

Job Name: 24-3511 Coles Ferry Section 18 & 19
Job Location: Lebanon, TN
Contractor: Covenant Constructors, LLC

PC: A. Chambers
TECH: J. Horsley
Plant: Beaver Dam, KY



Structure ID: CB11 - add 48in HT Riser

Spec: Storm
Type: BX 6inW, 6inF
Size: 28" x 64"

Rim: 571.83'
Invert: 565.4'
Rim to Invert: 6.43'

Sump: 2.256"
Floor (Top): 565.212'
Floor Height: 6"

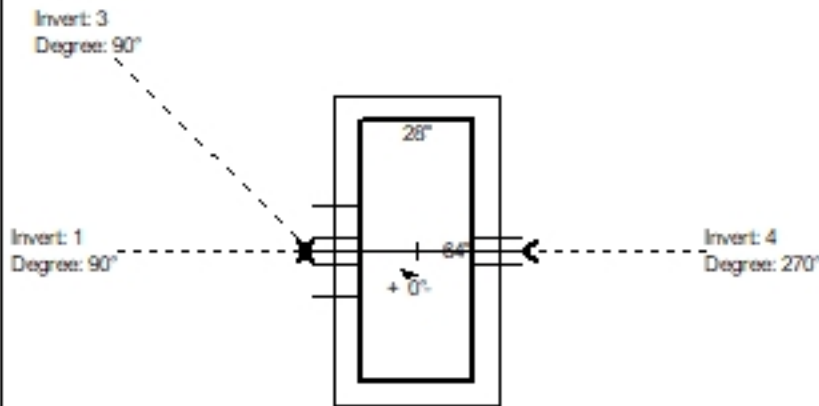
Floor (Bot): 564.712'
Overall Height: 7.083'
Slack: 0.416"

Structure Notes:

1. PER ASTM C913 SPECIFICATIONS.
 2. CONCRETE = 4,000 PSI AT 28 DAYS.
 3. NO INVERT CHANNEL.
 4. CASTING BY ICAST (2ea. JBS 3101 F/G/H/)
- 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.

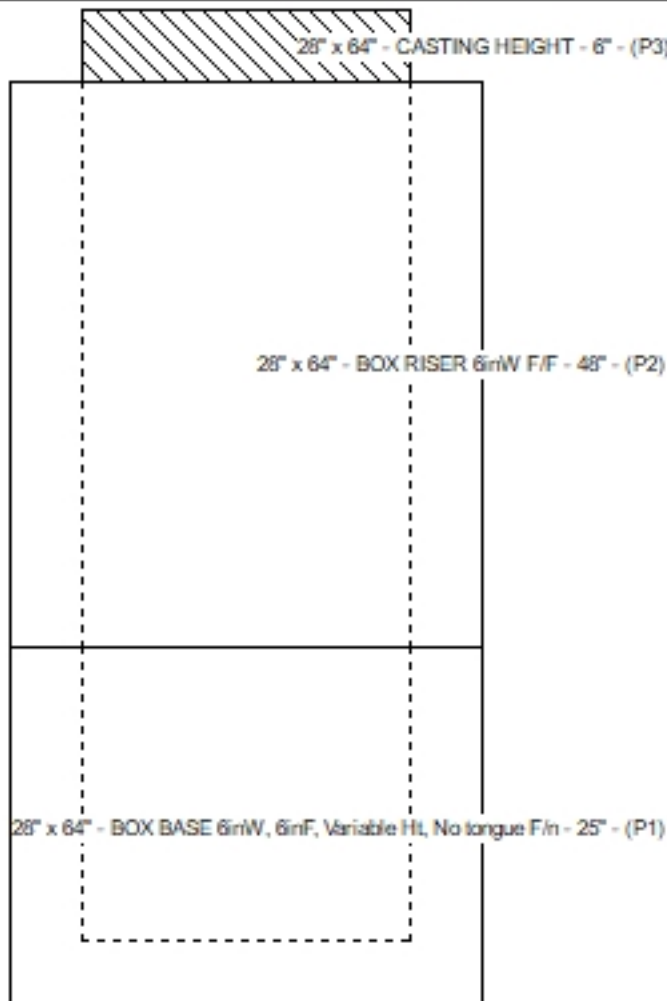
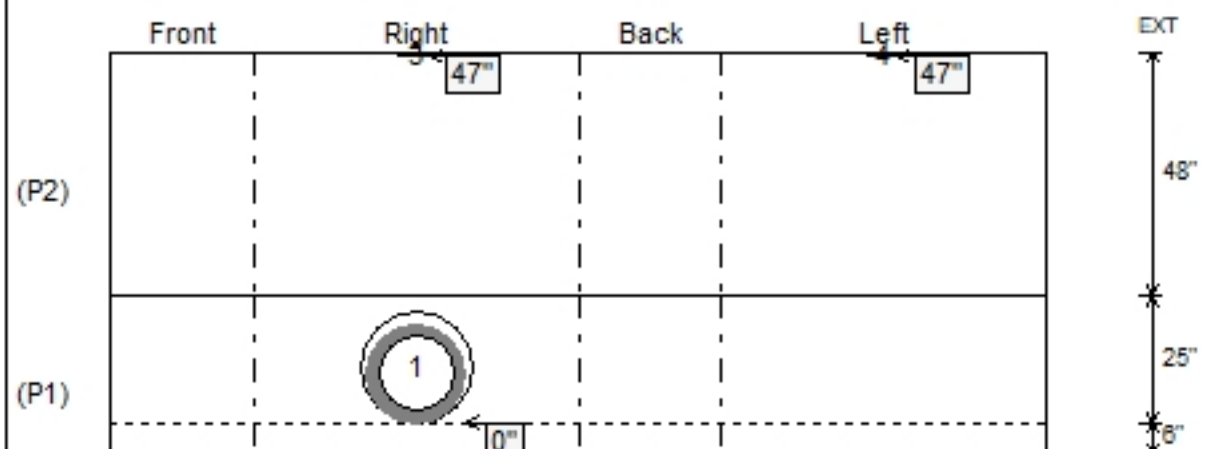
STRUCTURE SUMMARY:

P3) 28" x 64" - CASTING HEIGHT - 6"	0 lb
P2) 28" x 64" - BOX RISER 6inW F/F - 48"	5020 lb
P1) 28" x 64" - BOX BASE 6inW, 6inF, Variable Ht, No tongue F/n - 25"	3957 lb
1) CASTING - JBS 3101 Double Set (F/G/H)	1238 lb
2) 28" x 64" - Conesal CS-102 1.00"	0 lb
1) Hole - 22	0 lb
2) LINTEL BAR SLOT n/n - 7"x1"	0 lb
Structure Total:	10215 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	571.83'							
Reducer								
Invert 1	565.4'	90°	15" RCP B WALL	19.5"	22"	Hole 22	0"	P1
Invert 2								
Invert 3	571.21'	90°	7" x 1" LINTEL BAR SLOT	7" x 1"	7" x 1"	LINTEL BAR SLOT 7"x1"	47"	P2
Invert 4	571.21'	270°	7" x 1" LINTEL BAR SLOT	7" x 1"	7" x 1"	LINTEL BAR SLOT 7"x1"	47"	P2
Invert 5								
Invert 6								
Invert 7								
Invert 8								

Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
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SUBMITTAL
APPROVED BY: