Job Name: 25-3479 - Phase 24 Wastewater System Improvements
Job Location: Columbia, KY
Contractor: Cumberland Pipeline LLC

PC: E. Bradley

TECH: J. Coppage - F

Plant: 100

Structure ID: **A-9**

Spec: Sanitary
Type: SAN.MH w/ConBlock-CDA Red
Size: 48"

Rim: 716.31'
Invert: 711.31'
Rim to Invert: 5'

Sump: 2"
Floor (Top): 711.143'
Floor Height: 8"

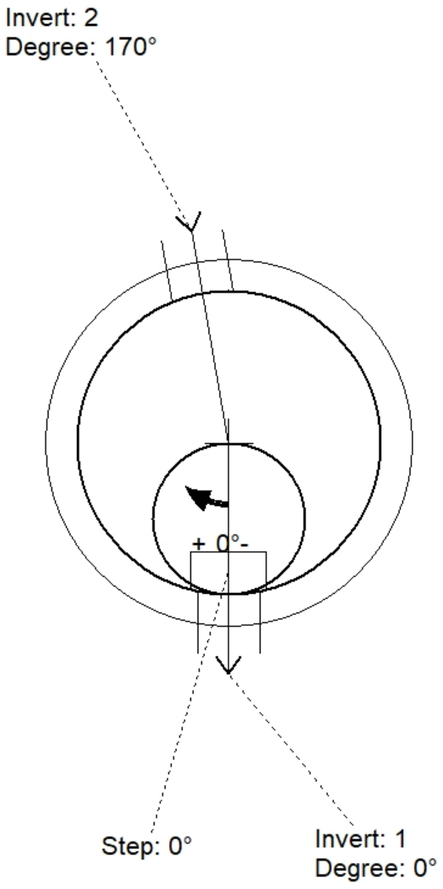
Floor (Bot): 710.477'
Overall Height: 5.75'
Slack: 1"

Structure Notes:
1. PER ASTM C478 SPECIFICATIONS.
2. CONCRETE = 4,000 PSI AT 28 DAYS.
3. ADMIXTURE = CONBLOCK CDA RED.
4. CASTING BY ICAST (HOE MC-375 F/C SANITARY)
5. 8.5" EXTERNAL CHIMNEY SEAL BY ICAST.

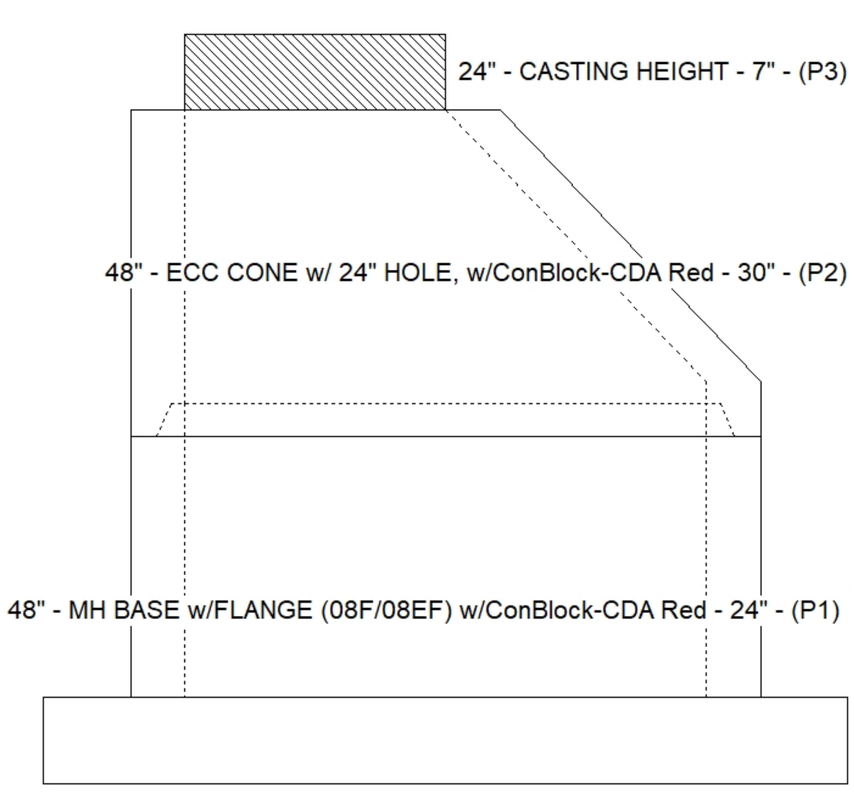
REINFORCING PER ASTM A615 (GRADE 60).
- TOP SLAB = H20 LOADING.
- RISER/WALLS (As .12)
- FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

STRUCTURE SUMMARY:

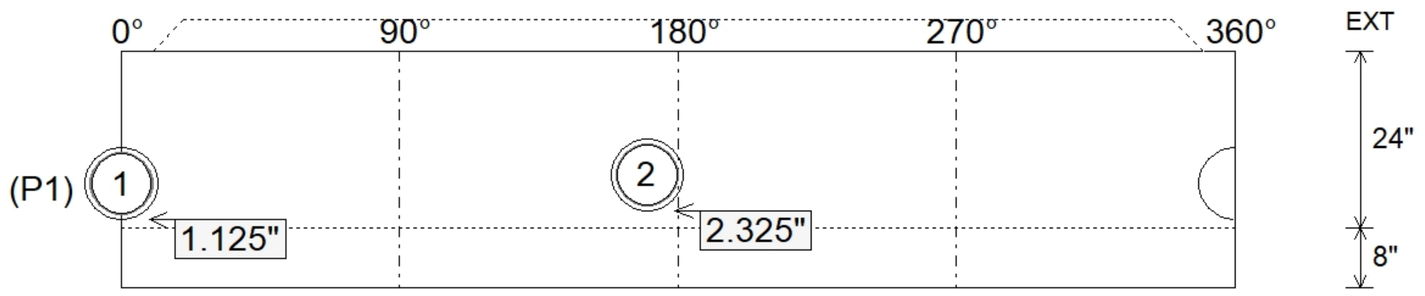
P3) 24" - CASTING HEIGHT - 7"	0 lb
P2) 48" - ECC CONE w/ 24" HOLE, w/ConBlock-CDA Red - 30"	1961 lb
P1) 48" - MH BASE w/FLANGE (08F/08EF) w/ConBlock-CDA Red - 24"	4501 lb
1) ADMIXTURE CONBLOCK CDA RED	0 lb
1) 48" - MH INVERT CHANNEL w/ConBlock-CDA Red - FULL HEIGHT	1440 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) CASTING - HOE MC-375 F/C Sanitary	271 lb
1) 48" - Conseal CS-102 1.00"	0 lb
2) A-Lok - 0285	2 lb
5) MH Step ML-10-TDS-NCR - 10"	0 lb
Structure Total:	8175 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (_)	Ref
Rim	716.31'							
Reducer								
Invert 1	711.31'	0°	8" PVC SDR35	8.5"	9.75"	A-Lok 0285	1.125"	P1
Invert 2	711.41'	170°	8" PVC SDR35	8.5"	9.75"	A-Lok 0285	2.325"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Default - Interior Dimensions



Submittal Drawing
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SUBMITTAL
APPROVED BY: