

Job Name: 25-1021 - 1220 N. 5TH Street
Job Location: Nashville, TN
Contractor: Hayes Pipe Supply

PC: E. Bradley
 TECH: J. Horsley
 Plant: 100



Structure ID: **CB3**
 Spec: Storm
 Type: STM.MH
 Size: 48"

Rim: 475.8'
 Invert: 470.06'
 Rim to Invert: 5.74'

Sump: 2.25"
 Floor (Top): 469.873'
 Floor Height: 6"

Floor (Bot): 469.373'
 Overall Height: 6.417'
 Slack: 0.13"

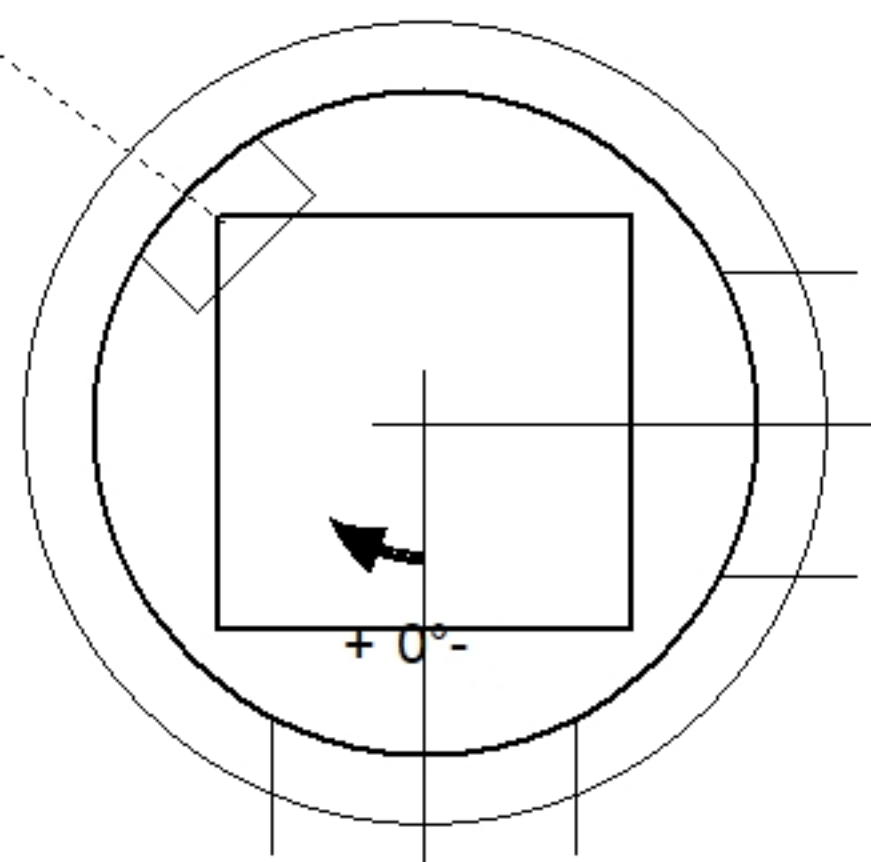
Structure Notes:

- PER ASTM C478 SPECIFICATIONS.
 - CONCRETE = 4,000 PSI AT 28 DAYS.
 - CASTING BY OTHERS (JBS 3101-V F/G/H).
- REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

P3) 30" x 30" - CASTING HEIGHT - 6"	0 lb
P2) 48" - MH FLAT TOP w/30"x30" Hole F/G - 12"	1350 lb
P1) 48" - MH BASE Custom Ht T/n - 53"	4703 lb
1) CASTING - JBS 3101V Single Set (F/G/H)	619 lb
1) 48" - Conseal CS-102 1.00"	0 lb
1) 30" x 30" - Conseal CS-102 1.00"	0 lb
2) Hole - 22	0 lb
4) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	6672 lb

Step: 135°



Invert: 2
Degree: 270°

Invert: 1
Degree: 0°

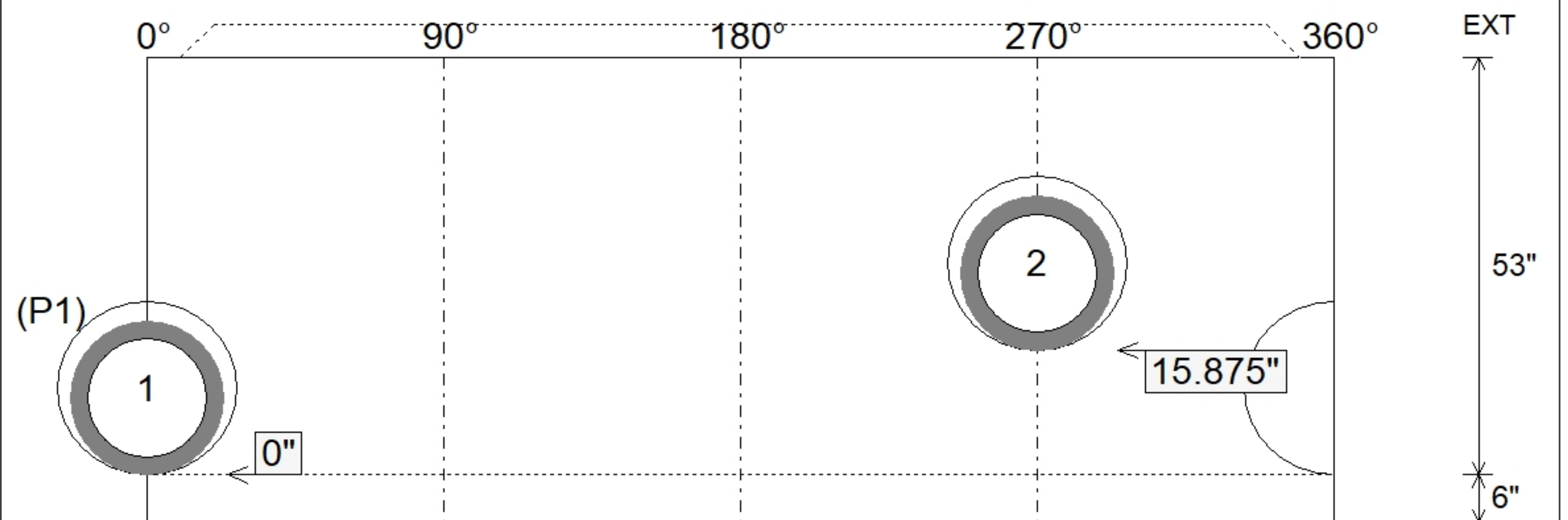
Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (")	Ref
Rim	475.8'							
Reducer								
Invert 1	470.06'	0°	15" RCP B WALL	19.5"	22"	Hole 22	0"	P1
Invert 2	471.38'	270°	15" RCP B WALL	19.5"	22"	Hole 22	15.875"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

30" x 30" - CASTING HEIGHT - 6" - (P3)

48" - MH FLAT TOP w/30"x30" Hole F/G - 12" - (P2)

48" - MH BASE Custom Ht T/n - 53" - (P1)

Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
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SUBMITTAL
 APPROVED BY: