Job Name: 25-2511B - Blue Sky Sec 1 (Storm)
Job Location: Clarksville, TN
Contractor: Byard Construction, LLC

PC: A. Chambers
TECH: J. Horsley - F
Plant: 100

Structure ID: **N**

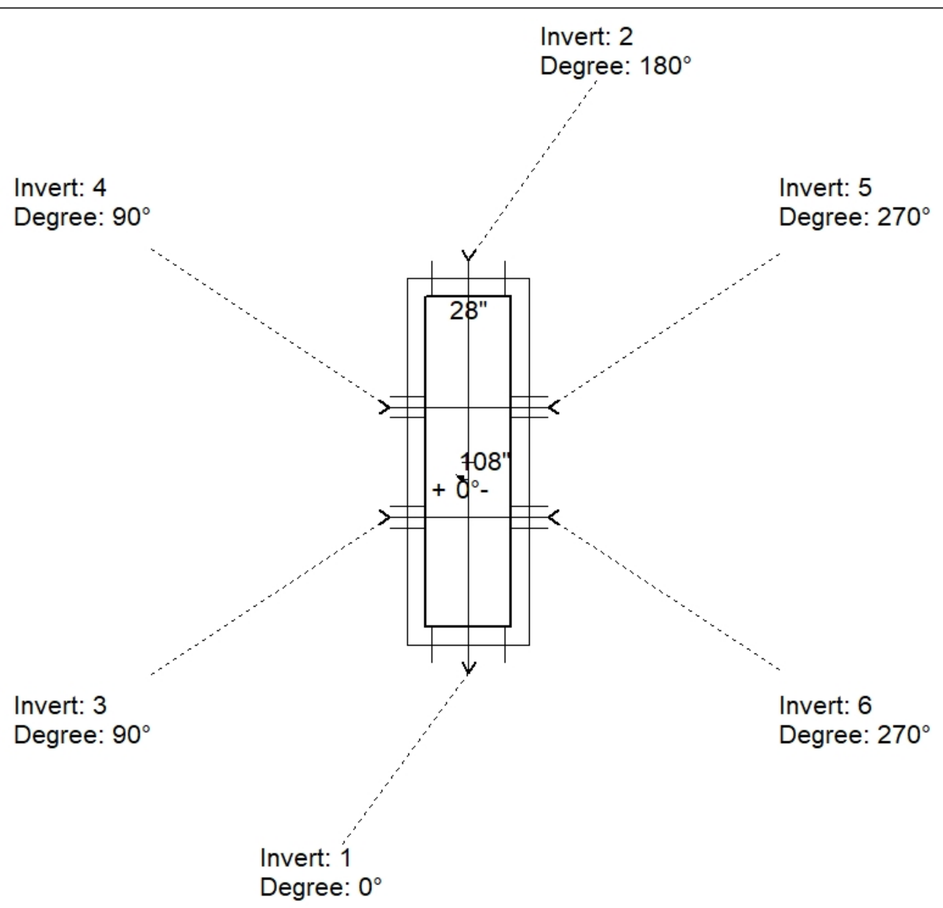
Spec: Storm | Rim: 508.67' | Sump: 0" | Floor (Bot): 504.47'
Type: BX 6inW, 6inF | Invert: 504.97' | Floor (Top): 504.97' | Overall Height: 4.167'
Size: 28" x 108" | Rim to Invert: 3.7' | Floor Height: 6" | Slack: 0.4"

Structure Notes:
1. PER ASTM C913 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO STEPS AND NO INVERT CHANNEL.
4. CASTING BY I-CAST (3 ea. - JBS 3080-V SET (F/G/H)).

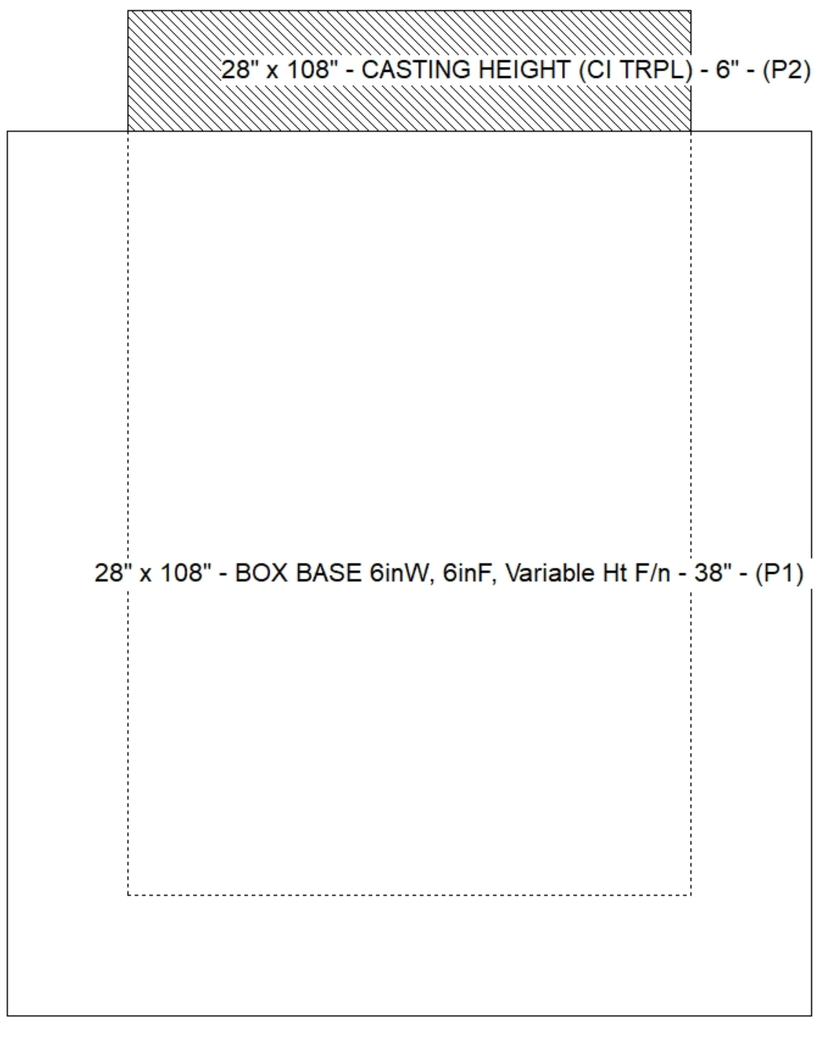
REINFORCING PER ASTM A615 (GRADE 60).
- WALLS (As .12) #5 BARS AT 12" C.C.E.W.
- FLOOR (As .12) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

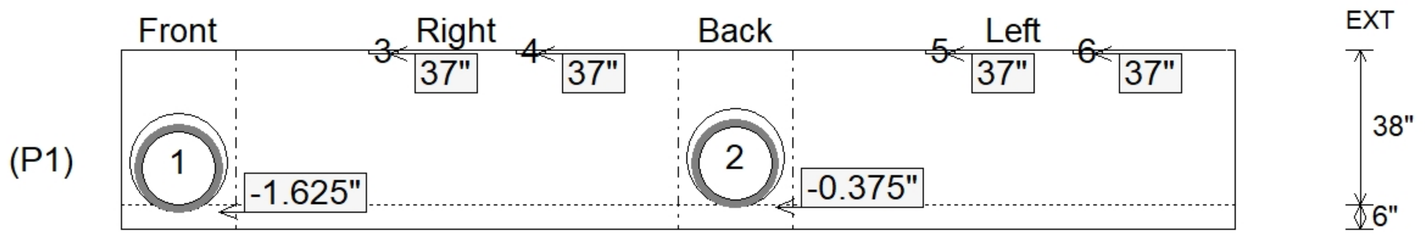
P2) 28" x 108" - CASTING HEIGHT (CI TRPL) - 6"	0 lb
P1) 28" x 108" - BOX BASE 6inW, 6inF, Variable Ht F/n - 38"	7610 lb
1) Conseal CS-102 1.00" (Single)	0 lb
3) CASTING - JBS 3080-V SET (F/G/H)	1500 lb
2) Hole - 24	0 lb
4) LINTEL BAR SLOT n/n - 7"x1"	0 lb
Structure Total:	9110 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (_)	Ref
Rim	508.67'							
Reducer								
Invert 1	504.97'	0°	18" HDPE	21.2"	24"	Hole 24	-1.625"	P1
Invert 2	505.07'	180°	18" HDPE	21.2"	24"	Hole 24	-0.375"	P1
Invert 3	508.05'	90°	7" x 1" LINTEL BAR SLOT	7" x 1"	7" x 1"	LINTEL BAR SLOT 7"x1"	37"	P1
Invert 4	508.05'	90°	7" x 1" LINTEL BAR SLOT	7" x 1"	7" x 1"	LINTEL BAR SLOT 7"x1"	37"	P1
Invert 5	508.05'	270°	7" x 1" LINTEL BAR SLOT	7" x 1"	7" x 1"	LINTEL BAR SLOT 7"x1"	37"	P1
Invert 6	508.05'	270°	7" x 1" LINTEL BAR SLOT	7" x 1"	7" x 1"	LINTEL BAR SLOT 7"x1"	37"	P1
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
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SUBMITTAL
APPROVED BY: