

Job Name: 24-3539 - Larkin Springs Townhomes
Job Location: Nashville, TN
Contractor: Apex Earthworks, LLC

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



Structure ID: **D2**
 Spec: Storm
 Type: BX 8inW, 8inF
 Size: 48" x 48"

Rim: 526.5'
 Invert: 515'
 Rim to Invert: 11.5'

Sump: 0"
 Floor (Top): 515'
 Floor Height: 8"

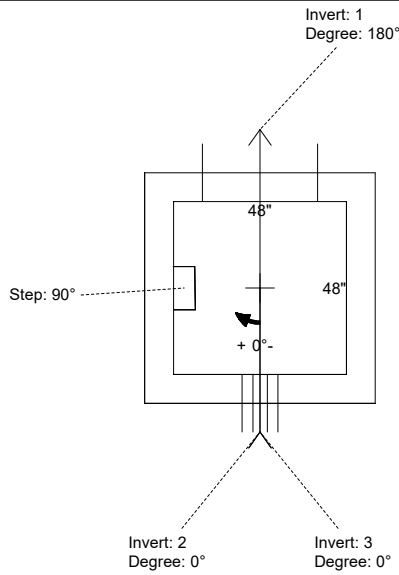
Floor (Bot): 514.333'
 Overall Height: 12.167'
 Slack: 0"

Structure Notes:

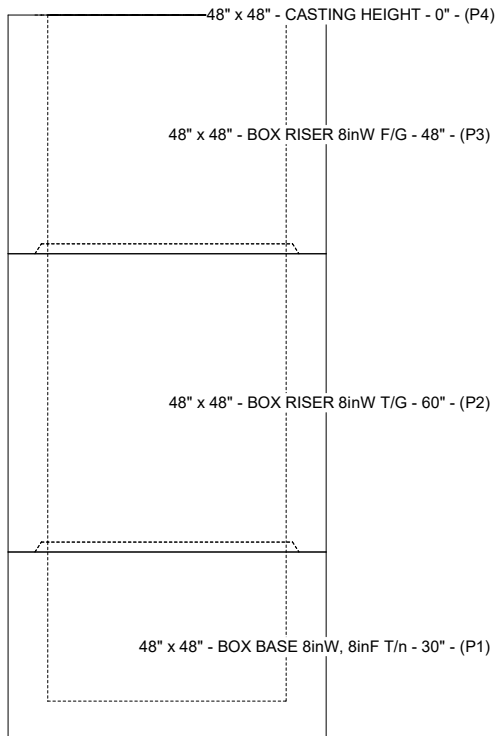
- PER ASTM C-913 SPECIFICATIONS
- CONCRETE: 4,000 PSI AT 28 DAYS
- REINFORCEMENT: #5 BAR @ 12" C.C. E.W. (GRADE 60)
- NO STORM INVERT
- STEPS AT 90 DEGREES
- TRASHRACKS LFS-4848-P SQUARE FLUSH MOUNT GRATE SUPPLIED BY ICAST

STRUCTURE SUMMARY:

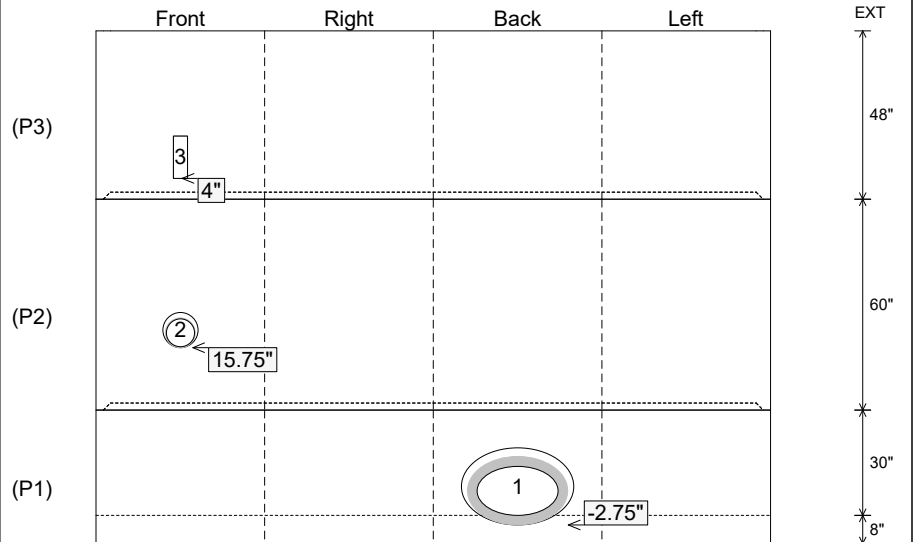
P4) 48" x 48" - CASTING HEIGHT - 0"	0 lb
P3) 48" x 48" - BOX RISER 8inW F/G - 48"	7186 lb
P2) 48" x 48" - BOX RISER 8inW T/G - 60"	8969 lb
P1) 48" x 48" - BOX BASE 8inW, 8inF T/n - 30"	6890 lb
1) CASTING - TRASHRACKS LFS-4848-P SQ. Flush Mount Grate	289 lb
3) 48" x 48" - Conseal CS-102 1.00"	0 lb
1) Hole - 32 x 22	0 lb
1) Hole - 10	0 lb
1) Weir n/n - 4"x12"	0 lb
12) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	23334 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (')	Ref
Rim	526.5'							
Reducer								
Invert 1	515'	180°	23" x 14" ELL RCP	28.5" x 19.5"	32" x 22"	Hole 32 x 22	-2.75"	P1
Invert 2	519'	0°	8" PVC SDR26	8.5"	10"	Hole 10	15.75"	P2
Invert 3	523'	0°	4" x 12" Weir	4" x 12"	4" x 12"	Weir 4"x12"	4"	P3
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
 2/24/2026 2:09:18 PM

SUBMITTAL
 APPROVED BY: