Job Name: 23-2309 - Richland Estates Subdivision
Job Location: Portland, TN
Contractor: Core & Main LP (BG)

PC: T. Lewis
TECH: J. Horsley
Plant: 100

Structure ID: **02 REV ST-AD**

Spec: Storm	Rim: 801.5'	Sump: 0"	Floor (Bot): 798.2'
Type: BX 6inW, 6inF	Invert: 798.7'	Floor (Top): 798.7'	Overall Height: 3.167'
Size: 28" x 28"	Rim to Invert: 2.8'	Floor Height: 6"	Slack: 1.6"

Structure Notes: .
1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY OTHERS (JBS 4315 F/G).

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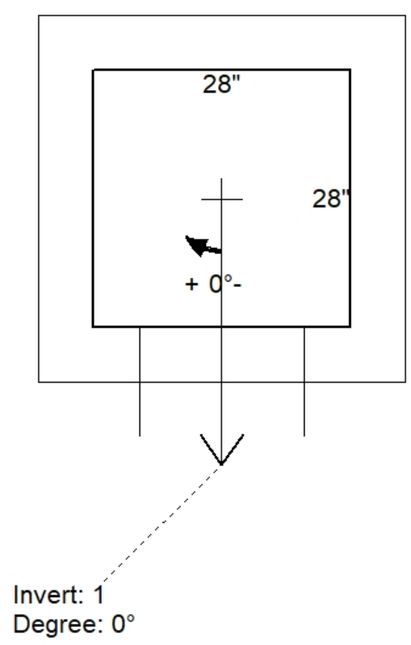
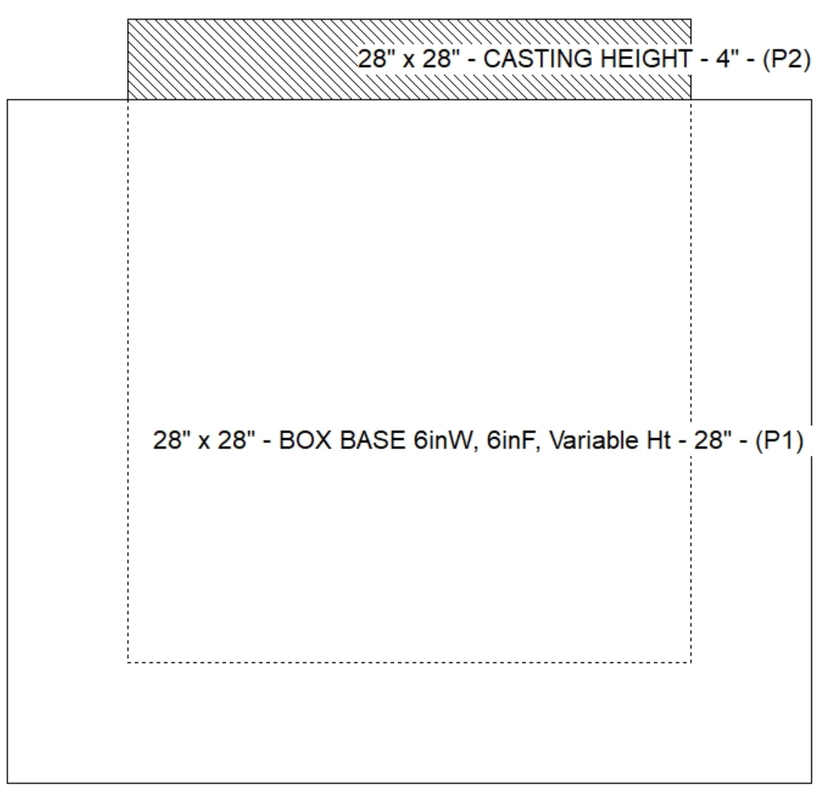
REINFORCING PER ASTM A615 (GRADE 60).
- WALLS (As .31) #5 BARS AT 12" C.C.E.W
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

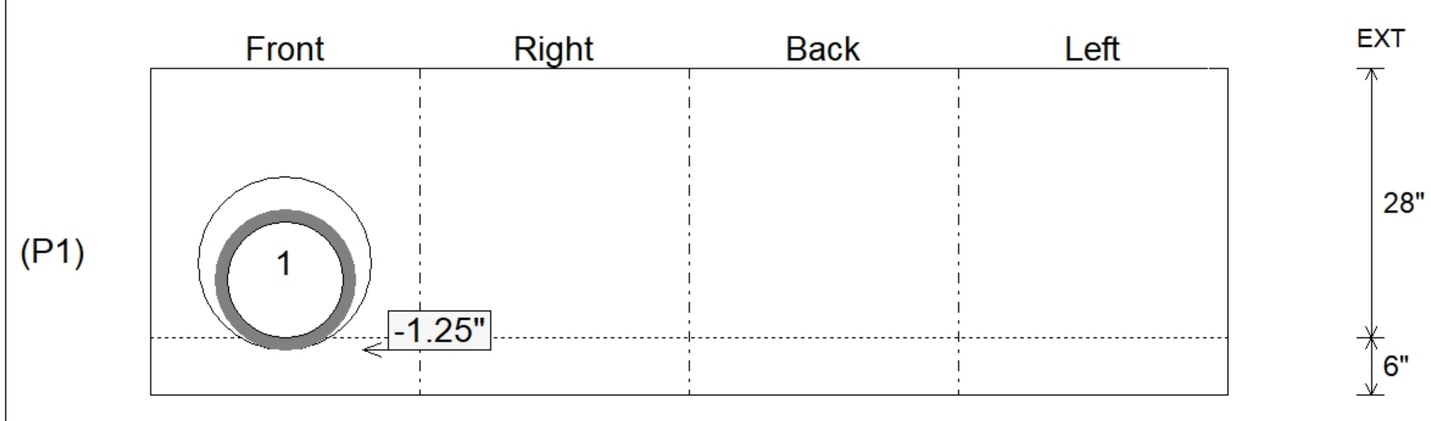
P2) 28" x 28" - CASTING HEIGHT - 4"	0 lb
P1) 28" x 28" - BOX BASE 6inW, 6inF, Variable Ht - 28"	2595 lb
1) 28" x 28" - Conseal CS-102 1.00"	0 lb
1) Hole - 18	0 lb
Structure Total:	2595 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (_)	Ref
Rim	801.5'							
Reducer								
Invert 1	798.7'	0°	12" HDPE	14.5"	18"	Hole 18	-1.25"	P1
Invert 2								
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
7/2/2026 8:20:41 AM

SUBMITTAL
APPROVED BY: