

Job Name: 25-4299 - Seneca High School
Job Location: Louisville, KY
Contractor: Dan Cristiani Excavating Co. Inc.

PC: J. Jarvis
 TECH: J. Horsley
 Plant: 100



Structure ID: A6
 Spec: Storm
 Type: BX 8inW, 10inF
 Size: 60" x 84"

Rim: 484.2'
 Invert: 478.4'
 Rim to Invert: 5.8'

Sump: 0"
 Floor (Top): 478.4'
 Floor Height: 10"

Floor (Bot): 477.567'
 Overall Height: 6.583'
 Slack: 0.6"

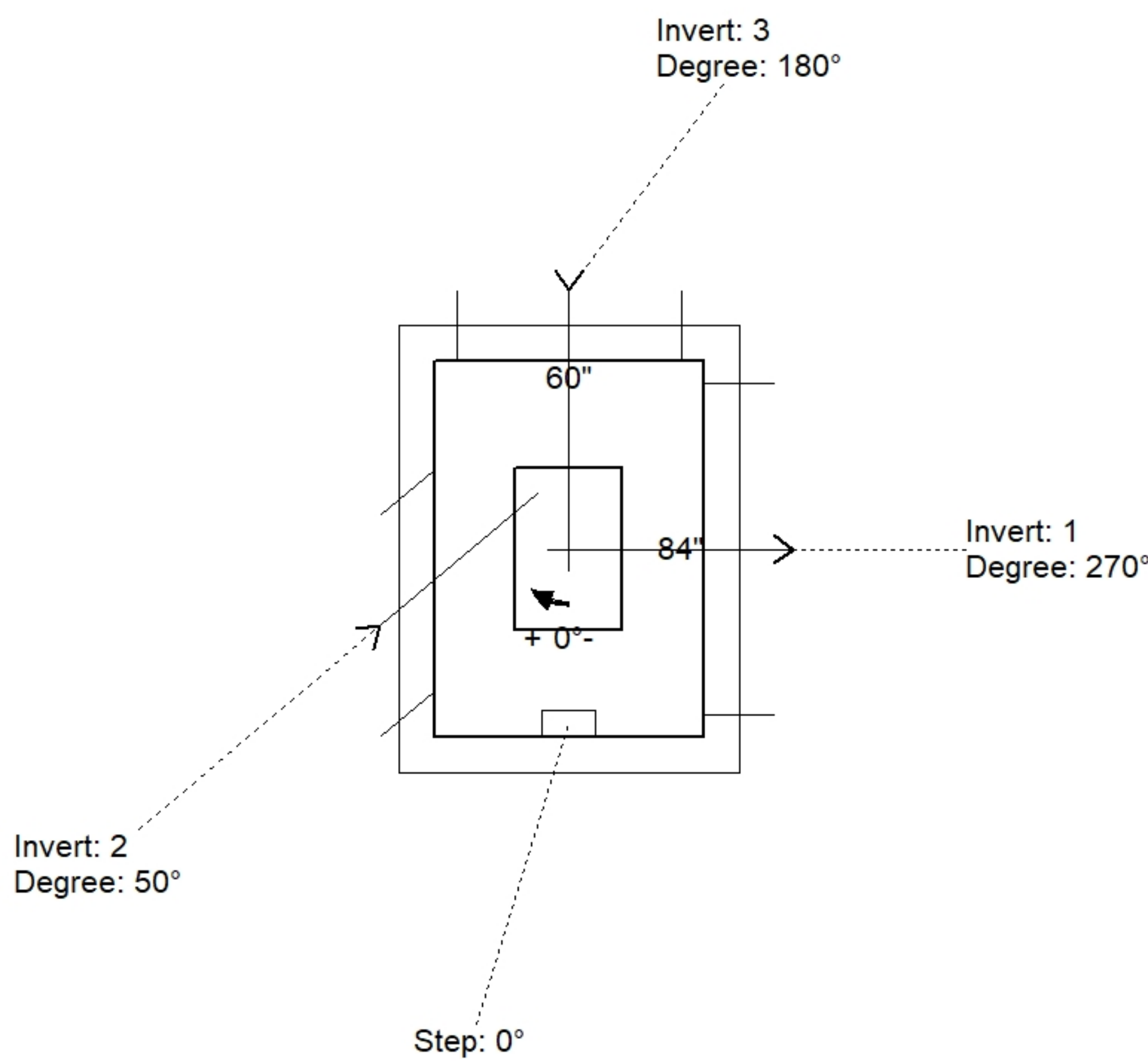
Structure Notes:

1. PER LOUISVILLE MSD / ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. NO INVERT CHANNEL.
4. CASTING BY OTHERS (HOE 470 F/G/H).

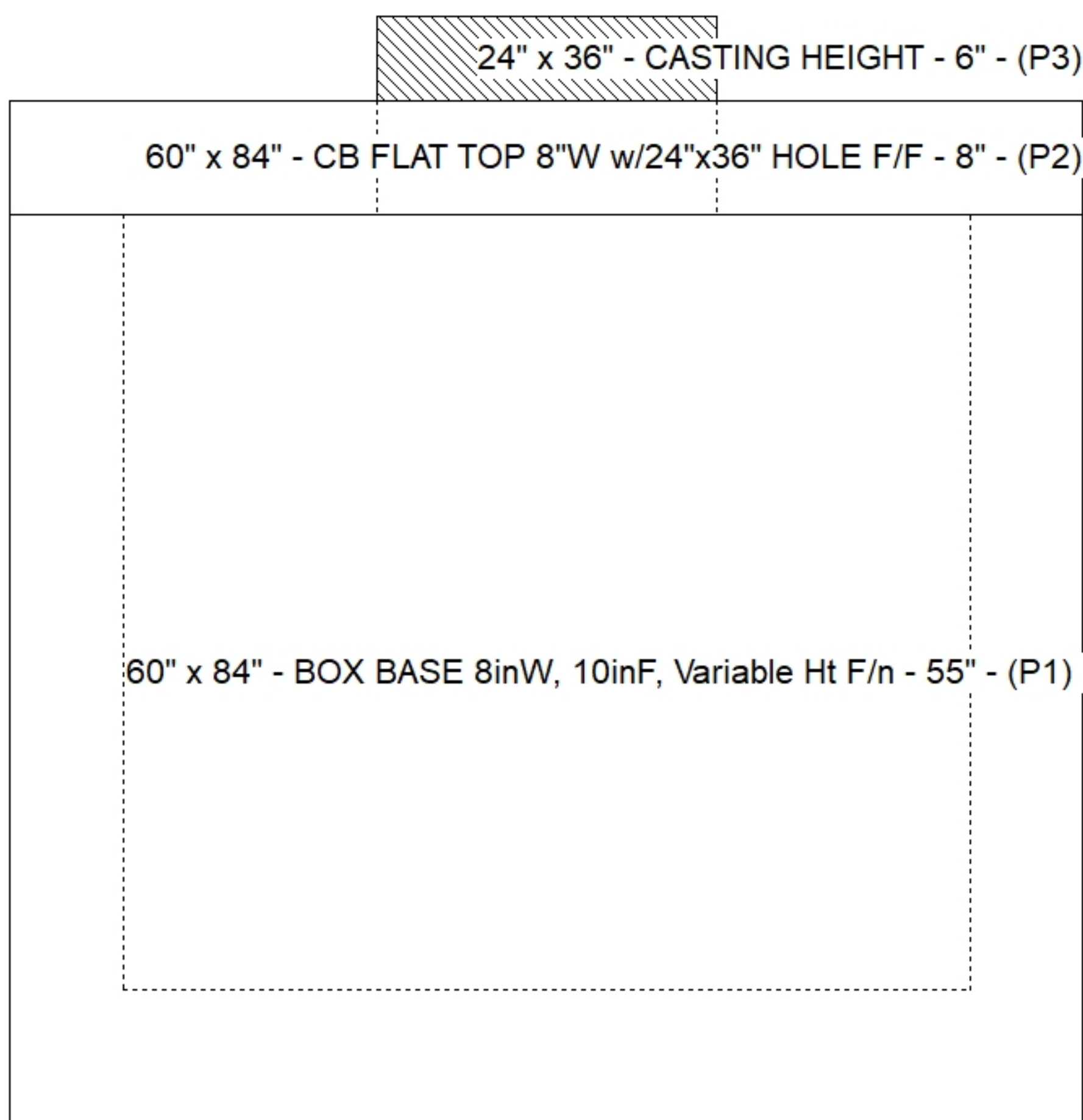
REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB = H20 LOADING.
 - WALLS (As .37) #5 BARS AT 10" C.C.E.W.
 - FLOOR (As .37) #5 BARS AT 10" C.C.E.W.

STRUCTURE SUMMARY:

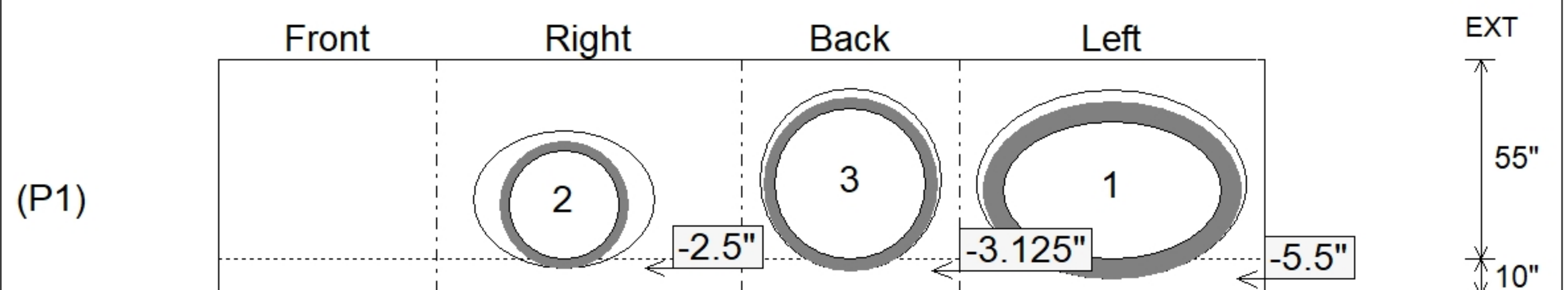
P3) 24" x 36" - CASTING HEIGHT - 6"	0 lb
P2) 60" x 84" - CB FLAT TOP 8"W w/24"x36" HOLE F/F - 8"	4522 lb
P1) 60" x 84" - BOX BASE 8inW, 10inF, Variable Ht F/n - 55"	13851 lb
1) 60" x 84" - Conseal CS-102 1.00"	0 lb
1) 24" x 36" - Conseal CS-102 1.00"	0 lb
1) Hole - 74 x 52	0 lb
1) Hole - 38	0 lb
1) Hole - 50	0 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	18373 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	484.2'							
Reducer								
Invert 1	478.4'	270°	60" x 38" ELL RCP	71" x 49"	74" x 52"	Hole 74 x 52	-5.5"	P1
Invert 2	478.4'	50°	30" HDPE	35.1"	38"	Hole 38	-2.5"	P1
Invert 3	478.4'	180°	42" HDPE	47.7"	50"	Hole 50	-3.125"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
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SUBMITTAL
 APPROVED BY: