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: **R37**

Spec: Storm	Rim: 589.09'	Sump: 2.5"	Floor (Bot): 584.522'
Type: BX 6inW, 6inF	Invert: 585.23'	Floor (Top): 585.022'	Overall Height: 4.5'
Size: 28" x 28"	Rim to Invert: 3.86'	Floor Height: 6"	Slack: 0.82"

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

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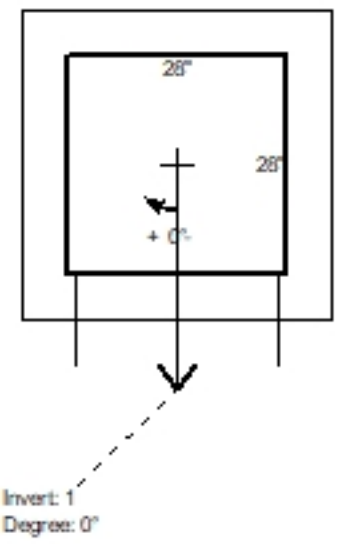
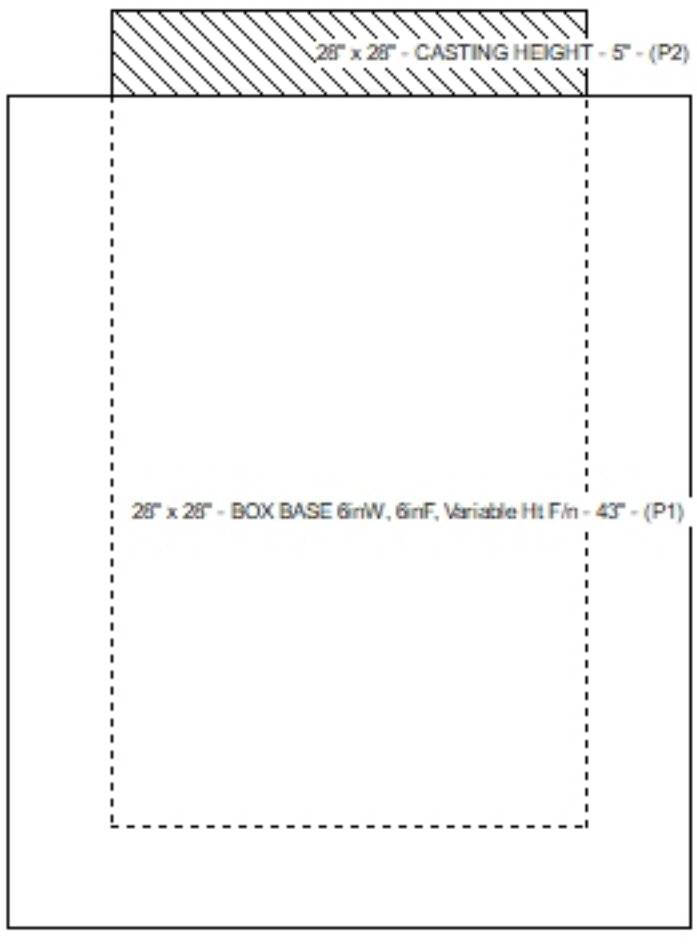
REINFORCING PER ASTM A615 (GRADE 60).
- WALLS (As .31) #5 BARS AT 12" C.C.E.W.
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

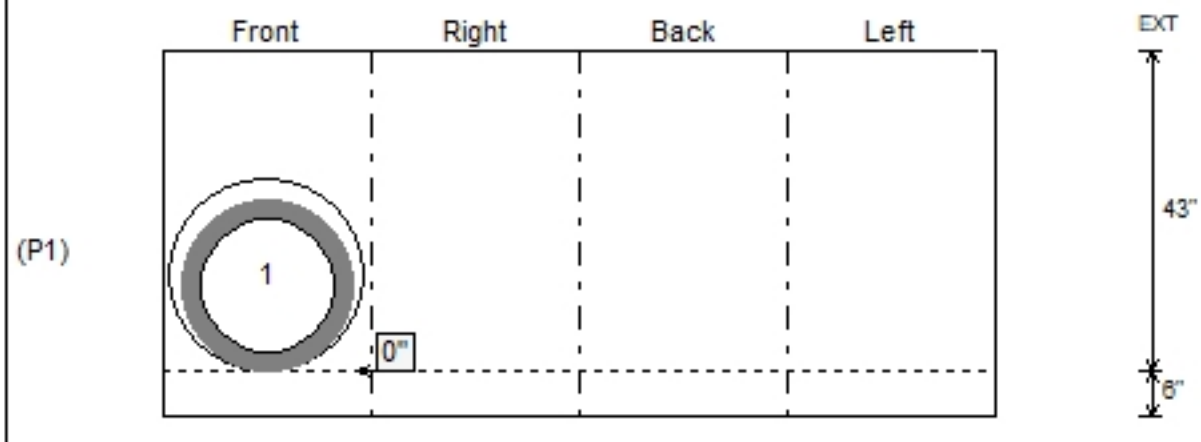
P2) 28" x 28" - CASTING HEIGHT - 5"	0 lb
P1) 28" x 28" - BOX BASE 6inW, 6inF, Variable Ht F/n - 43"	3483 lb
1) 28" x 28" - STORM INVERT CHANNEL (FLAT) - 4" THK	450 lb
1) CASTING - JBS 3104-V SINGLE SET	250 lb
1) 28" x 28" - Conseal CS-102 1.00"	0 lb
1) Hole - 26	0 lb
Structure Total:	4183 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (_)	Ref
Rim	589.09'							
Reducer								
Invert 1	585.23'	0°	18" RCP B WALL	23"	26"	Hole 26	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: