

A

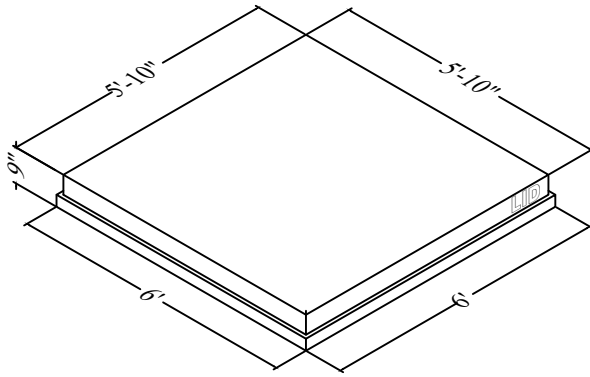
B

C

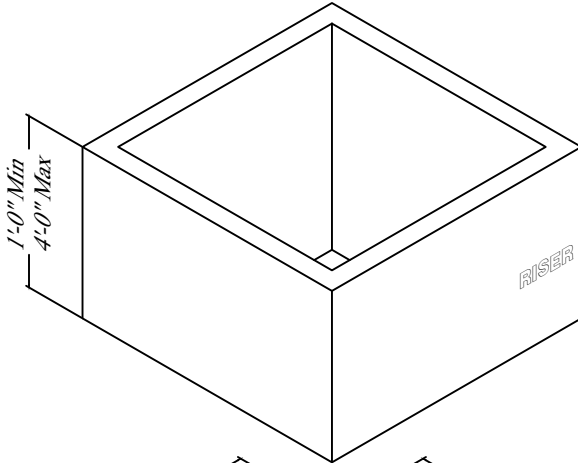
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Reference Supplemental Drawings:

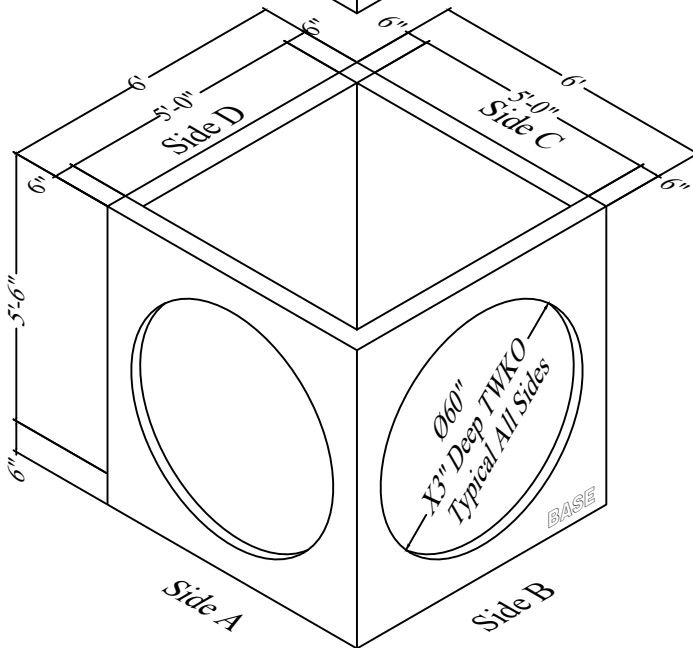
- If Ring & Cover or Frame @ Grate is required



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  $\frac{1}{4}$ "  
#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



**Turner Co.**  
 P.O. Box 885  
 Rhome, TX 76078

DRAWN BY:

TSH

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

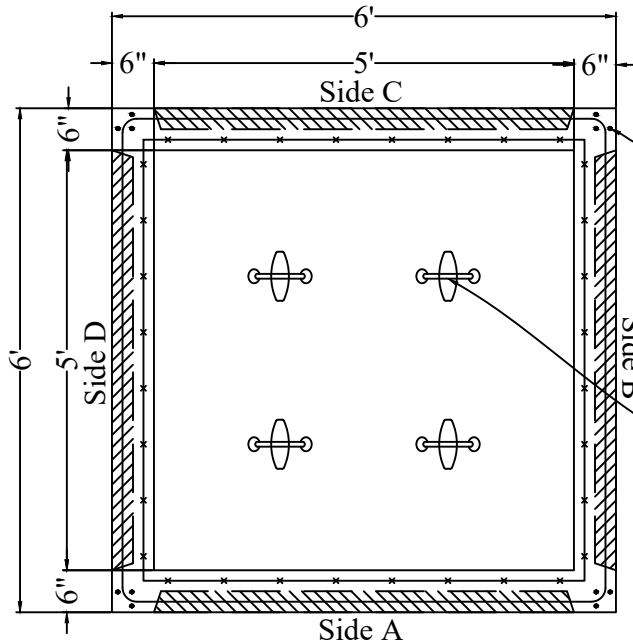
JOB NAME

Steel Design Alternate:

Rebar Only -

Wall - #5 @ 6" O.C.E.W. -  $A_s$  .61 -  $1 \frac{1}{2}$  CLR  
Base - #6 @ 8" O.C.E.W. -  $A_s$  .66 -  $1 \frac{1}{2}$  CLR

Minimum 1" CLR From All Surfaces

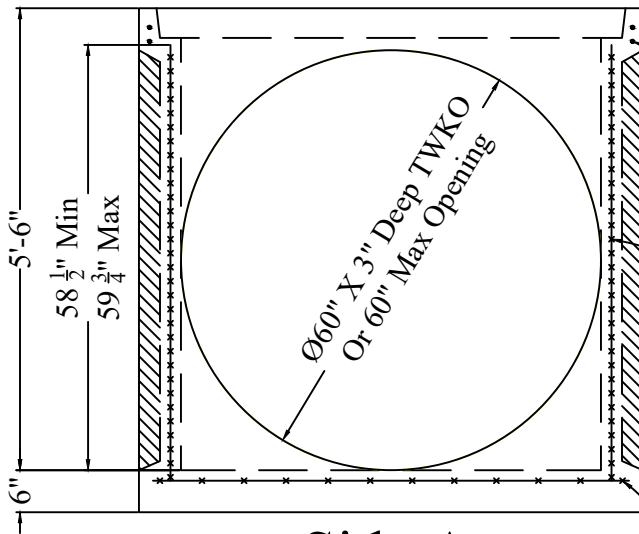


(3) Vertical Rebar In Base  
& Risers #4 @ 2" O.C. Each Corner  
2" To Corner

(4) 6CA18  
A Anchors

Plan View

(Top Slab Not Shown)



(2) #4 Bars  
2" O.C.  
1" CLR From Joint  
Each Beam

WWR 2X8 D10 X D4  
 $1 \frac{1}{2}$  CLR  
(Steel Area .60)  
(Short & Long)

WWR 6X6 D31 X D31  
 $1 \frac{1}{2}$  CLR  
(Steel Area .62)

Side A  
Layout Elevation

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 PJB & PBB Dated Feb 2020  
Design Specs



**Turner Co.**

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Rhome, TX 76078

DRAWN BY:

TSH

JOB NO:

DATE:

12/02/25

WEIGHT:

8830#

Revision Number

R1

Sheet 1 of 1

PRODUCT

5'-0" X 5'-0" TXDOT PJB  
Base

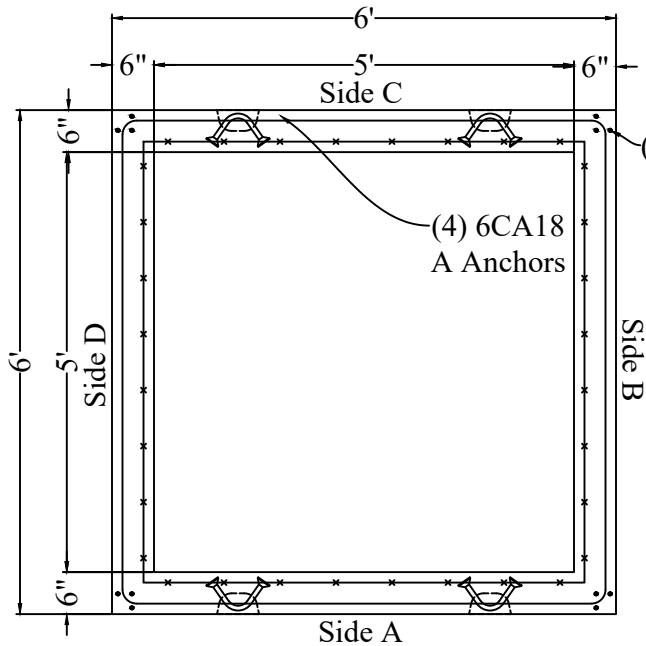
JOB NAME

Steel Design Alternate:

Rebar Only -

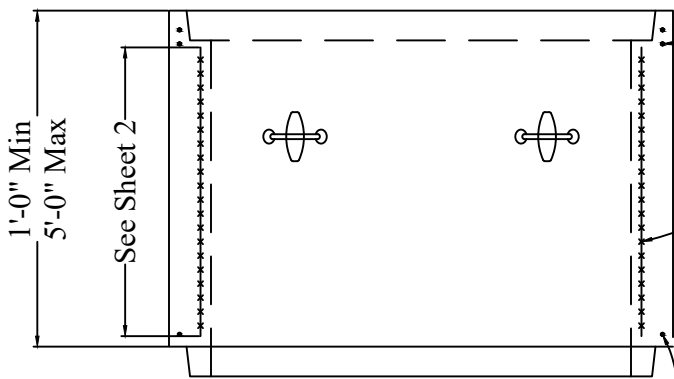
Wall - #5 @ 6" O.C.E.W. -  $A_s .61$  -  $1 \frac{1}{2}$  CLR

Minimum 1" CLR From All Surfaces



## Plan View

(Top Slab Not Shown)



## Side Layout Elevation

### 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 PJB & PBB Dated Feb 2020 Design Specs

### Individual Weights

| 1'-0" Riser | 1'-6" Riser | 2'-0" Riser | 2'-6" Riser | 3'-0" Riser |
|-------------|-------------|-------------|-------------|-------------|
| 1650        | 2475        | 3300        | 4125        | 4950        |
| 3'-6" Riser | 4'-0" Riser | 4'-6" Riser | 5'-0" Riser |             |
| 5775        | 6600        | 7425        | 8250        |             |



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DRAWN BY:

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JOB NO:

DATE:

12/02/25

WEIGHT:

\*Varies\*

Revision Number

R1

Sheet 1 of 2

PRODUCT

5'-0" X 5'-0" TXDOT PJB  
Riser

JOB NAME

A

B

C

D

# Riser Cages

Riser Height

Minimum Cage  
Height

Maximum Cage  
Height

1'-0"

4 1/2

5 3/4

1'-6"

10 1/2

11 3/4

2'-0"

16 1/2

17 3/4

2'-6"

22 1/2

23 3/4

3'-0"

28 1/2

29 3/4

3'-6"

34 1/2

35 3/4

4'-0"

40 1/2

41 3/4

4'-6"

46 1/2

47 3/4

5'-0"

52 1/2

53 3/4

Steel Design Alternate:

Rebar Only -

Wall - #5 @ 6" O.C.E.W. - A<sub>s</sub> .61 - 1 ½ CLR

Minimum 1" CLR From All Surfaces

## Individual Weights

1'-0" Riser

1'-6" Riser

2'-0" Riser

2'-6" Riser

3'-0" Riser

1650

2475

3300

4125

4950

3'-6" Riser

4'-0" Riser

4'-6" Riser

5'-0" Riser

5775

6600

7425

8250

## 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 ¼"  
#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

DRAWN BY:

TSH

JOB NO:

DATE:

12/02/25

WEIGHT:

\*Varies\*

Revision Number

R1

Sheet 2 of 2

PRODUCT

5'-0" X 5'-0" TXDOT PJB  
Riser

JOB NAME



**Turner Co.**

P.O. Box 885  
Rhome, TX 76078

A

B

C

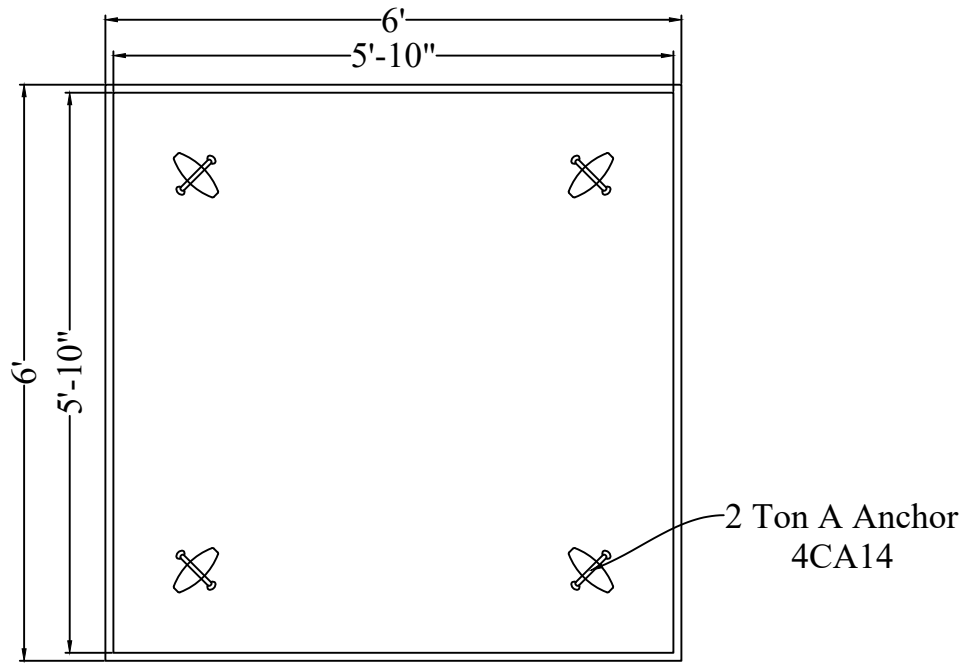
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Steel Design Alternate:

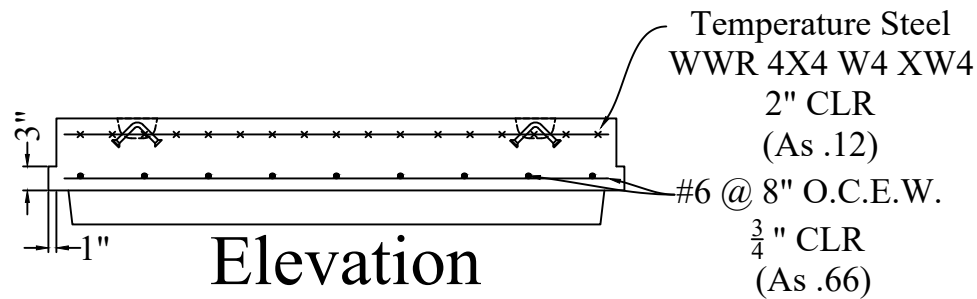
Rebar Only -

Temperature Steel - #4 @ 8" O.C.E.W. - A<sub>s</sub> .30 - 2" CLR

Minimum 1" CLR From All Surfaces



Plan View



Elevation

## 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.
- Meets TXDOT Type PJB & PSL Dated Feb 2020 Design Specs



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DRAWN BY:

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JOB NO:

DATE:

04/25/25

WEIGHT:

4550#

Revision Number

R0

Sheet 1 of 1

PRODUCT

5'-0" X 5'-0" PSL TXDOT  
Flat Lid No Opening

JOB NAME

A

B

C

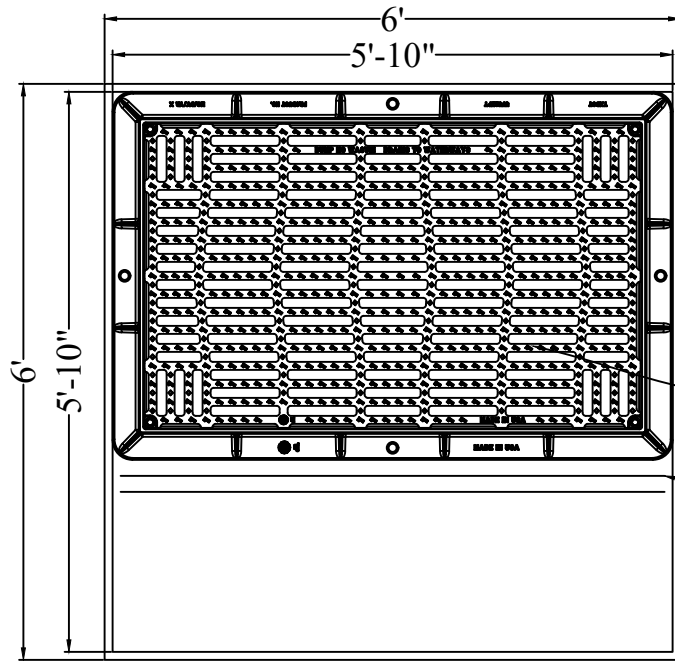
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Steel Design Alternate:

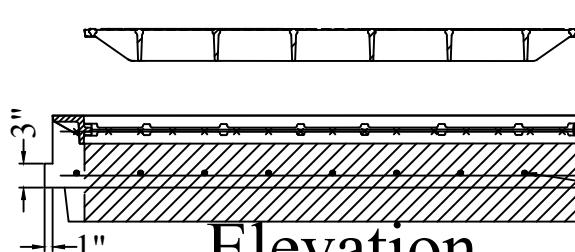
Rebar Only -

Temperature Steel - #4 @ 8" O.C.E.W. -  $A_s .30$  - 2" CLR

Minimum 1" CLR From All Surfaces

EJ 5752ZPT 5752M Assembly  
Cast In(2) Extra Bars  
Each Side Of Opening

Plan View



Elevation

Temperature Steel  
WWR 4X4 W4 XW4  
2" CLR  
( $A_s .12$ )#6 @ 8" O.C.E.W.  
 $\frac{3}{4}$ " CLR  
( $A_s .66$ )

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
- Frame & Grate To Be EJ 5752 ZPT, Cast In Drawing Is for Illustrative Purposes Only & Actual Product May Differ
- Rebar Overlap: #4 - 39  $\frac{1}{4}$ "  
#5 - 47"  
#6 - 55"
- Designed Per ASTM C913.
- Meets TXDOT Type PJB & PSL Dated Feb 2020 Design Specs

## Individual Weights

Top Slab      F&amp;G

2625      621

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JOB NO:

DATE:

04/25/25

WEIGHT:

3246#

Revision Number

R0

Sheet 1 of 1

PRODUCT

5'-0" X 5'-0" PSL TXDOT  
With 3 X5 Frame & Grate

JOB NAME

A

B

C

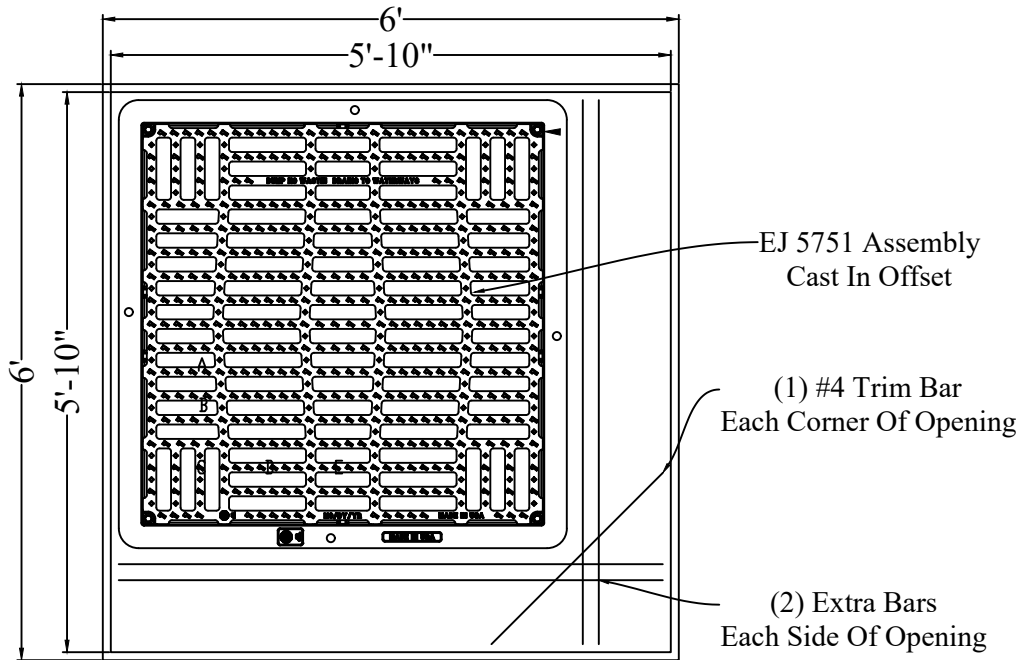
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Steel Design Alternate:

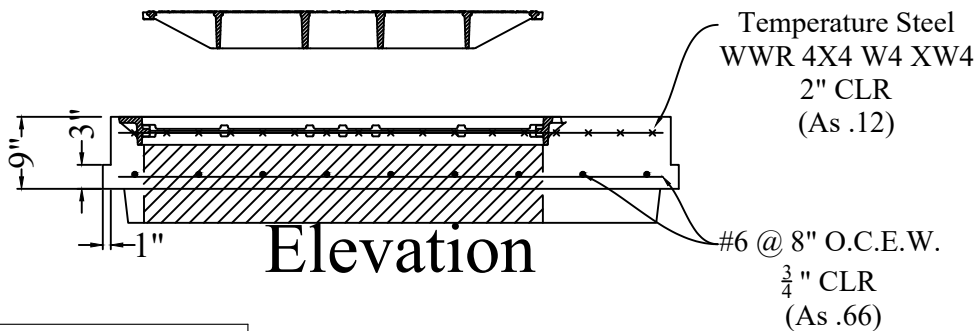
Rebar Only -

Temperature Steel - #4 @ 8" O.C.E.W. - A<sub>s</sub> .30 - 2" CLR

Minimum 1" CLR From All Surfaces



Plan View



Elevation

## 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
- Frame & Grate To Be EJ 5751 ZPT, Cast In Drawing Is for Illustrative Purposes Only & Actual Product May Differ
- Rebar Overlap: #4 - 39  $\frac{1}{4}$ "  
#5 - 47"  
#6 - 55"
- Designed Per ASTM C913.
- Meets TXDOT Type PJB & PSL Dated Feb 2020 Design Specs

## Individual Weights

| Top Slab | F&G |
|----------|-----|
| 2500     | 630 |

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TSH

JOB NO:

DATE:

04/25/25

WEIGHT:

3130#

Revision Number

R0

Sheet 1 of 1

PRODUCT

5'-0" X 5'-0" PSL TXDOT  
With 4X4 Frame & Grate

JOB NAME



**Turner Co.**

P.O. Box 885  
Rhome, TX 76078

A

B

C

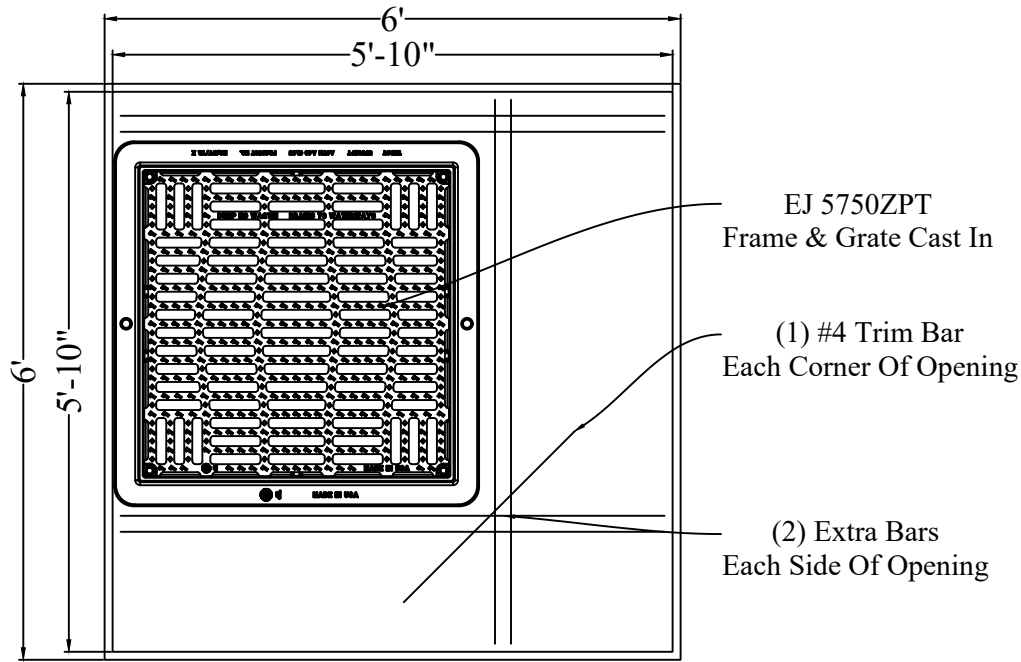
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Steel Design Alternate:

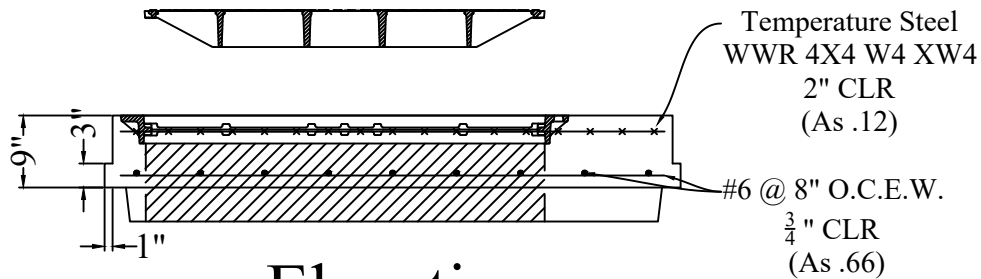
Rebar Only -

Temperature Steel - #4 @ 8" O.C.E.W. -  $A_s .30$  - 2" CLR

Minimum 1" CLR From All Surfaces



Plan View



Elevation

## 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
- Frame & Grate To Be EJ 5750 ZPT, Cast In Drawing Is for Illustrative Purposes Only & Actual Product May Differ
- Rebar Overlap: #4 - 39  $\frac{1}{4}$ "  
#5 - 47"  
#6 - 55"
- Designed Per ASTM C913.
- Meets TXDOT Type PJB & PSL Dated Feb 2020 Design Specs

## Individual Weights

| Top Slab | F&G |
|----------|-----|
| 3375     | 370 |

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JOB NO:

DATE:

04/25/25

WEIGHT:

3745#

Revision Number

R0

Sheet 1 of 1

PRODUCT

5'-0" X 5'-0" PSL TXDOT  
With 3X3 Frame & Grate

JOB NAME

A

B

C

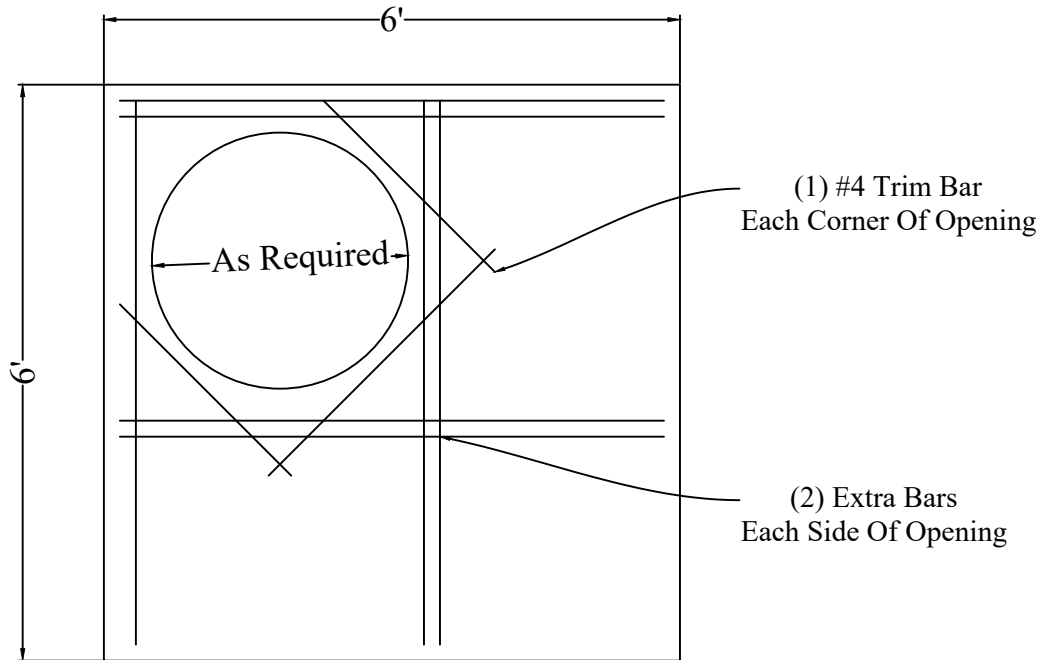
D

Steel Design Alternate:

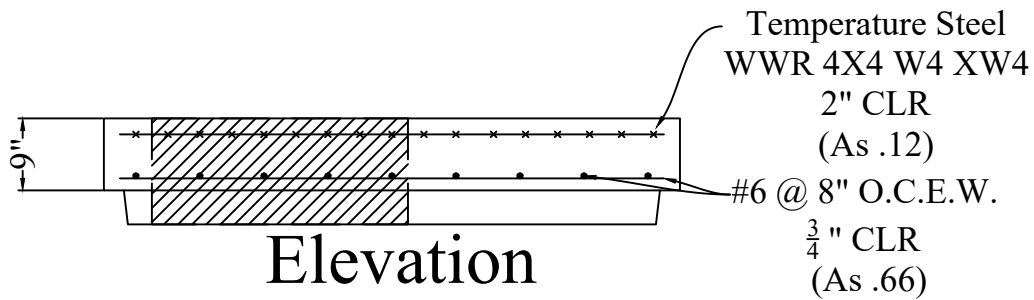
Rebar Only -

Temperature Steel - #4 @ 8" O.C.E.W. - A<sub>s</sub> .30 - 2" CLR

Minimum 1" CLR From All Surfaces



Plan View



Elevation

## 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.
- Meets TXDOT Type PJB & PSL Dated Feb 2020 Design Specs

## Individual Weights

| Ø18" | Ø24" | Ø32  |
|------|------|------|
| 4350 | 4160 | 3860 |

DRAWN BY:

TSH

JOB NO:

DATE:

05/29/25

WEIGHT:

\*Varies\*

Revision Number

R0

Sheet 1 of 1

PRODUCT

5'-0" X 5'-0" PSL TXDOT  
Flat Lid With Opening

JOB NAME



**Turner Co.**

P.O. Box 885  
Rhome, TX 76078

A

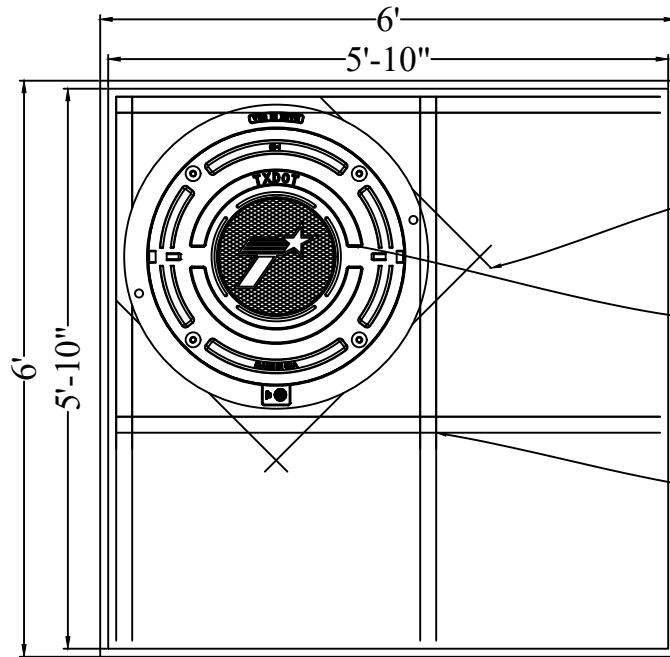
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C

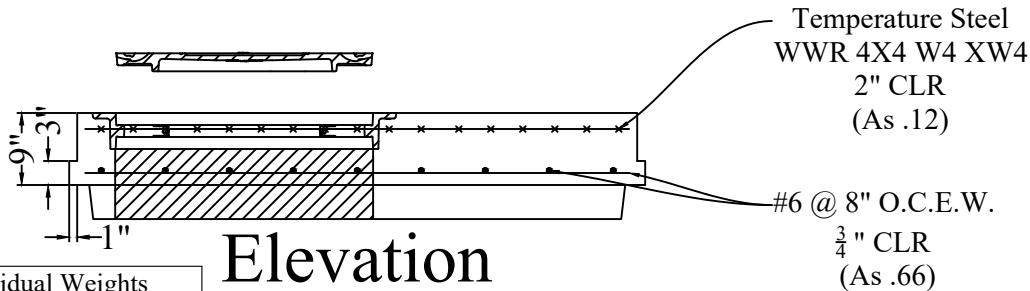
D

Steel Design Alternate:

Rebar Only -

Temperature Steel - #4 @ 8" O.C.E.W. - A<sub>s</sub> .30 - 2" CLR(1) #4 Trim Bar Minimum 1" CLR From All Surfaces  
Each Corner Of OpeningEJ V1430 1495 ZPT  
32" Ring & Cover  
Cast In, Offset(2) Extra Bars  
Each Side Of Opening

## Plan View

Temperature Steel  
WWR 4X4 W4 XW4  
2" CLR  
(A<sub>s</sub> .12)#6 @ 8" O.C.E.W.  
 $\frac{3}{4}$ " CLR  
(A<sub>s</sub> .66)

## Elevation

## Individual Weights

| Top Slab | R&C |
|----------|-----|
| 3860     | 354 |



Turner Co.

P.O. Box 885  
Rhame, TX 76078

DRAWN BY:

TSH

JOB NO:

DATE:

04/25/25

WEIGHT:

4214#

Revision Number

R0

Sheet 1 of 1

PRODUCT

5'-0" X 5'-0" PSL TXDOT  
Flat Lid With Ring & Cover

JOB NAME

## 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
- Frame & Grate To Be EJ V1430 1495 ZPT, Cast In Drawing Is for Illustrative Purposes Only & Actual Product May Differ
- Rebar Overlap: #4 - 39  $\frac{1}{4}$ "  
#5 - 47"  
#6 - 55"
- Designed Per ASTM C913.
- Meets TXDOT Type PJB & PSL Dated Feb 2020 Design Specs

A

B

C

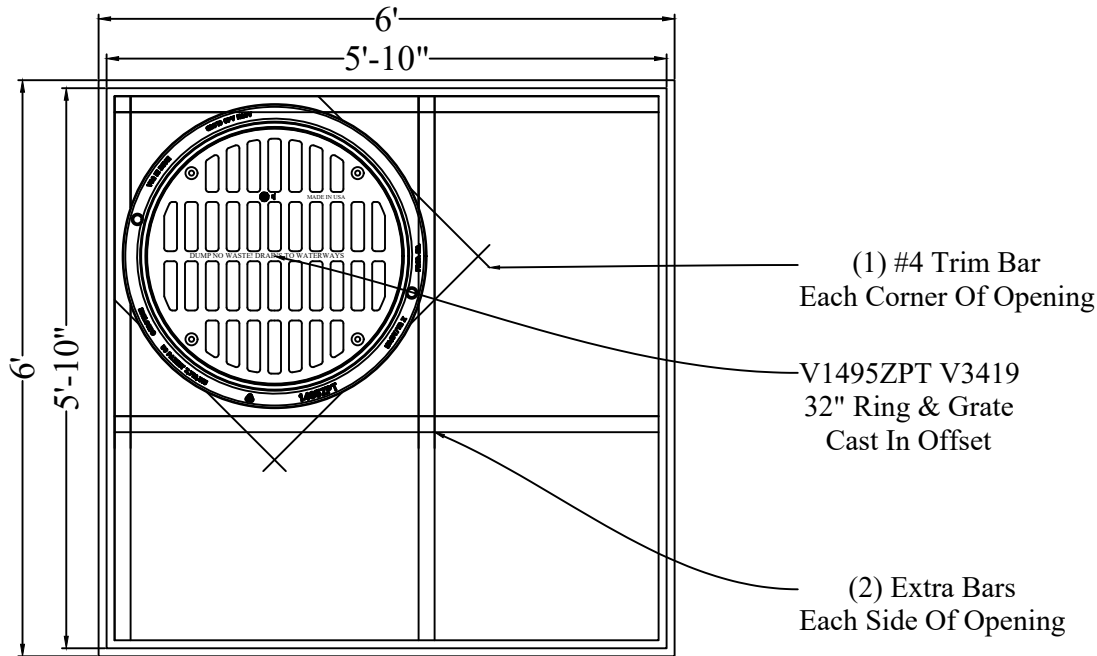
D

Steel Design Alternate:

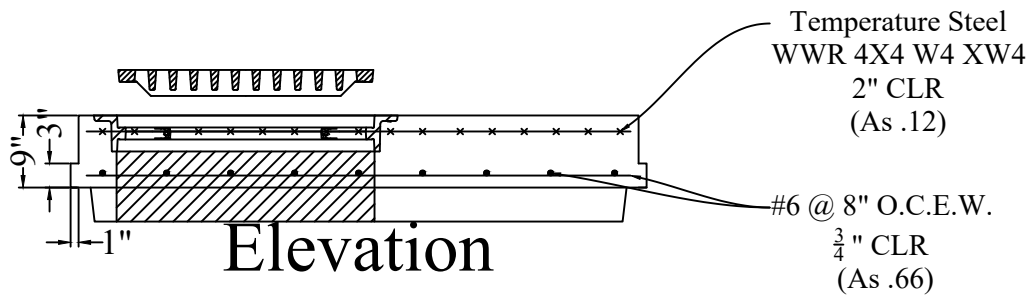
Rebar Only -

Temperature Steel - #4 @ 8" O.C.E.W. - A<sub>s</sub> .30 - 2" CLR

Minimum 1" CLR From All Surfaces



Plan View



Elevation

## 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
5. Frame & Grate To Be EJ V1495ZPT V3419, Cast In Drawing Is for Illustrative Purposes Only & Actual Product May Differ
6. Rebar Overlap: #4 - 39  $\frac{1}{4}$ "  
#5 - 47"  
#6 - 55"
7. Designed Per ASTM C913.
8. Meets TXDOT Type PJB & PSL Dated Feb 2020 Design Specs

## Individual Weights

| Top Slab | R&G |
|----------|-----|
| 3100     | 399 |



**Turner Co.**  
P.O. Box 885  
Rhame, TX 76078

DRAWN BY:

TSH

JOB NO:

DATE:

04/25/25

WEIGHT:

3499#

Revision Number

R0

Sheet 1 of 1

PRODUCT

5'-0" X 5'-0" PSL TXDOT  
Flat Lid With Ring & Grate

JOB NAME

A

B

C

D

Steel Design Alternate:

Rebar Only -

Temperature Steel - #4 @ 8" O.C.E.W. -  $A_s .30$  - 2" CLR

Minimum 1" CLR From All Surfaces

Joint To Connect 3x5 Riser

36" X 60" Opening  
For 3x5 Transition(2) Extra Bars  
Each Side Of Opening

(4) 2 Ton Wire Rope Anchors

Plan View

Temperature Steel  
WWR 4X4 W4 XW4  
2" CLR  
( $A_s .12$ )#6 @ 8" O.C.E.W.  
 $\frac{3}{4}$ " CLR  
( $A_s .66$ )

Elevation

## 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.
- Meets TXDOT Type PJB & PSL Dated Feb 2020 Design Specs


**Turner Co.**  
 P.O. Box 885  
 Rhome, TX 76078

DRAWN BY:

JL

JOB NO:

DATE:

6/11/25

WEIGHT:

4550#

Revision Number

R0

Sheet 1 of 1

PRODUCT

 5'-0" X 5'-0" PSL TXDOT  
 W/ 3x5 Opening

JOB NAME