

Job Name: 26-1394 - TMMI Ryder Lift Station

Job Location: Princeton, IN

Contractor: Koberstein Contracting, Inc.

Plant: 100

7/16/2026 2:28:13 PM

Tech: Jared - A

PC: A. Chambers



Structure ID: 5 MV (1)

P1 MH060BAEVF

MH BASE w/FLANGE (08F/08EF) T/n

P4) 37" x 36" - HATCH (CAST FLUSH) - 3"

P3) 60" - MH FLAT TOP w/37"x36" Hatch F/G - 13"

P2) 60" - MH RISER Custom Ht T/G - 46"

P1) 60" - MH BASE w/FLANGE (08F/08EF) T/n - 36"

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 - Extended Base Flange

2) 60" - Conseal CS-102 1.00" (Double)

3) PSX - 8QRS-S NYLO

0 lb

2305 lb

4802 lb

7765 lb

0 lb

0 lb

0 lb

0 lb

0 lb

20 lb

Structure Total: 14891 lb

Structure Notes:

1. PER ASTM C-478 SPECIFICATIONS

2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT - 2" MIN. REBAR CLEARANCE (TYP):

- WALLS: PER ASTM A615

- FLOOR: #5 BAR @ 10" C.C. E.W. (GRADE 60)

4. NO STEPS

5. FLOOR GROUTING BY OTHERS

6. LIFTERS: 4 EA. 5CA14 CONAC A-ANCHORS FOR PLANT & FIELD HANDLING - INSTALLED AT 45°, 135°, 225°, & 315°, MIN. 12" FROM TOP OF WALLS

FIRST POUR (BASE): 6,415 LBS

SECOND POUR (8" EXT. FLANGE): 1,350 LBS

Rim: 464.81'

Rim to Invert: 7.63'

Slack: 0.4"

Sump: 3.84"

Step Position:

Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (⌋)	Offset
Invert 1	458.81'	0°	0"	4" DI	4.75"	PSX 8QRS-S NYLO	8"	8.024"	21.375"	0"
Invert 2	458.81'	180°	113.125"	4" DI	4.75"	PSX 8QRS-S NYLO	8"	8.024"	21.375"	0"
Invert 3	457.18'	180°	113.125"	3" PVC SCH80	3.5"	PSX 8QRS-S NYLO	8"	8.024"	1.25"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 3
Degree: 180°
Horz: 94.25"
Hole: 8"
Up(⌋): 1.25"

Invert: 2
Degree: 180°
Horz: 94.25"
Hole: 8"
Up(⌋): 21.375"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 8"
Up(⌋): 21.375"

+ 0°-

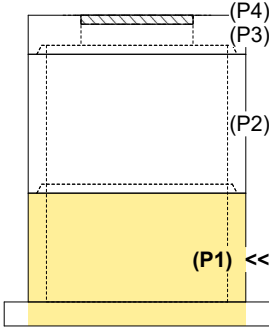
UPSIDE-DOWN VIEW (int. dimensions)

Invert: 3
Degree: 180°
Horz: 94.25"
Hole: 8"
Up(⌋): 1.25"

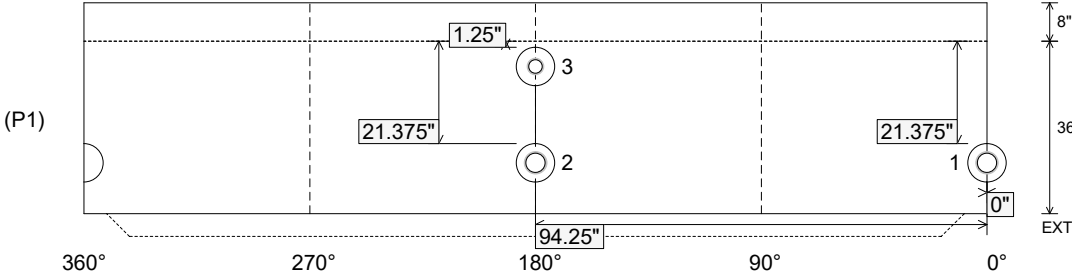
Invert: 2
Degree: 180°
Horz: 94.25"
Hole: 8"
Up(⌋): 21.375"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 8"
Up(⌋): 21.375"

- 0°+



INSIDE WALL DIMENSIONS



Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 8"

Height (Int): 36"

Height (Ext): 44"

Weight (Net): 7765 lb

Volume (Net): 1.98cu.yd

Job Name: 26-1394 - TMMI Ryder Lift Station

Job Location: Princeton, IN

Contractor: Koberstein Contracting, Inc.

Plant: 100

7/16/2026 2:28:13 PM

Tech: Jared - A

PC: A. Chambers



Structure ID: 5 MV (1)

P1 MH060BAEVF

MH BASE w/FLANGE (08F/08EF) T/n

P4) 37" x 36" - HATCH (CAST FLUSH) - 3"

P3) 60" - MH FLAT TOP w/37"x36" Hatch F/G - 13"

P2) 60" - MH RISER Custom Ht T/G - 46"

P1) 60" - MH BASE w/FLANGE (08F/08EF) T/n - 36"

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 - Extended Base Flange

2) 60" - Conseal CS-102 1.00" (Double)

3) PSX - 8QRS-S NYLO

0 lb

2305 lb

4802 lb

7765 lb

0 lb

0 lb

0 lb

0 lb

0 lb

20 lb

Structure Total: 14891 lb

Structure Notes:

1. PER ASTM C-478 SPECIFICATIONS

2. CONCRETE: 4,000 PSI AT 28 DAYS

3. REINFORCEMENT: DRILL & DOWEL #5 BAR @ 8" C.C. E.W. (GRADE 60) OUT OF BASE FLOOR FOR EXT. FLANGE POUR TIE-IN - 4" MIN. PENETRATION INTO BASE FLOOR & 2" MIN. REBAR CLEARANCE FROM TOP OF FLOOR (TYP)

FIRST POUR (BASE): 6,415 LBS

SECOND POUR (8" EXT. FLANGE): 1,350 LBS

Rim: 464.81'

Rim to Invert: 7.63'

Slack: 0.4"

Sump: 3.84"

Step Position:

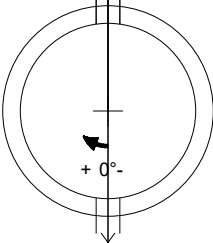
Position	Elev	Angle	Ext. (cw)	Pipe	Pipe OD	Connector	Hole	Horz Size	Up (⌋)	Offset
Invert 1	458.81'	0°	0"	4" DI	4.75"	PSX 8QRS-S NYLO	8"	8.024"	21.375"	0"
Invert 2	458.81'	180°	113.125"	4" DI	4.75"	PSX 8QRS-S NYLO	8"	8.024"	21.375"	0"
Invert 3	457.18'	180°	113.125"	3" PVC SCH80	3.5"	PSX 8QRS-S NYLO	8"	8.024"	1.25"	0"
Invert 4										
Invert 5										
Invert 6										
Invert 7										
Invert 8										

RIGHT-SIDE UP VIEW (int. dimensions)

Invert: 3
Degree: 180°
Horz: 94.25"
Hole: 8"
Up(⌋): 1.25"

Invert: 2
Degree: 180°
Horz: 94.25"
Hole: 8"
Up(⌋): 21.375"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 8"
Up(⌋): 21.375"

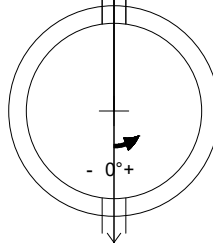


UPSIDE-DOWN VIEW (int. dimensions)

Invert: 3
Degree: 180°
Horz: 94.25"
Hole: 8"
Up(⌋): 1.25"

Invert: 2
Degree: 180°
Horz: 94.25"
Hole: 8"
Up(⌋): 21.375"

Invert: 1
Degree: 0°
Horz: 0"
Hole: 8"
Up(⌋): 21.375"



(P4)

(P3)

(P2)

(P1) <<

8"

8"

DRILL & DOWEL #5 BAR @ 8" C.C. E.W. (GRADE 60) FOR FLANGE POUR TIE-IN - MIN. 4" PENETRATION INTO BASE FLOOR & 2" MIN. REBAR CLEARANCE FROM TOP OF FLOOR (TYP)

INSIDE WALL DIMENSIONS

(P1)

360°

270°

180°

90°

0°

1.25"

21.375"

94.25"

21.375"

0"

3

2

1

8"

36"

EXT

Coating (Int):

Coating (Ext):

Seam Up: Tongue

Seam Dn: n/a

Wall Thickness: 6"

Floor Height: 8"

Height (Int): 36"

Height (Ext): 44"

Weight (Net): 7765 lb

Volume (Net): 1.98cu.yd