

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: R30
Spec: Storm
Type: BX 6inW, 6inF
Size: 28" x 28"

Rim: 578.27'
Invert: 573.76'
Rim to Invert: 4.51'

Sump: 2.5"
Floor (Top): 573.552'
Floor Height: 6"

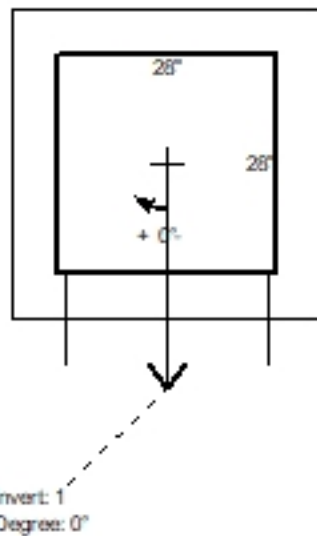
Floor (Bot): 573.052'
Overall Height: 5.167'
Slack: 0.62"

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. CASTING BY ICAST (JBS-3104 SINGLE SET).
- REINFORCING PER ASTM A615 (GRADE 60).
- WALLS (As .31) #5 BARS AT 12" C.C.E.W.
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

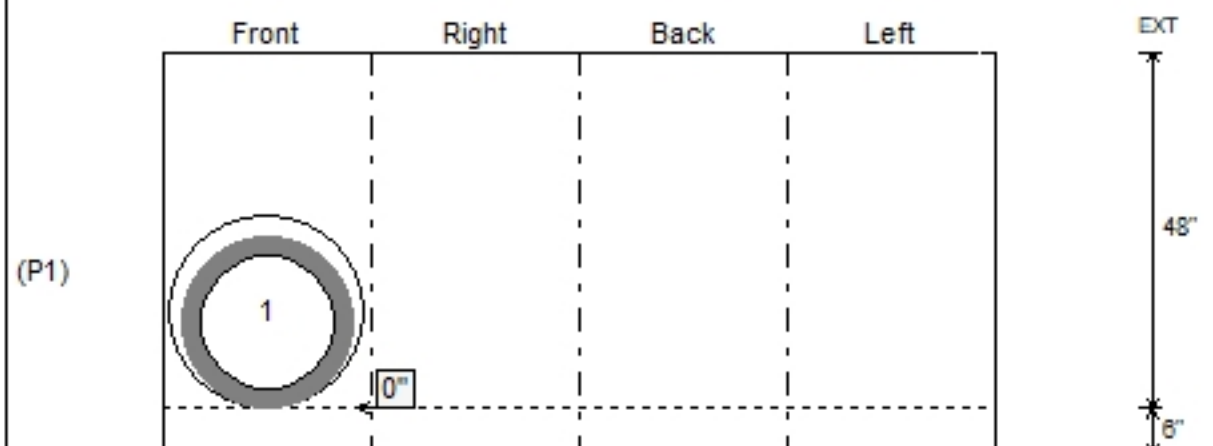
STRUCTURE SUMMARY:

P3) 28" x 28" - CASTING HEIGHT - 5"	0 lb
P2) 28" x 28" - GRADE RING 6"W F/F - 3"	205 lb
P1) 28" x 28" - BOX BASE 6inW, 6inF F/n - 48"	3825 lb
1) 28" x 28" - STORM INVERT CHANNEL (FLAT) - 4" THK	450 lb
1) CASTING - JBS 3104-V SINGLE SET	250 lb
2) 28" x 28" - Conesal CS-102 1.00"	0 lb
1) Hole - 28	0 lb
Structure Total:	4730 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	578.27'							
Reducer								
Invert 1	573.76'	0°	18" RCP B WALL	23"	28"	Hole 28	0"	P1
Invert 2								
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

Default - Interior Dimensions



Submittal Drawing
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SUBMITTAL
APPROVED BY: