

Job Name: 26-1109 - Channel Flow & Discharge Project
Job Location: Noblesville, IN
Contractor: Sterling Industrial LLC

PC: E. Bradley

TECH: Jared - A

Plant: 100



Structure ID: Flow Meter Vault (2)

Spec: Vaults

Type: Meter Vault 8inW, 8inF

Size: 36" x 48"

Rim: 9.33'

Invert: 1'

Rim to Invert: 8.33'

Sump: 12"

Floor (Top): 0'

Floor Height: 8"

Floor (Bot): -0.667'

Overall Height: 10'

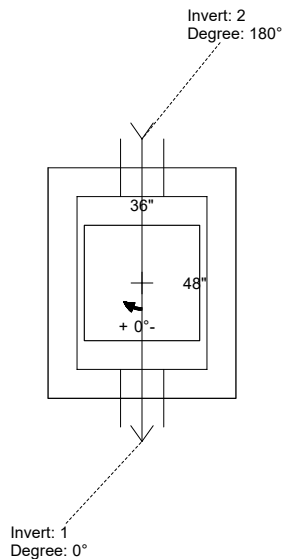
Slack: -0.04"

Structure Notes:

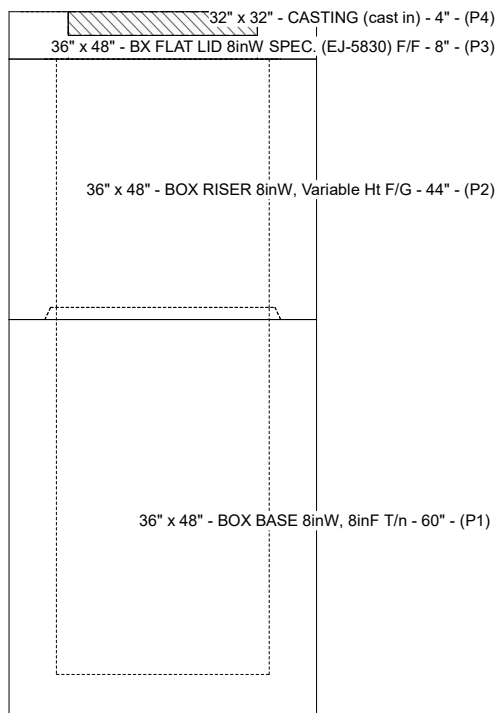
1. PER ASTM C-913 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT:
 - FLAT LID: #5 BAR @ 6" C.C. E.W. (GRADE 60)
 - BASE & RISER: #5 BAR @ 12" C.C. E.W. (GRADE 60)
4. NO STORM INVERT
5. NO STEPS
6. EJ V-5830 CAST-IN FRAME & EJ V-6630 SOLID COVER
SUPPLIED BY ICAST - FRAME TO BE CAST INTO FLAT LID
FLANGE SIDE UP

STRUCTURE SUMMARY:

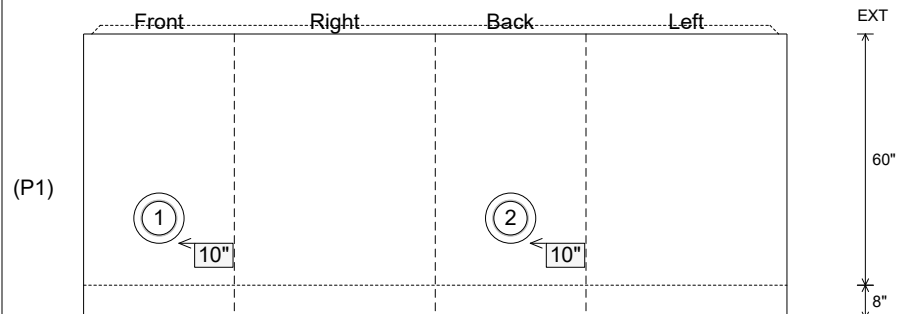
P4) 32" x 32" - CASTING (cast in) - 4"	0 lb
P3) 36" x 48" - BX FLAT LID 8inW SPEC. (EJ-5830) F/F - 8"	1890 lb
P2) 36" x 48" - BOX RISER 8inW, Variable Ht F/G - 44"	5907 lb
P1) 36" x 48" - BOX BASE 8inW, 8inF T/n - 60"	10138 lb
1) This Structure Includes a Cast-in Item - EJ V-5830 Frame Flange Side Up (Supplied by iCast)	0 lb
1) CASTING - EJ V-5830 Cast-In Frame	150 lb
1) CASTING - EJ V-6630 Solid Cover	150 lb
2) 36" x 48" - Conseal CS-102 1.00" (Double)	0 lb
2) Hole - 12	0 lb
Structure Total:	18235 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	9.33'							
Reducer								
Invert 1	1'	0°	8" PVC SCH40	8.625"	12"	Hole 12	10"	P1
Invert 2	1'	180°	8" PVC SCH40	8.625"	12"	Hole 12	10"	P1
Invert 3								
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								

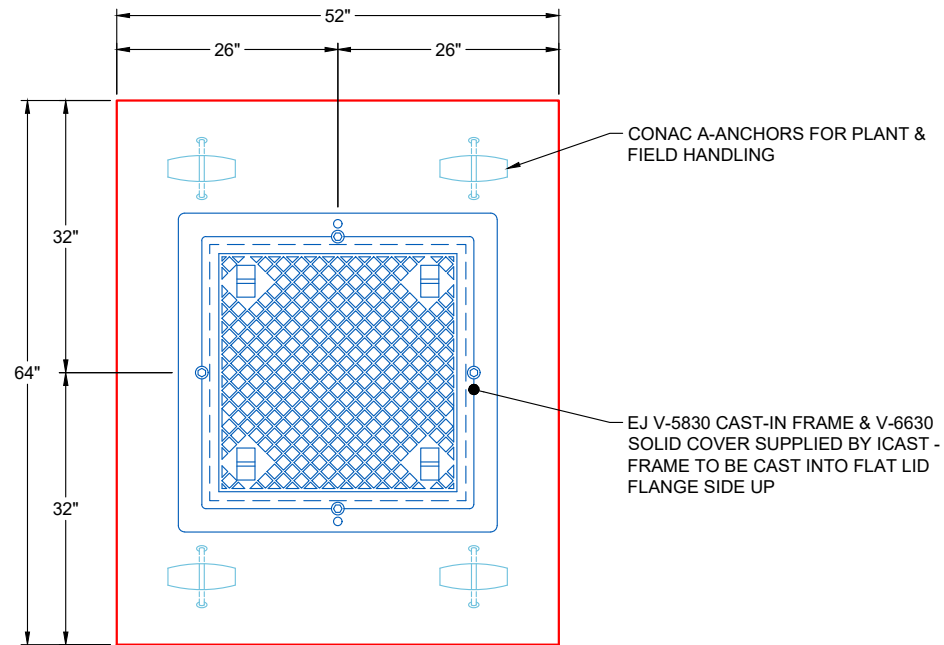


Cast (Int. Dim.) - Interior Dimensions

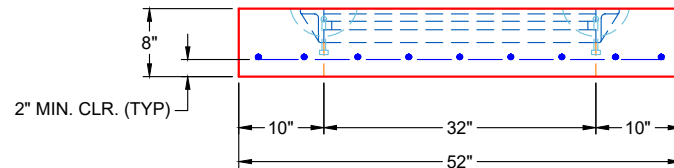


Submittal Drawing
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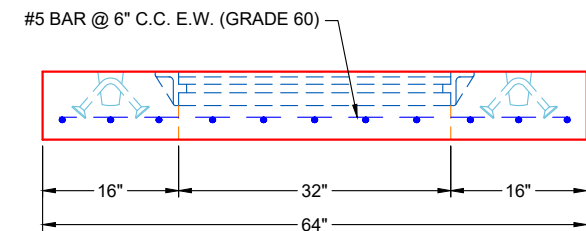
SUBMITTAL
APPROVED BY:



PLAN VIEW



FRONT VIEW



SIDE VIEW

GENERAL NOTES:

1. PER ASTM C-913 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCING: #5 BAR @ 6" C.C. E.W. (GRADE 60)
4. WEIGHT: 1,890 LBS
5. EJ V-5830 CAST-IN FRAME & V-6630 SOLID COVER SUPPLIED BY ICAST - FRAME TO BE CAST INTO FLAT LID FLANGE SIDE UP

REVISION INFORMATION

REV.  DATE: NO REVISIONS TO DATE



SUBMITTAL DRAWING: 52" X 64" X 8" FLAT LID SPECIAL

CUSTOMER: STERLING INDUSTRIAL LLC

PROJECT: CHANNEL FLOW & DISCHARGE PROJECT

STRUCTURE: FLOW METER VAULT (2)

QUOTE/SALES ORDER NO: 26-1109

CHECKED BY: B. SMITH

DRAWN BY: K. CARDWELL

DATE: 05/26/26

SCALE: NTS

PG. 1 OF 1