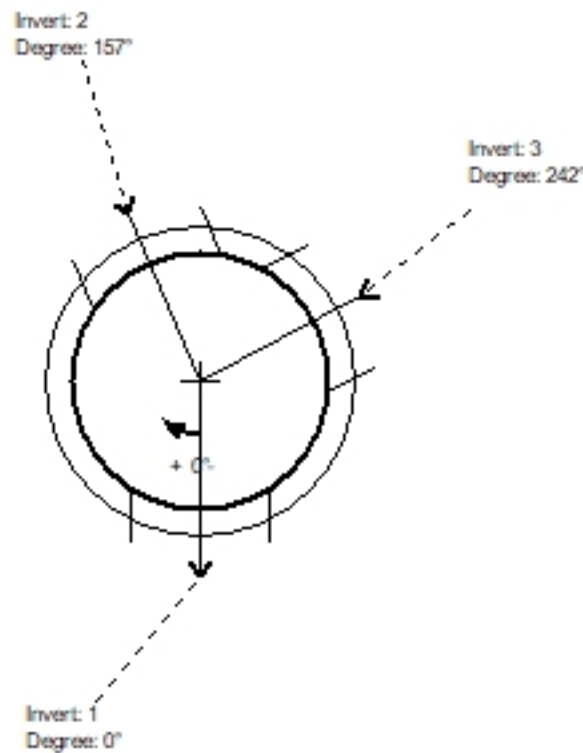
Floor (Bot): 560.052'
Overall Height: 7.667'
Slack: 15.02"

Structure Notes:

1. PER TDOT D-RJB-1 / ASTM C913 SPEC'S.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
- REINFORCING PER ASTM A615 (GRADE 60).
** SEE TDOT STD DRAWING D-RJB-1 **
- TOP SLAB (As .42) #5 BARS AT 10" C.C.E.W.
- WALLS (As .47) #5 BARS AT 8" C.C.E.W.
- FLOOR (As .47) #5 BARS AT 8" C.C.E.W.

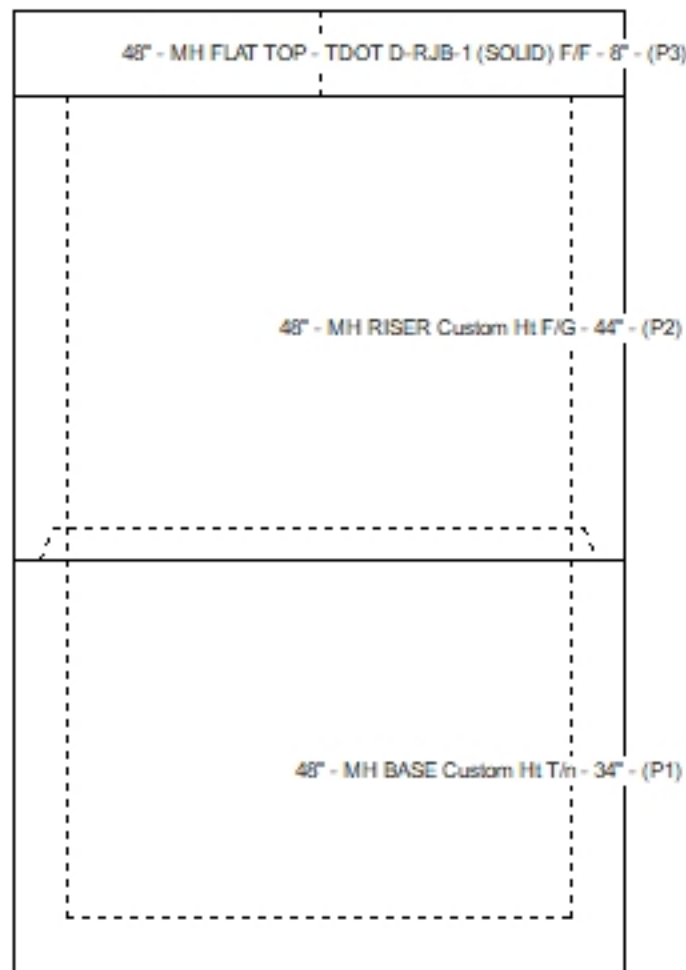
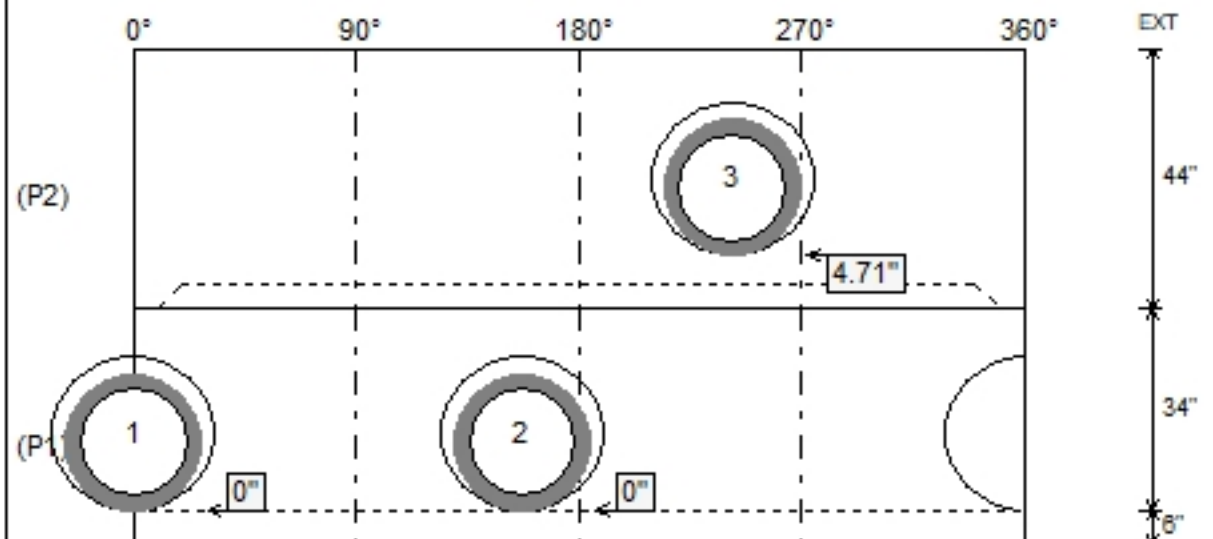
STRUCTURE SUMMARY:

P3) 48" - MH FLAT TOP - TDOT D-RJB-1 (SOLID) F/F - 8"	1774 lb
P2) 48" - MH RISER Custom Ht F/G - 44"	2841 lb
P1) 48" - MH BASE Custom Ht T/n - 34"	3239 lb
1) 48" - STORM INVERT CHANNEL - 1/4 HEIGHT	1075 lb
2) 48" - Conesal CS-102 1.00"	0 lb
3) Hole - 26	0 lb
Structure Total:	8928 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	568.97'							
Reducer								
Invert 1	560.76'	0°	18" RCP B WALL	23"	26"	Hole 26	0"	P1
Invert 2	560.76'	157°	18" RCP B WALL	23"	26"	Hole 26	0"	P1
Invert 3	564.34'	242°	18" RCP B WALL	23"	26"	Hole 26	4.71"	P2
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

Default - Interior Dimensions



Submittal Drawing
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SUBMITTAL
APPROVED BY: