

Job Name: 26-1394 - TMMI Ryder Lift Station
Job Location: Princeton, IN
Contractor: Koberstein Contracting, Inc.

PC: A. Chambers

TECH: Jared - A

Plant: 100



Structure ID: **5 MV (1)**

Spec: Vaults

Type: Meter Vault

Size: 60"

Rim: 464.81'

Invert: 457.18'

Rim to Invert: 7.63'

Sump: 3.84"

Floor (Top): 456.86'

Floor Height: 8"

Floor (Bot): 456.193'

Overall Height: 8.583'

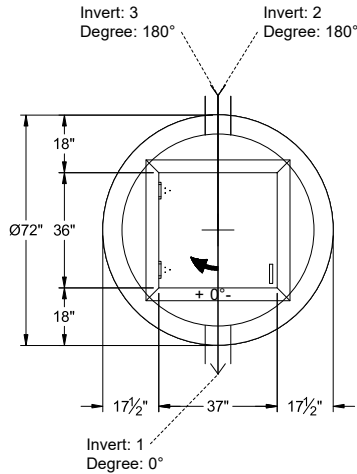
Slack: 0.4"

Structure Notes:

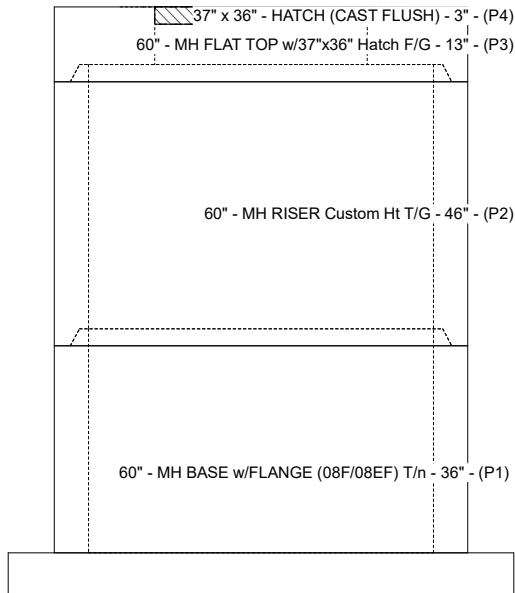
1. PER ASTM C-478 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT:
 - FLAT LID: #5 BAR @ 6" C.C. E.W. (GRADE 60)
 - BASE WALLS & RISER: PER ASTM A615
 - BASE FLOOR: #5 BAR @ 10" C.C. E.W. (GRADE 60)
4. USF FABRICATION 37" X 36" (36" X 36" CLEAR OPENING) HATCH SUPPLIED BY OTHERS - TO BE CAST INTO FLAT LID
5. NO STEPS
6. FLOOR GROUTING BY OTHERS

STRUCTURE SUMMARY:

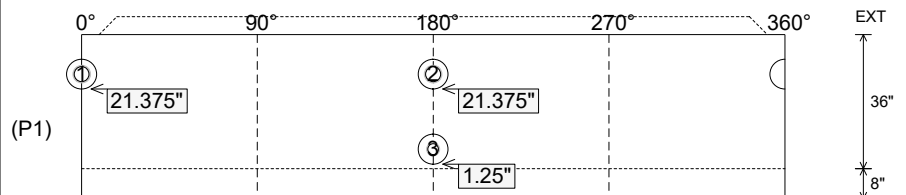
P4) 37" x 36" - HATCH (CAST FLUSH) - 3"	0 lb
P3) 60" - MH FLAT TOP w/37"x36" Hatch F/G - 13"	2305 lb
P2) 60" - MH RISER Custom Ht T/G - 46"	4802 lb
P1) 60" - MH BASE w/FLANGE (08F/08EF) T/n - 36"	7765 lb
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)	0 lb
1) JOINT WRAP - 0.065"x6"x50' CONSEAL CS212	0 lb
1) This Structure Includes a Cast-in Item - 37" x 36" Hatch (Supplied by Others)	0 lb
1) SECONDARY POUR - Extended Base Flange	0 lb
2) 60" - Conseal CS-102 1.00" (Double)	0 lb
3) PSX - 8QRS-S NYLO	20 lb
Structure Total:	14891 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up (L)	Ref
Rim	464.81'							
Reducer								
Invert 1	458.81'	0°	4" DI	4.75"	8"	PSX 8QRS-S NYLO	21.375"	P1
Invert 2	458.81'	180°	4" DI	4.75"	8"	PSX 8QRS-S NYLO	21.375"	P1
Invert 3	457.18'	180°	3" PVC SCH80	3.5"	8"	PSX 8QRS-S NYLO	1.25"	P1
Invert 4								
Invert 5								
Invert 6								
Invert 7								
Invert 8								



Cast (Int. Dim.) - Interior Dimensions



Submittal Drawing
7/16/2026 2:27:55 PM

SUBMITTAL
APPROVED BY: