

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: 4 VV

Spec: Vaults
Type: Valve Vault
Size: 60" x 96"

Rim: 464.5'
Invert: 457.1'
Rim to Invert: 7.4'

Sump: 4.44"
Floor (Top): 456.73'
Floor Height: 8"

Floor (Bot): 456.063'
Overall Height: 8.417'
Slack: 0.24"

Structure Notes:

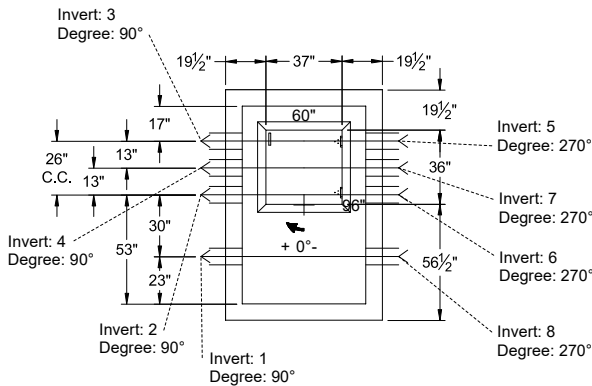
1. PER ASTM C-913 SPECIFICATIONS
2. CONCRETE: 4,000 PSI AT 28 DAYS
3. REINFORCEMENT:
 - FLAT LID: #5 BAR @ 6" C.C. E.W. (GRADE 60)
 - BASE: #5 BAR @ 8" C.C. E.W. (GRADE 60)
4. HALLIDAY 7' FLOOR & CEILING MOUNT LADDER SUPPLIED BY ICAST
5. USF FABRICATION 37" X 36" (36" X 36" CLEAR OPENING) HATCH SUPPLIED BY OTHERS - TO BE CAST INTO FLAT LID
6. FLOOR GROUTING BY OTHERS

STRUCTURE SUMMARY:

- P3) 37" x 36" - HATCH (CAST FLUSH) - 3"
P2) 60" x 96" - BX FLAT LID 8"W w/37"x36" HATCH F/F - 8"
P1) 60" x 96" - BX BASE w/FLANGE 08W/08F/06EF F/n - 85"
1) JOINT WRAP PRIMER - CONSEAL CS-75 (1 gal.)
1) JOINT WRAP - 0.065"x6"x50" CONSEAL CS212
1) This Structure Includes a Cast-in Item - 37" x 36" Hatch (Supplied by Others)
1) SECONDARY POUR
1) LADDER (Alum.) - HALLIDAY L1D 84in Floor-Ceiling Mount Ladder
1) 60" x 96" - Conseal CS-102 1.00" (Double)
8) PSX - 8QRS-S NYLO

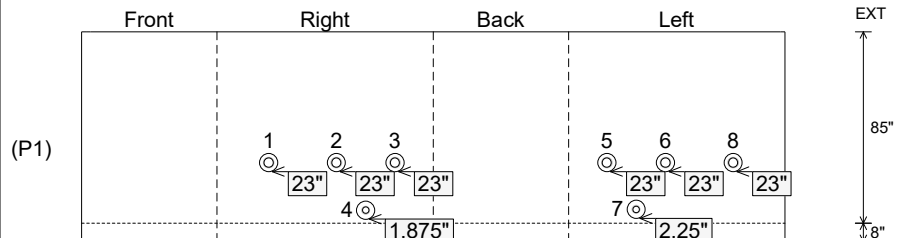
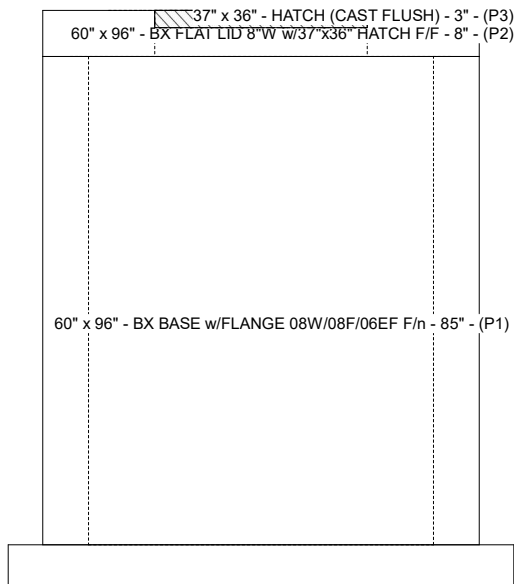
0 lb
4820 lb
26684 lb
0 lb
0 lb
0 lb
0 lb
65 lb
0 lb
52 lb

Structure Total: 31621 lb



Position	Elev	Angle	Pipe	Pipe OD	Hole	Connector	Up ()	Ref
Rim	464.5'							
Reducer								
Invert 1	458.81'	90°	4" DI	4.75"	8"	PSX 8QRS-S NYLO	23"	P1
Invert 2	458.81'	90°	4" DI	4.75"	8"	PSX 8QRS-S NYLO	23"	P1
Invert 3	458.81'	90°	4" DI	4.75"	8"	PSX 8QRS-S NYLO	23"	P1
Invert 4	457.1'	90°	3" PVC SCH80	3.5"	8"	PSX 8QRS-S NYLO	1.875"	P1
Invert 5	458.81'	270°	4" DI	4.75"	8"	PSX 8QRS-S NYLO	23"	P1
Invert 6	458.81'	270°	4" DI	4.75"	8"	PSX 8QRS-S NYLO	23"	P1
Invert 7	457.13'	270°	3" PVC SCH80	3.5"	8"	PSX 8QRS-S NYLO	2.25"	P1
Invert 8	458.81'	270°	4" DI	4.75"	8"	PSX 8QRS-S NYLO	23"	P1

Cast (Int. Dim.) - Interior Dimensions



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

SUBMITTAL
APPROVED BY: