

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: R8
Spec: Storm
Type: BX 8inW, 8inF
Size: 36" x 36"

Rim: 570.12'
Invert: 565.95'
Rim to Invert: 4.17'

Sump: 2.5"
Floor (Top): 565.742'
Floor Height: 8"

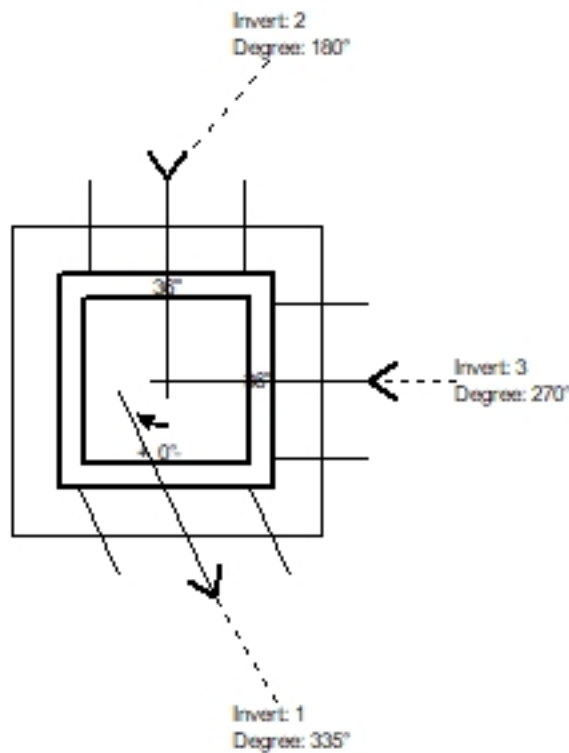
Floor (Bot): 565.075'
Overall Height: 5'
Slack: 0.54"

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).
- TOP SLAB (As .62) #5 BARS AT 8" C.C.E.W..
 - WALLS (As .31) #5 BARS AT 12" C.C.E.W.
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

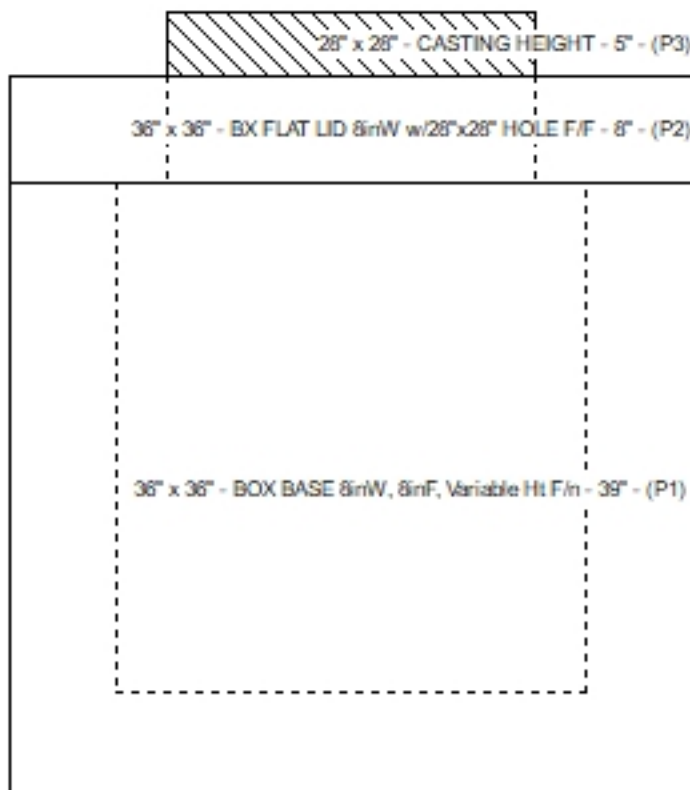
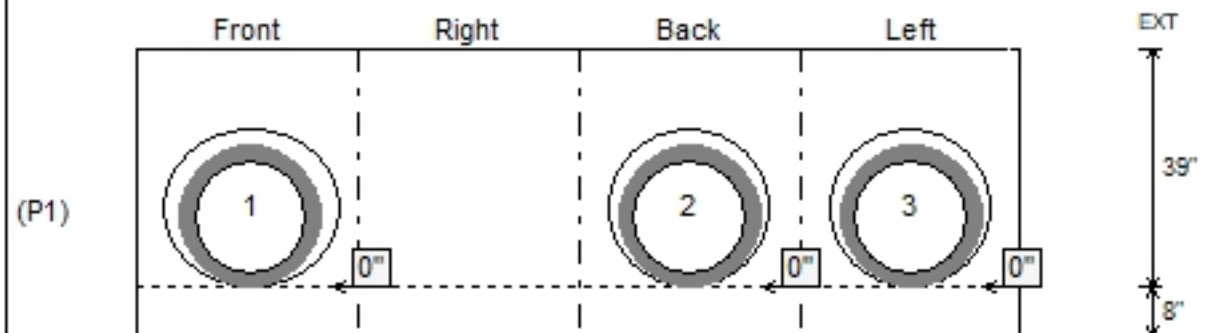
STRUCTURE SUMMARY:

P3) 28" x 28" - CASTING HEIGHT - 5"	0 lb
P2) 36" x 36" - BX FLAT LID 8inW w/28"x28" HOLE F/F - 8"	1289 lb
P1) 36" x 36" - BOX BASE 8inW, 8inF, Variable Ht F/n - 39"	5317 lb
1) 36" x 36" - STORM INVERT CHANNEL (FLAT) - 4" THK	450 lb
1) CASTING - JBS 3104-V SINGLE SET	250 lb
1) 36" x 36" - SGL 1"x14.5" Butyl (2x)	0 lb
3) Hole - 28	0 lb
Structure Total:	7306 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	570.12'							
Reducer								
Invert 1	565.95'	335°	18" RCP B WALL	23"	28"	Hole 28	0"	P1
Invert 2	565.95'	180°	18" RCP B WALL	23"	28"	Hole 28	0"	P1
Invert 3	565.95'	270°	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: