

Job Name: 26-2513- Stagner Farms Subdivision Sec. 2
Job Location: Bowling Green, KY
Contractor: R.A. Alexander & Sons, Inc.

Plant: 100

9/22/2026 8:22:50 AM

Tech: Jared - A

PC: Trevor Lewis



Structure ID: C2 ST-CB

P2 MH048MTVF

MH MONOTOP W/ MCS-288 CAST IN, Custom Ht

- P3) 24" - CASTING (cast in) - 4"
P2) 48" - MH MONOTOP W/ MCS-288 CAST IN, Custom Ht - 38"
P1) 48" - MH BASE Custom Ht - 25"
1) CASTING - HOE MCS-288 F/G Cast-IN
1) 48" - Conseal CS-102 1.00"
1) 24" - Conseal CS-102 1.00"
1) Hole - 22
1) Vert. Slot - 4"x8"
4) Weir - 30"x6"

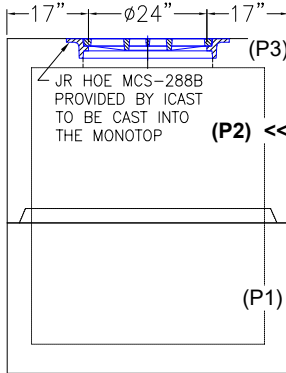
Structure Total: 6040 lb

Structure Notes:

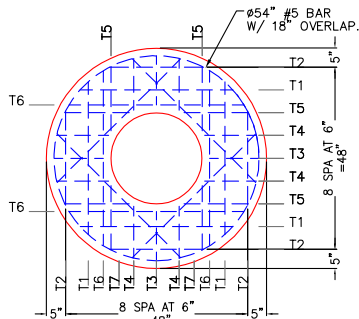
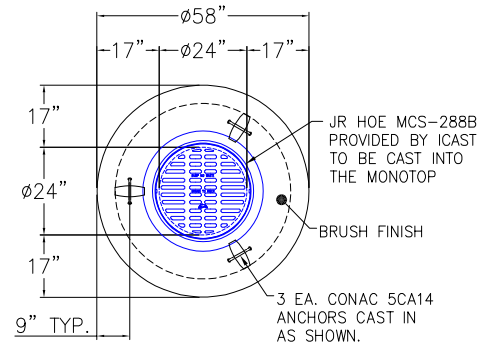
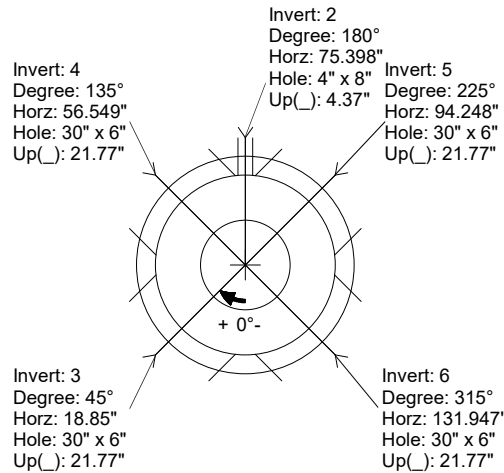
1. HOE MCS-288B F/G CAST-IN CENTERED PROVIDED BY ICAST.
2. PER ASTM C478 SPECIFICATIONS.
3. CONCRETE = 4,000 PSI AT 28 DAYS.
4. REINFORCING PER ASTM A615 (GRADE 60).
 - TOP SLAB (As .62) #5 BARS AT 6" C.C.E.W..
 - RISER/WALLS (As .12)
 - FLOOR (As .31) #5 BARS AT 12" C.C.E.W.

Rim: 554' Rim to Invert: 5.26' Slack: 0.62" Sump: 0.5" Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up ()	Offset
Invert 1										
Invert 2	551.5'	180°	91.106"	4" x 8" Vert. Slot	4" x 8"	Vert. Slot 4"x8"	4" x 8"	4.005"	4.37"	0"
Invert 3	552.95'	45°	22.777"	30" x 6" Weir	30" x 6"	Weir 30"x6"	30" x 6"	32.406"	21.77"	0"
Invert 4	552.95'	135°	68.33"	30" x 6" Weir	30" x 6"	Weir 30"x6"	30" x 6"	32.406"	21.77"	0"
Invert 5	552.95'	225°	113.883"	30" x 6" Weir	30" x 6"	Weir 30"x6"	30" x 6"	32.406"	21.77"	0"
Invert 6	552.95'	315°	159.436"	30" x 6" Weir	30" x 6"	Weir 30"x6"	30" x 6"	32.406"	21.77"	0"
Invert 7										
Invert 8										



RIGHT-SIDE UP VIEW (int. dimensions)

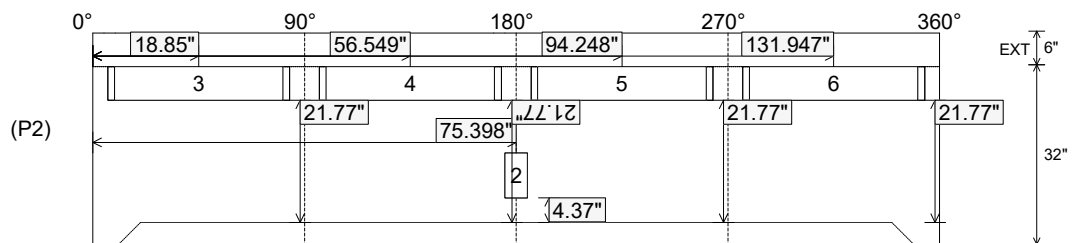


REBAR TAKEOFF (TOP LAYER)

BAR	SIZE	LENGTH	QTY	SHAPE
T1	5	40 in (3'-4")	4 pcs	STR
T2	5	25 in (2'-1")	4 pcs	STR
T3	5	13 in (1'-1")	4 pcs	STR
T4	5	14 in (1'-2")	8 pcs	STR
T5	5	17 in (1'-5")	8 pcs	STR
T6	5	46 in (3'-10")	4 pcs	STR
T7	5	46 in (3'-10")	4 pcs	DIAG

Total Pieces: 36 Pcs
Total Footage: 77.10 LF
Total Weight: 80.41 lbs (0.040 Tons)

INSIDE WALL DIMENSIONS



Coating (Int):
Coating (Ext):

Seam Up: Flat
Seam Dn: Groove

Wall Thickness: 5"
Floor Height: 6"

Height (Int): 32"
Height (Ext): 38"

Weight (Net): 3003 lb
Volume (Net): 0.77cu.yd