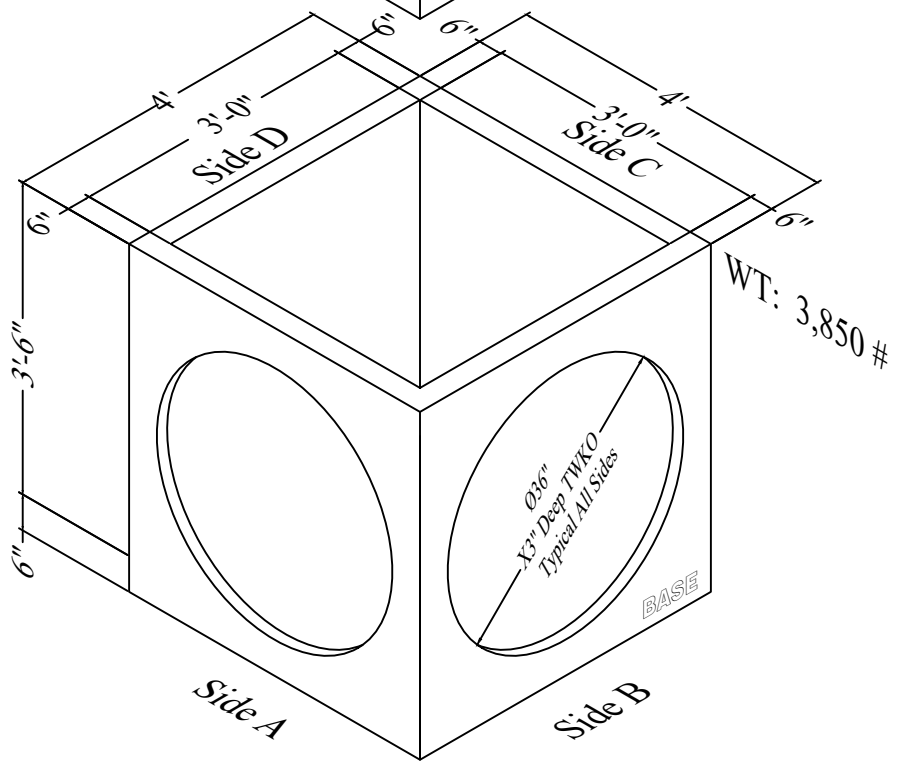
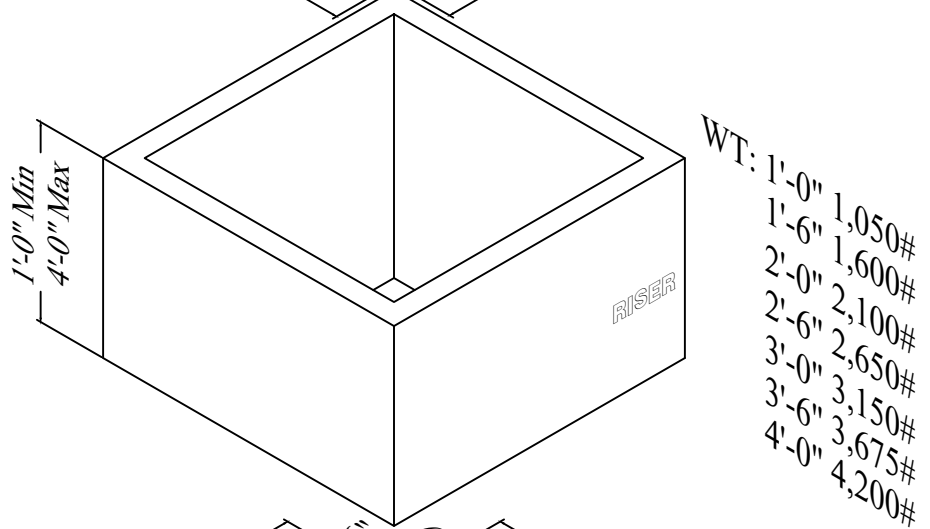
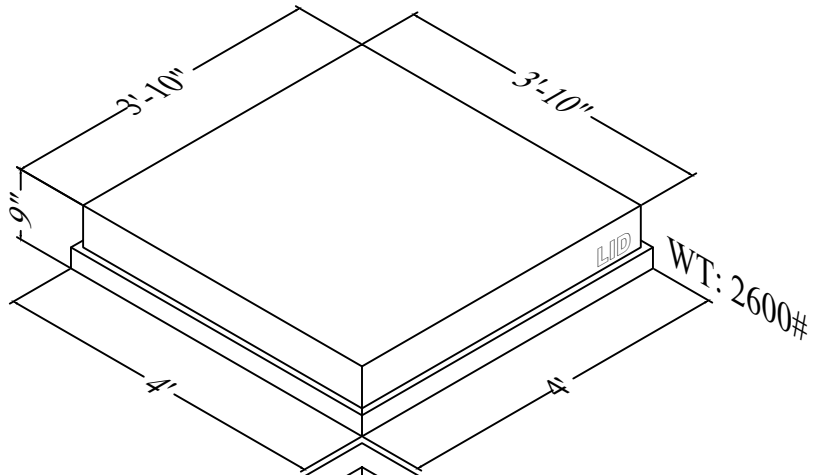


A B C D



Notes:

- Concrete: Design Strength 5,000 PSI @ 28 Days Class H
- Reinforcement: ASTM A-615, Grade 60 or ASTM A-1064 Welded Wire Fabric
- HL93 Loading
- Product Tolerances are in Accordance With ASTM C913, Section 7
- Rebar Overlap: #4 - 39 1/4"
#5 - 47"
#6 - 55"
- Designed Per ASTM C913.
- Maximum Depth to Base Slab = 25'-0"
- Meets TXDOT Type PB & PDD Dated Feb 2020 Design Specs



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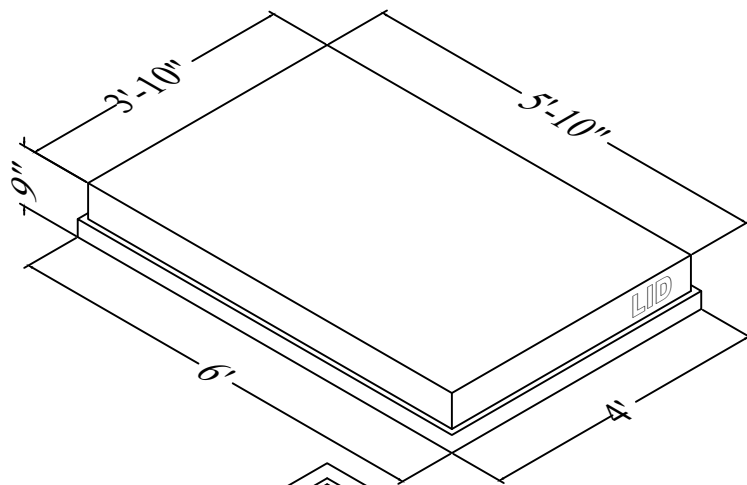
DRAWN BY: TSH	JOB NO:	DATE: 02/11/25	WEIGHT:	Revision Number R0	Sheet 1 of 1
PRODUCT 3'-0" X 3'-0" TXDOT Submittal			JOB NAME		

A

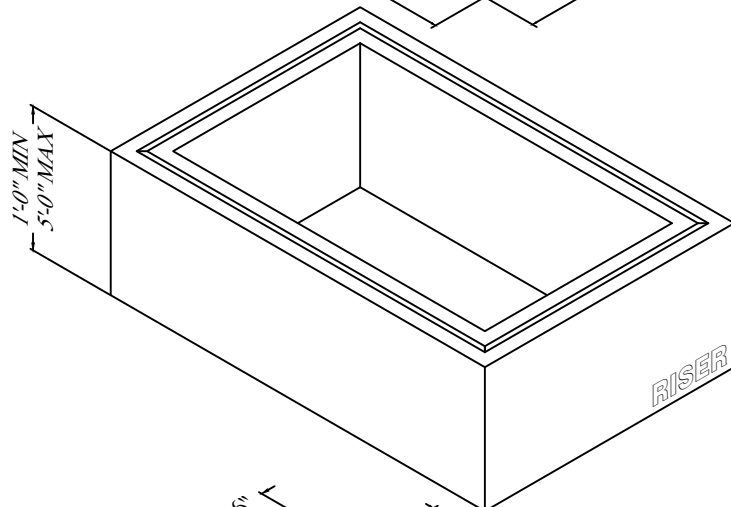
B

C

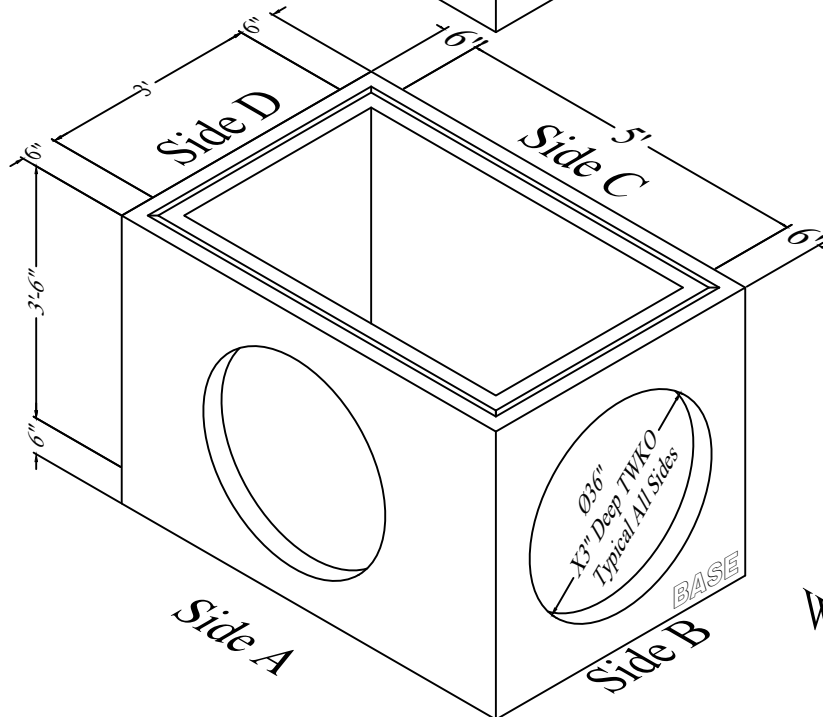
D



WT: 3,050#



WT: 1'-0" 1,350#
 1'-6" 2,025#
 2'-0" 2,700#
 2'-6" 3,375#
 3'-0" 4,050#
 3'-6" 4,725#
 4'-0" 5,400#
 4'-6" 6,075#
 5'-0" 6,750#



WT: 5,465#

Notes:

- Concrete: Design Strength 5,000 PSI @ 28 Days Class H
- Reinforcement: ASTM A-615, Grade 60 or ASTM A-1064 Welded Wire Fabric
- HL93 Loading
- Product Tolerances are in Accordance With ASTM C913, Section 7
- Rebar Overlap: #4 - 39 $\frac{1}{4}$ "
#5 - 47"
#6 - 55"
- Designed Per ASTM C913.
- Maximum Depth to Base Slab = 25'-0"
- Meets TXDOT Type PB & PDD Dated Feb 2020 Design Specs



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JOB NO:

DATE:

04/25/25

WEIGHT:

Revision Number

R0

Sheet 1 of 1

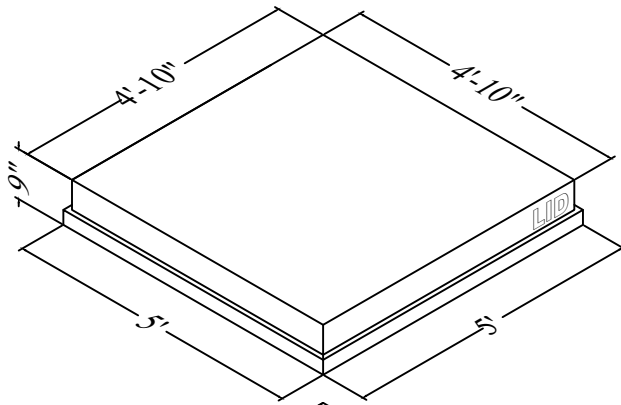
PRODUCT

3'-0" X 5'-0" TXDOT PJB
 Submittal

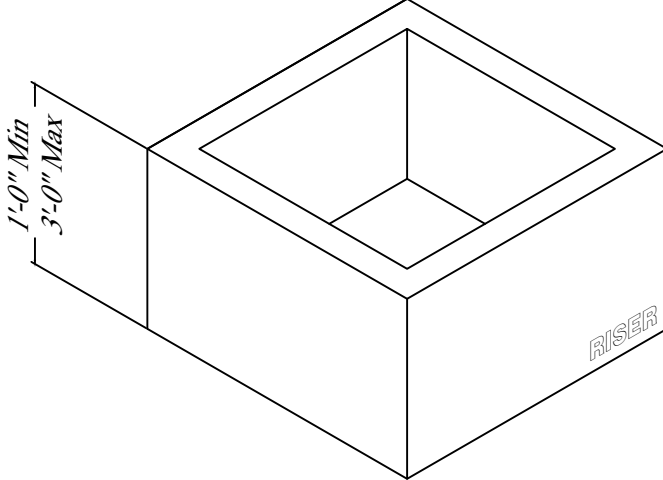
JOB NAME

Reference Supplemental Drawings:

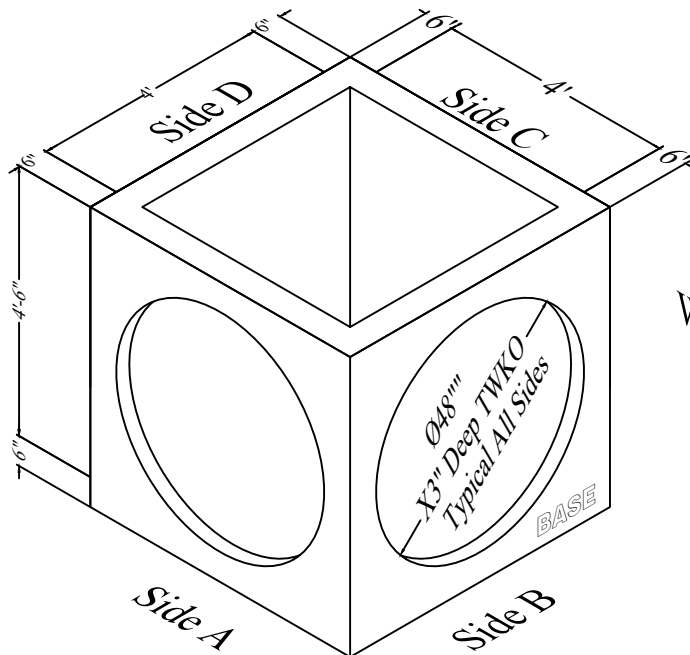
- If Ring & Cover or Frame @ Grate is required



WT: 3,800#



WT: 1'-0" 1,350#
1'-6" 2,025#
2'-0" 2,700#
2'-6" 3,375#
3'-0" 4,050#



WT: 6,070#

Notes:

- Concrete: Design Strength 5,000 PSI @ 28 Days Class H
- Reinforcement: ASTM A-615, Grade 60 or ASTM A-1064 Welded Wire Fabric
- HL93 Loading
- Product Tolerances are in Accordance With ASTM C913, Section 7
- Rebar Overlap: #4 - 39 1/4"
#5 - 47"
#6 - 55"
- Designed Per ASTM C913.
- Maximum Depth to Base Slab = 25'-0"
- Meets TXDOT Type PJB & PDD Dated Feb 2020 Design Specs



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JOB NO:

DATE:

04/25/25

WEIGHT:

Varies

Revision Number

R0

Sheet 1 of 1

PRODUCT

4'-0" X 4'-0"
Precast Junction Box (PJB)

JOB NAME

A

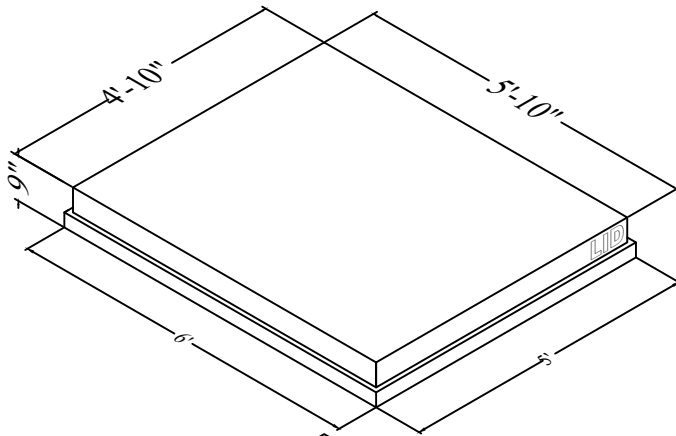
B

C

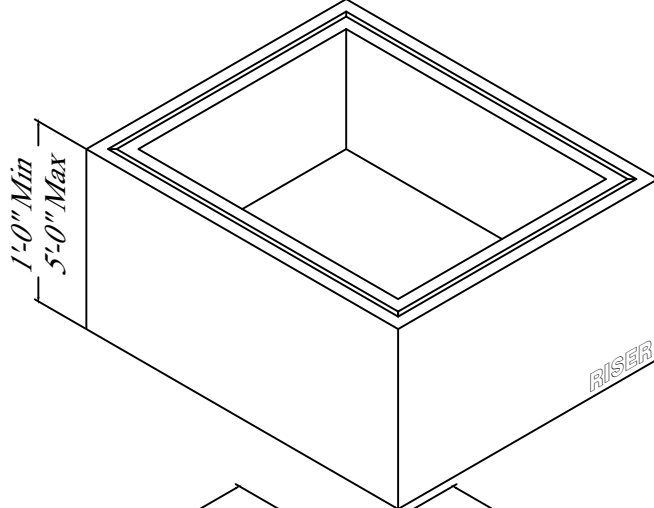
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Reference Supplemental Drawings:

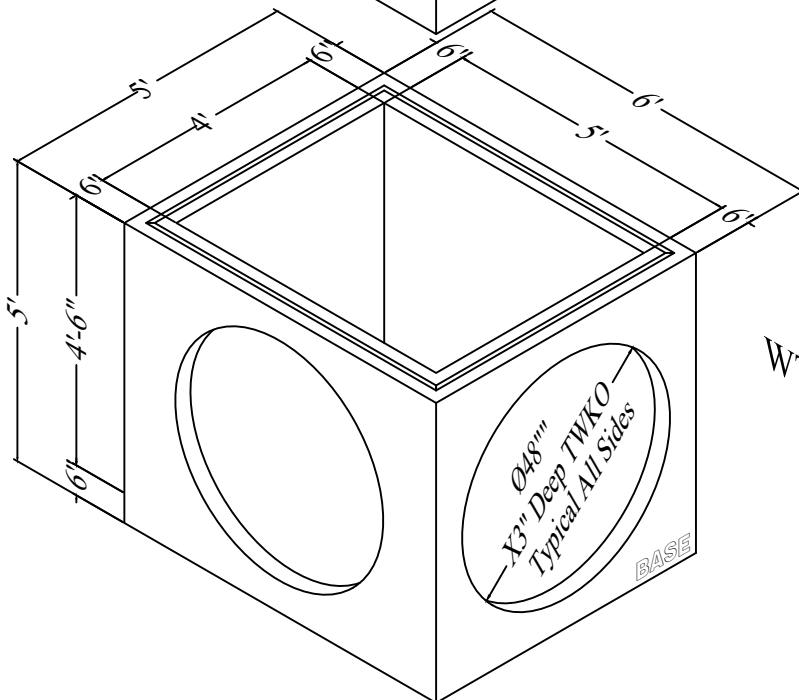
- If Ring & Cover or Frame @ Grate is required



WT: 3,800#



WT: 1'-0" 1,500#
 1'-6" 2,250#
 2'-0" 3,000#
 2'-6" 3,750#
 3'-0" 4,500#
 3'-6" 5,250#
 4'-0" 6,000#
 4'-6" 6,750#
 5'-0" 7,500#



WT: 7,120#

Notes:

- Concrete: Design Strength 5,000 PSI @ 28 Days Class H
- Reinforcement: ASTM A-615, Grade 60 or ASTM A-1064 Welded Wire Fabric
- HL93 Loading
- Product Tolerances are in Accordance With ASTM C913, Section 7
- Rebar Overlap: #4 - 39 1/4"
#5 - 47"
#6 - 55"
- Designed Per ASTM C913.
- Maximum Depth to Base Slab = 25'-0"
- Meets TXDOT Type PJB & PDD Dated Feb 2020 Design Specs



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JOB NO:

DATE:

04/25/25

WEIGHT:

Revision Number

R0

Sheet 1 of 1

PRODUCT

4'-0" X 5'-0" TXDOT
 Junction Box Submittal

JOB NAME

A

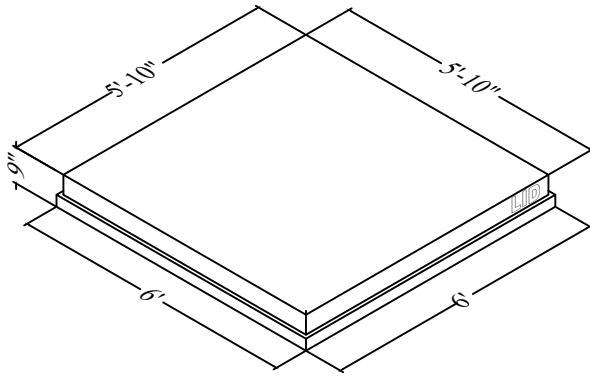
B

C

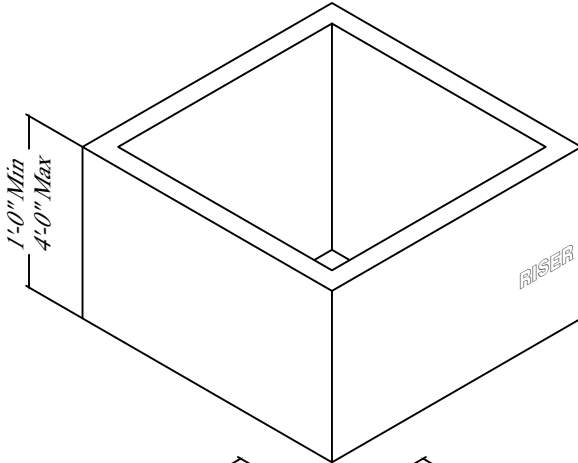
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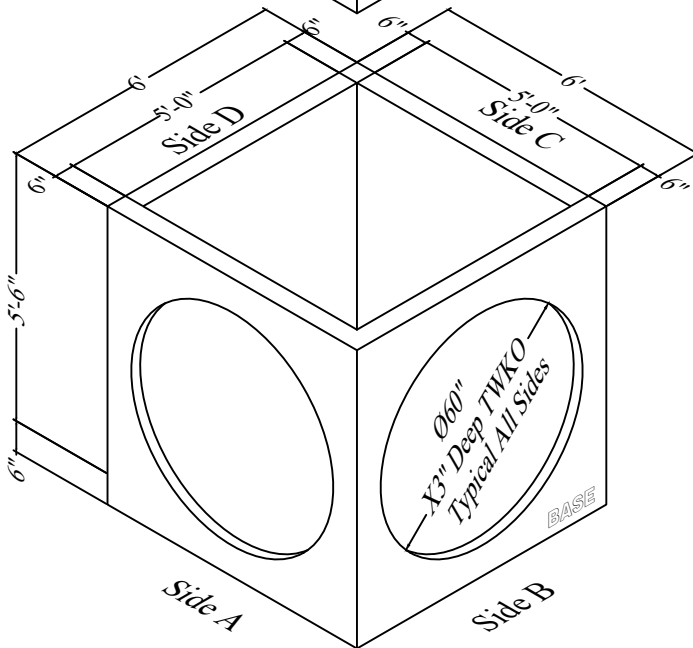
- If Ring & Cover or Frame @ Grate is required



WT: 4,550#



WT: 1'-0" 1,650#
 1'-6" 2,475#
 2'-0" 3,300#
 2'-6" 4,125#
 3'-0" 4,950#
 3'-6" 5,775#
 4'-0" 6,600#
 4'-6" 7,425#
 5'-0" 8,250#



WT: 8,830#

Notes:

- Concrete: Design Strength 5,000 PSI @ 28 Days Class H
- Reinforcement: ASTM A-615, Grade 60 or ASTM A-1064 Welded Wire Fabric
- HL93 Loading
- Product Tolerances are in Accordance With ASTM C913, Section 7
- Rebar Overlap: #4 - 39 1/4"
#5 - 47"
#6 - 55"
- Designed Per ASTM C913.
- Maximum Depth to Base Slab = 25'-0"
- Meets TXDOT Type PJB & PBB Dated Feb 2020 Design Specs



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JOB NO:

DATE:

04/25/25

WEIGHT:

Varies

Revision Number

R0

Sheet 1 of 1

PRODUCT

5'-0" X 5'-0" TXDOT PJB
 Precast Junction Box Submittal

JOB NAME

A

B

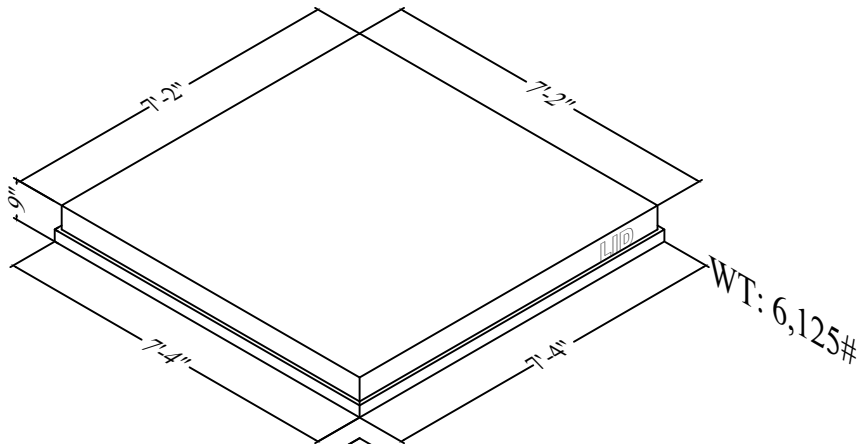
C

D

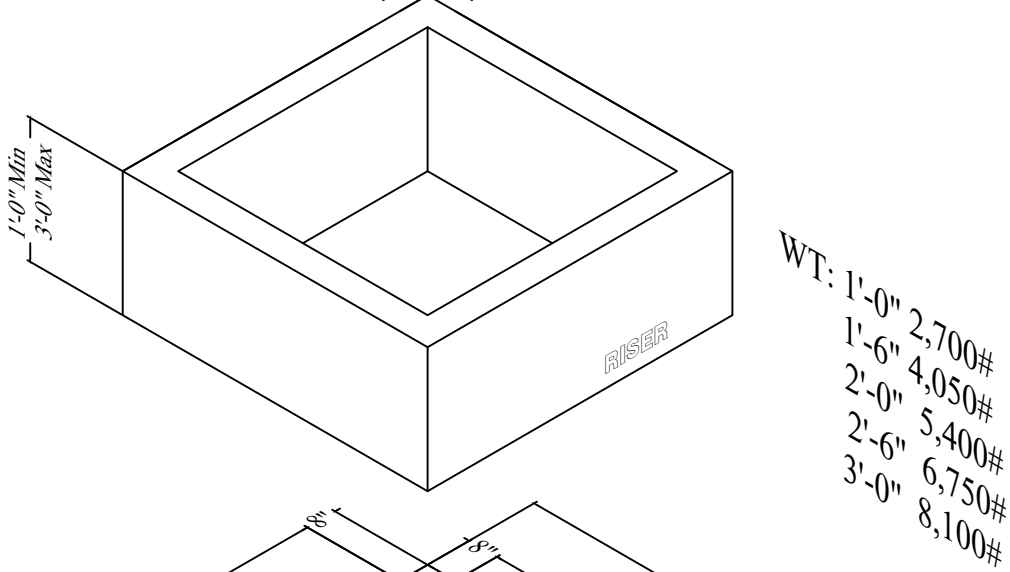
Reference Supplemental Drawings:

- If Ring & Cover or Frame @ Grate is required

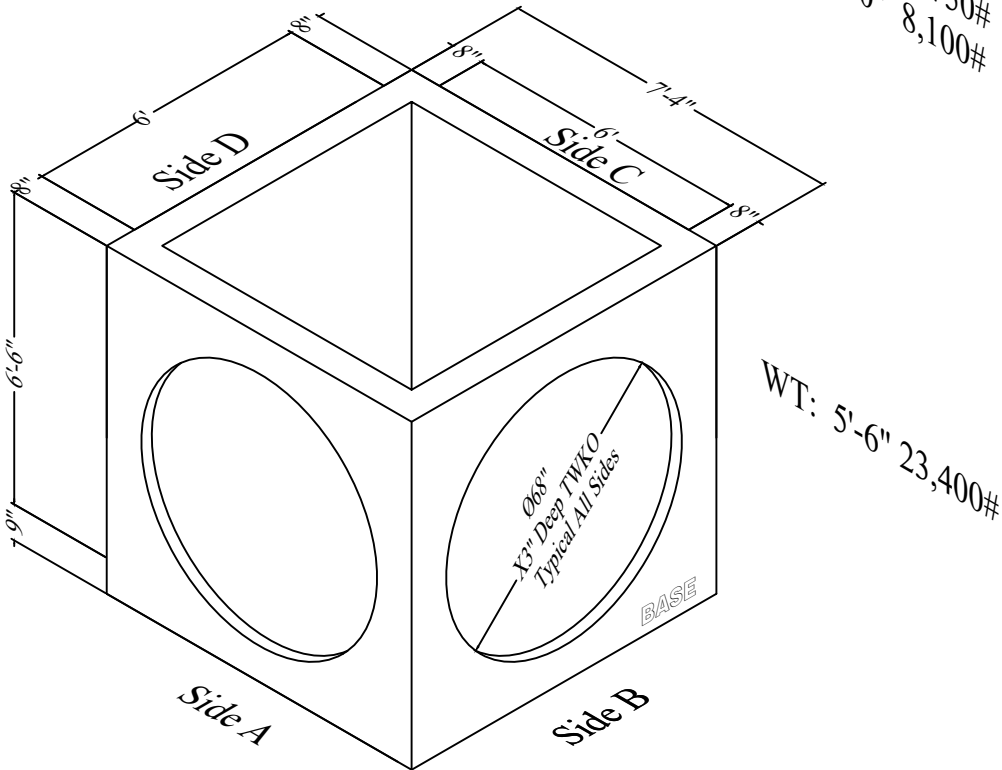
1



2



3



4

Notes:

1. Concrete: Design Strength 5,000 PSI @ 28 Days Class H
2. Reinforcement: ASTM A-615, Grade 60 or ASTM A-1064 Welded Wire Fabric
3. HL93 Loading
4. Product Tolerances are in Accordance With ASTM C913, Section 7
5. Rebar Overlap: #4 - 39 1/4"
#5 - 47"
#6 - 55"
6. Designed Per ASTM C913.
7. Maximum Depth to Base Slab = 25'-0"



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TSH

JOB NO:

DATE:

10/09/24

WEIGHT:

Varies

Revision Number

R0

Sheet 1 of 1

PRODUCT

6'-0" X 6'-0"
Precast Junction Box (PJB)

JOB NAME

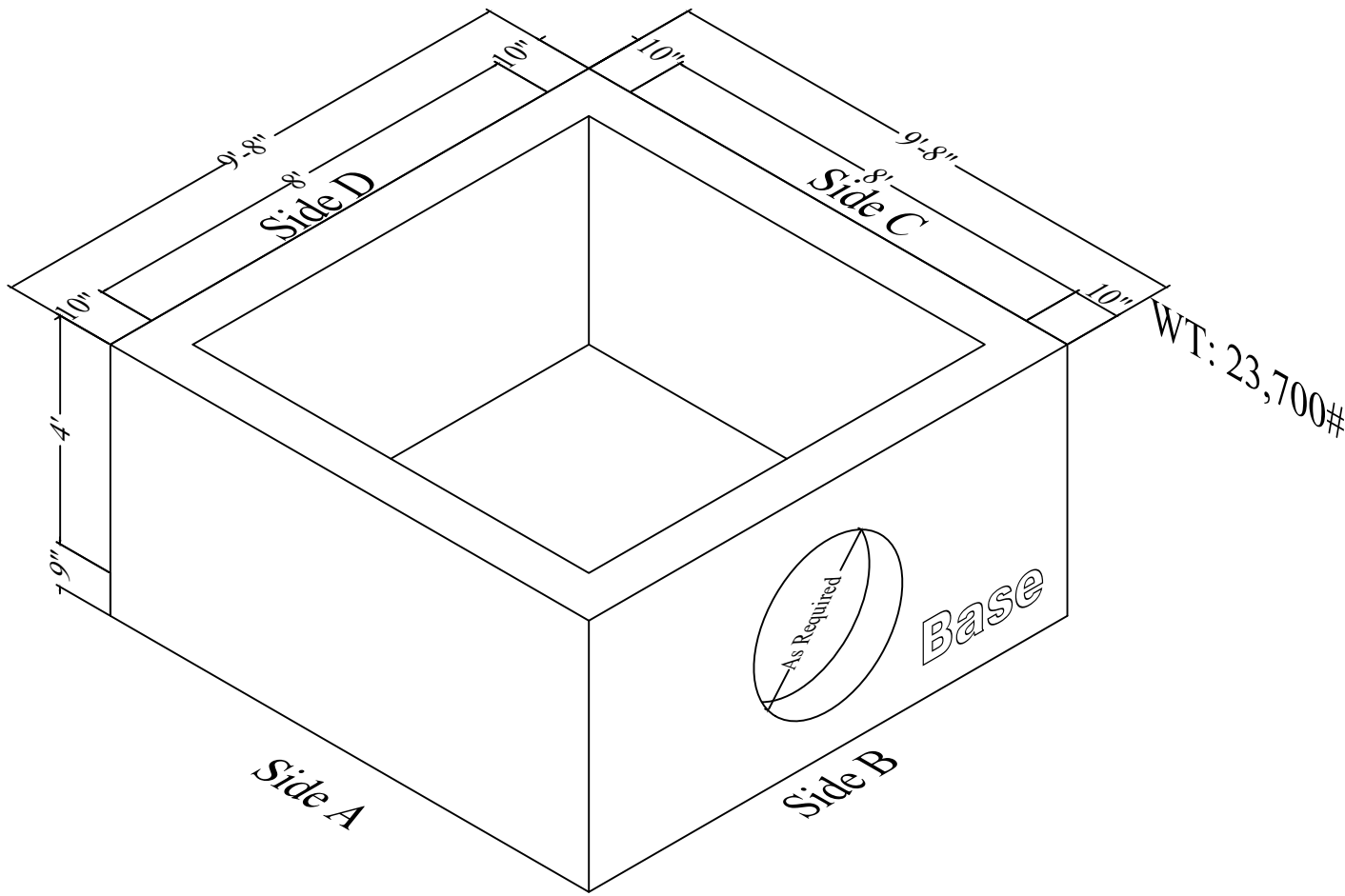
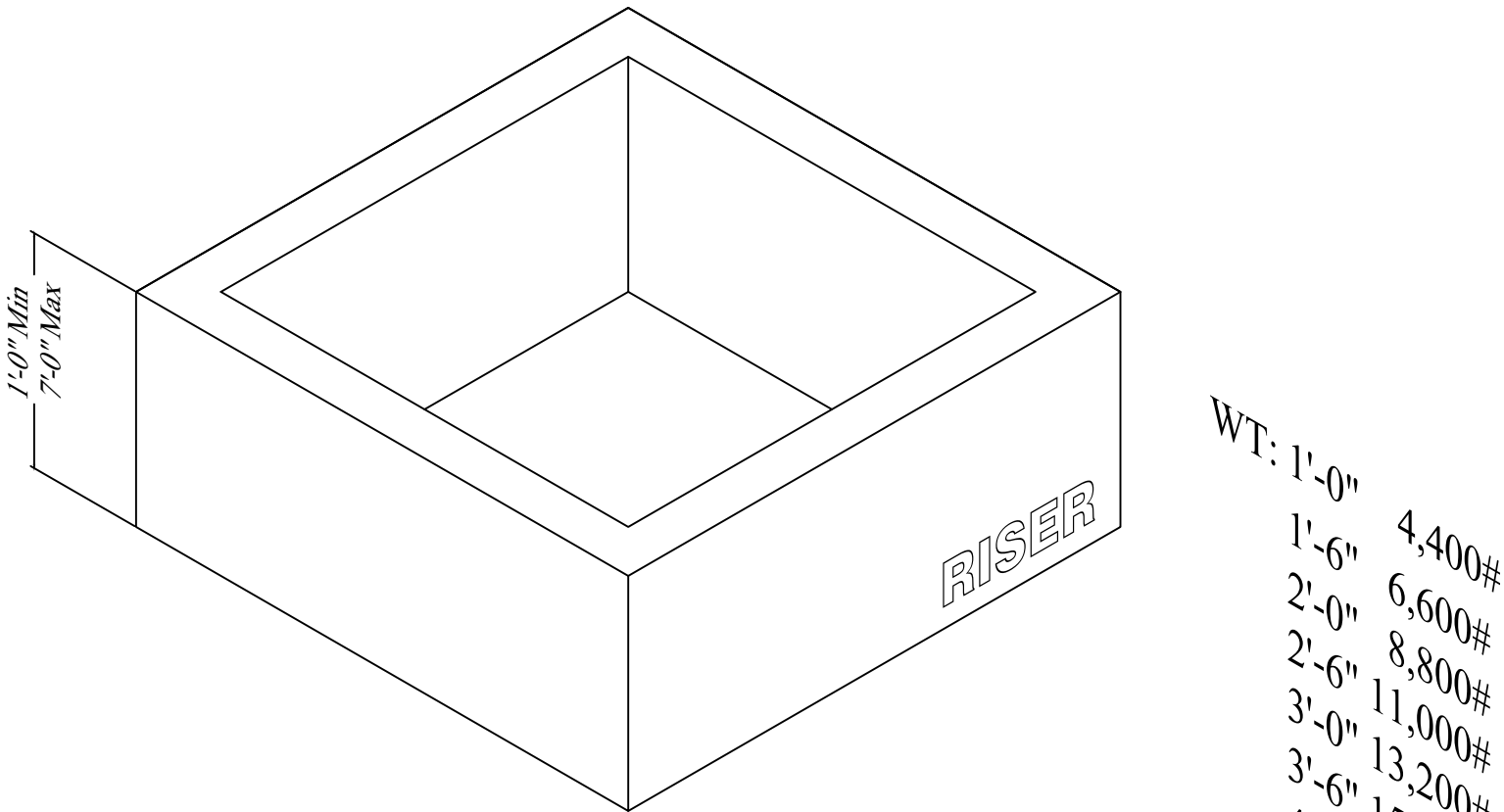
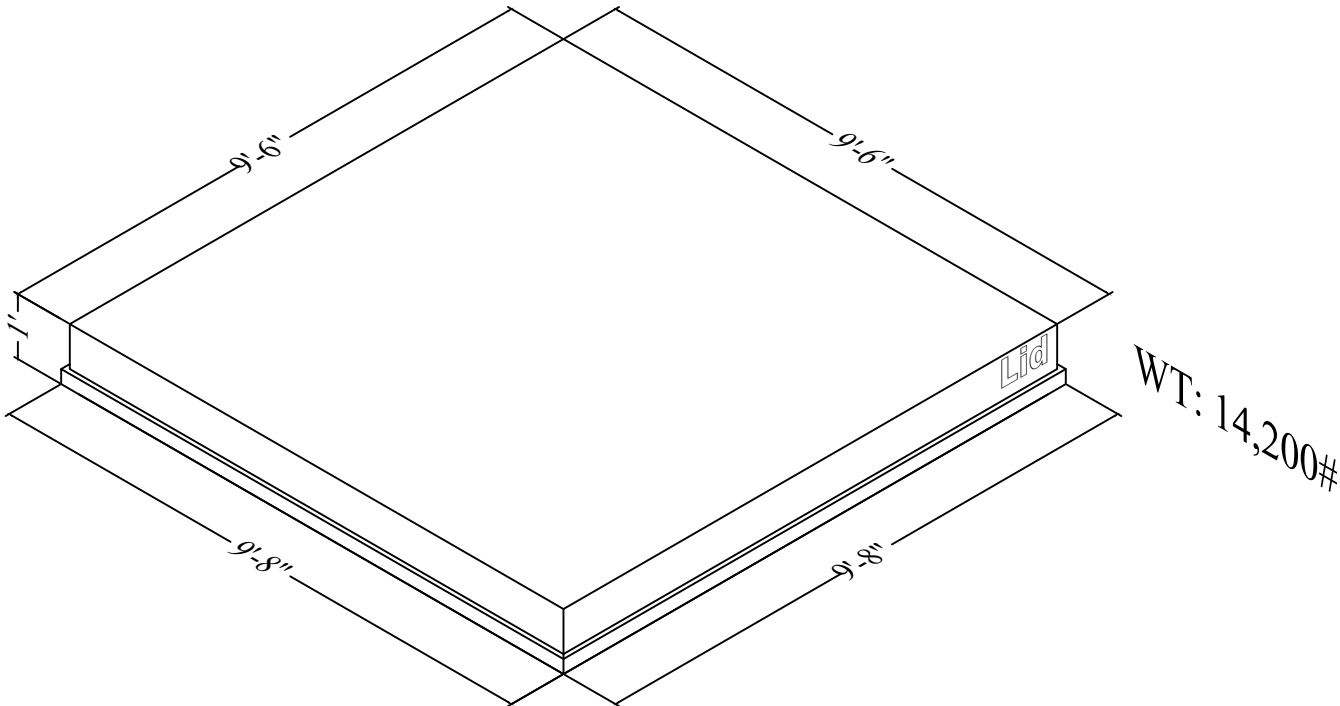
A

B

C

D

- Reference Supplemental Drawings:
- If Ring & Cover or Frame @ Grate is required



- Notes:
- Concrete: Design Strength 5,000 PSI @ 28 Days Class H
 - Reinforcement: ASTM A-615, Grade 60 or ASTM A-1064 Welded Wire Fabric
 - HL93 Loading
 - Product Tolerances are in Accordance With ASTM C913, Section 7
 - Rebar Overlap: #4 - 39 ¹/₄"
#5 - 47"
#6 - 55"
 - Designed Per ASTM C913.
 - Maximum Depth to Base Slab = 25'-0"
 - Meets TXDOT Type PJB & PDD Dated Feb 2020 Design Specs



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DRAWN BY: TSH	JOB NO:	DATE: 10/10/24	WEIGHT: *Varies*	Revision Number R0	Sheet 1 of 1
PRODUCT 8'-0" X 8'-0" Precast Junction Box (PJB)			JOB NAME		

Technical drawing of a manhole structure showing dimensions and construction details. The structure is a vertical cylinder with a flat top and a sloped bottom. The top section is a concrete slab with a width of 8" and a thickness of 3 1/2". The main body of the manhole is 4'-0" in diameter. The bottom section is a concrete base with a width of 6" and a thickness of 8". The bottom section is labeled "1" Per Foot" with an arrow pointing to the sloped bottom. The drawing includes a cross-section view of the manhole structure, showing the internal and external walls, the top slab, and the bottom base. The drawing is labeled with dimensions in feet and inches, and includes a note "1" Per Foot" with an arrow pointing to the sloped bottom. The drawing is a technical drawing of a manhole structure, showing the internal and external walls, the top slab, and the bottom base. The drawing is labeled with dimensions in feet and inches, and includes a note "1" Per Foot" with an arrow pointing to the sloped bottom.

Diagram illustrating a wall cross-section with a circular opening. The wall thickness is specified as 1'-6" Minimum to 3'-0" Max. The opening is 8" high. The wall is made of concrete with aggregate. The opening is labeled "Opening As Required Centered Or Offset". A note indicates "1" Per Foot" for the wall thickness.

48" Manhole - Flat Top Illustration

1. Water Tight Gaskets At All Pipe Connections
2. Average Weight of 24" Depth Base
 W/ 8" Inverting = 5000#
 - Riser Weight = 800#/VTF
3. Manufactured to Your Specifications
4. Invert Depth Shall be Equal To The
 Largest Pipe Diameter
5. Manufactured to Meet or Exceed ASTM C478
6. Tested to Meet or Exceed ASTM C497
7. Concrete- 5000 PSI @ 28 Days
8. Inside Height = 30'-0" MAX
9. 0'-0" - 2'-0" Soil Cover Over Top Slab
10. Rated For HL93 & HS-20 Loading



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DRAWN BY:	RAP
PRODUCT	

JOB NO:

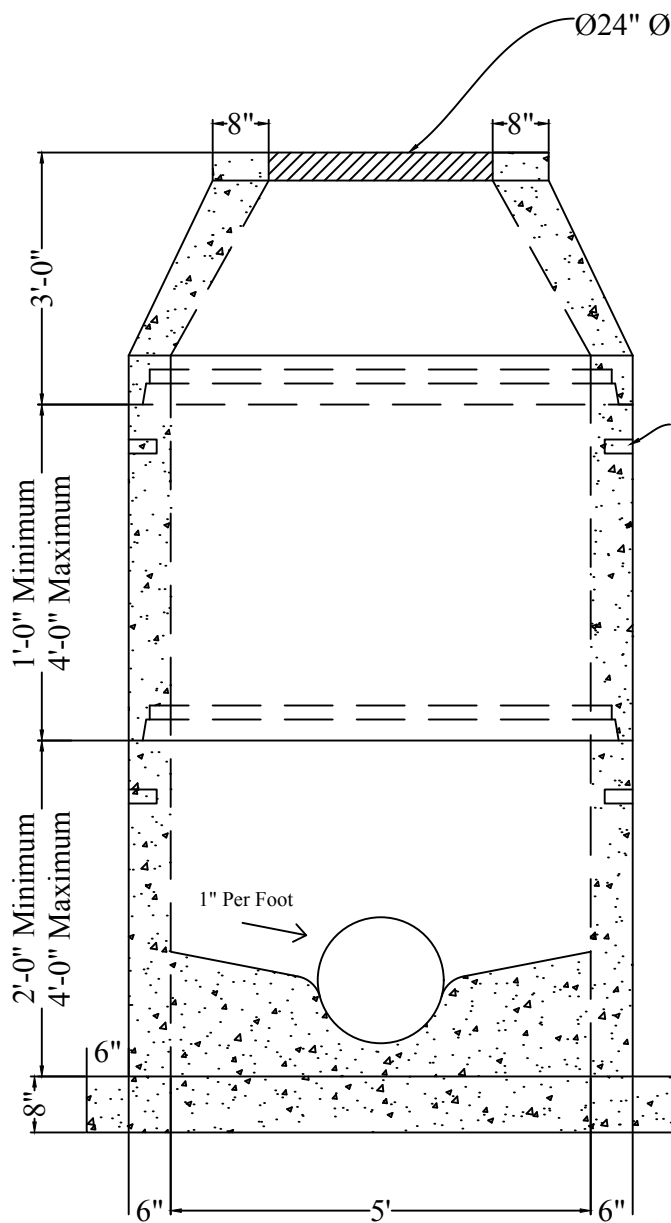
DATE: 6/17/2024

WEIGHT:	*Varies*
JOB NAME	

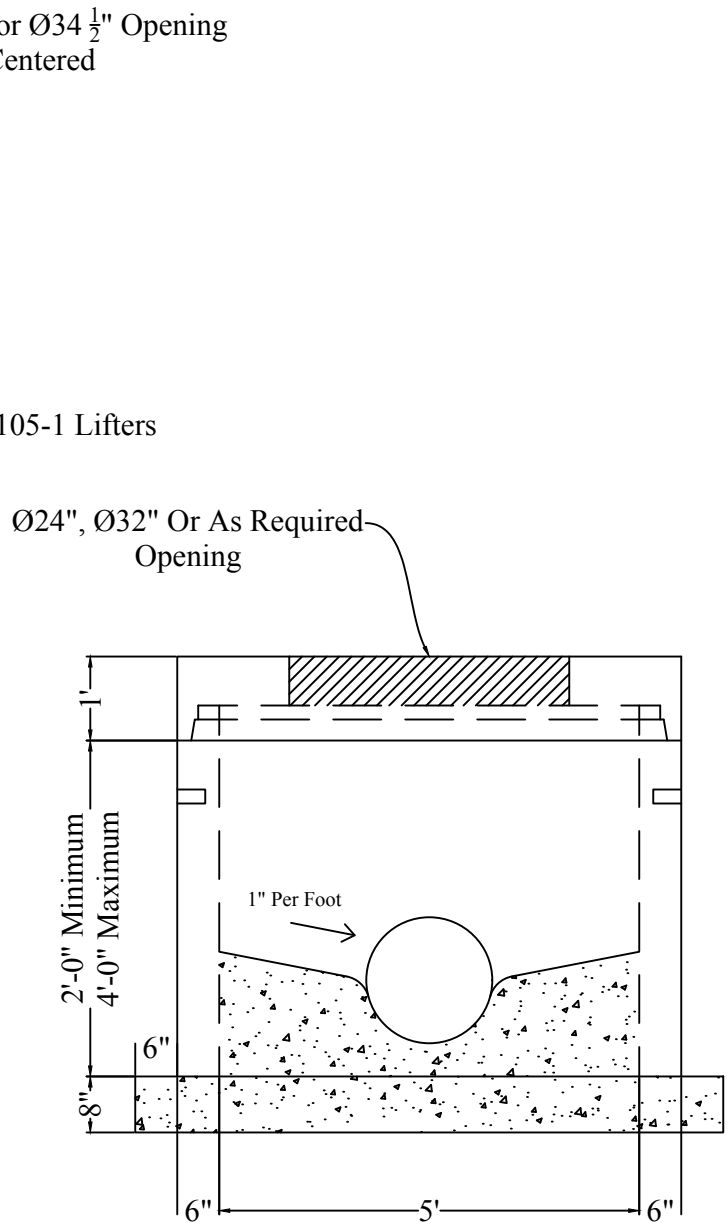
Revision Number
B1

Sheet 1 of 1

Ø48" Manhole
6" X 8" Submittal



**60" Manhole With
Concentric Reducing Cone**



60" Manhole With Flat Lid

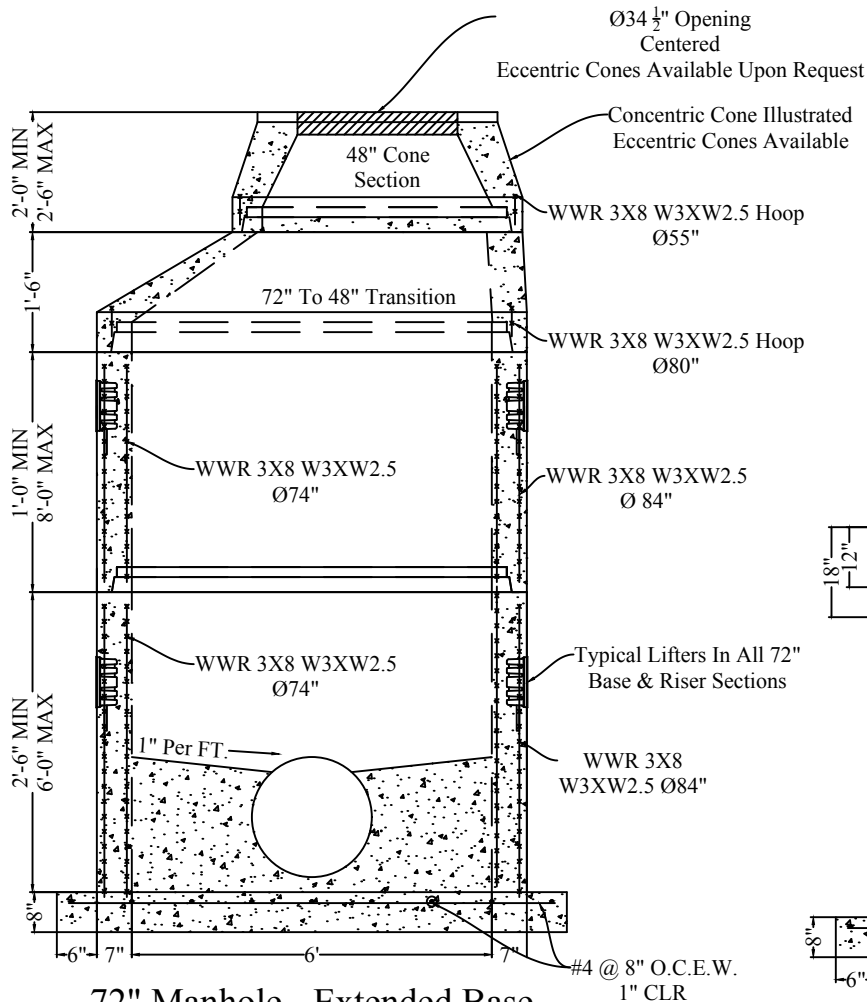
1. Water Tight Gaskets At All Pipe Connections
2. Average Weight of 24" Depth Base 7000
- Riser Weight = 1300# Per 1'-0"
3. Manufactured to Your Specifications
4. Invert Depth Shall be Equal To The
Largest Pipe Diameter
5. Meets Or Exceeds ASTM C478-15
6. Concrete- 5000 PSI @ 28 Days
7. Inside Height = 30'-0" MAX
8. 0'-0" - 2'-0" Soil Cover Over Top Slab
9. Rated For HS-20 Loading
10. Designed to meet or Exceed ASTM C478



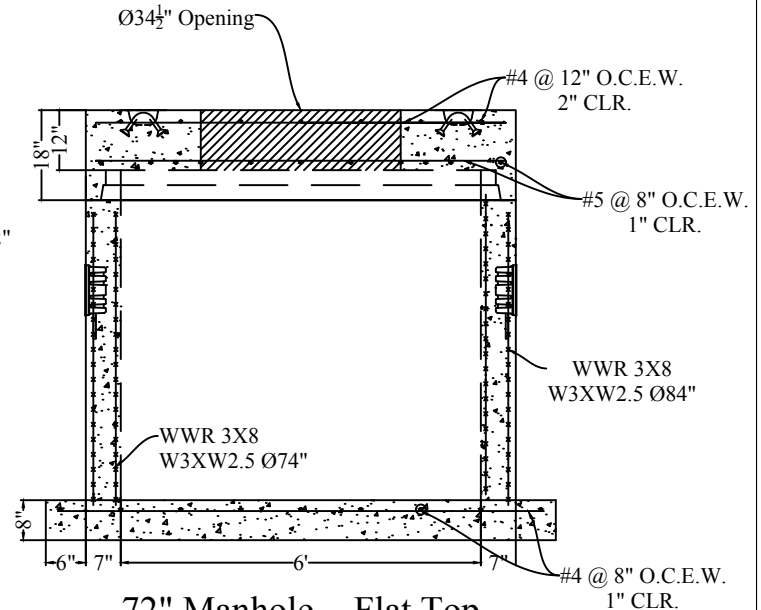
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DRAWN BY: TSH	JOB NO:	DATE: 04/30/21	WEIGHT: *Varies*	Revision Number R1	Sheet 1 of 1
PRODUCT 60" Manhole 6" X 8" Submittal	JOB NAME				



**72" Manhole - Extended Base
With Reducing Cone**



**72" Manhole - Flat Top
Illustration**

1. Water Tight Gaskets At All Pipe Connections
2. Average Weight of 72" Depth Base
W/O Inverting 13-033# - Riser
Weight = 1900#/VTF
3. Manufactured to Your Specifications
4. Invert Depth Shall be Equal To The
Largest Pipe Diameter
5. Meets Or Exceeds ASTM C478-15
6. Concrete- 5000 PSI @ 28 Days
7. WWR: W3 Wire To Be Circumferential
W2.5 Wire To Be Vertical Steel
8. Inside Height = 30'-0" MAX
9. 0'-0" - 2'-0" Soil Cover Over Top Slab
10. Concrete: Design Specification 5,000PSI @ 28 Days
11. Reinforcement: ASTM A615, Grade 60
or ASTM A1064 Welded Wire Reinforcement



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DRAWN BY:

TSH

JOB NO:

DATE:

12/08/22

WEIGHT:

Varies

Revision Number

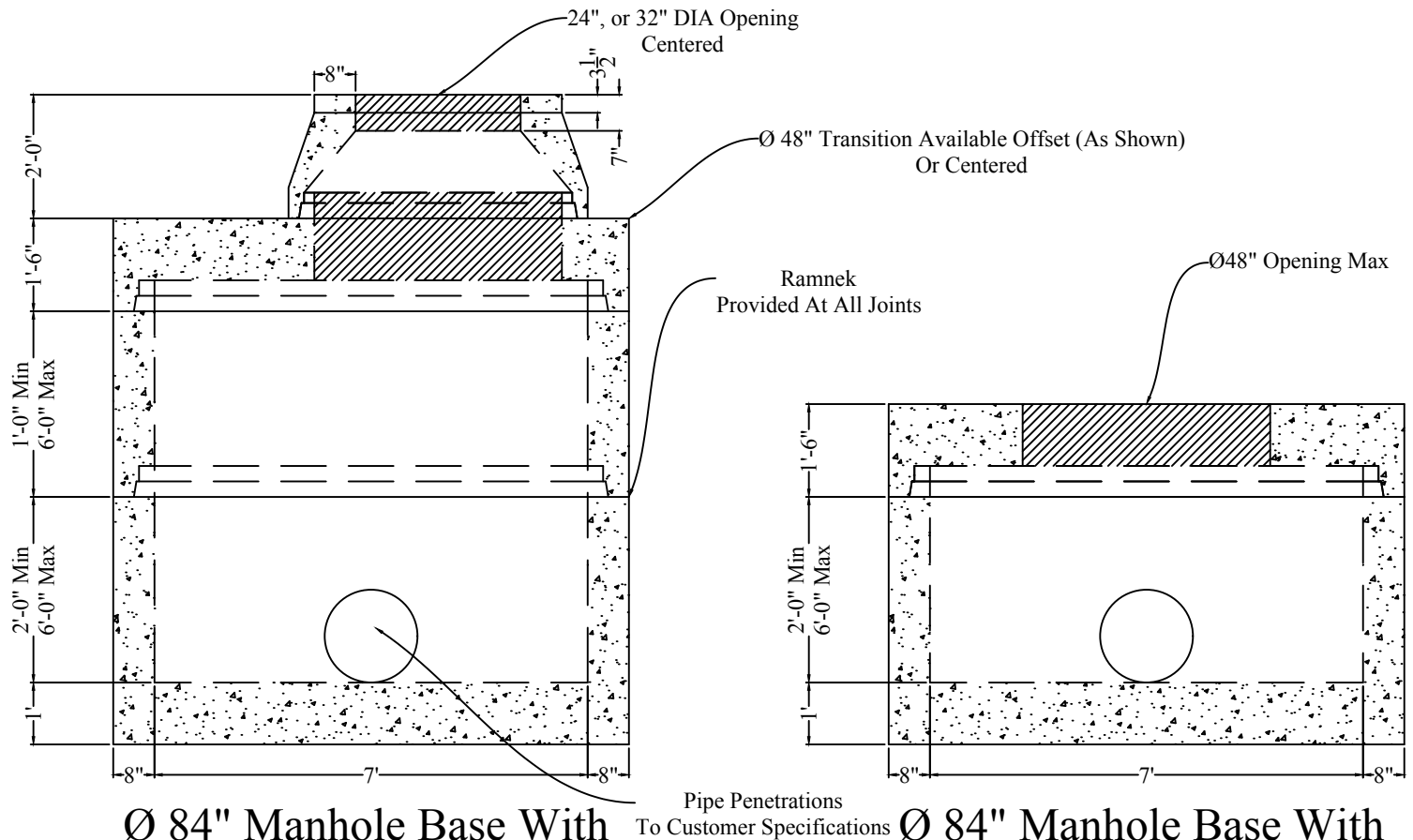
R0

Sheet 1 of 1

PRODUCT

Ø72" Standard Manhole

JOB NAME



**Ø 84" Manhole Base With
Transition
& Ø48" Cone**

Pipe Penetrations
To Customer Specifications

**Ø 84" Manhole Base With
Flat Lid**

1. Ramnek Gaskets At All Pipe Connections
2. Average Weight of 24" Depth Base 13,000#
- Riser Weight =2500# Per 1'-0"
3. Manufactured to Your Specifications
4. Meets Or Exceeds ASTM C478-15
5. Concrete- 5000 PSI @ 28 Days
6. Inside Height = 40'-0" MAX
7. Rated For HS-20 Loading



DRAWN BY:	TSH	JOB NO:	05/06/19	WEIGHT:	*Varies*	Revision Number	R1	Sheet 1 of 1
CUSTOMER & PRODUCT				JOB NAME				
Ø84" Submittal								