

Job Name: 26-1843 - Dutch Bros Coffee
Job Location: Paducah, KY 42003
Contractor: Ainsworth Land Development, LLC

PC: T. Lewis
TECH: Jared - A
Plant: 100



Structure ID: **STR 100 ST-OCS**

Spec: Storm
Type: Outlet Control Structure
Size: 48" x 48"

Rim: 345.6'
Invert: 343.3'
Rim to Invert: 2.3'

Sump: 0"
Floor (Top): 343.3'
Floor Height: 8"

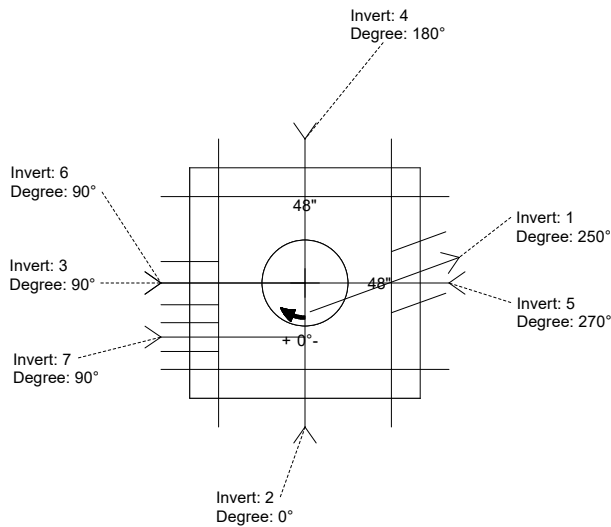
Floor (Bot): 342.633'
Overall Height: 2.917'
Slack: 0.6"

Structure Notes:

1. PER ASTM C-913 SPECIFICATIONS
2. CONCRETE: 4,500 PSI AT 28 DAYS
3. REINFORCEMENT:
 - FLAT LID: #5 BAR @ 6" C.C. E.W. (GRADE 60)
 - BASE: #5 BAR @ 12" C.C. E.W. (GRADE 60)
4. HOE MCS-295-B FRAME & BAR GRATE SUPPLIED BY iCAST - FRAME TO BE CAST INTO FLAT LID FLANGE SIDE UP
5. INVERT 7 OFFSET 15" FROM CENTER OF WALL
6. 1.3" DIA. ORIFICE IN END CAP AT INVERT 7 SUPPLIED BY OTHERS

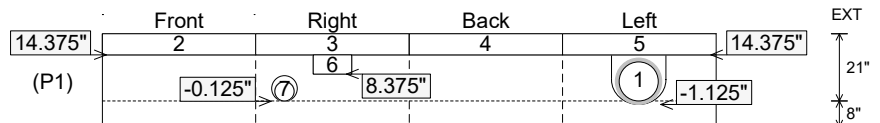
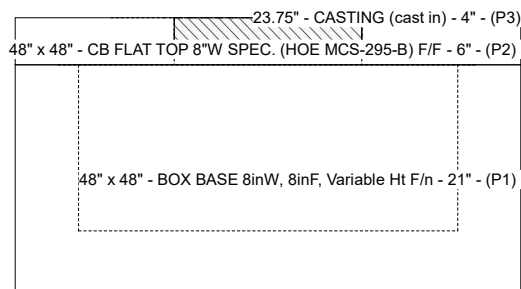
STRUCTURE SUMMARY:

P3) 23.75" - CASTING (cast in) - 4"	0 lb
P2) 48" x 48" - CB FLAT TOP 8"W SPEC. (HOE MCS-295-B) F/F - 6"	1986 lb
P1) 48" x 48" - BOX BASE 8inW, 8inF, Variable Ht F/n - 21"	4953 lb
1) This Structure Includes a Cast-in Item - HOE MCS-295-B Frame (Supplied by iCast)	0 lb
1) CASTING - HOE MCS-295B F/G	123 lb
1) 48" x 48" - Conseal CS-102 1.00"	0 lb
1) DOGHOUSE INVRTD - 16"x15.5"	0 lb
4) Weir n/n - 48"x6.625"	0 lb
1) Weir n/n - 12"x6"	0 lb
1) Hole - 8	0 lb
Structure Total:	7063 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	345.6'							
Reducer								
Invert 1	343.3'	250°	12" HP STORM	14.5"	16" x 15.5"	DOGHOUSE INVRTD 16"x15.5"	-1.125"	P1
Invert 2	344.5'	0°	48" x 6.625" Weir	48" x 6.625"	48" x 6.625"	Weir 48"x6.625"	14.375"	P1
Invert 3	344.5'	90°	48" x 6.625" Weir	48" x 6.625"	48" x 6.625"	Weir 48"x6.625"	14.375"	P1
Invert 4	344.5'	180°	48" x 6.625" Weir	48" x 6.625"	48" x 6.625"	Weir 48"x6.625"	14.375"	P1
Invert 5	344.5'	270°	48" x 6.625" Weir	48" x 6.625"	48" x 6.625"	Weir 48"x6.625"	14.375"	P1
Invert 6	344'	90°	12" x 6" Weir	12" x 6"	12" x 6"	Weir 12"x6"	8.375"	P1
Invert 7	343.3'	90°	6" PVC SDR35	6.25"	8"	Hole 8	-0.125"	P1
Invert 8								

Cast (Int. Dim.) - Interior Dimensions

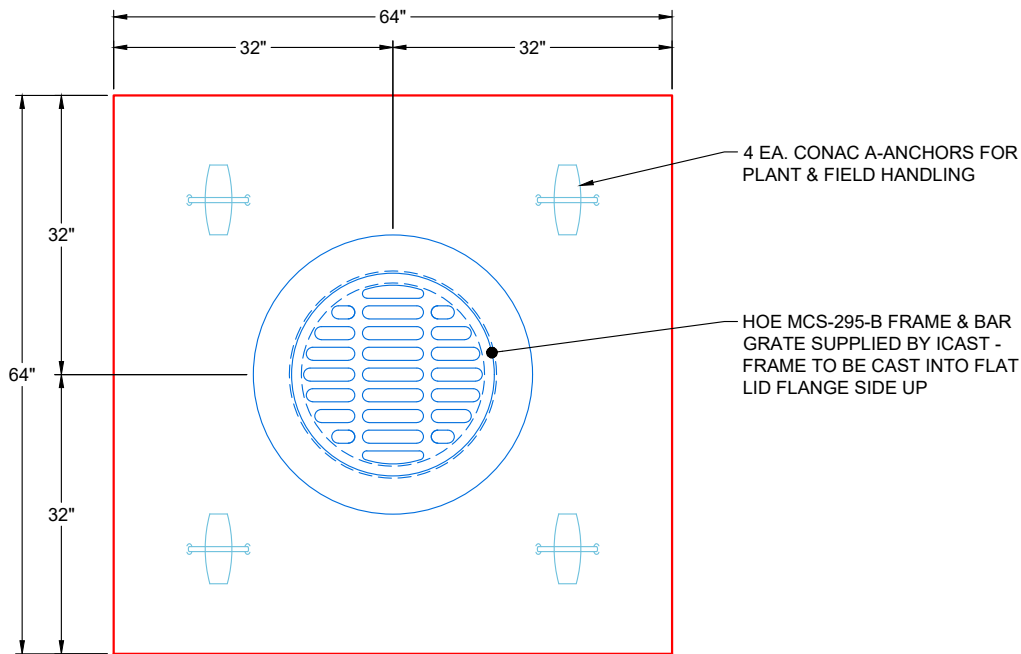


Submittal Drawing
6/24/2026 9:15:05 AM

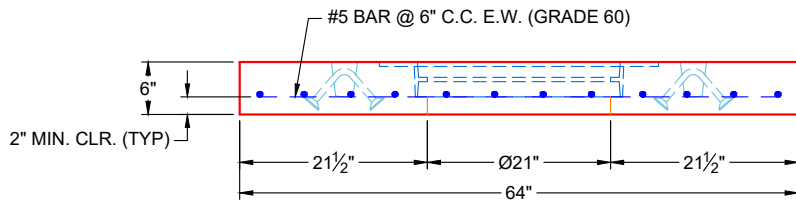
SUBMITTAL
APPROVED BY:

GENERAL NOTES:

1. PER ASTM C-913 SPECIFICATIONS
2. CONCRETE: 4,500 PSI AT 28 DAYS
3. REINFORCING: #5 BAR @ 6" C.C. E.W. (GRADE 60)
4. WEIGHT: 1,986 LBS
5. HOE MCS-295-B FRAME & BAR GRATE SUPPLIED BY ICAST - FRAME TO BE CAST INTO FLAT LID FLANGE SIDE UP



PLAN VIEW



FRONT VIEW

REVISIONS	
REV. <u>0</u> DATE:	NO REVISIONS TO DATE



SUBMITTAL DRAWING: 64" X 64" X 6" FLAT LID SPECIAL		
CUSTOMER: AINSWORTH LAND DEVELOPMENT, LLC		
PROJECT: DUTCH BROS COFFEE		
STRUCTURE: STR 100 ST-OCS		
SALES ORDER NO: 26-1843		
CHECKED BY: B. SMITH	DRAWN BY: K. CARDWELL	
DATE: 06/24/26	SCALE: NTS	PG. 1 OF 1