

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: R21

Spec: Storm

Type: BX 6inW, 6inF

Size: 28" x 28"

Rim: 595.28'

Invert: 590.67'

Rim to Invert: 4.61'

Sump: 2.5"

Floor (Top): 590.462'

Floor Height: 6"

Floor (Bot): 589.962'

Overall Height: 5.167'

Slack: 1.82"

Structure Notes:

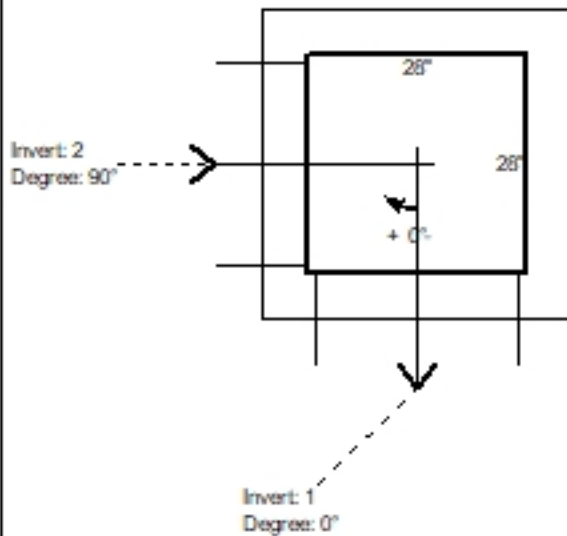
1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. CASTING BY ICAST (JBS-3104 SINGLE SET).

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.

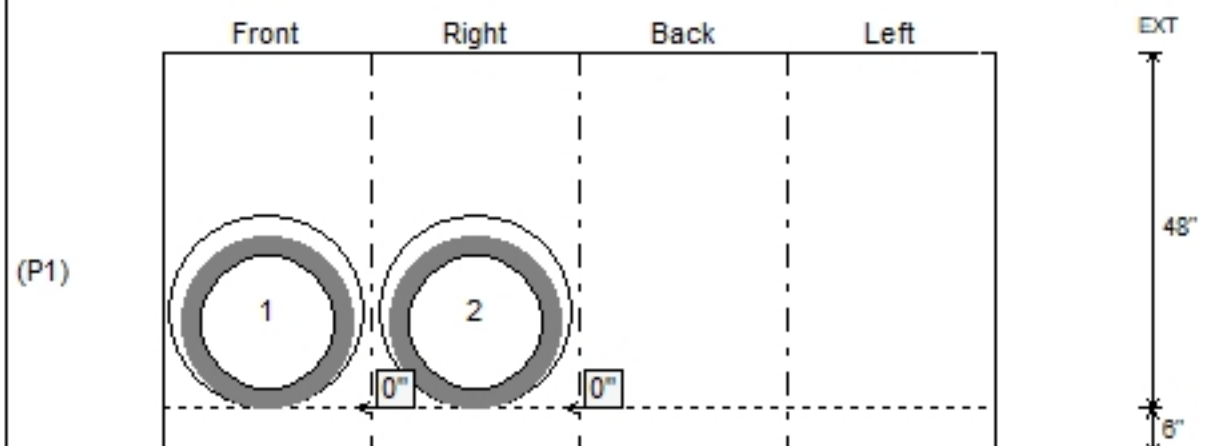
STRUCTURE SUMMARY:

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"	3558 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" - Conseal CS-102 1.00"	0 lb
2) Hole - 28	0 lb
Structure Total:	4463 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	595.28'							
Reducer								
Invert 1	590.67'	0°	18" RCP B WALL	23"	28"	Hole 28	0"	P1
Invert 2	590.67'	90°	18" RCP B WALL	23"	28"	Hole 28	0"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

Default - Interior Dimensions



Submittal Drawing
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SUBMITTAL
APPROVED BY: