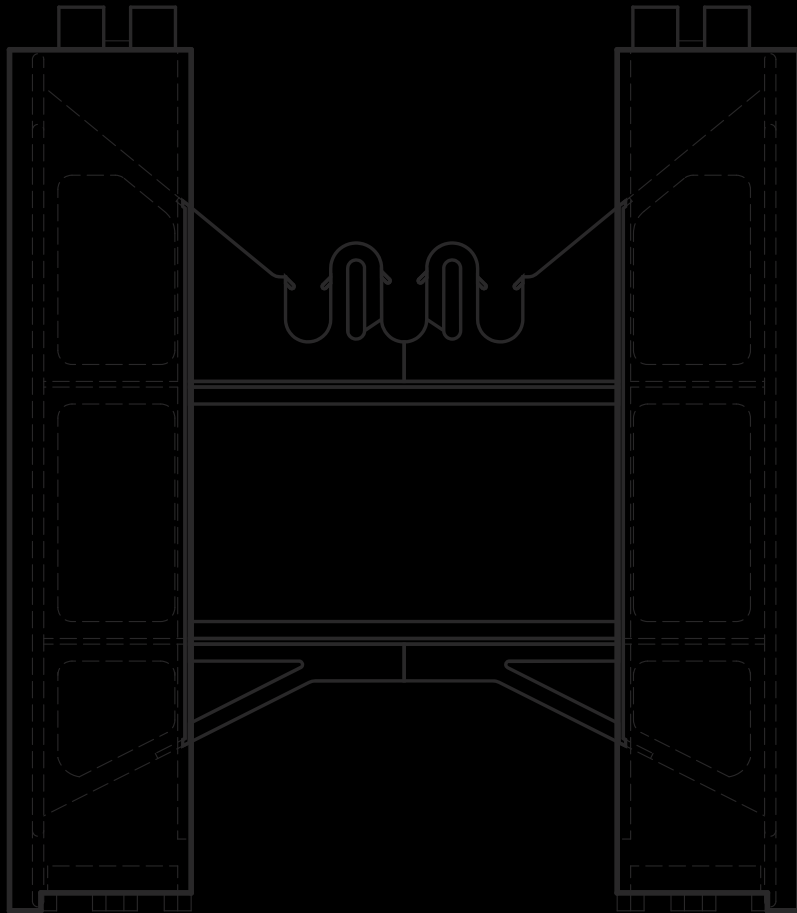




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TECHNICAL MANUAL



# DIRECTORY OF 6" BLOCK CONSTRUCTION DETAIL DRAWINGS

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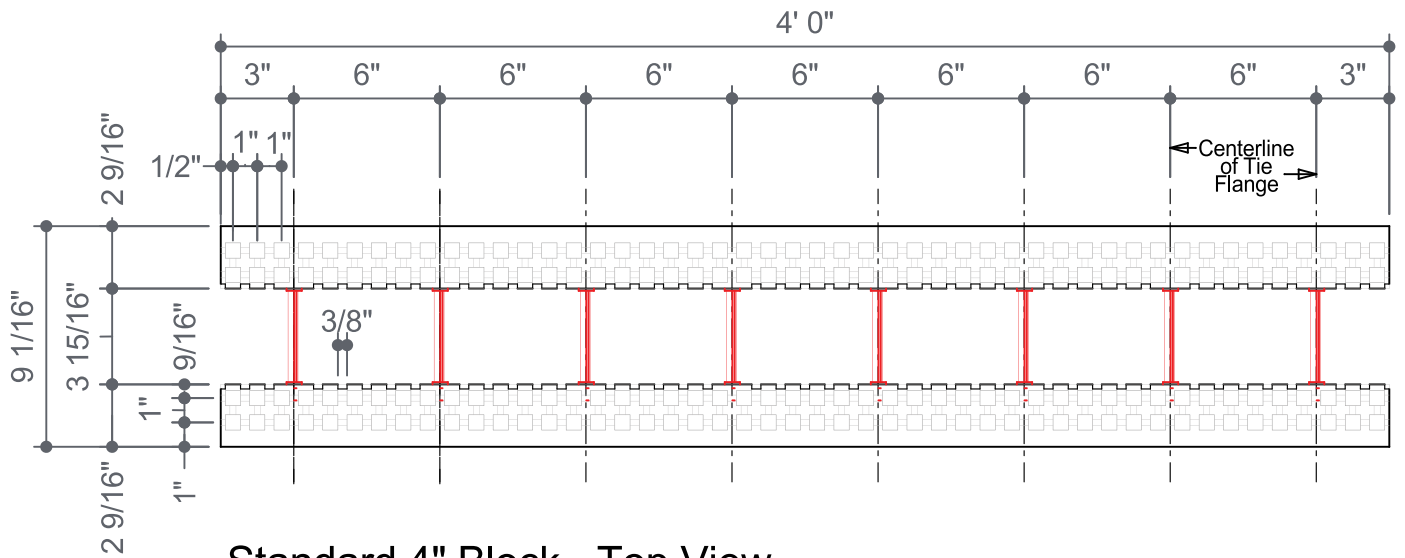
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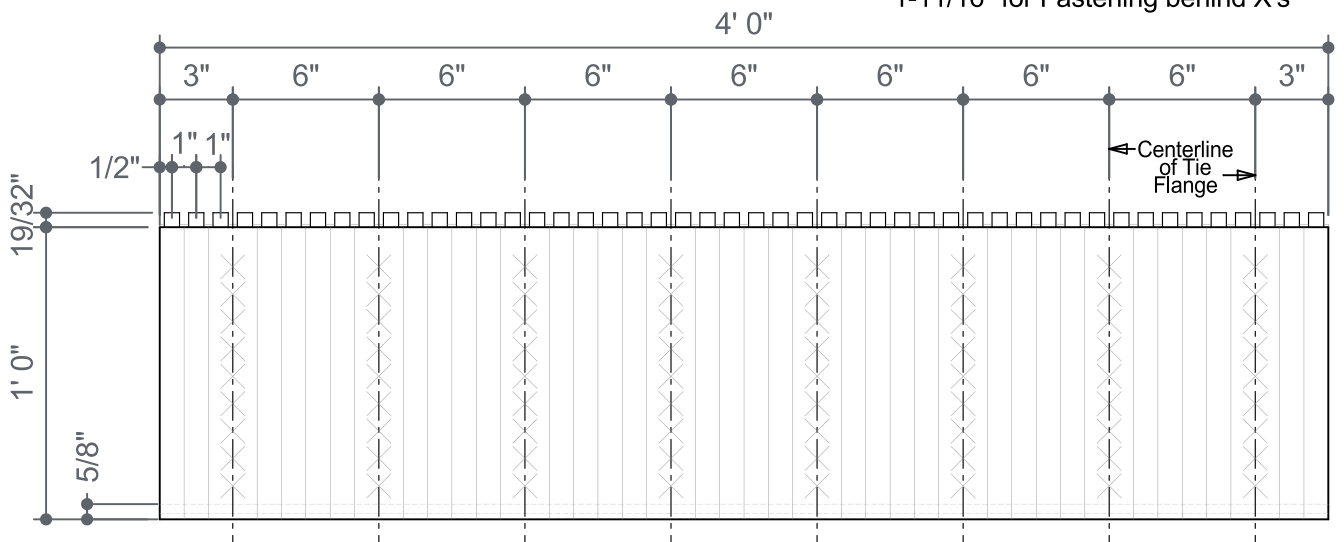
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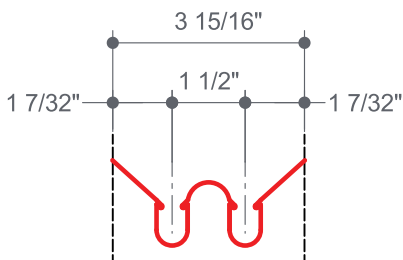


Standard 4" Block - Top View

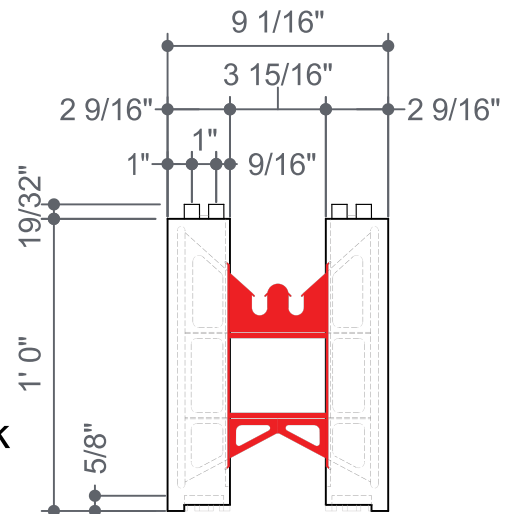
Note : Tie flange Width of 1-11/16" for Fastening behind X's



Standard 4" Block - Front View



4" Typical Tie Detail  
Scale 2:1



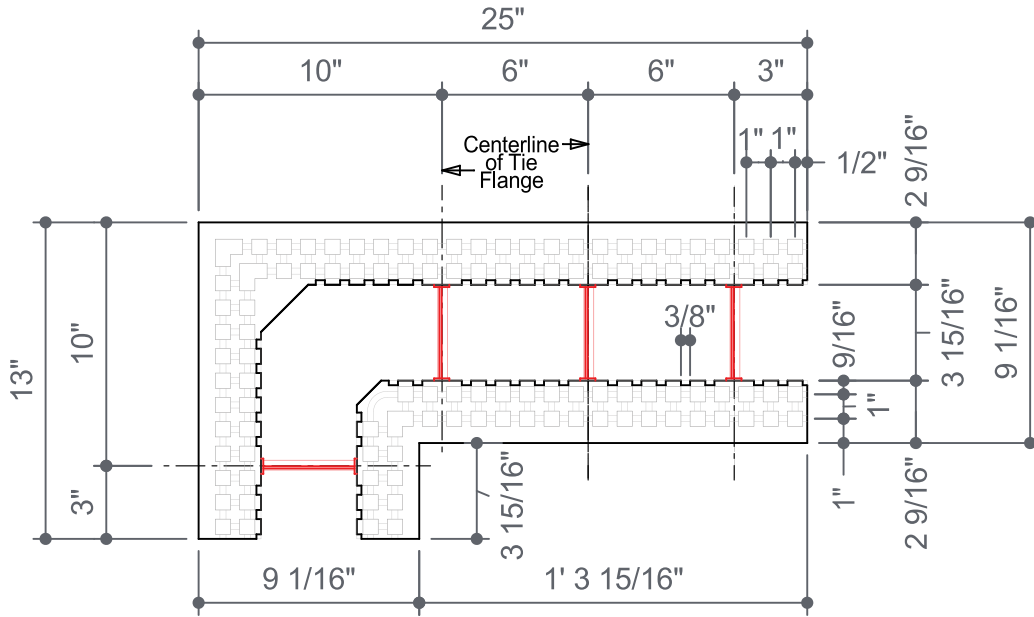
4" Standard Block  
Typical Section



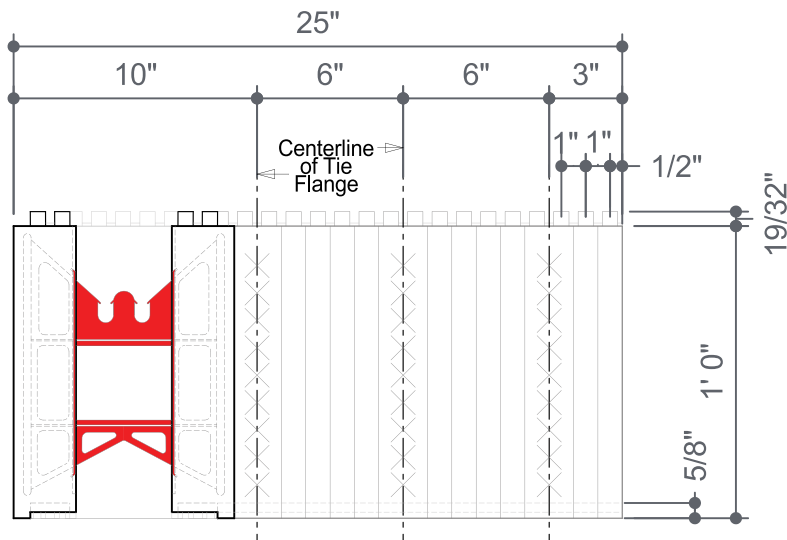
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### 4" Standard Block

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4" Block 90° Corner - Top View



4" Block 90° Corner  
Inner Corner Side & End Views

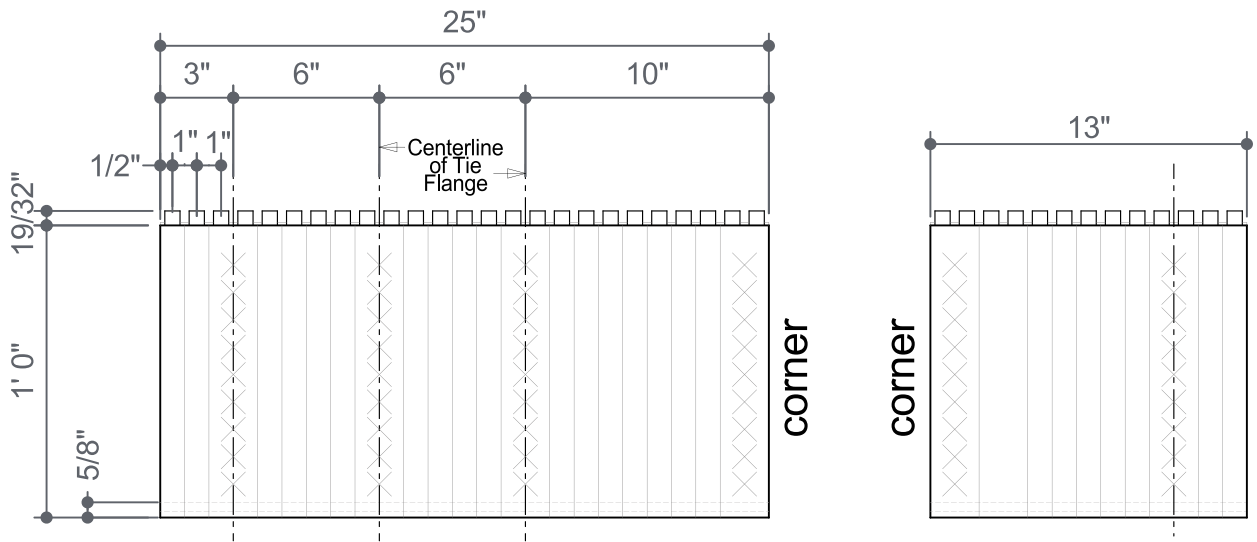


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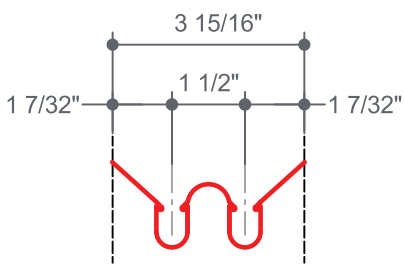
## 4" Block 90° Corner

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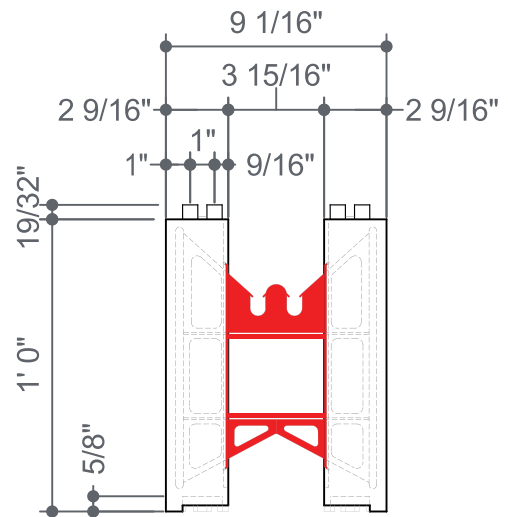




4" Block 90° Corner  
Outer Corner Side Views



4" Typical Tie Detail  
Scale 2:1



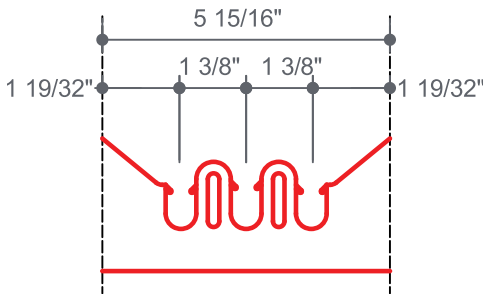
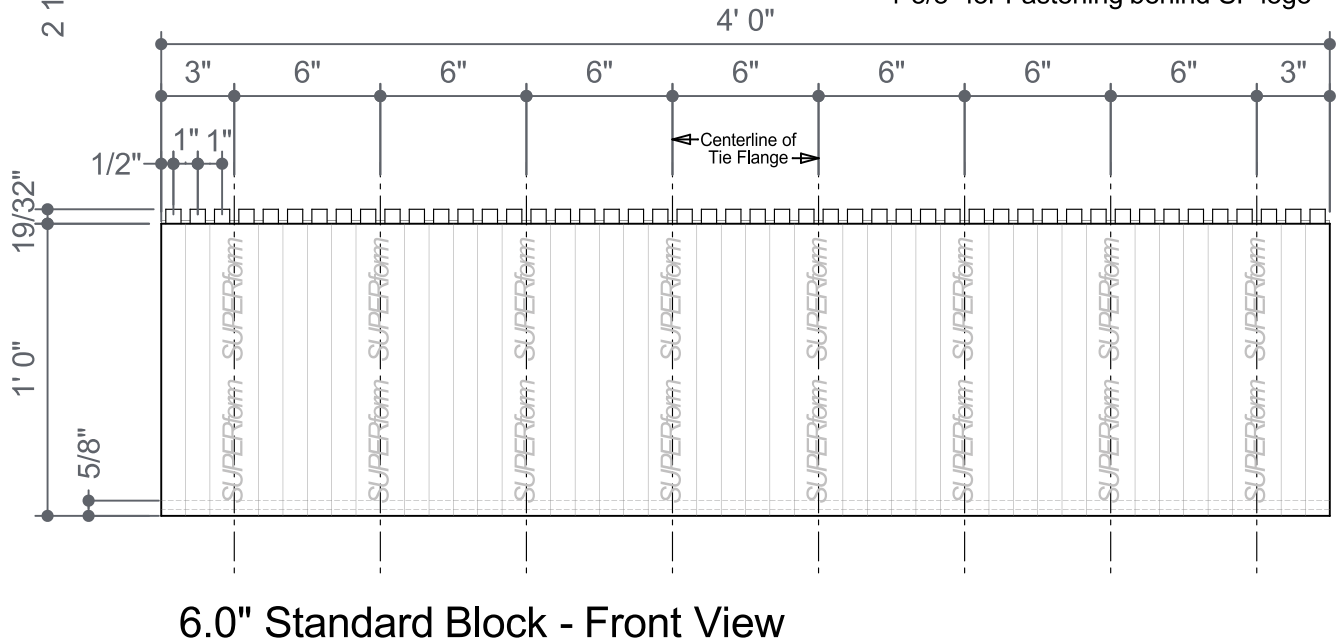
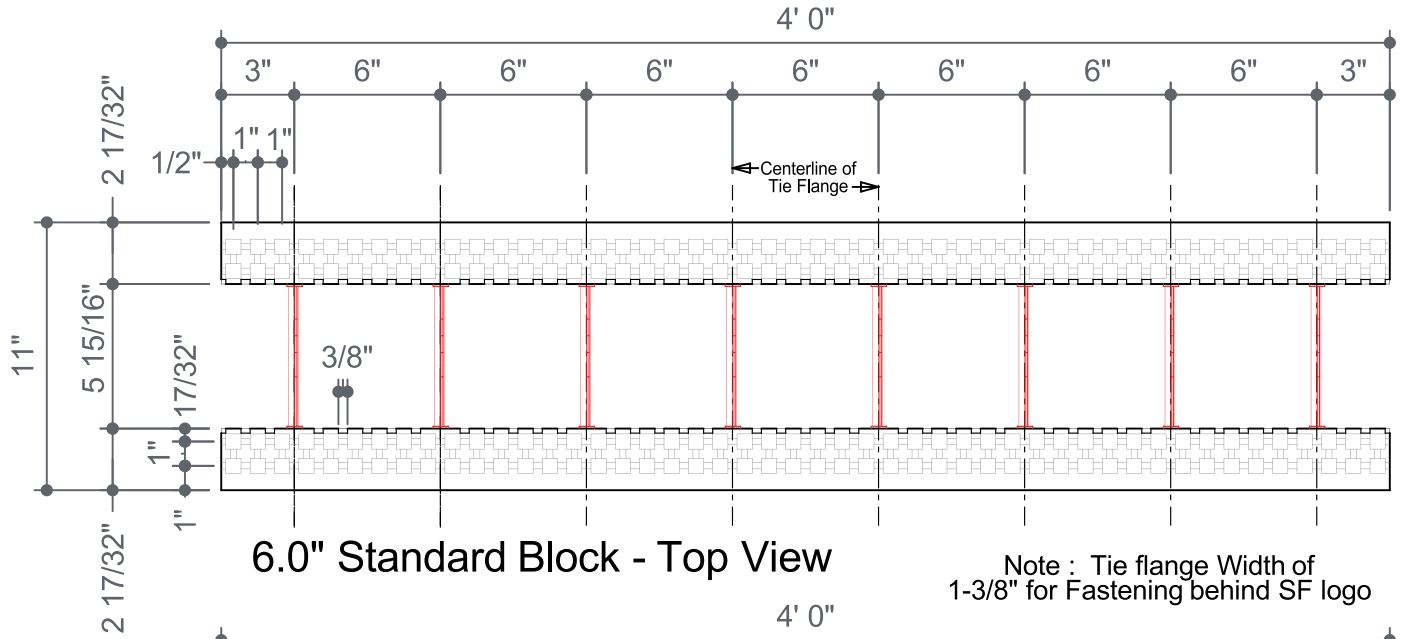
4" Corner Block  
Typical Section



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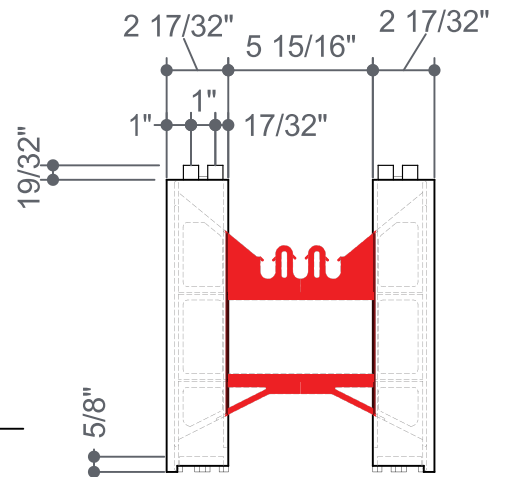
### 4" Block 90° Corner

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**A**  
1

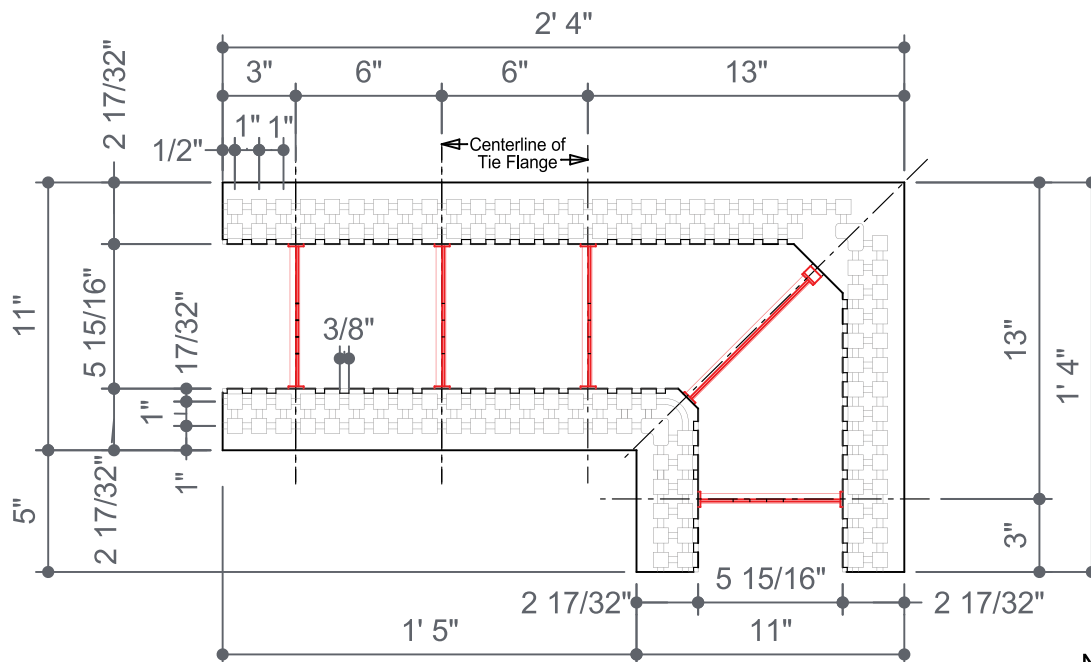
6.0" Standard Block  
Typical Section



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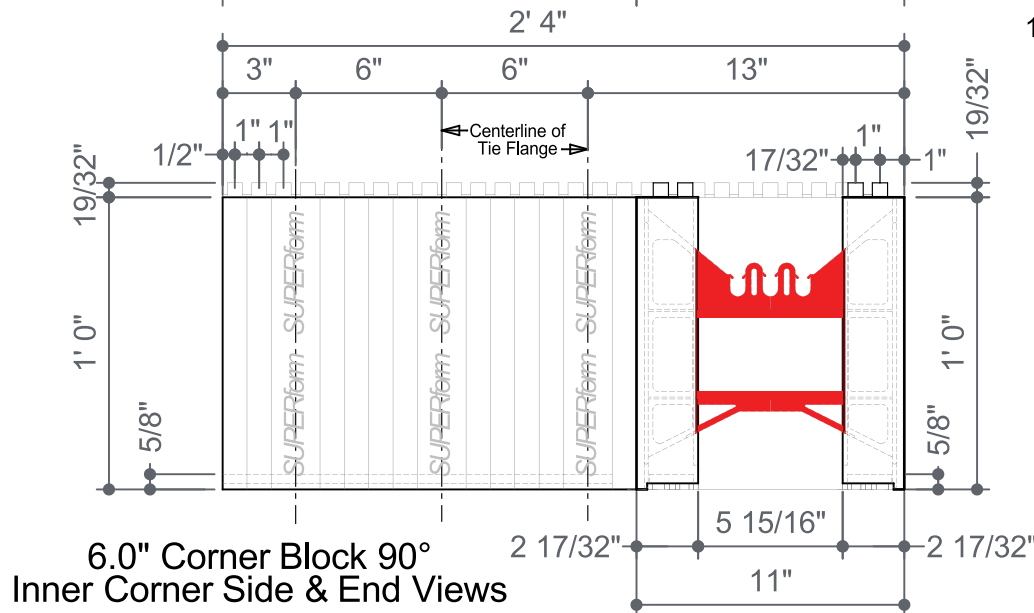
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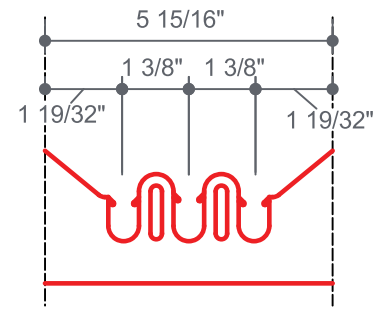


6.0" Corner Block 90°  
Top View

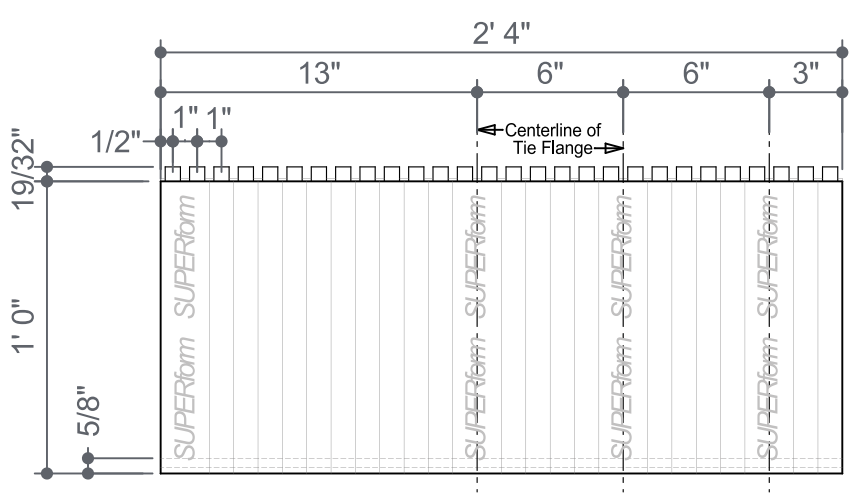
Note : Tie flange Width of 1-3/8" for Fastening behind SF logo



6.0" Corner Block 90°  
Inner Corner Side & End Views



A Typical Block  
1 Tie Detail



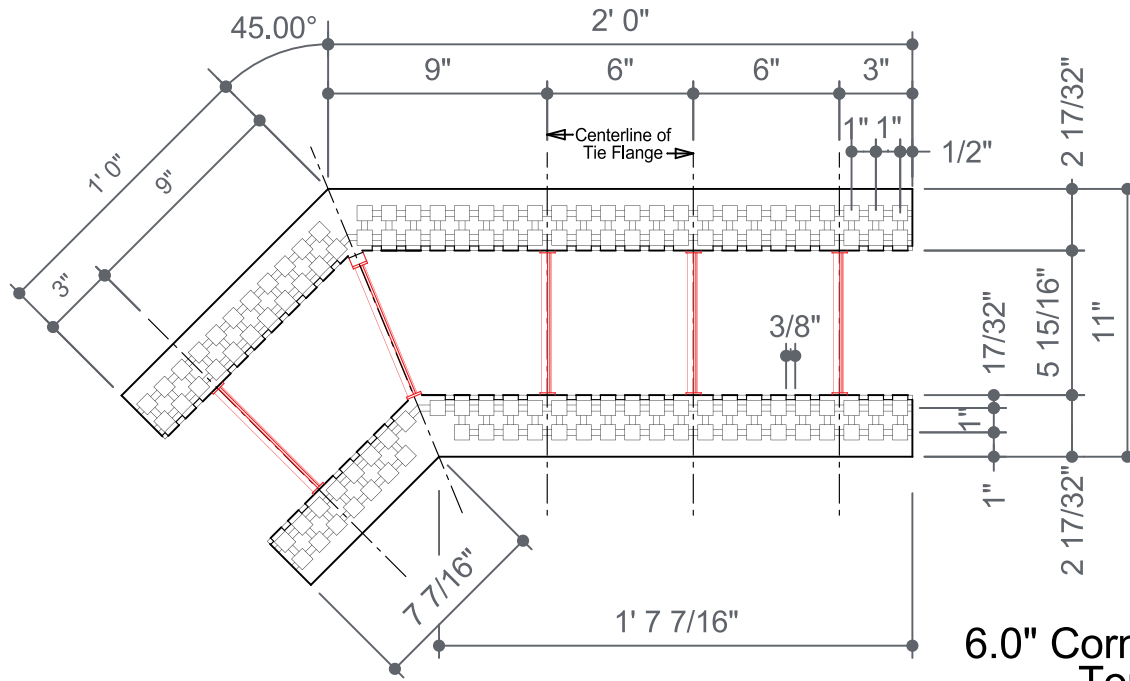
6.0" Corner Block 90°  
Outer Corner  
Side Views



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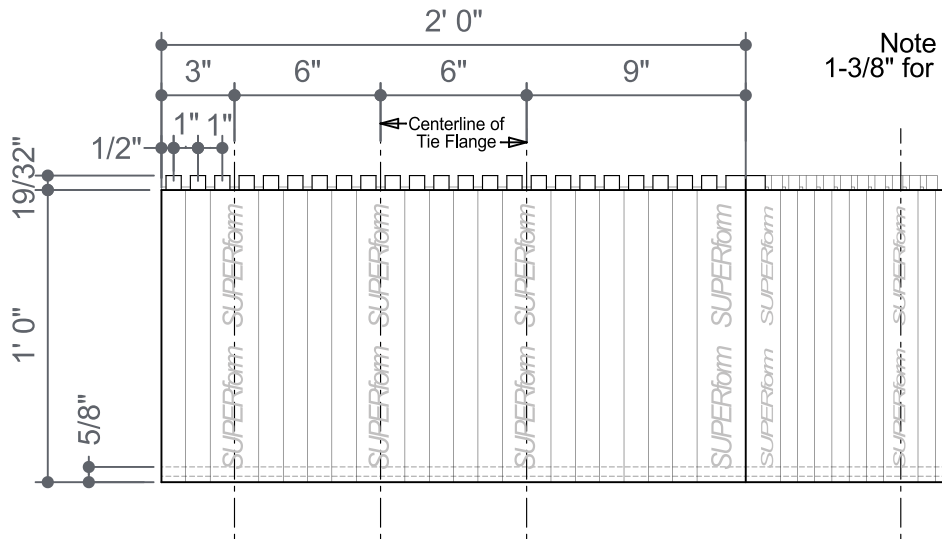
### 6" Corner Block 90° Right corner

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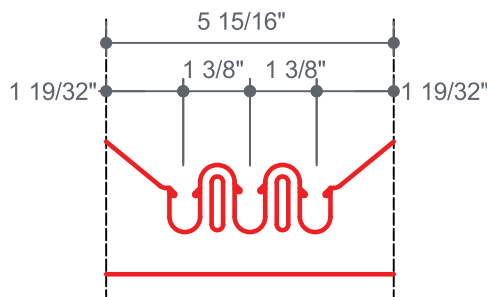


**6.0" Corner 45° Block  
Top View**

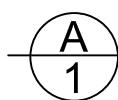
Note : Tie flange Width of 1-3/8" for Fastening behind SF logo



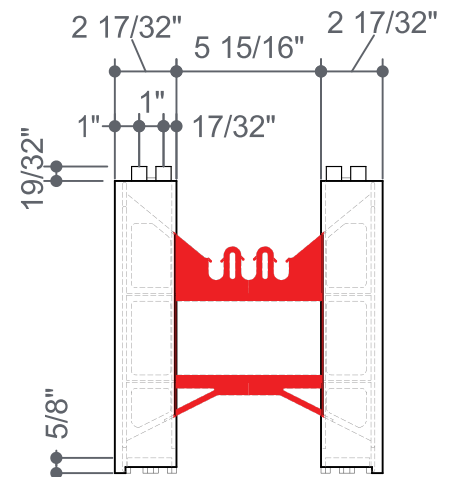
**6.0" Corner 45° Block  
Outside Corner Side Elevation**



**Typical Tie Detail**



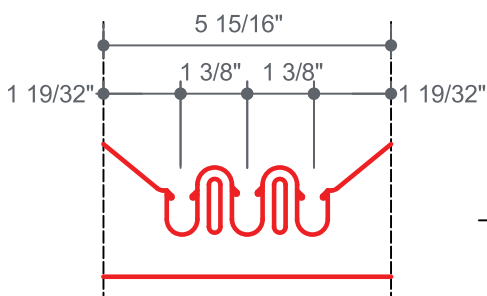
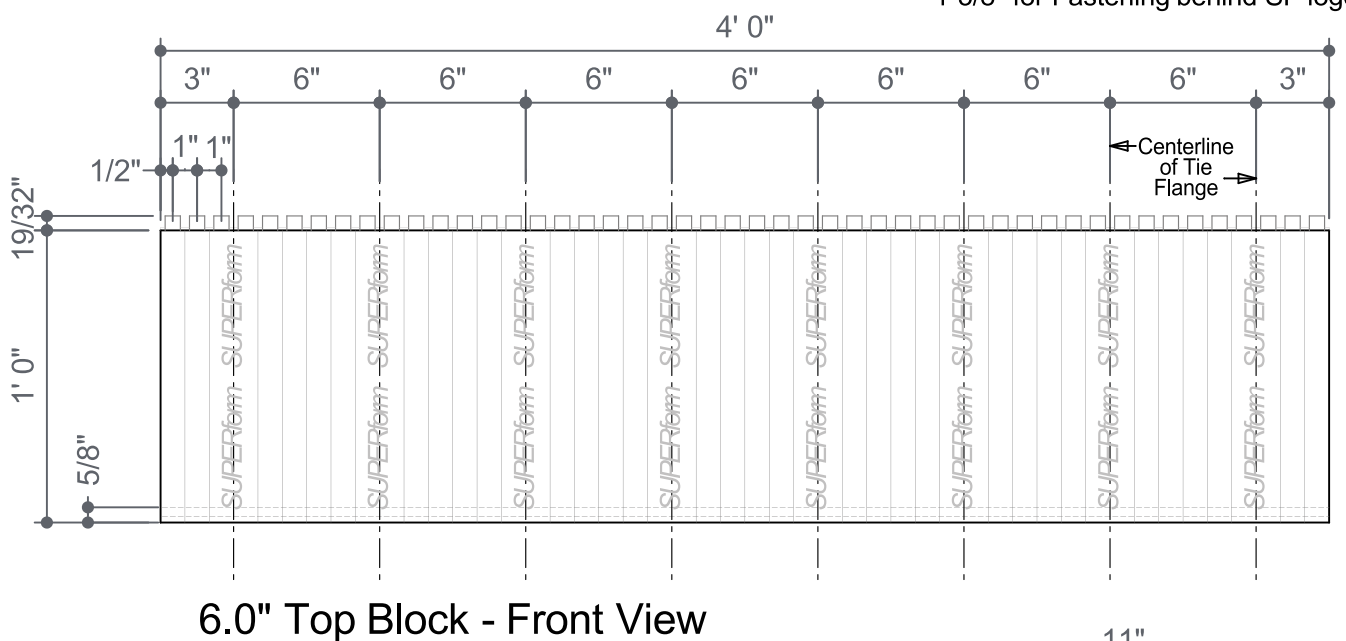
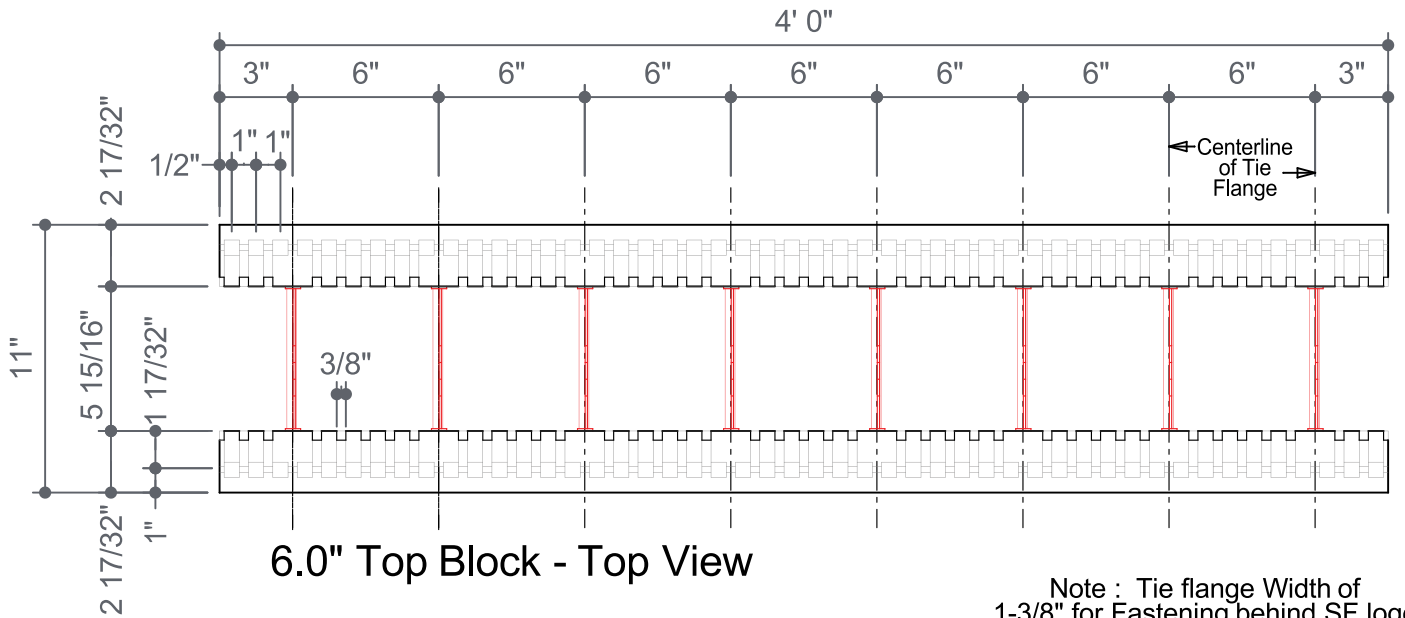
**Corner 45° Block  
Typical Section**



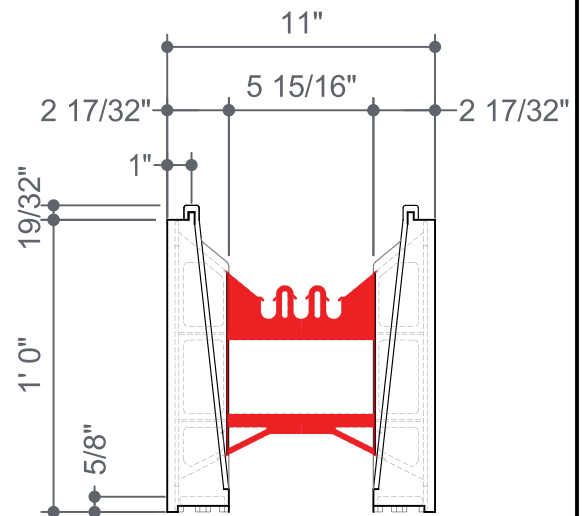
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**6" Corner 45° Block**

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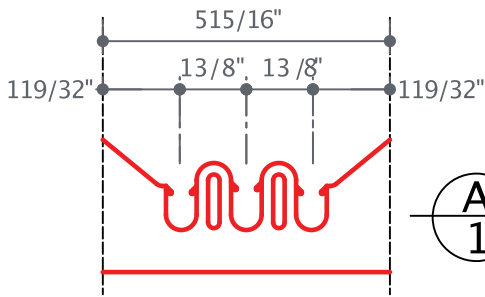
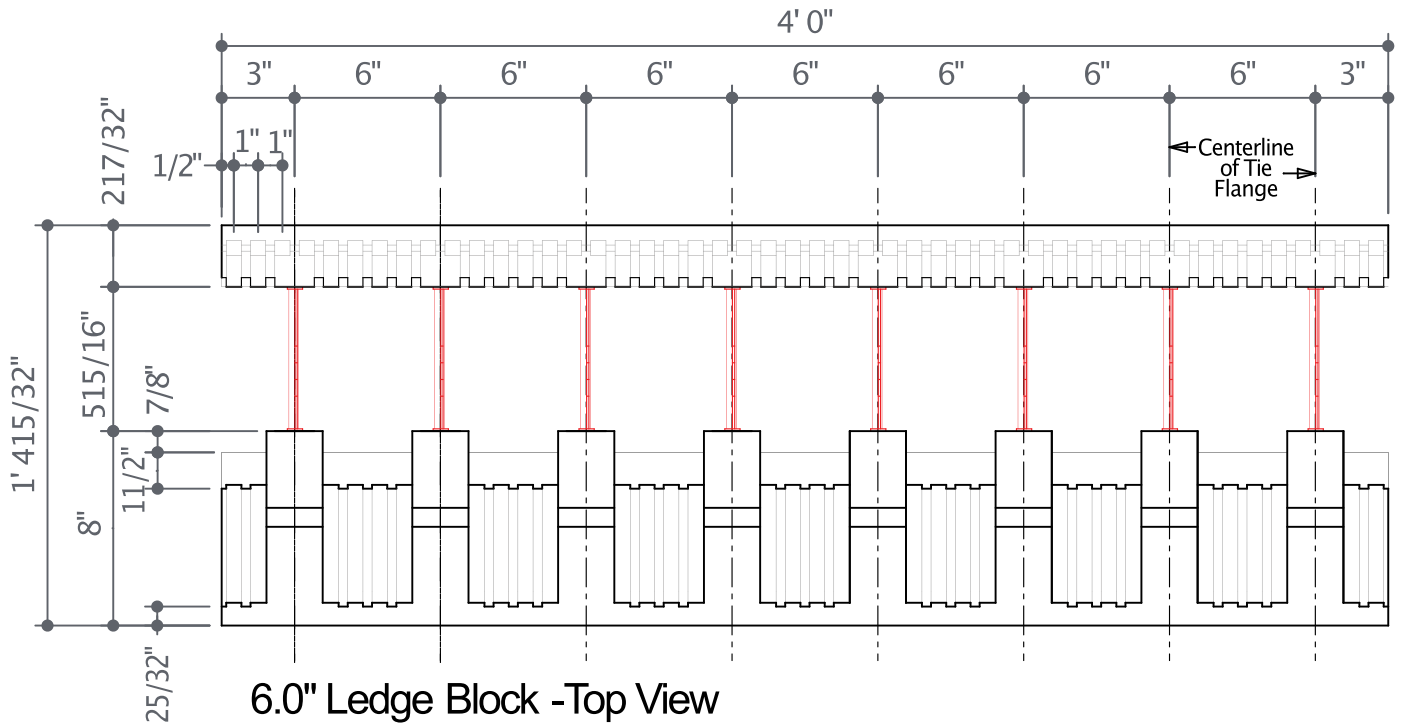
**A**  
1  
6.0" Top Block  
Typical Section



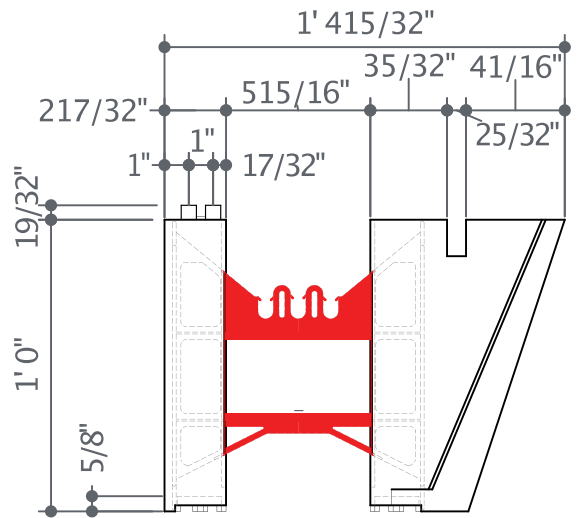
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## 6" Top Block

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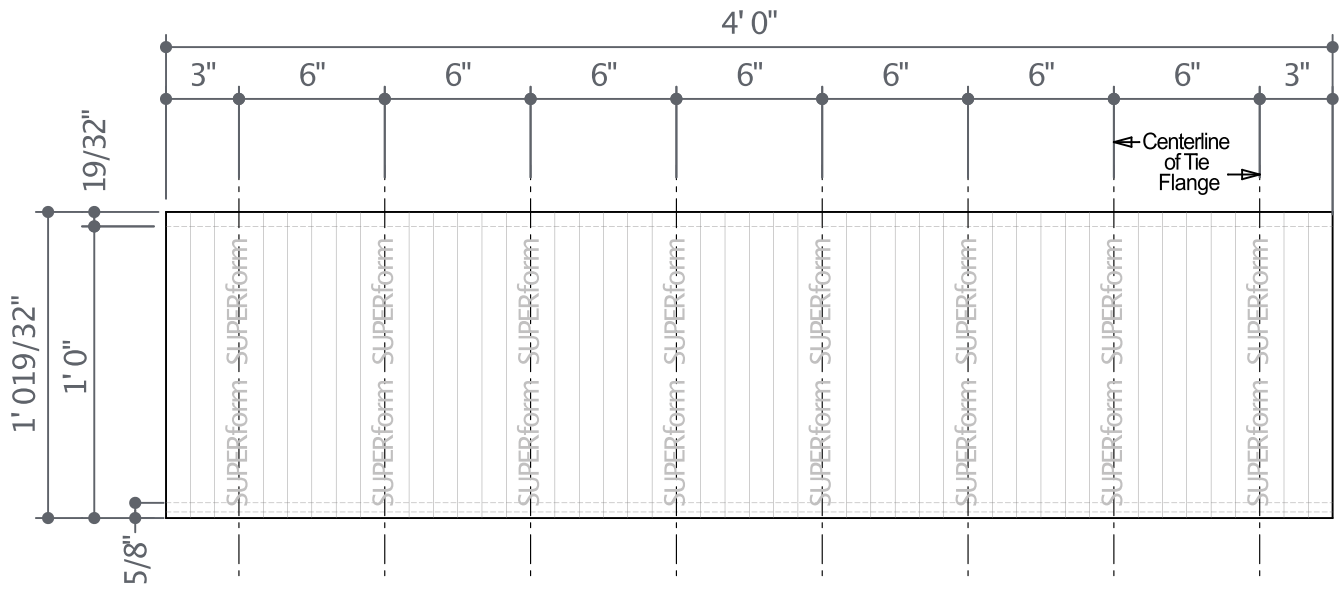
**A**  
**1** 6.0" Ledge Block  
Typical Section



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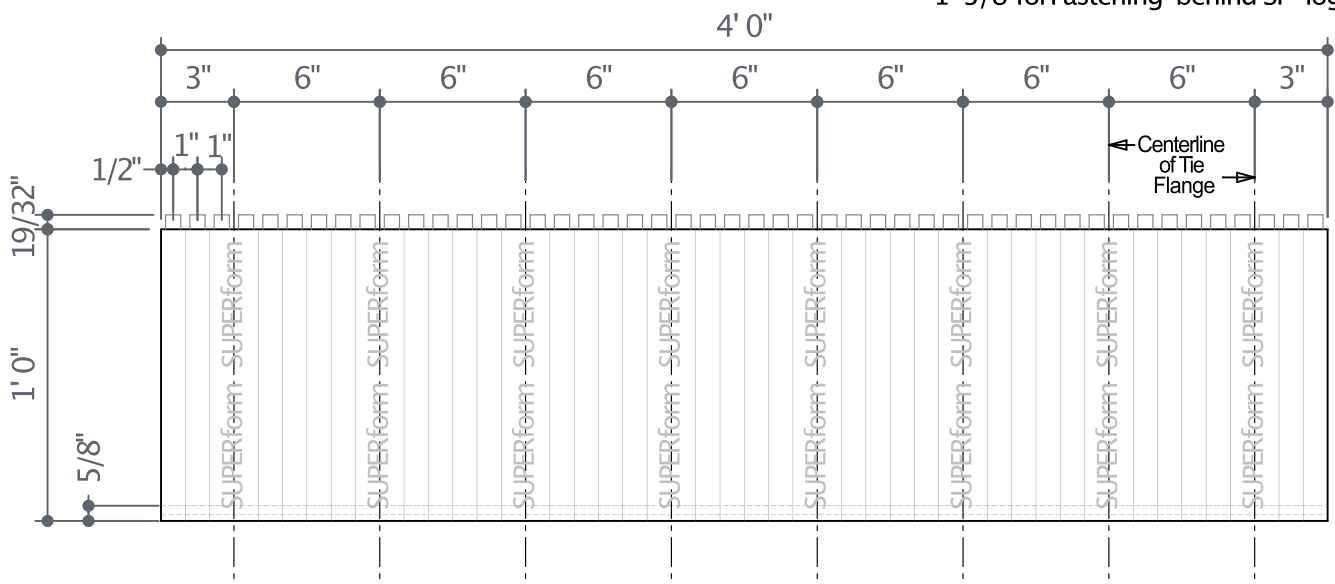
## 6" Brick Ledge Block

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6.0" Ledge Block -Front View

Note : Tie flange Widthof 1-3/8"forFastening behind SF logo



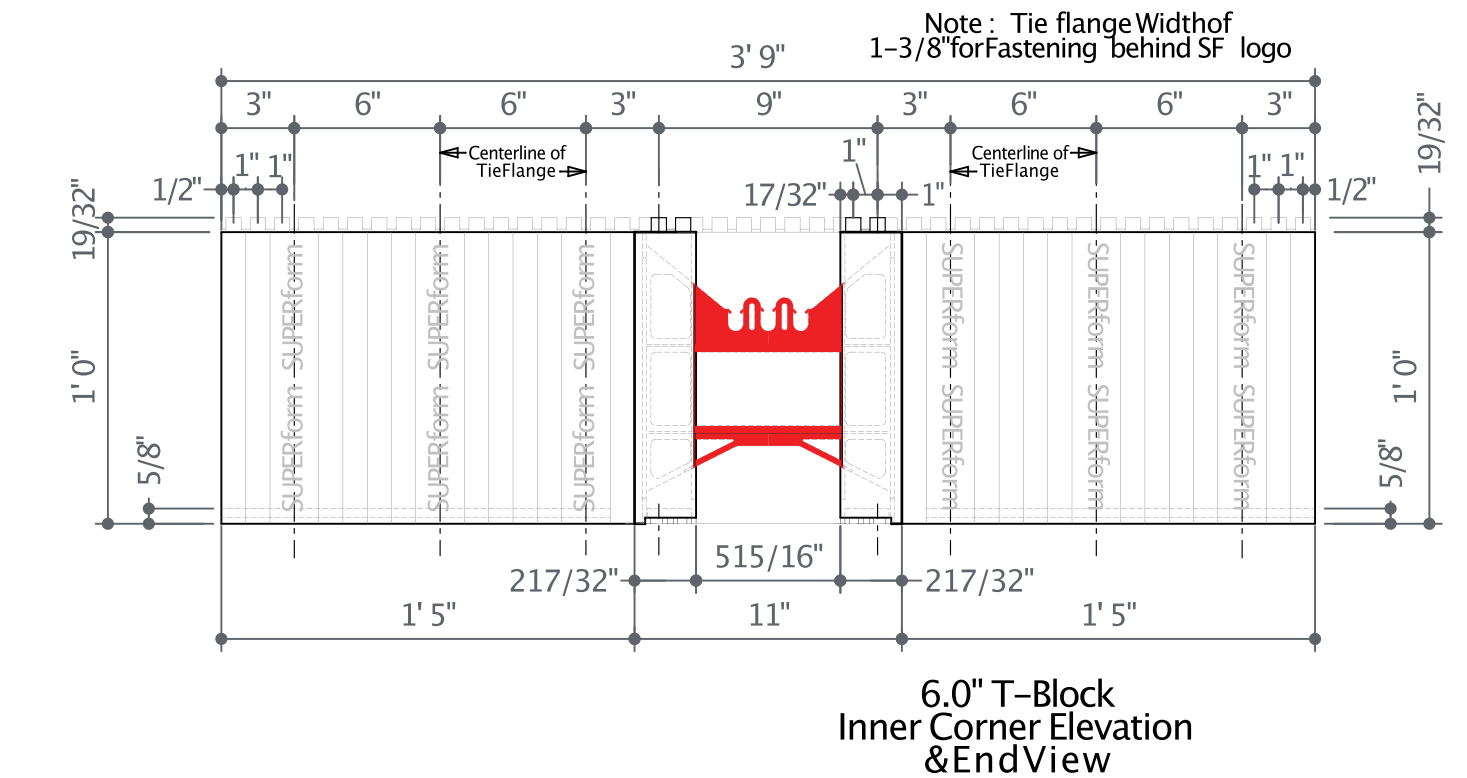
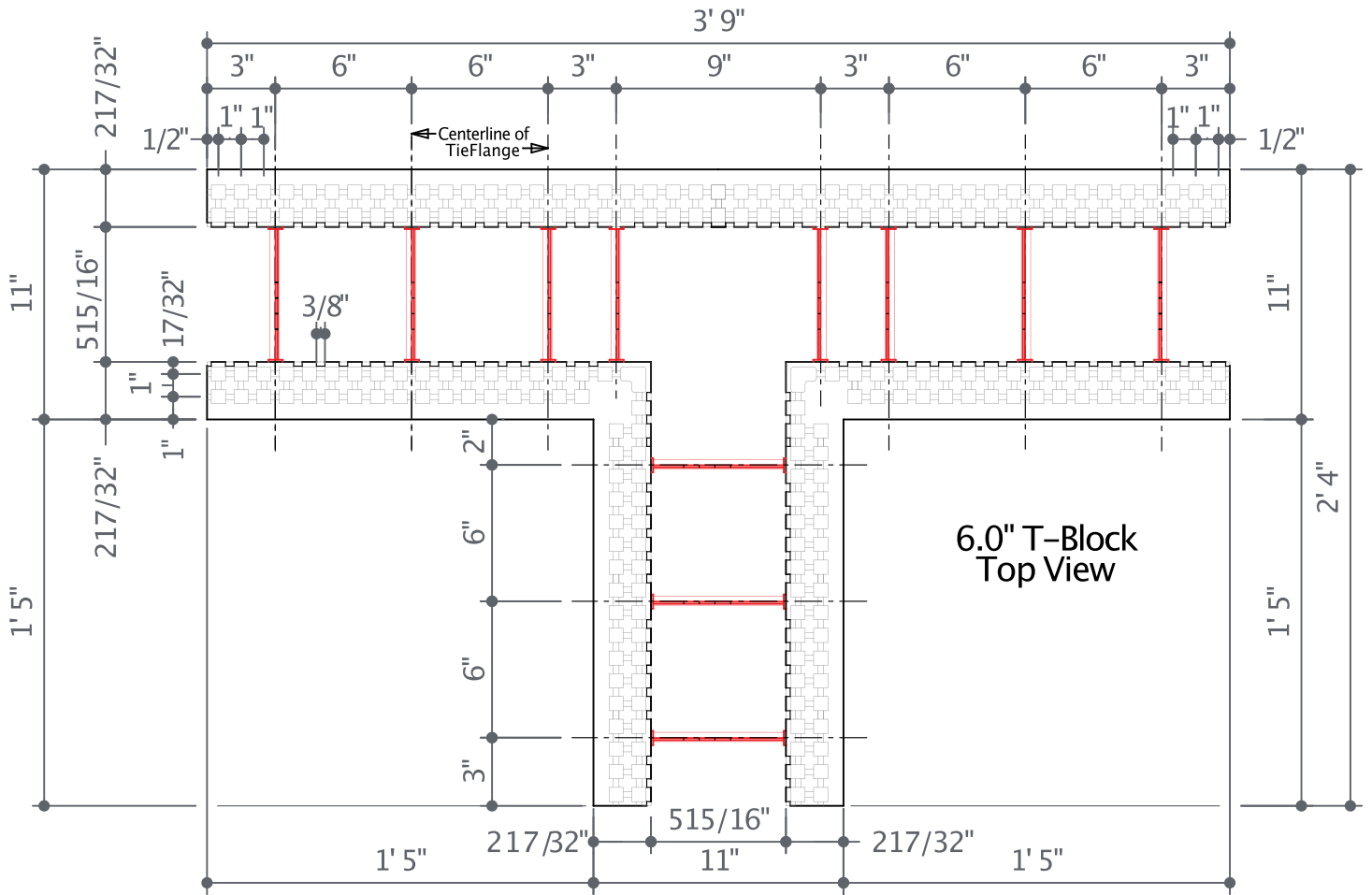
6.0" Ledge Block -Back View



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## 6.0" Brick Ledge Block

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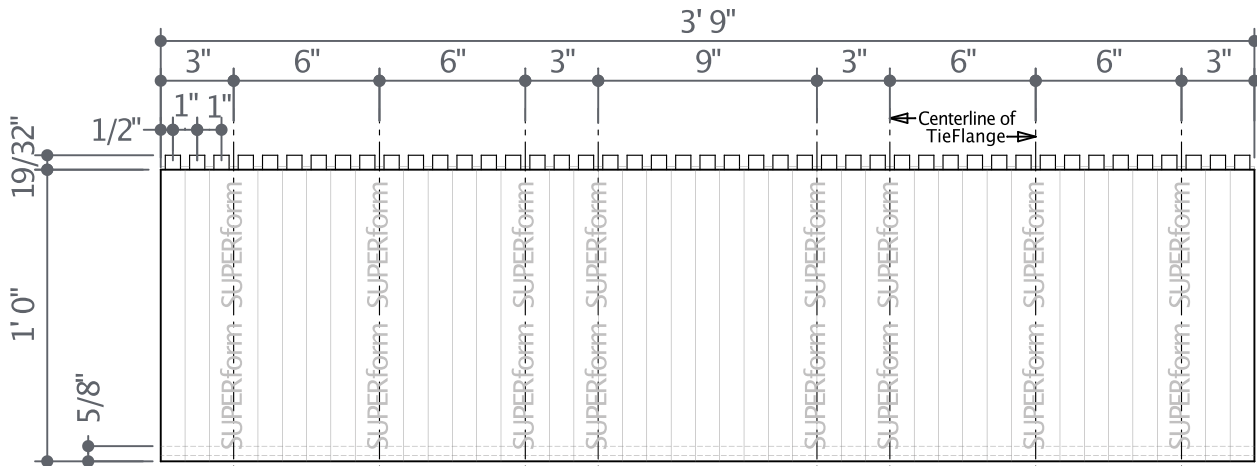


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## 6" T-Block

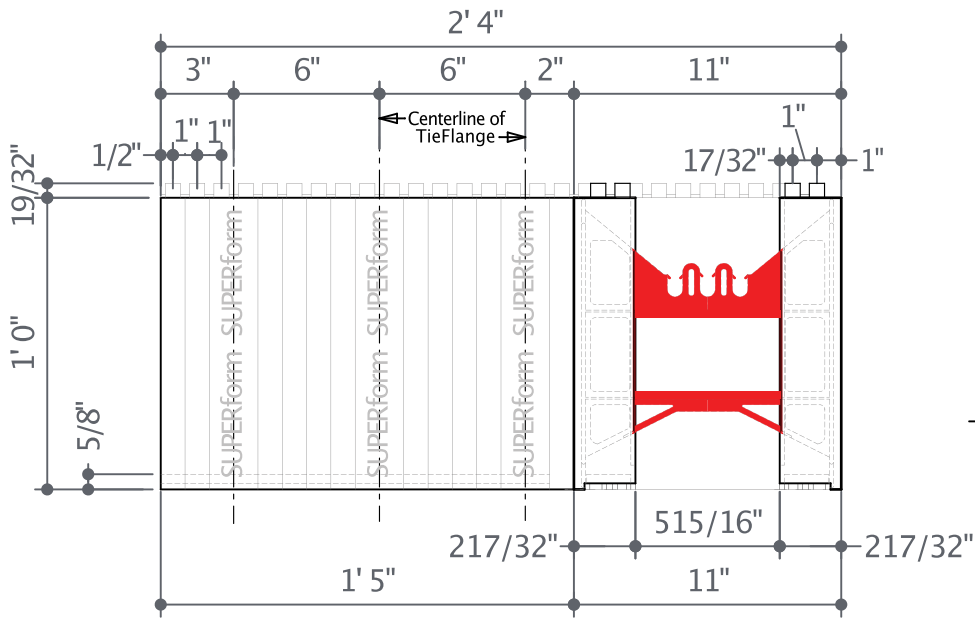
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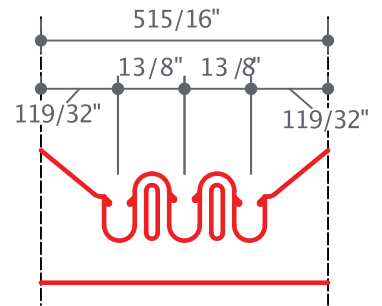


6.0" T-Block  
Straight Side Elevation

Note: Tie flange Width of 1-3/8" for Fastening behind SF logo



6.0" T-Block  
Inner Corner Side Elevation  
& End View



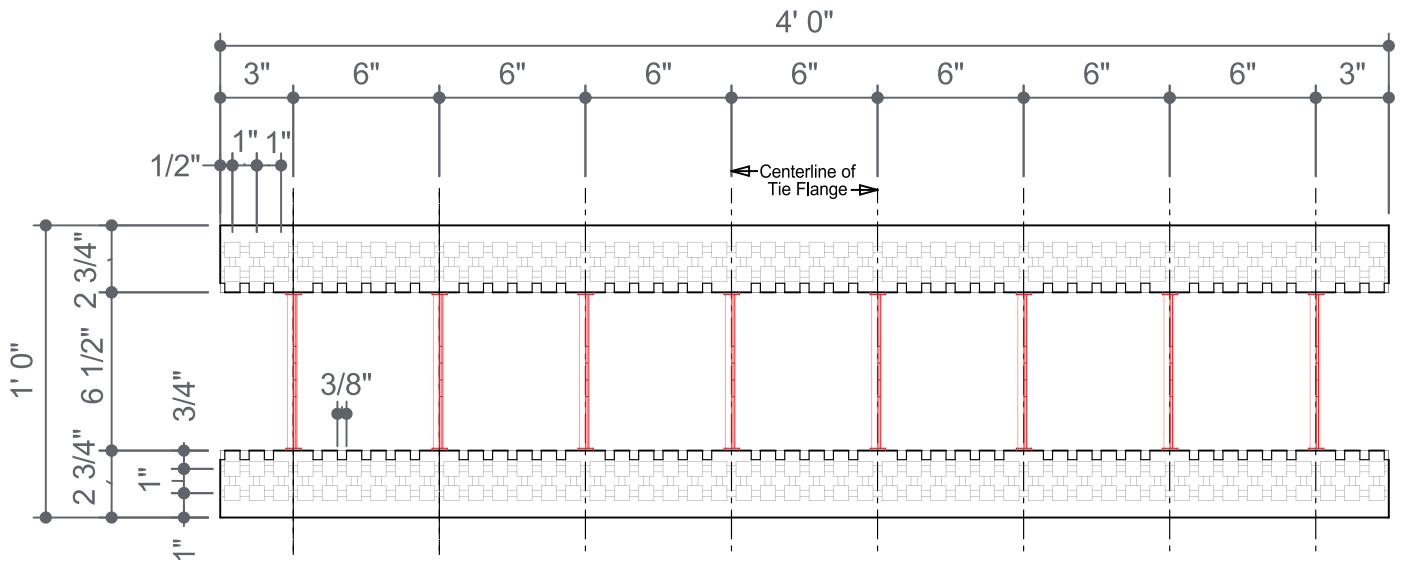
**A**  
**1** Typical Block  
Tie Detail



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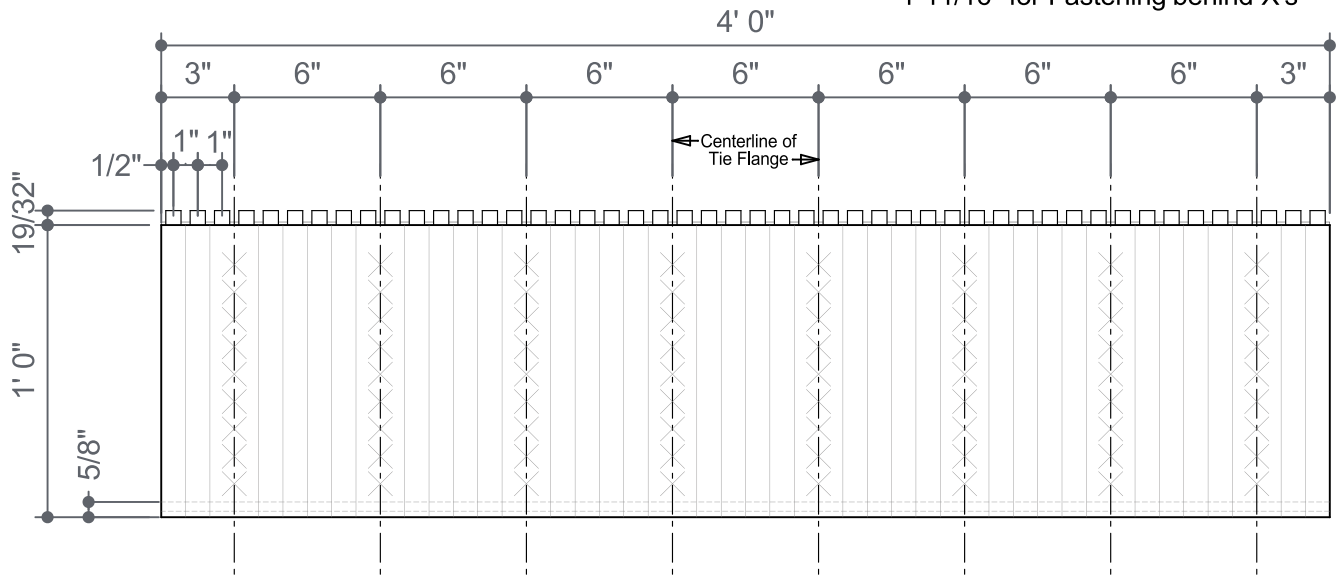
### 6" T-Block

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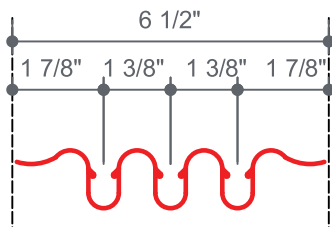


6.5" Standard Block - Top View

Note : Tie flange Width of 1-11/16" for Fastening behind X's

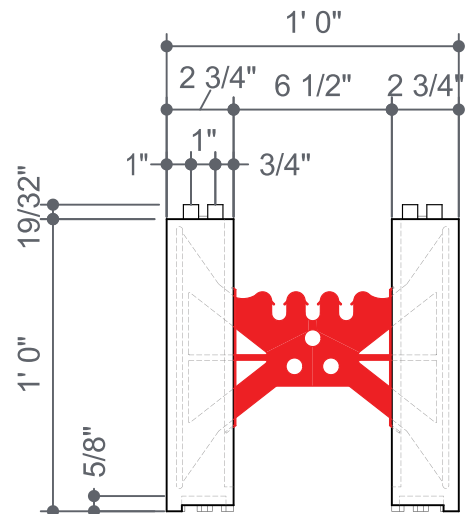


6.5" Standard Block - Front View



Typical Tie Detail

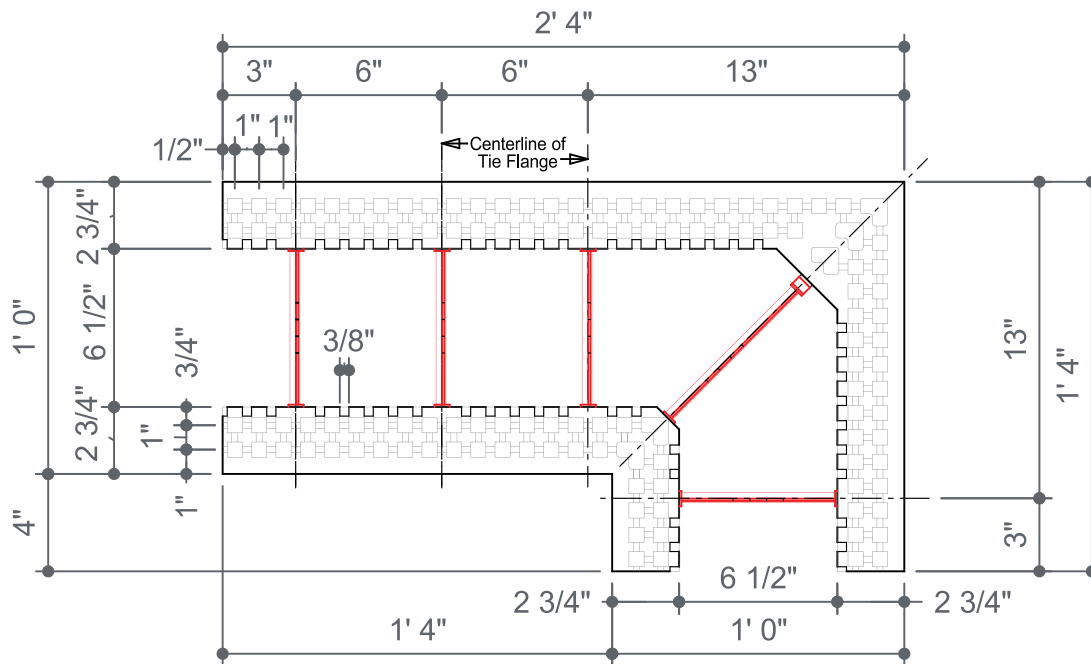
**A**  
**1** 6.5" Standard Block  
Typical Section



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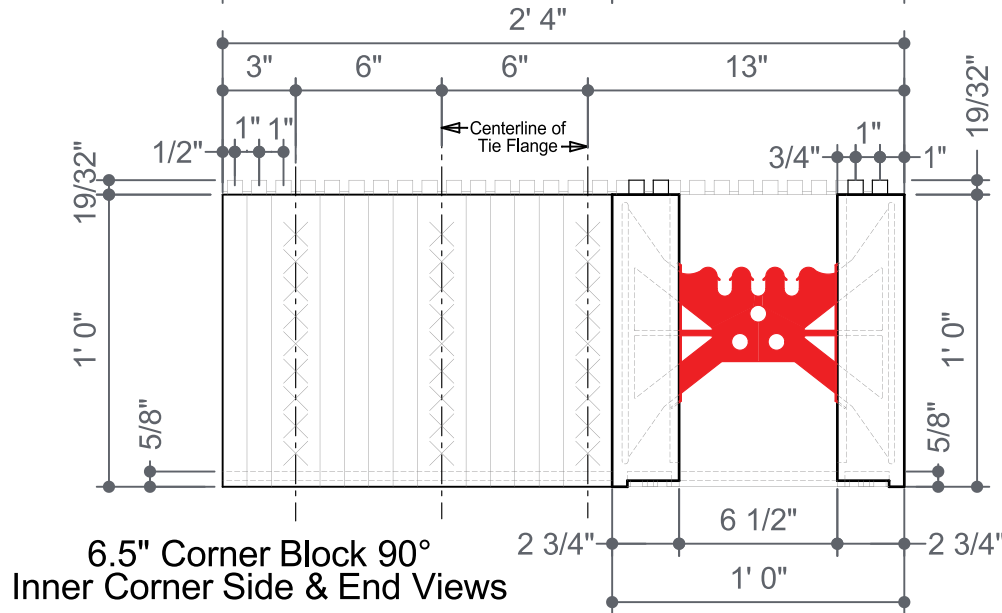
### 6.5" Standard Block

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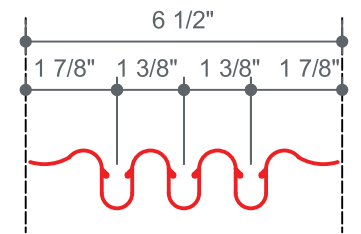


6.5" Corner Block 90°  
Top View

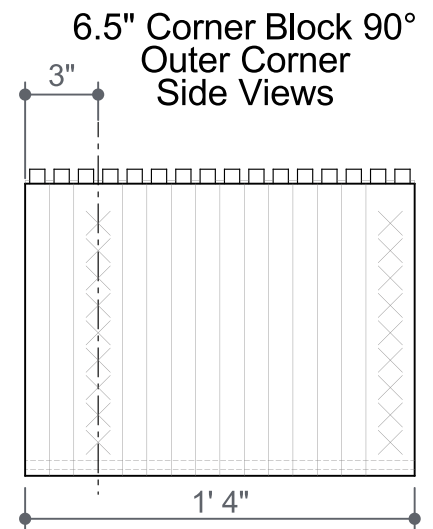
Note : Tie flange Width of 1-11/16" for Fastening behind X's



6.5" Corner Block 90°  
Inner Corner Side & End Views



**A** Typical Block  
1 Tie Detail



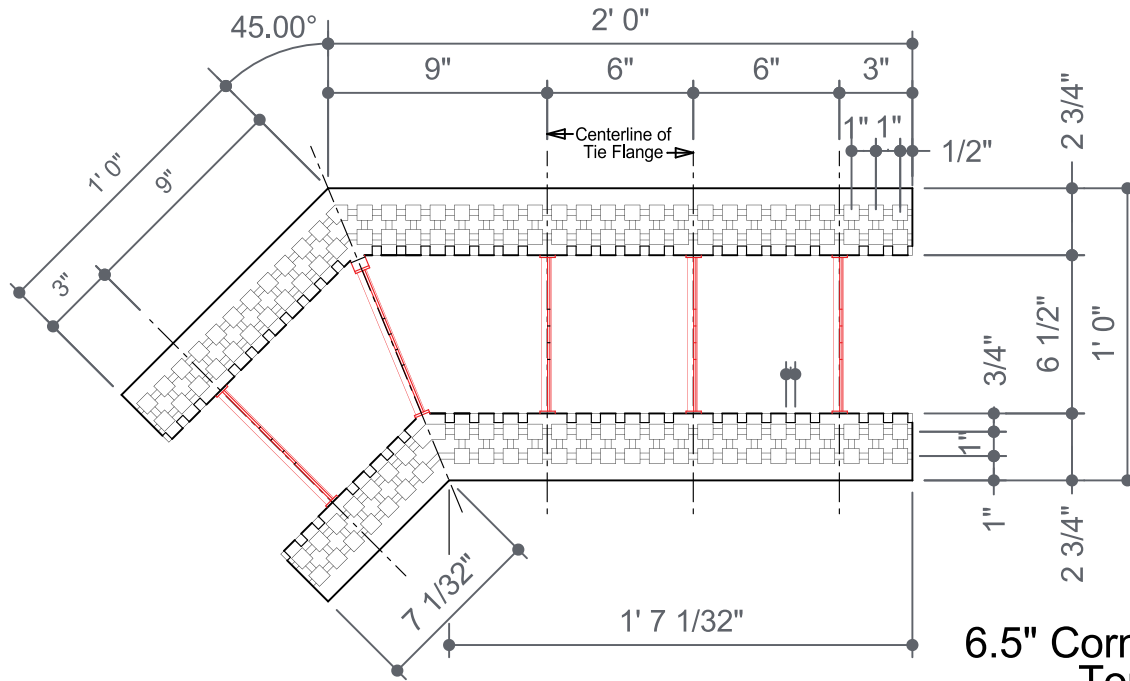
6.5" Corner Block 90°  
Outer Corner  
Side Views



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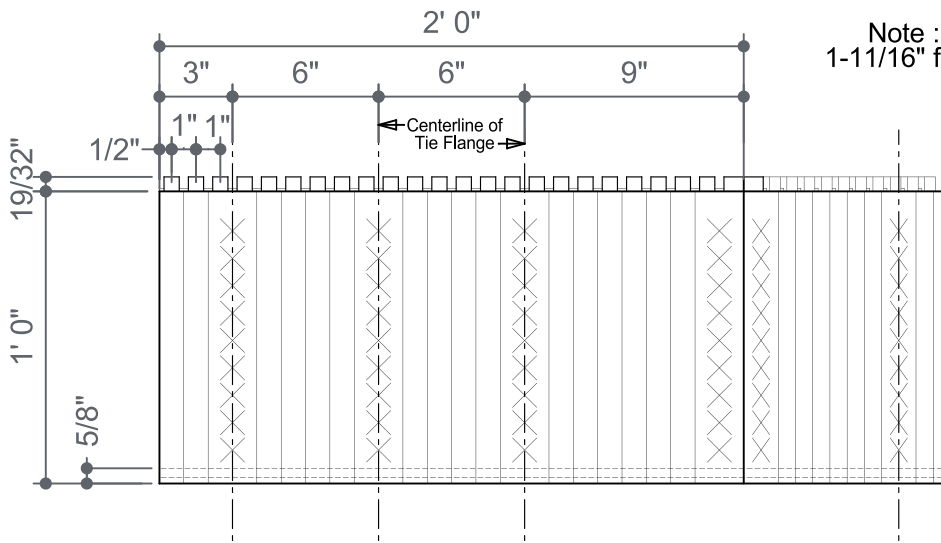
6.5" Corner Block 90° Right Corner

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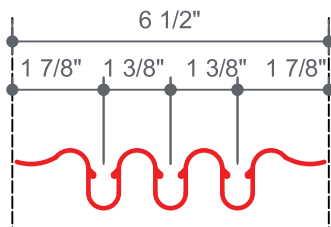


**6.5" Corner 45° Block  
Top View**

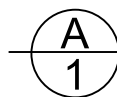
Note : Tie flange Width of 1-11/16" for Fastening behind X's



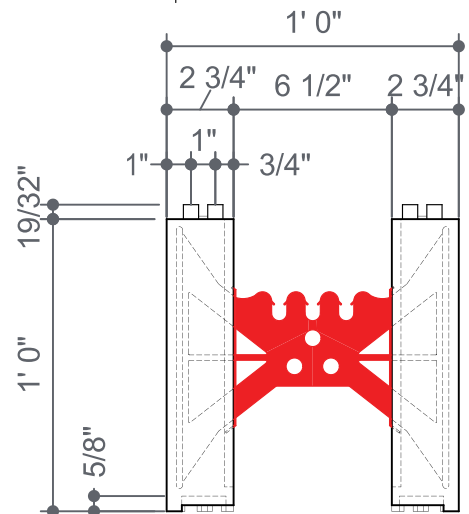
**6.5" Corner 45° Block  
Outside Corner Side Elevation**



**Typical Tie Detail**



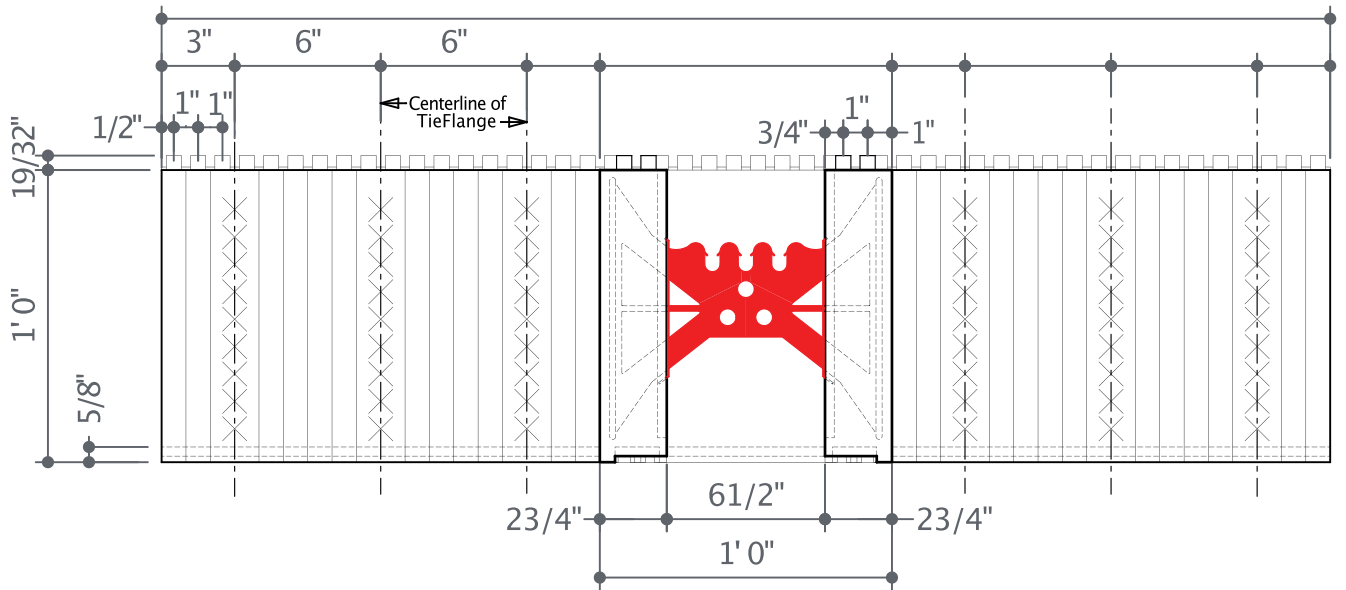
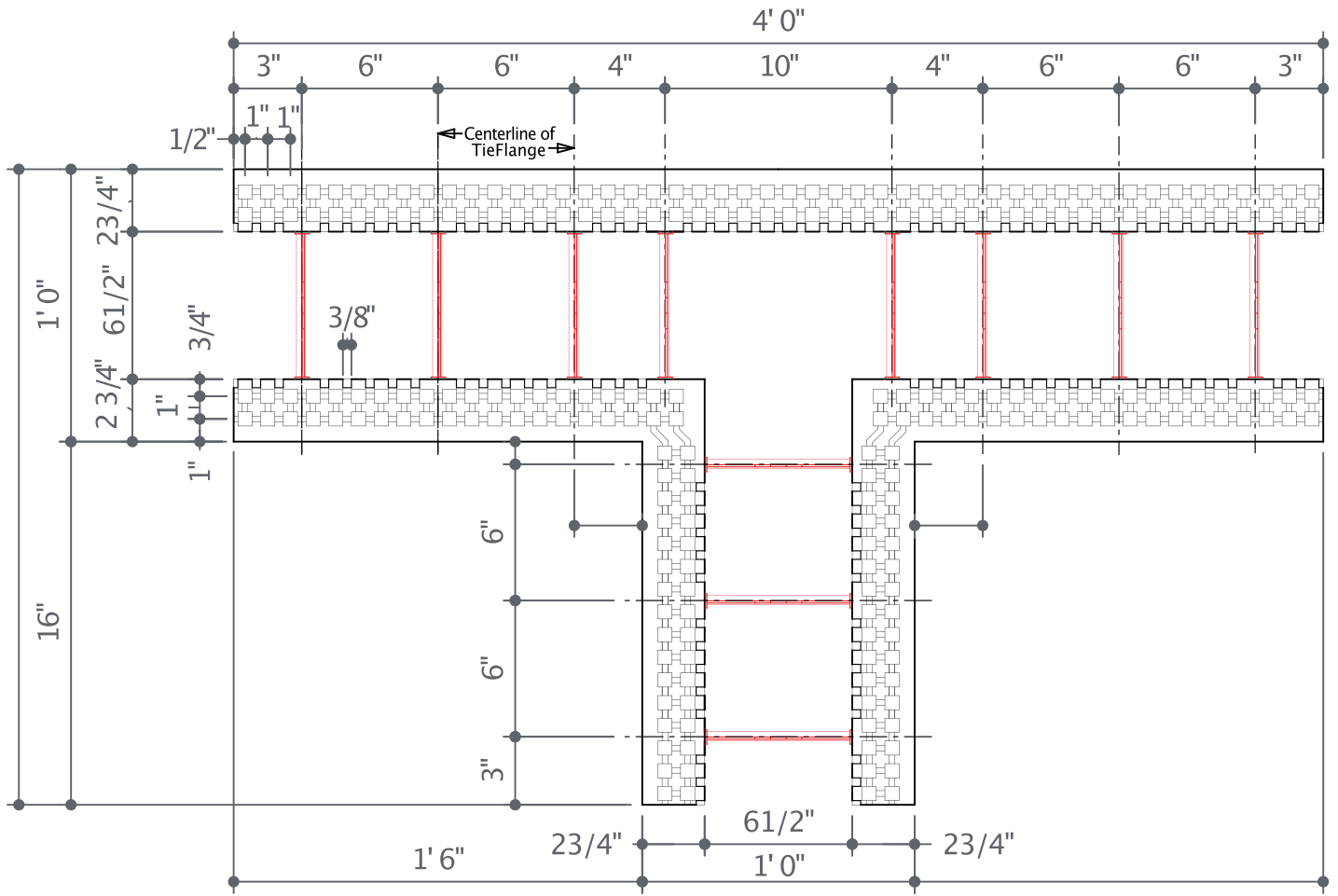
**Corner 45° Block  
Typical Section**



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**6.5" Corner 45° Block**

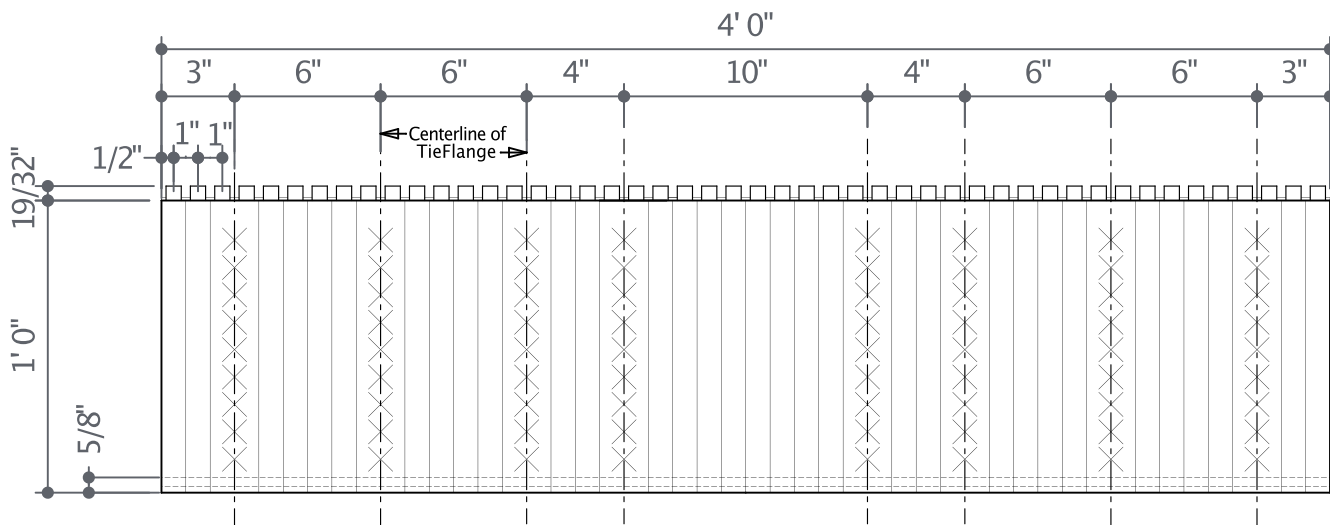
Drawn By: Laura Trent | Date: April 2010 | Pg No: 1 of 1 | DWG No: 1.3.3  
Copyright © Superform Products Ltd. 2012



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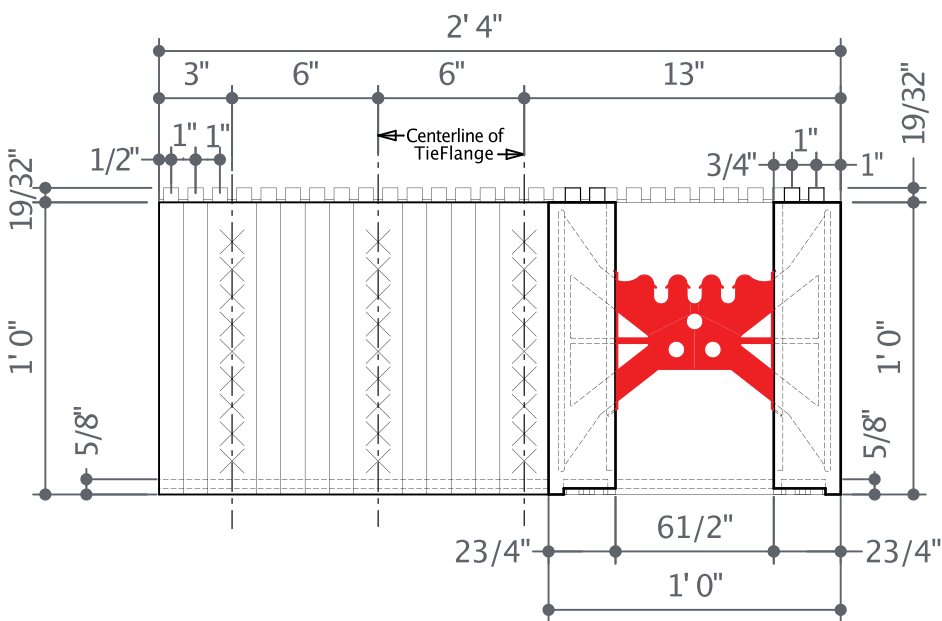
## 6.5" T - Block

Drawn By: Laura Trent | Date: April 2010 | Pg No: 1 of 2 | DWG No: 1.3.4  
 Copyright © Superform Products Ltd. 2012

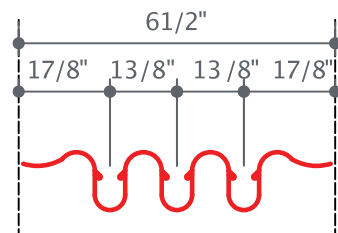


**6.5" T-Block  
Straight Side Elevation**

Note : Tie flange Width of 1-11/16" for Fastening behind X's



**6.5" T-Block  
Inner Corner Side Elevation  
& End View**



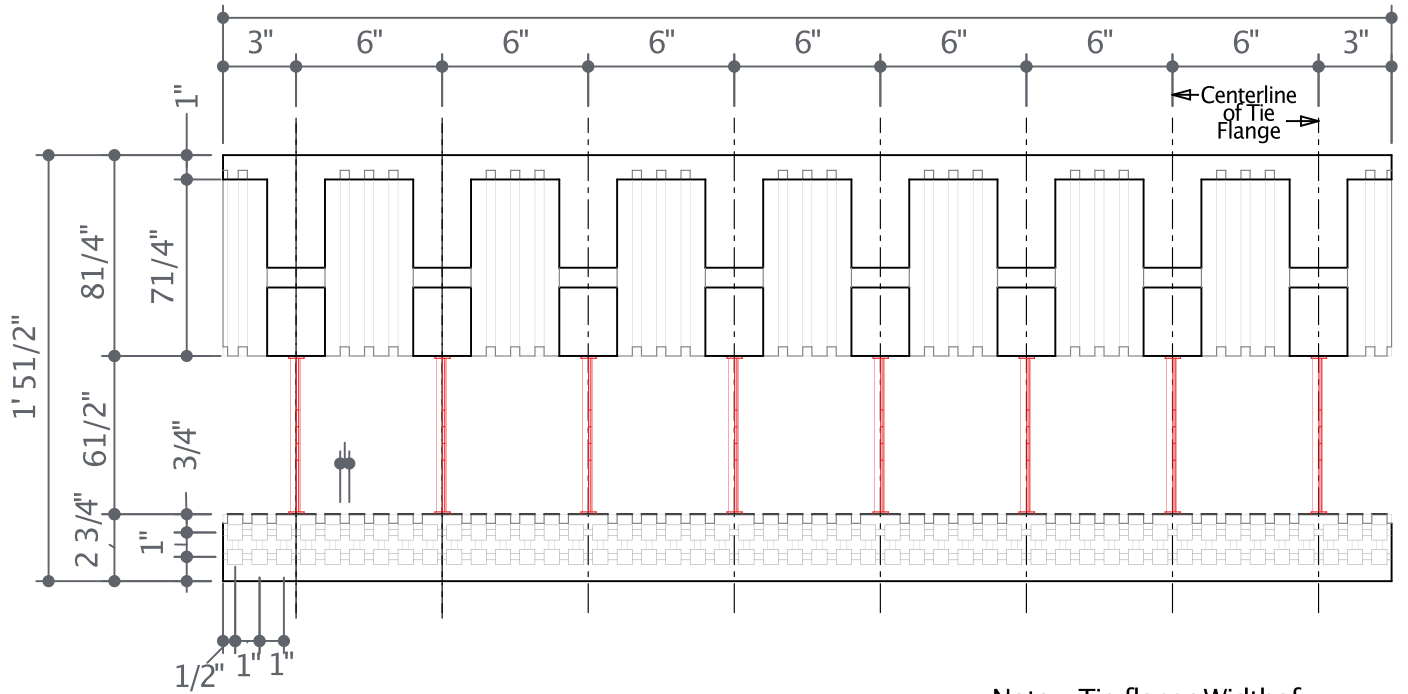
**(A)** Typical Block  
**1** Tie Detail



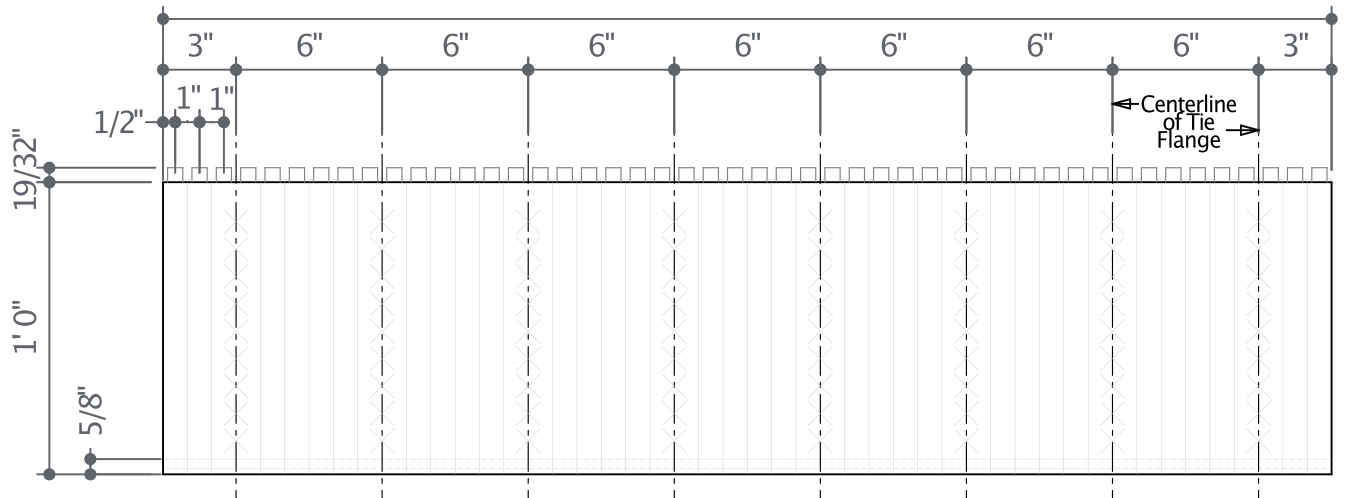
P 877.627.3555 E info@superformicf.ca superformicf.ca  
Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

**6.5" T-Block**

Drawn By: Laura Trent | Date: April 2010 | Pg No: 2 of 2 | DWG No: 1.3.4  
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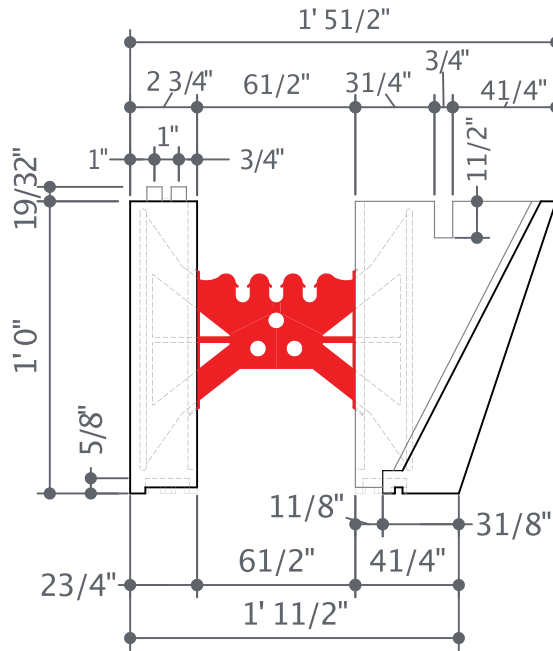
Note: Tie flange Width of 1-11/16" for Fastening behind X's



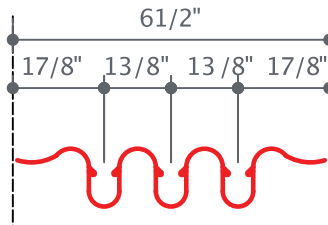
P 877.627.3555 E info@superformicf.ca [superformicf.ca](http://superformicf.ca)  
 Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

## 6.5" Brick Ledge Block

Drawn By: Laura Trent | Date: June 2010 | Pg No: 1 of 2 | DWG No: 1.3.5  
 Copyright © Superform Products Ltd. 2012



**A**  
**1** 6.5" Ledge Block  
Typical Section



6.5" Typical TieDetail

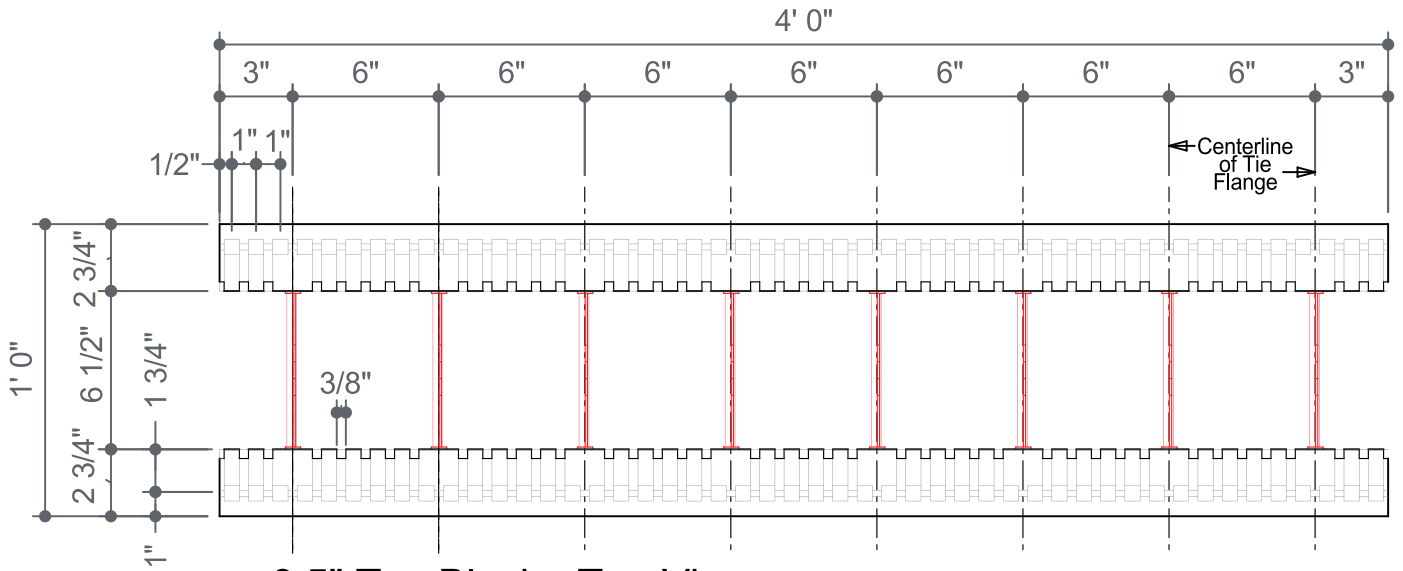


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## 6.5" Brick Ledge Block

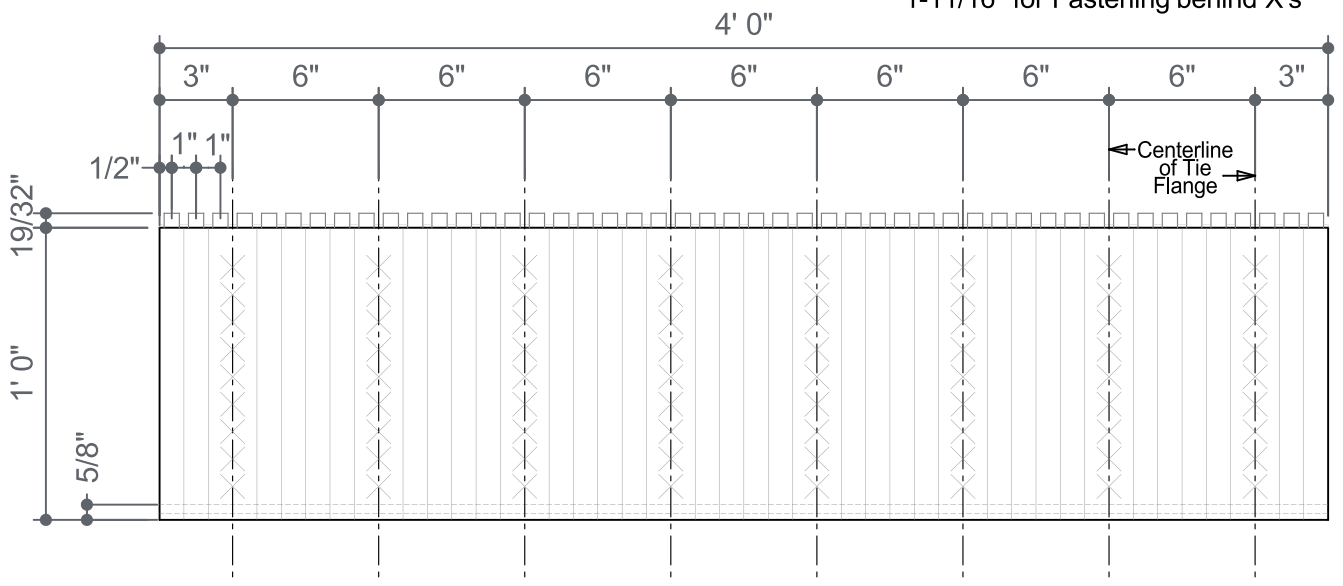
Drawn By: Laura Trent | Date: June 2010 | Pg No: 2 of 2 | DWG No: 1.3.5  
Copyright © Superform Products Ltd. 2012



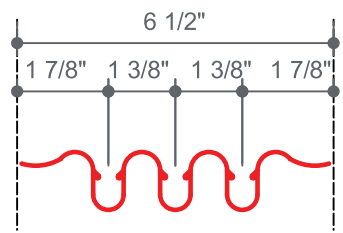


6.5" Top Block - Top View

Note : Tie flange Width of 1-11/16" for Fastening behind X's

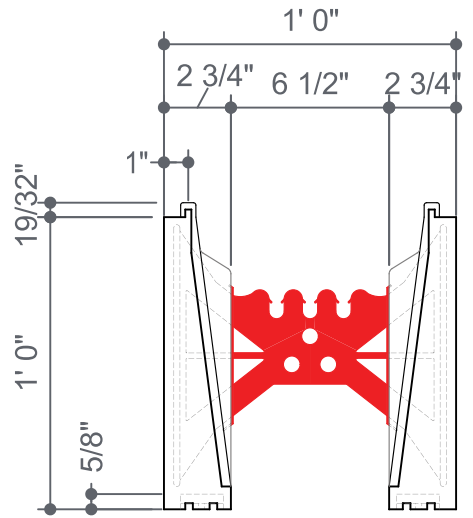


6.5" Top Block - Front View



6" Typical Tie Detail

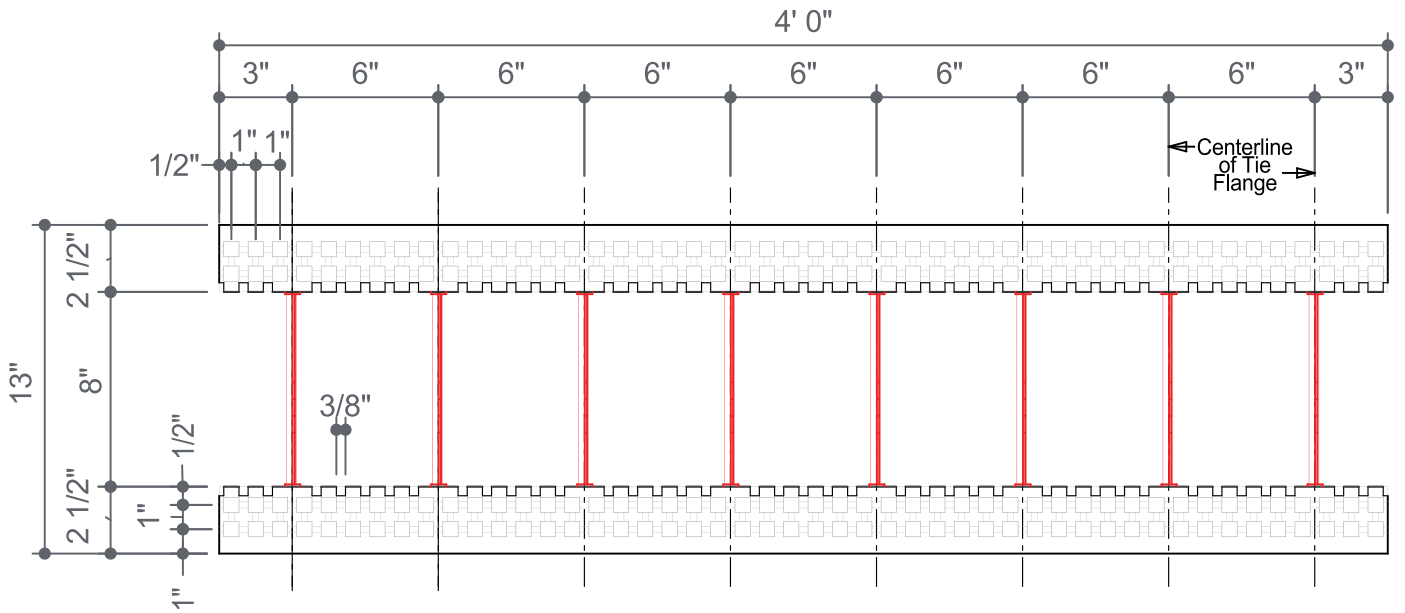
**A**  
1  
6.5" Top Block  
Typical Section



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Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

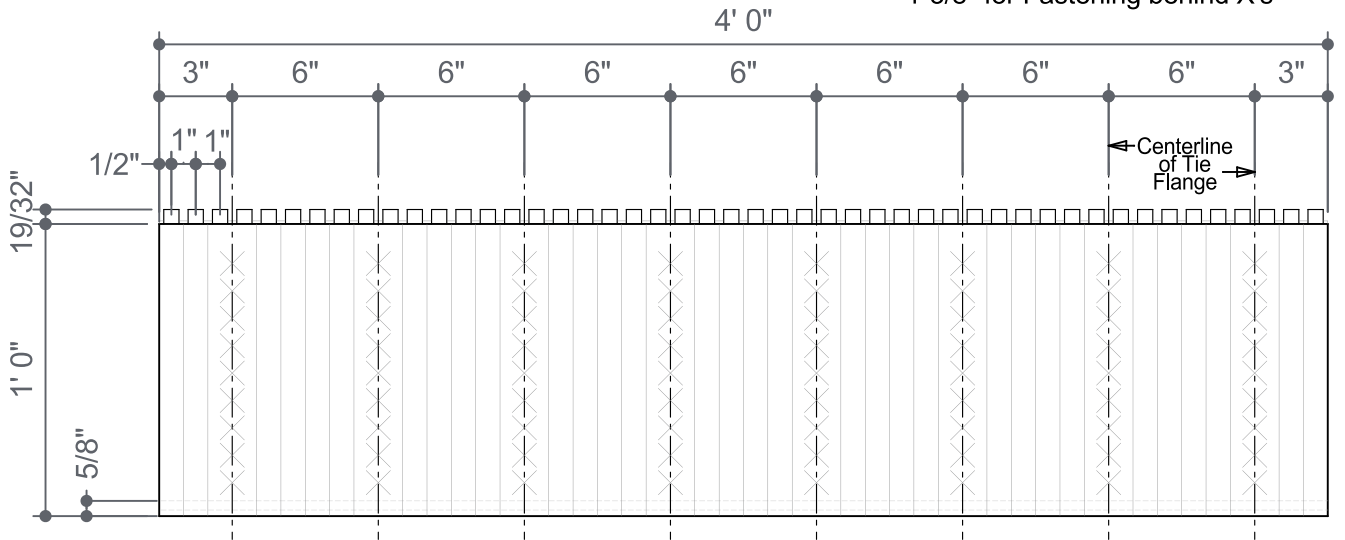
6.5" Top Block

Drawn By: Laura Trent | Date: June 2010 | Pg No: 1 of 1 | DWG No: 1.3.6  
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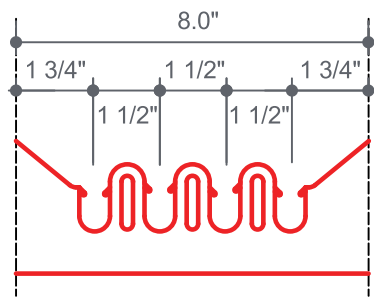


Standard 8" Block - Top View

Note : Tie flange Width of 1-3/8" for Fastening behind X's

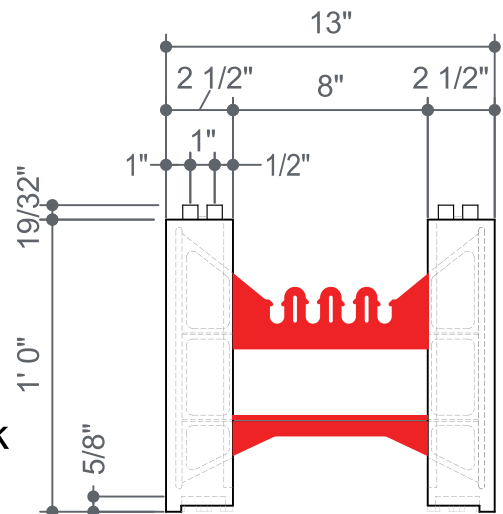


Standard 8" Block - Front View



8" Typical Tie Detail  
Scale 2:1

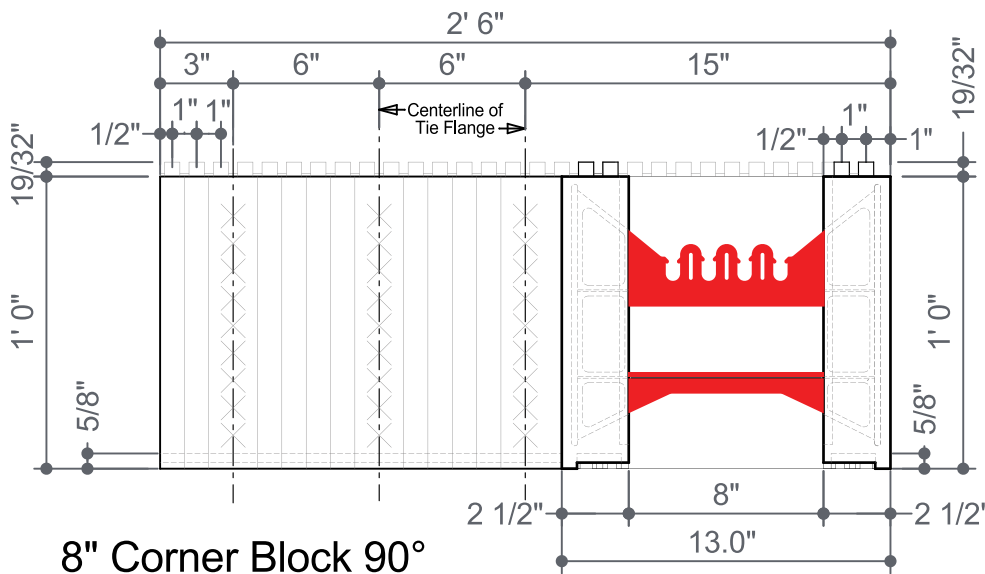
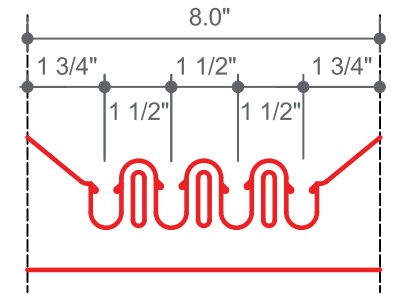
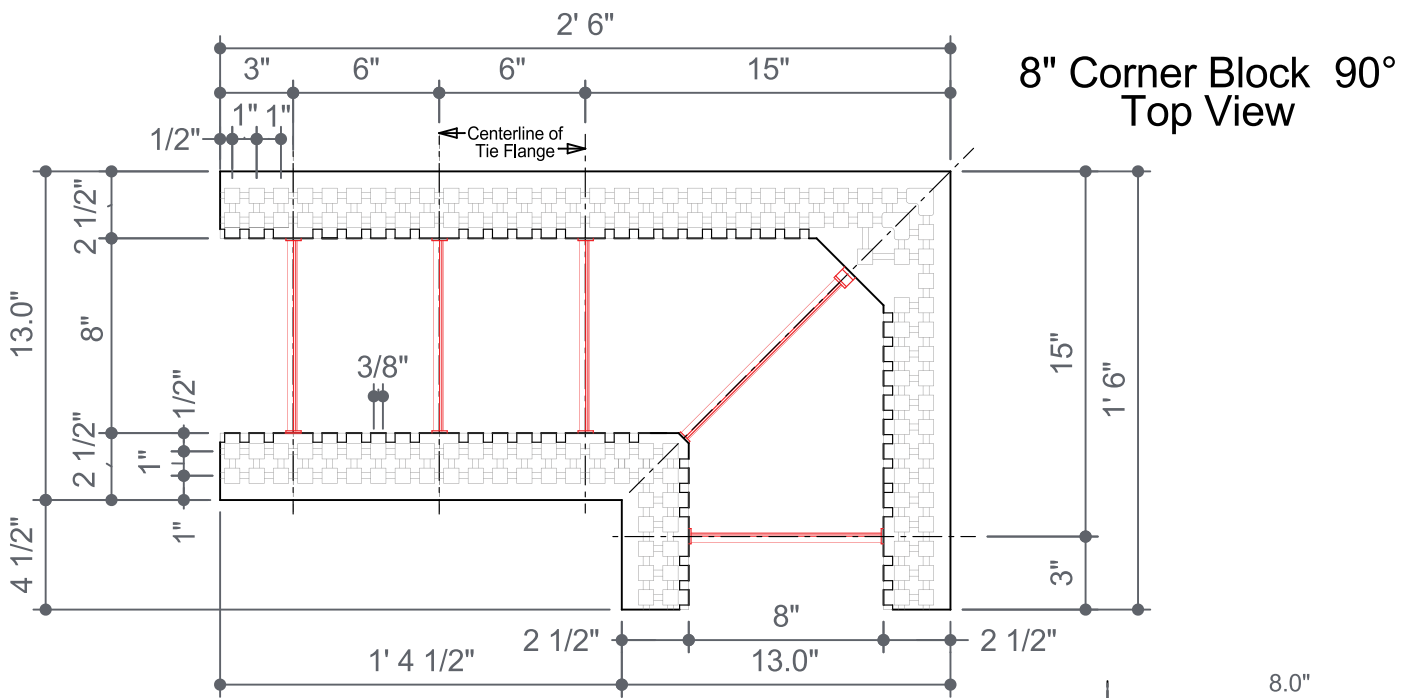
8" Standard Block  
Typical Section



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Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

## 8.0" Standard Block

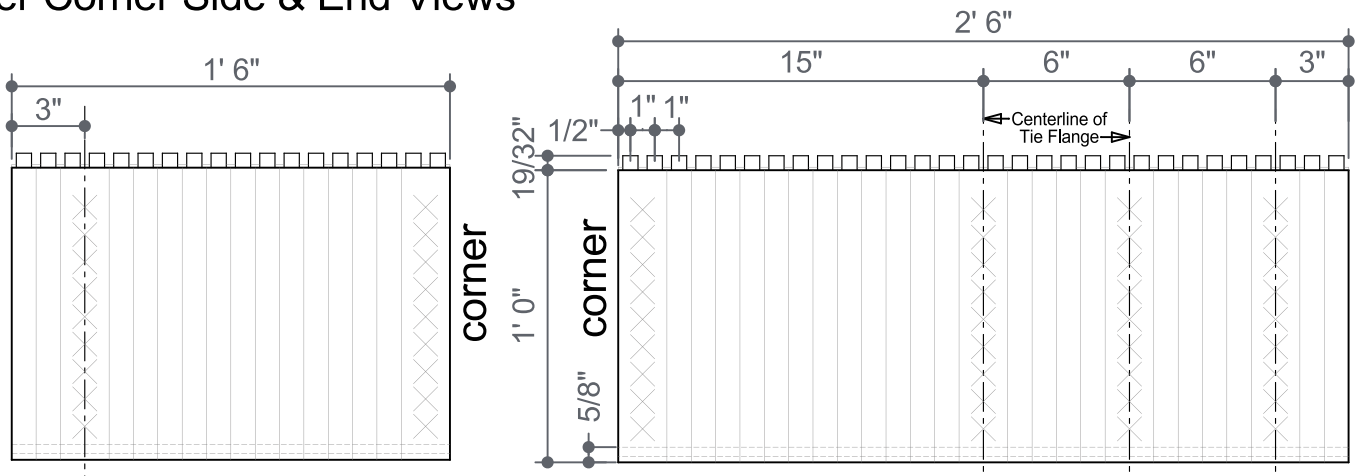
Drawn By: Laura Trent | Date: June 2010 | Pg No: 1 of 1 | DWG No: 1.4.1  
Copyright © Superform Products Ltd. 2019



8" Typical Tie Detail Scale 2:1

8" Corner Block 90° Outer Corner Side Views

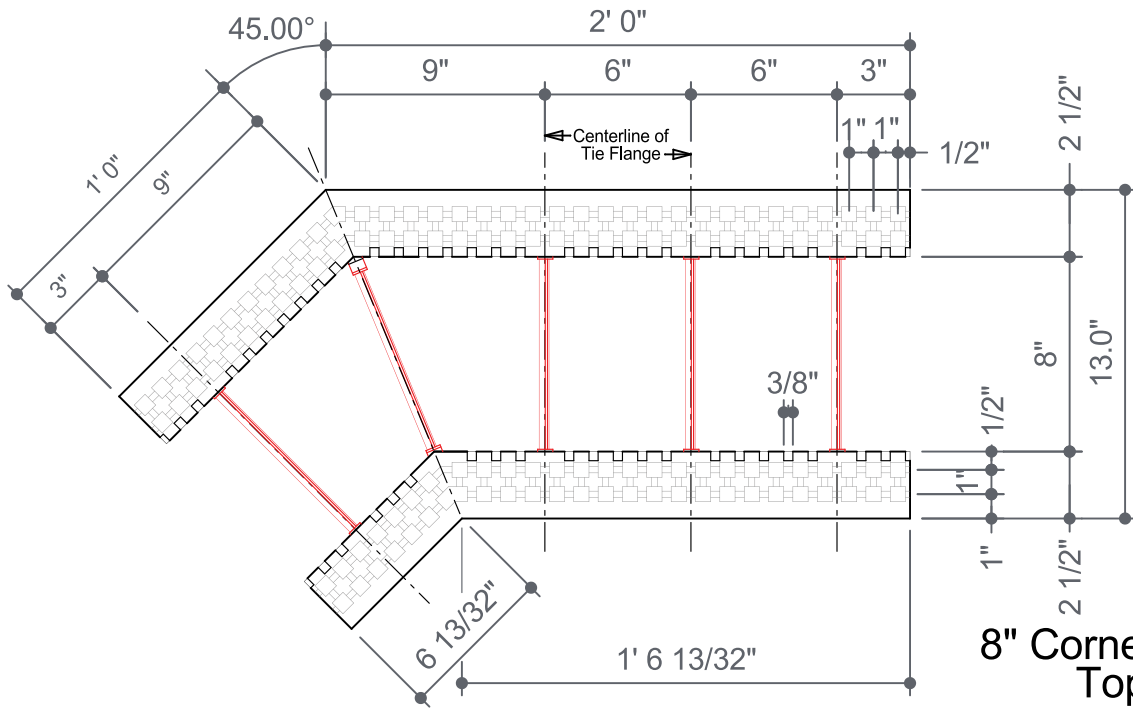
8" Corner Block 90° Inner Corner Side & End Views



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Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

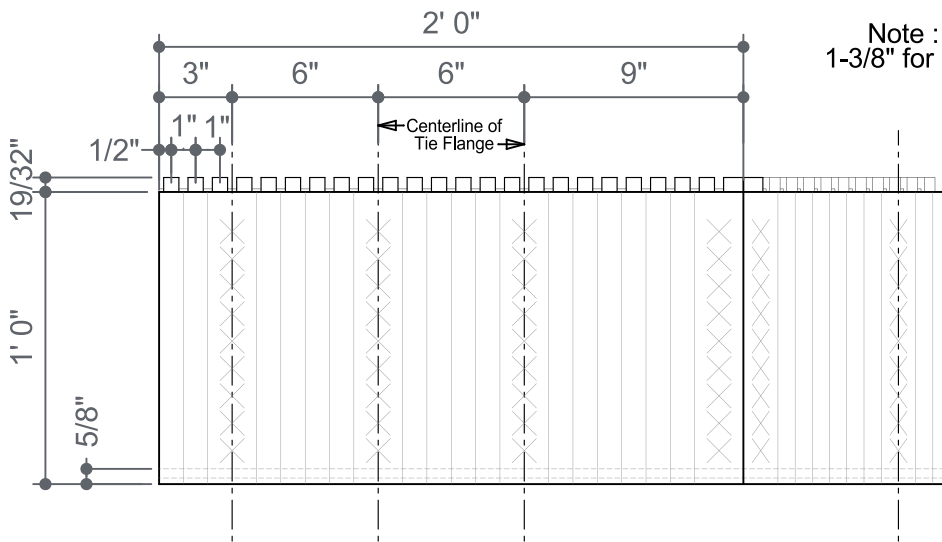
## 8.0" 90° Corner Block

Drawn By: Laura Trent | Date: January 2012 | Pg No: 1 of 1 | DWG No: 1.4.2  
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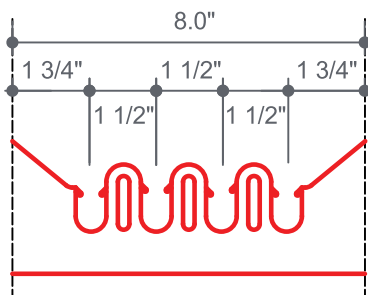


**8" Corner 45° Block  
Top View**

Note : Tie flange Width of 1-3/8" for Fastening behind X's

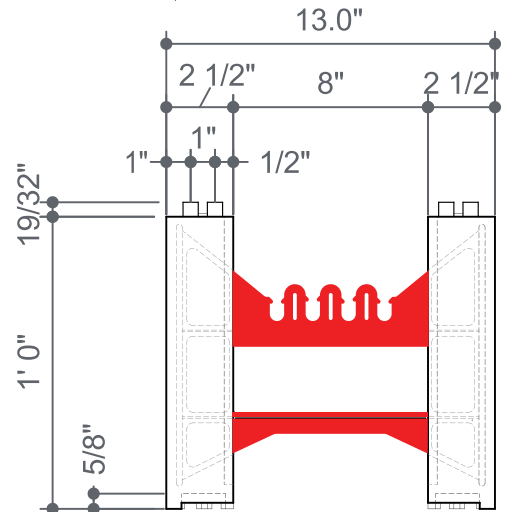


**8" Corner 45° Block  
Outside Corner Side Elevation**



**8" Typical Tie Detail. Scale 2:1**

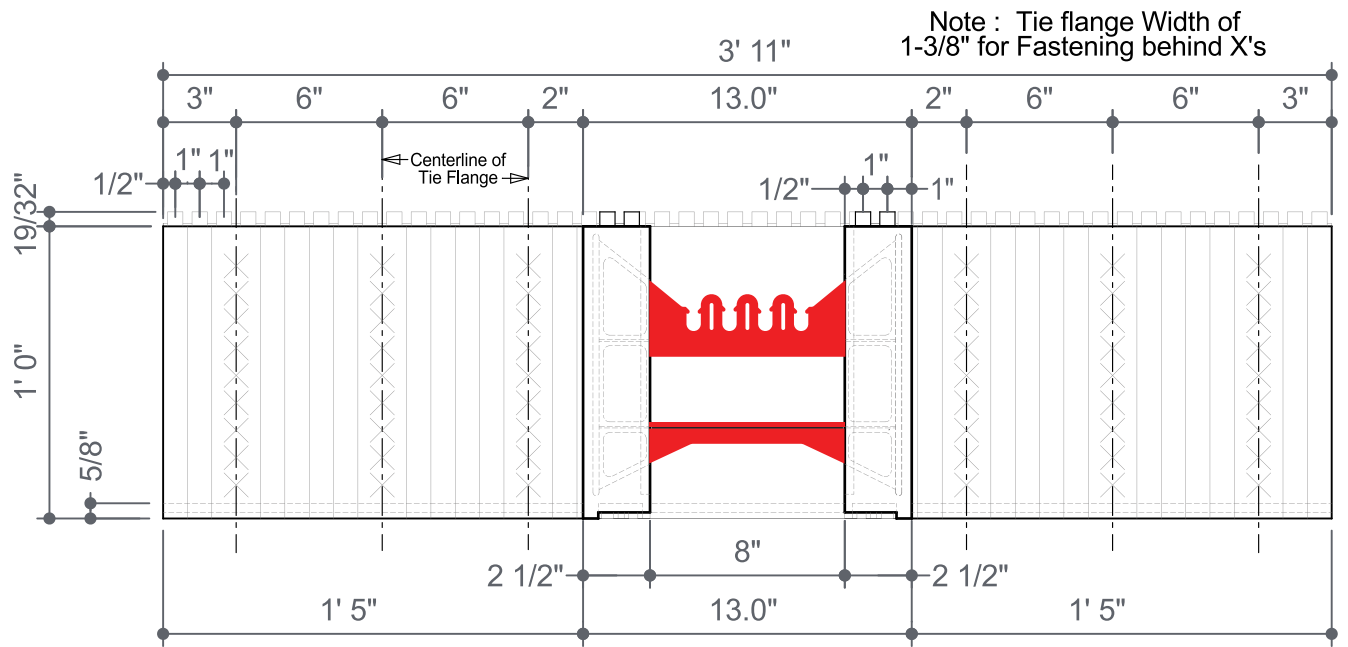
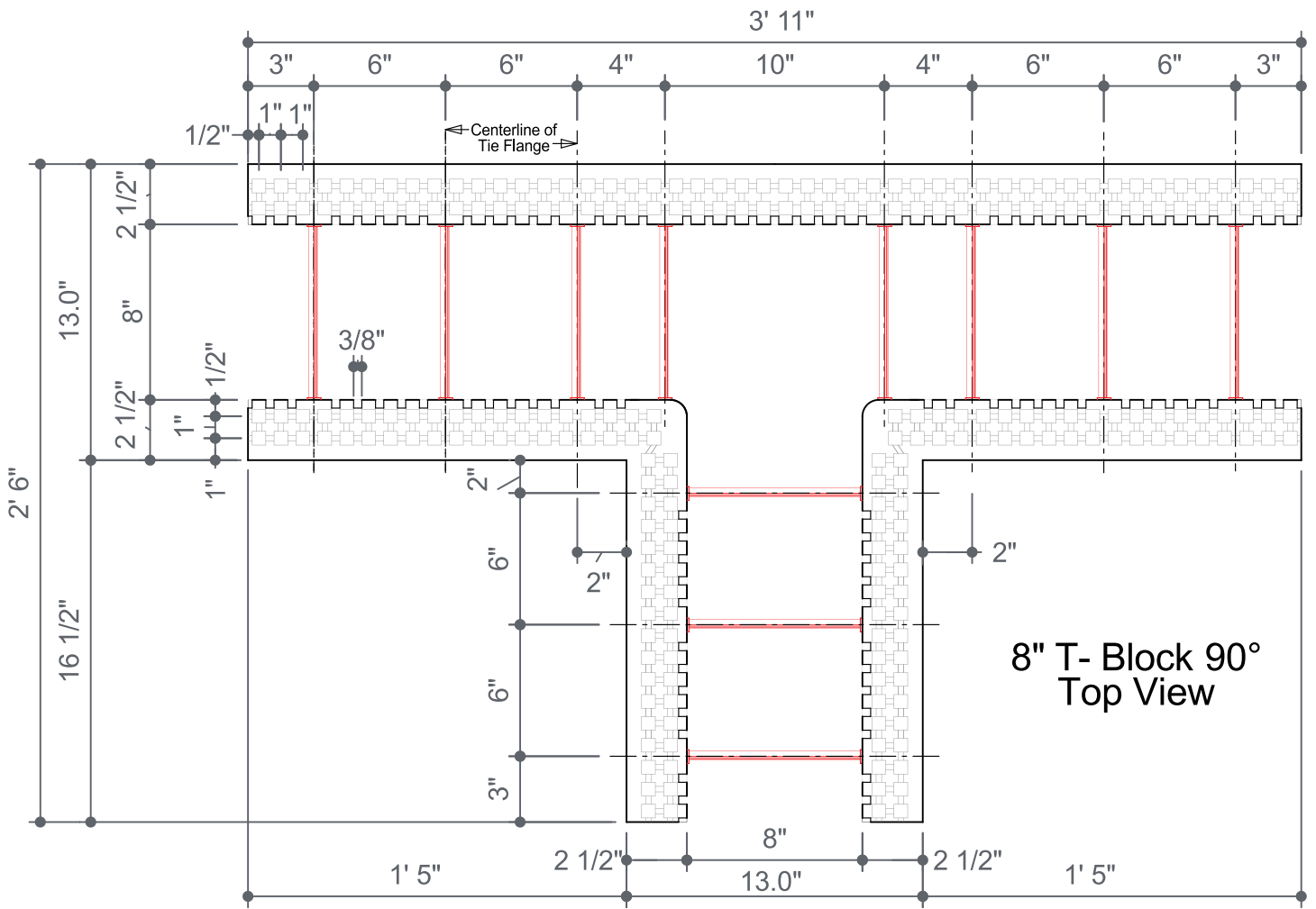
**8" Corner 45° Block  
Typical Section**



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**8.0" 45° Corner Block**

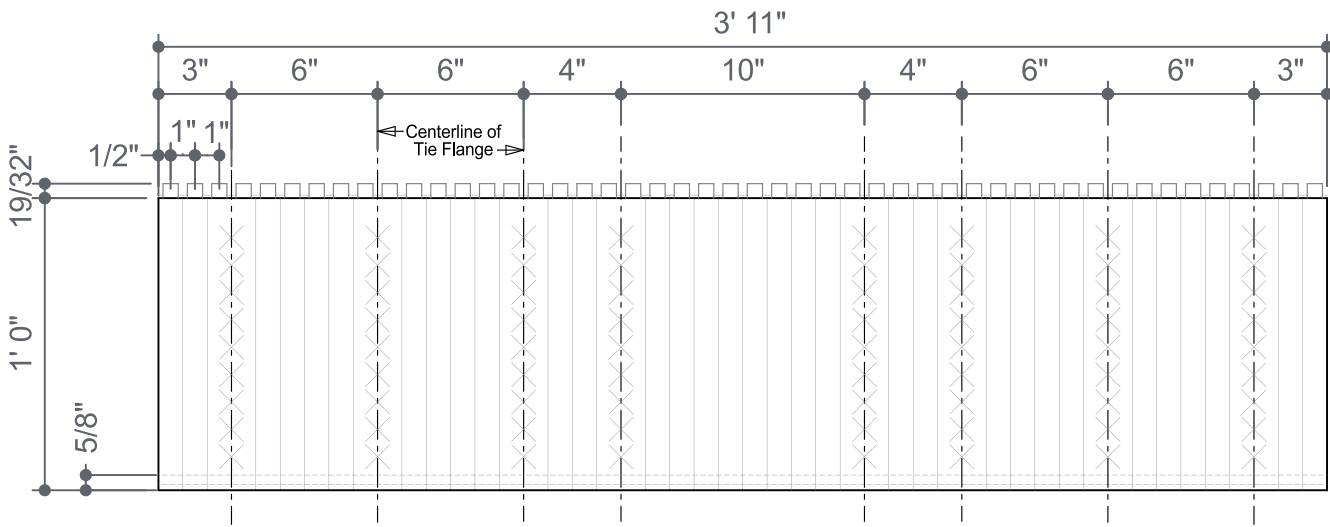
Drawn By: Laura Trent | Date: January 2012 | Pg No: 1 of 1 | DWG No: 1.4.3  
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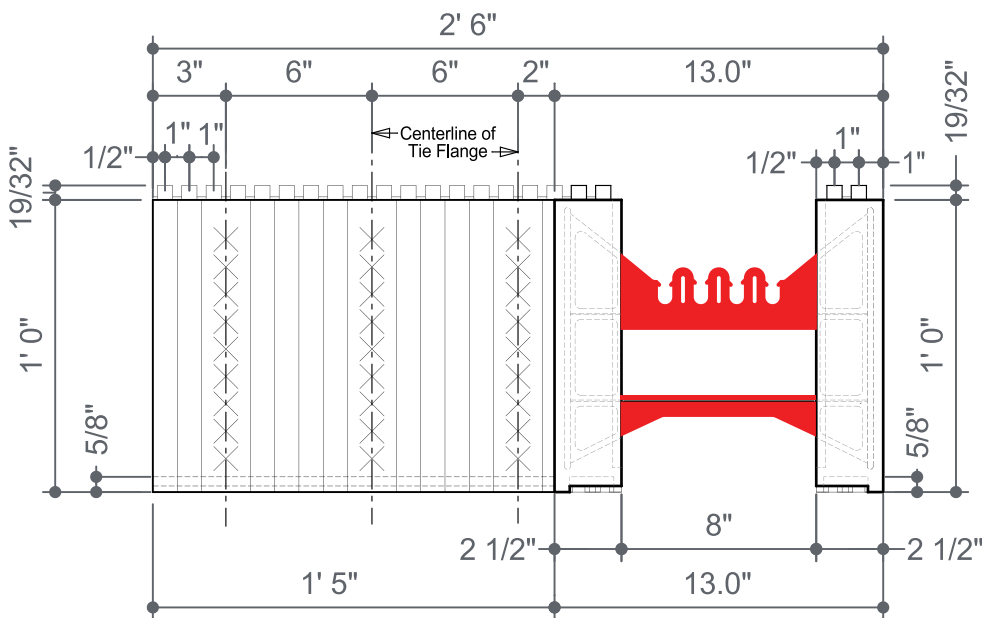
## 8.0" T Block

Drawn By: Laura Trent | Date: January 2012 | Pg No: 1 of 2 | DWG No: 1.4.4  
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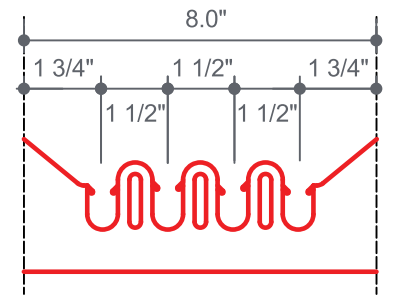


### 8" T- Block 90° Straight Side Elevation

Note : Tie flange Width of 1-3/8" for Fastening behind X's



### 8" T- Block 90° Inner Corner Side Elevation & End View



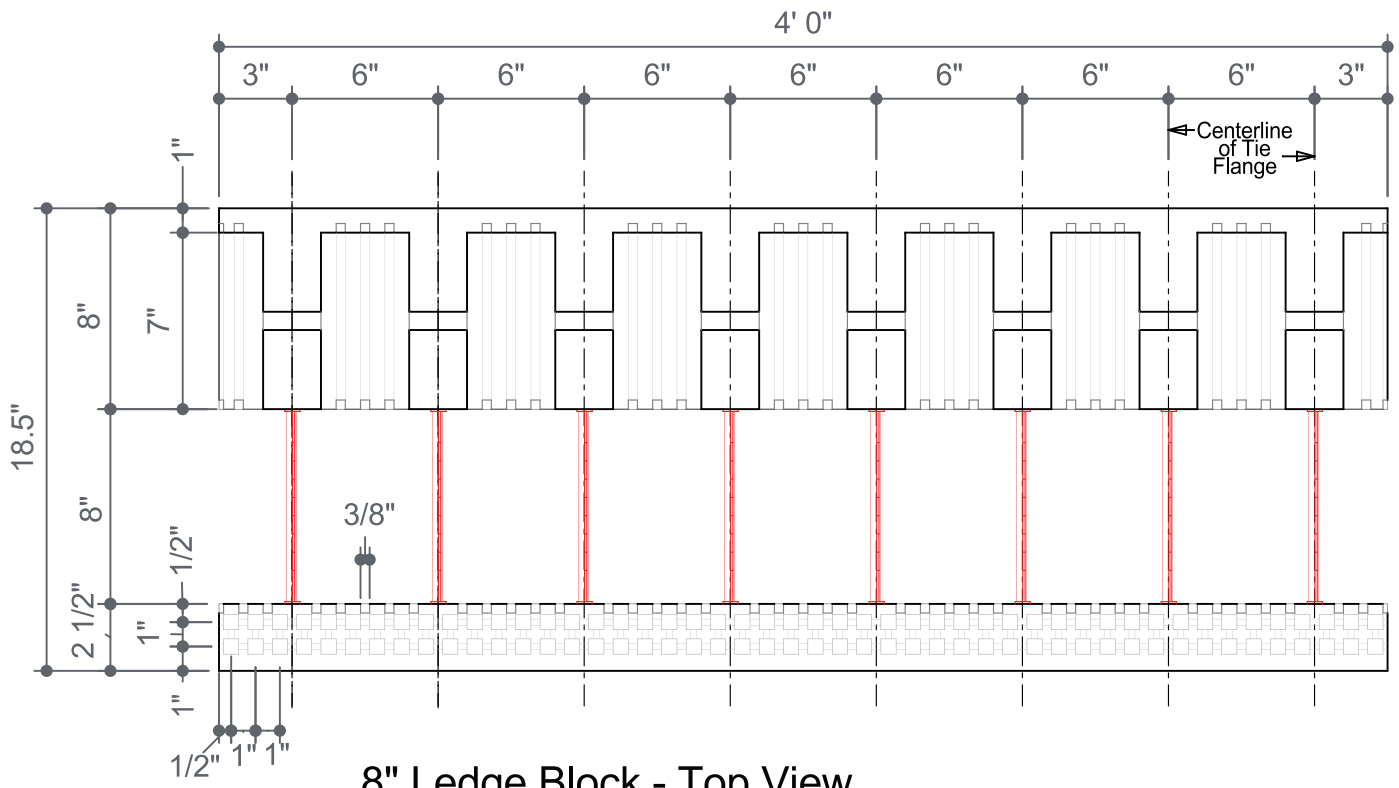
### 8" Typical Tie Detail Scale 2:1



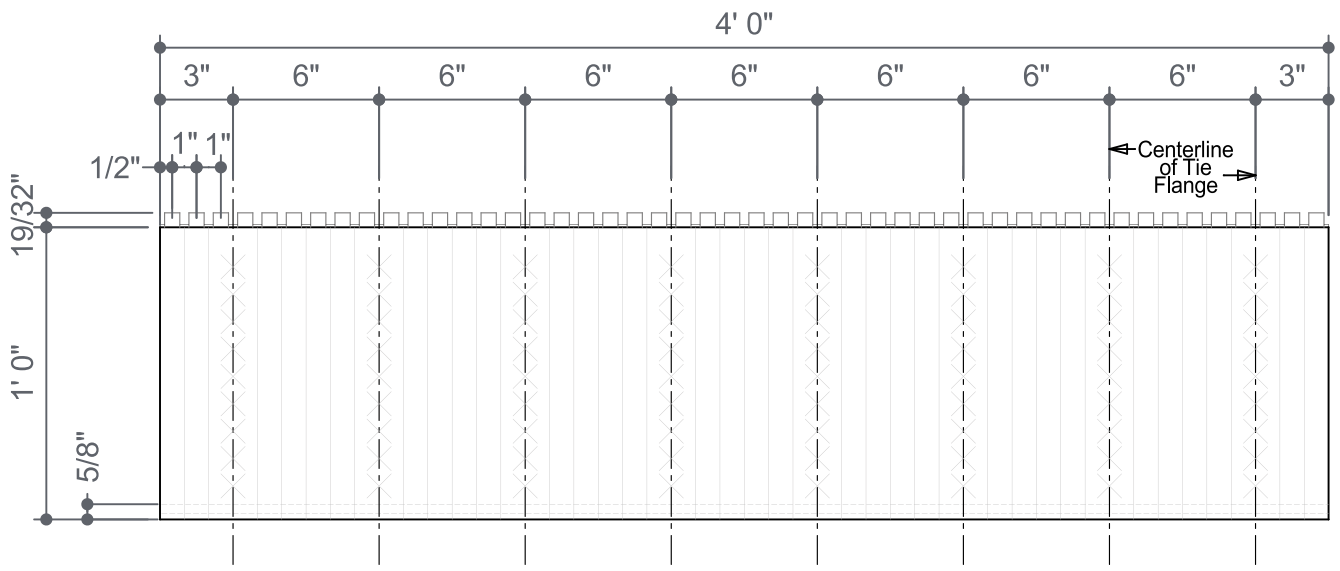
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Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

## 8.0" T Block

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8" Ledge Block - Top View



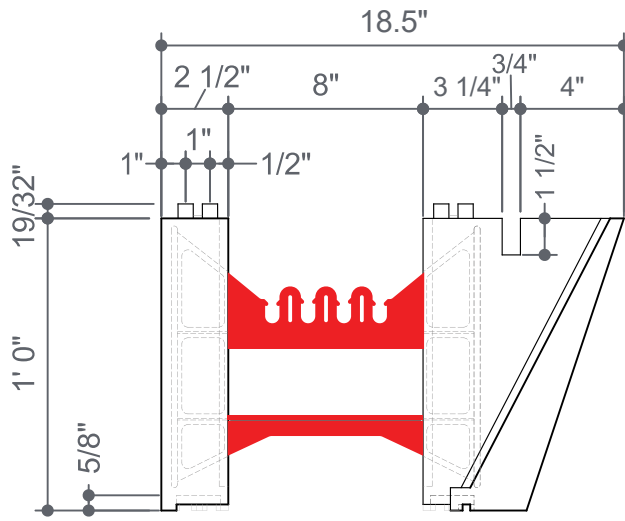
8" Ledge Block - Front View



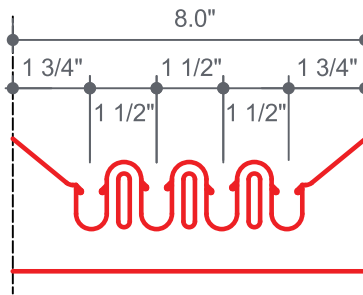
P 877.627.3555 E info@superformicf.ca superformicf.ca  
 Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

### 8.0" Brick Ledge Block

Drawn By: Laura Trent | Date: January 2012 | Pg No: 1 of 2 | DWG No: 1.4.5  
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A  
1
 8" Ledge Block  
 Typical Section



8" Typical Tie Detail  
 Scale 2:1

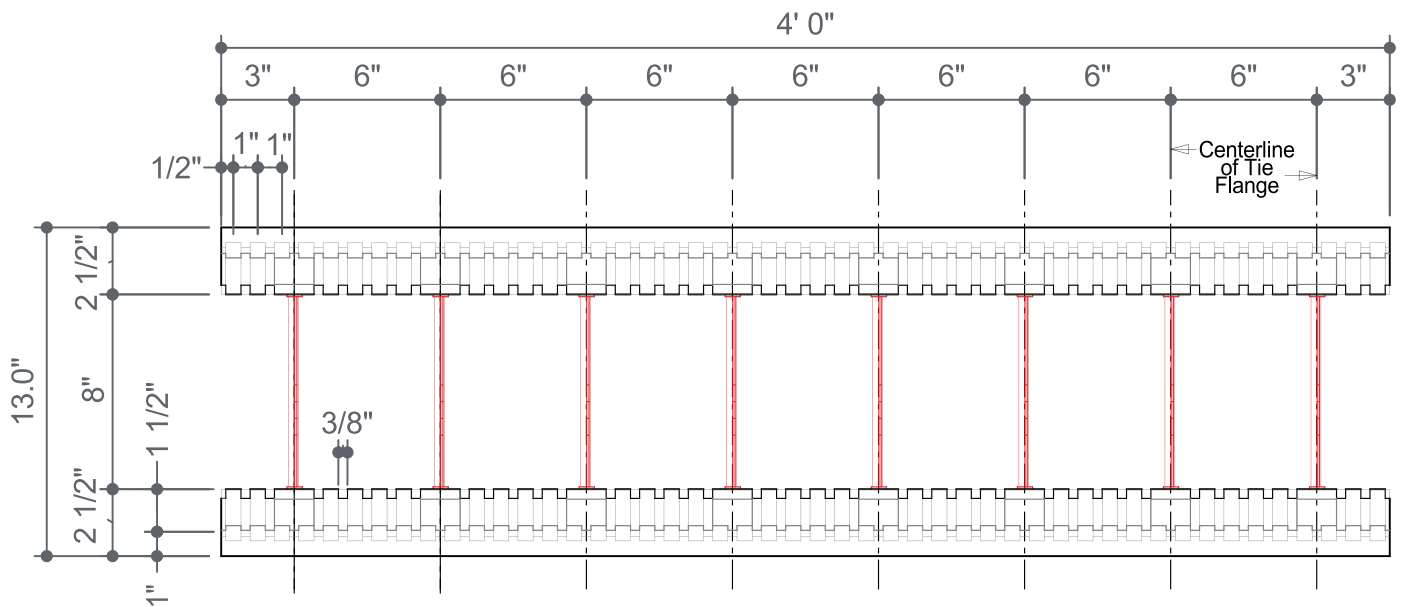


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## 8.0" Brick Ledge Block

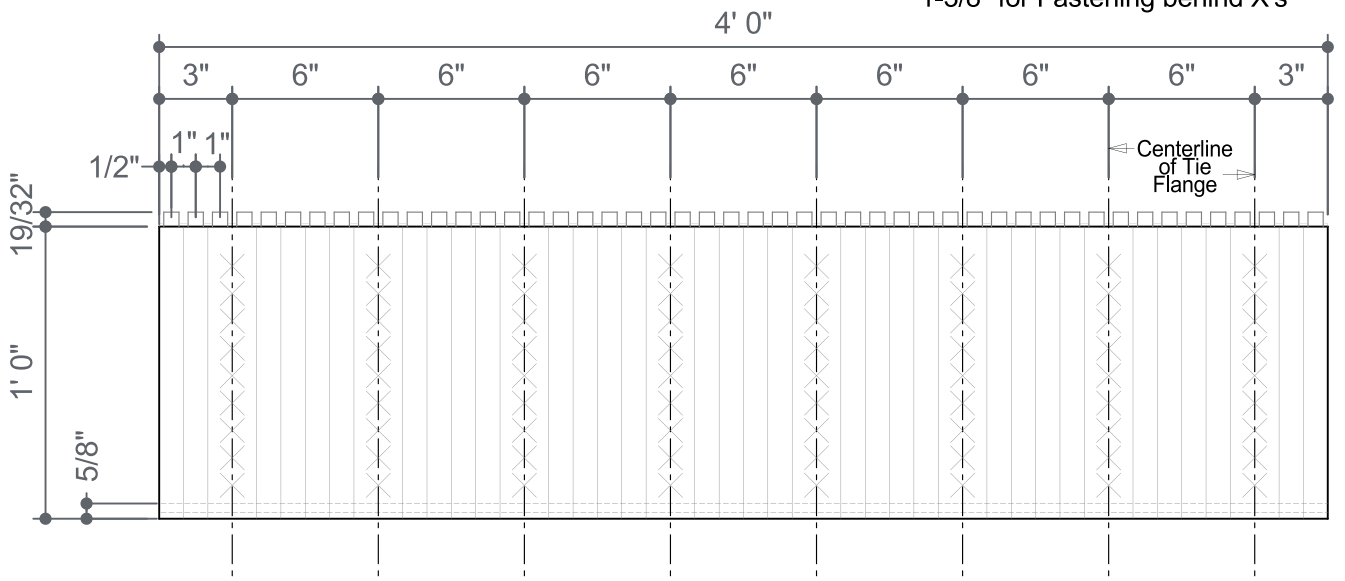
Drawn By: Laura Trent | Date: January 2012 | Pg No: 2 of 2 | DWG No: 1.4.5  
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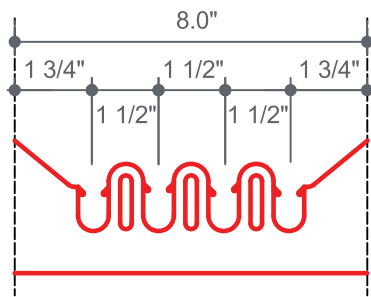


8" Top Block - Top View

Note : Tie flange Width of 1-3/8" for Fastening behind X's

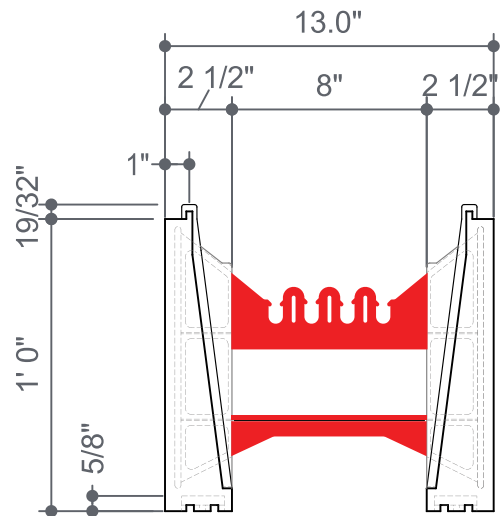


8" Top Block - Front View



8" Typical Tie Detail  
Scale 2:1

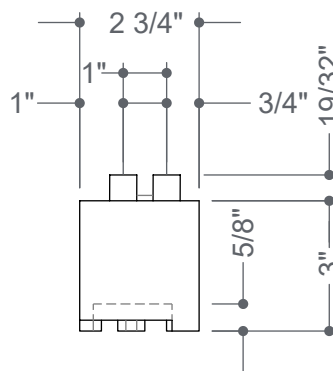
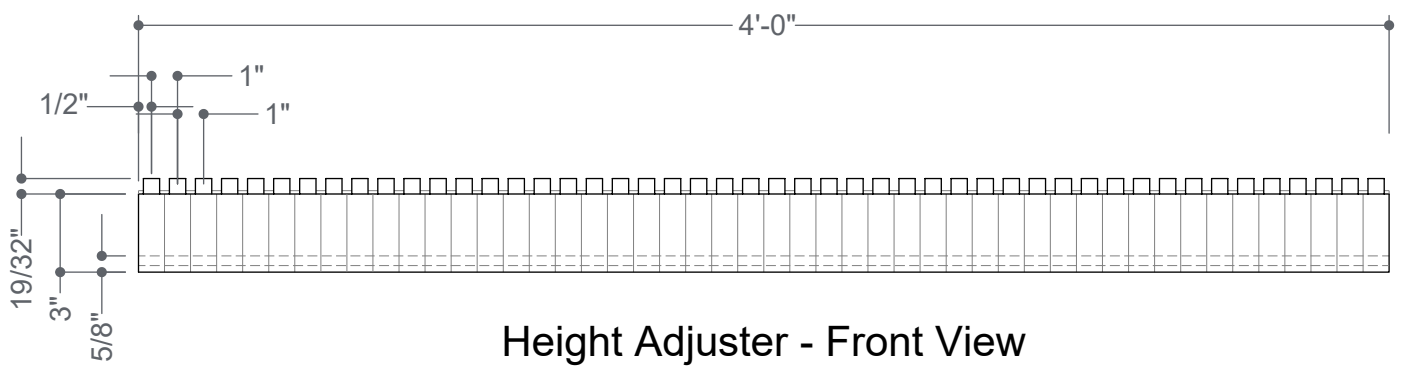
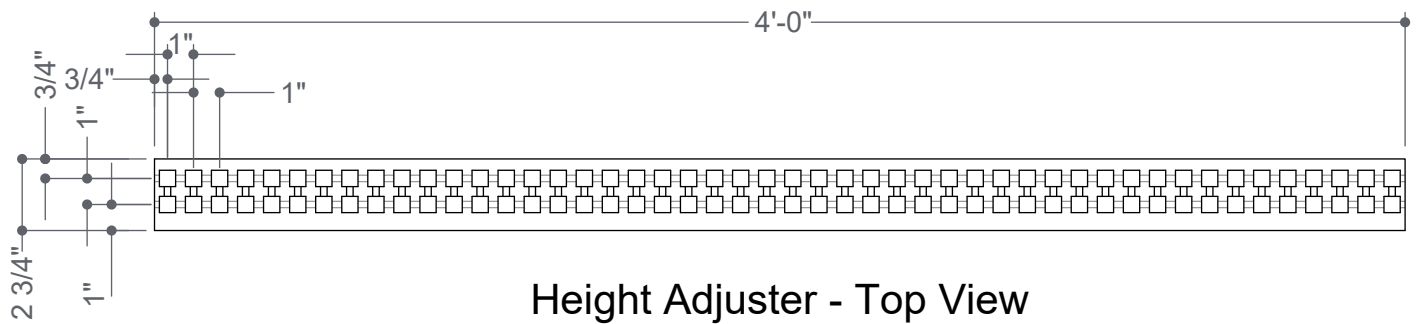
8" Top Block  
Typical Section



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## 8.0" Top Block

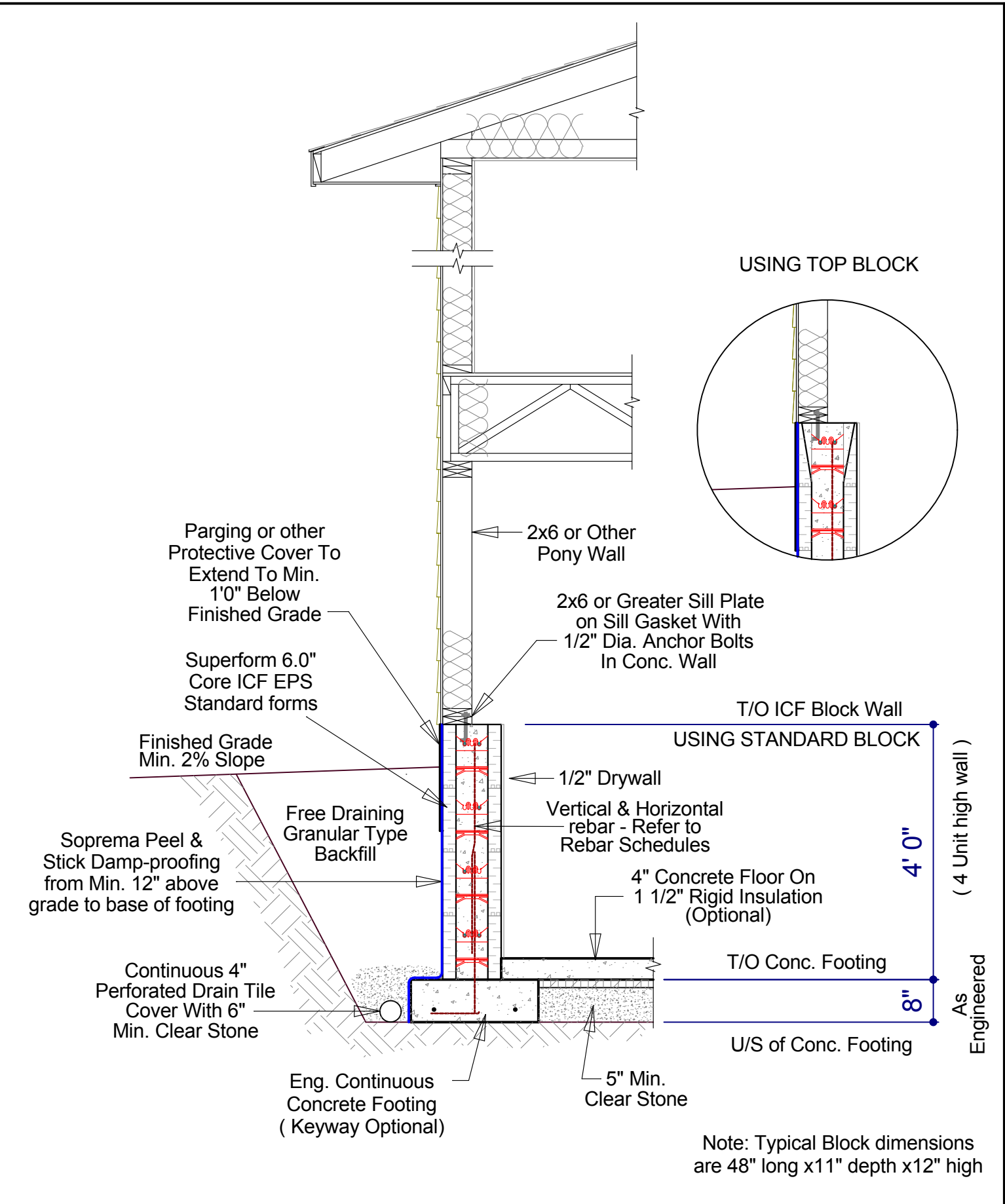
Drawn By: Laura Trent | Date: January 2012 | Pg No: 1 of 1 | DWG No: 1.4.6  
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### 3" Height Adjuster

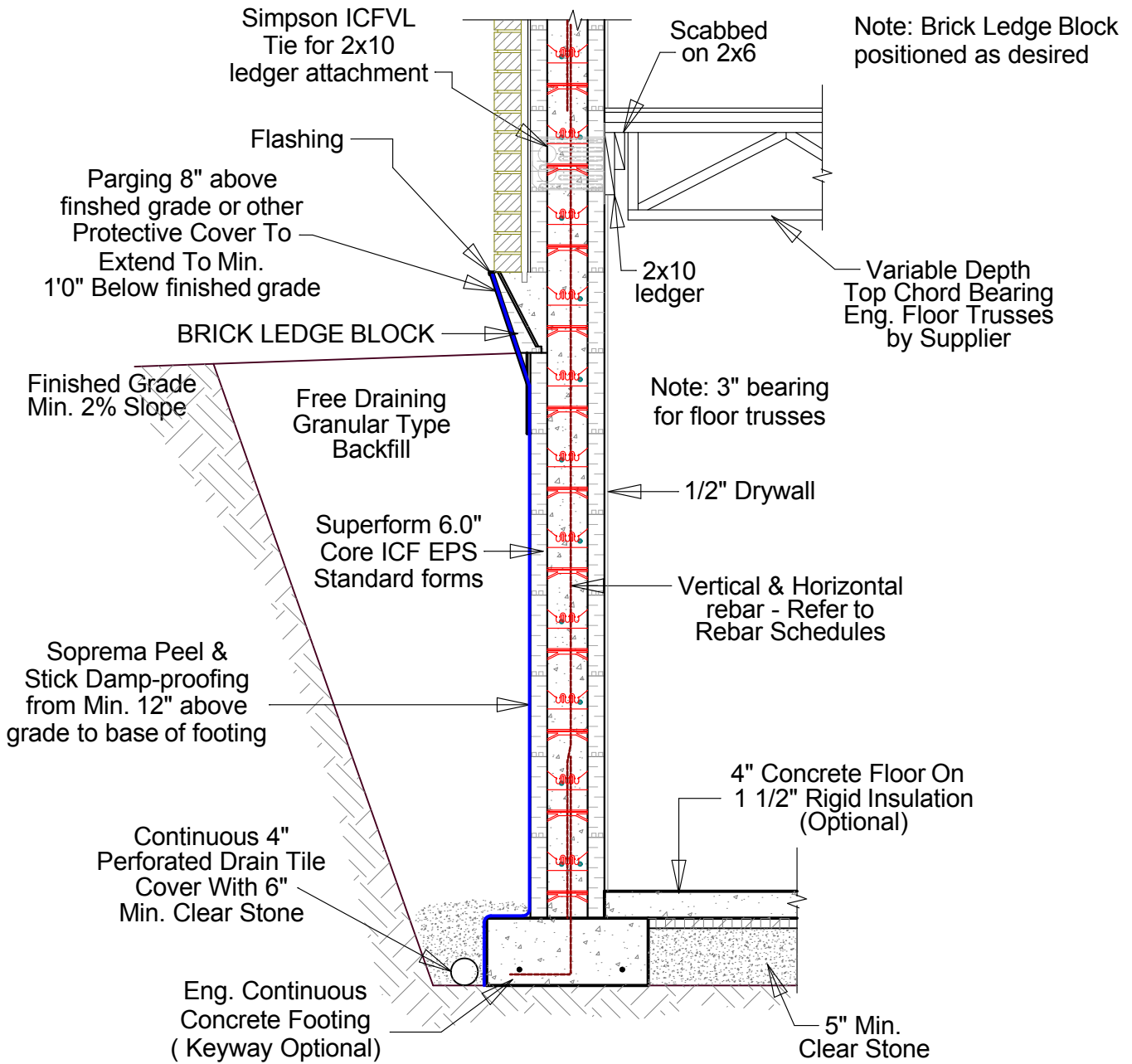
Drawn By: Laura Trent | Date: March 2012 | Pg No: 1 of 1 | DWG No: 1.1.2  
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### Residential Foundation 6.0" Core Knee Wall 4'0" High x 4 Units

Drawn By: Laura Trent | Date: March 2018 | Pg No: 1 of 1 | DWG No: 2.1.1  
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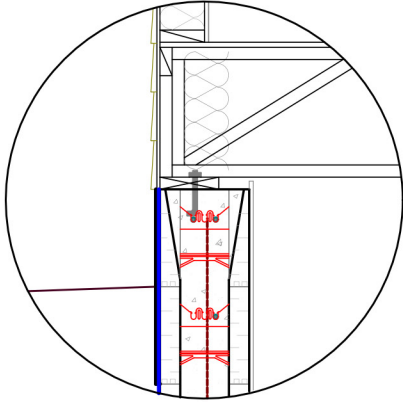


P 877.627.3555 E info@superformicf.ca superformicf.ca  
 Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

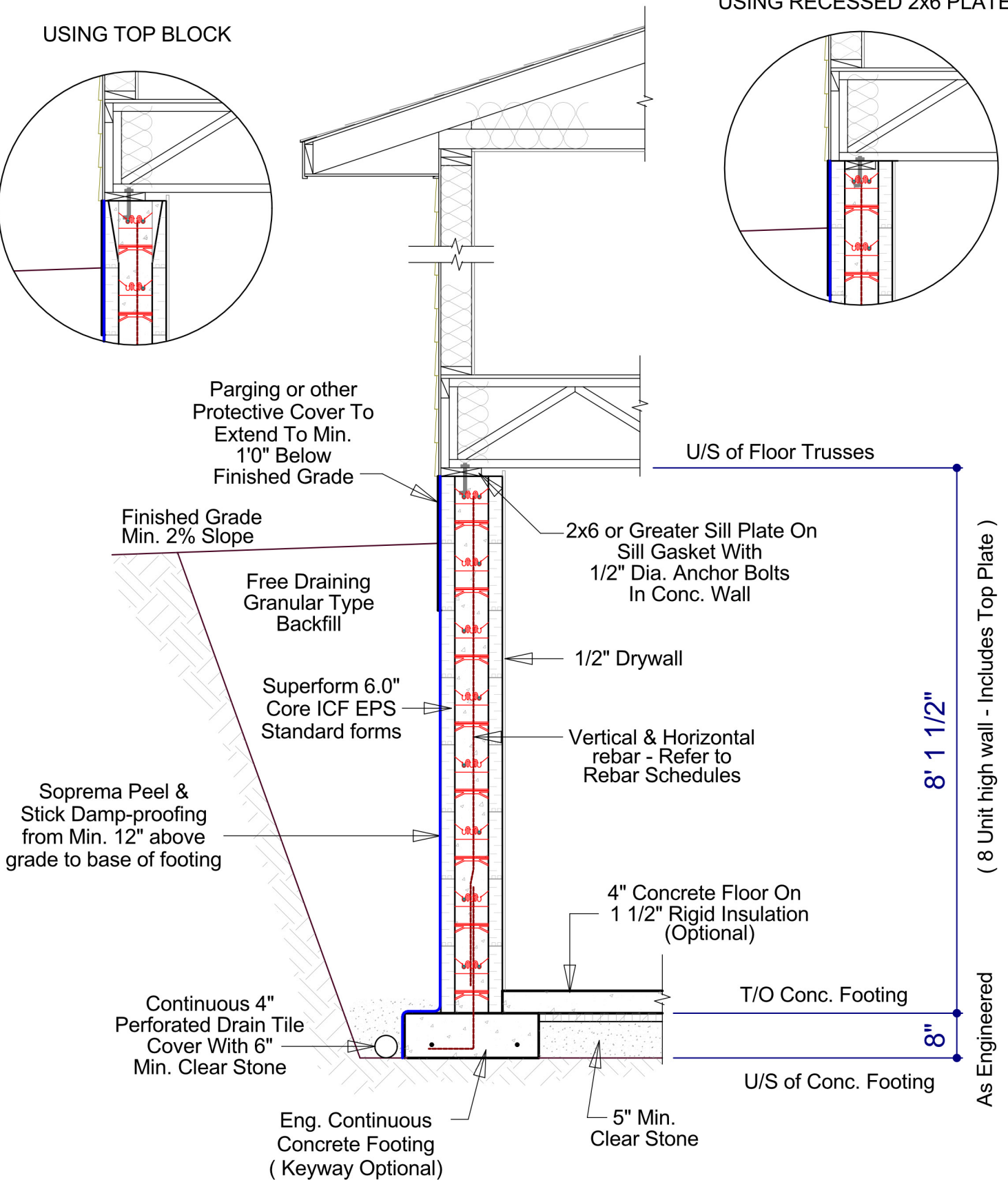
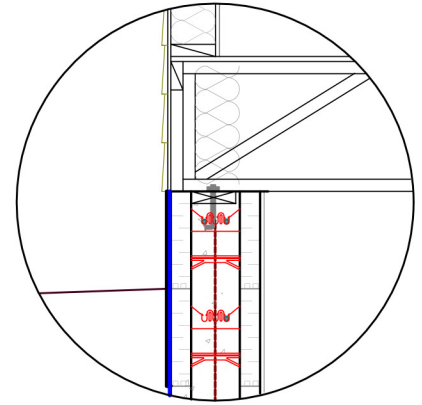
### Brick Ledge Block in Residential Full Height Wall with 6.0" Core & Eng. Flr. Trusses

Drawn By: Laura Trent | Date: February 2018 | Pg No: 1 of 1 | DWG No: 2.2.1  
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USING TOP BLOCK



USING RECESSED 2x6 PLATE

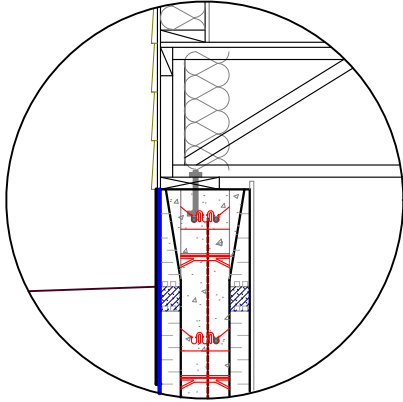


P 877.627.3555 E info@superformicf.ca superformicf.ca  
 Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

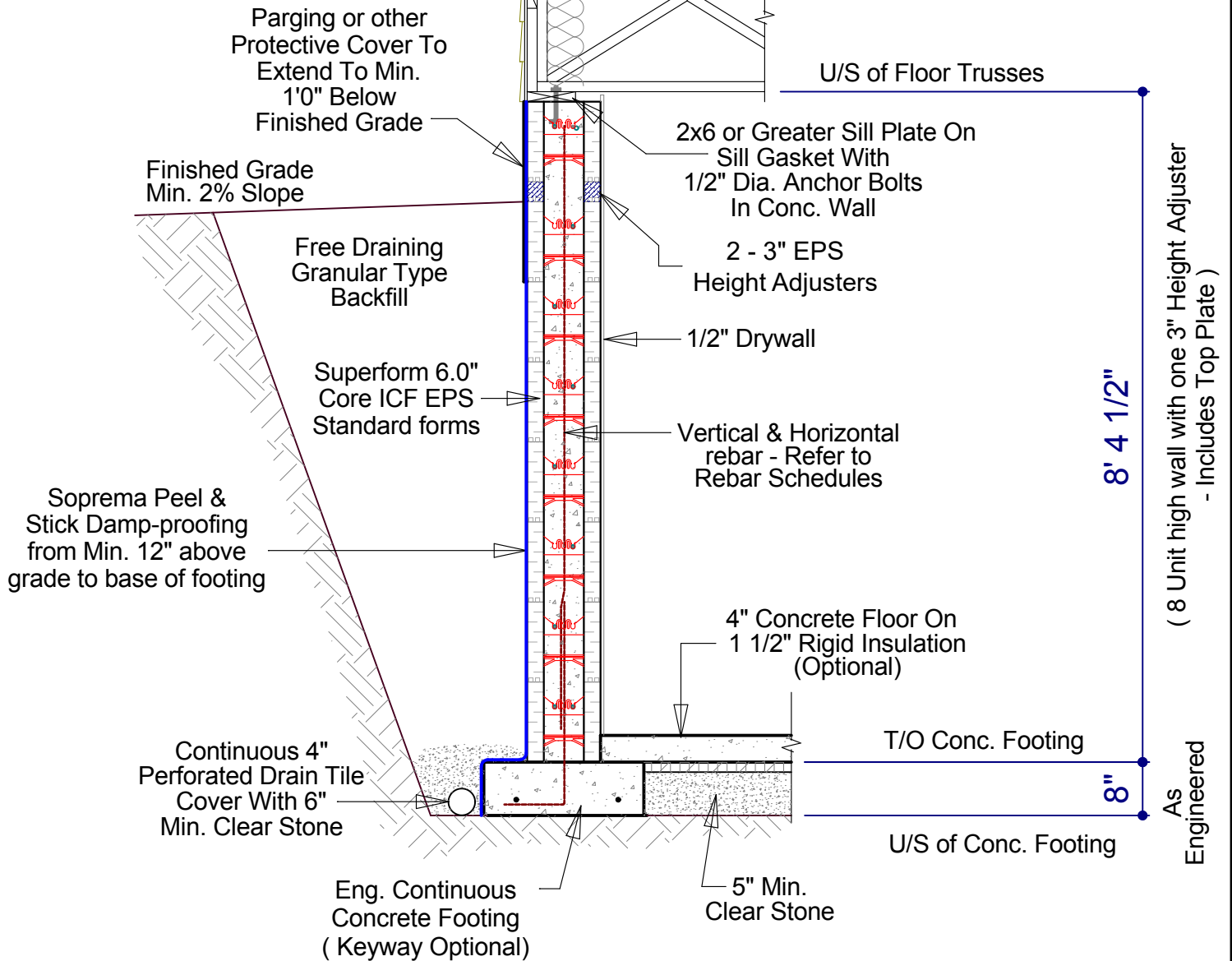
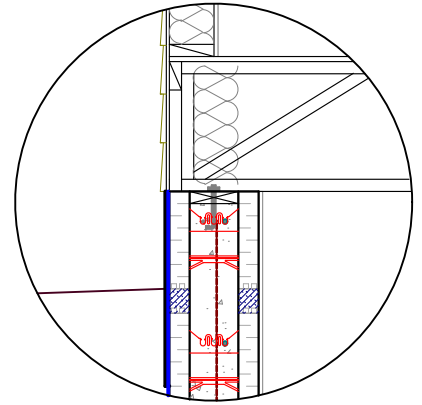
**Residential Foundation 6.0" Core  
 8'0" High Wall x 8 units**

Drawn By: Laura Trent | Date: February 2018 | Pg No: 1 of 1 | DWG No: 2.2.2  
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USING TOP BLOCK



USING RECESSED 2x6 PLATE

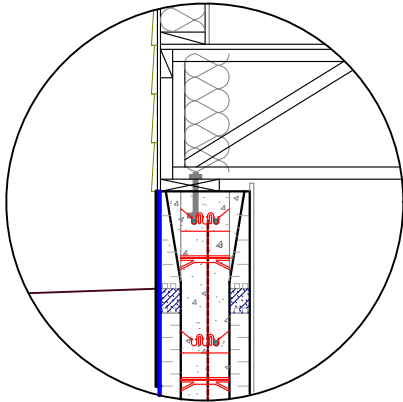


P 877.627.3555 E info@superformicf.ca superformicf.ca  
 Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

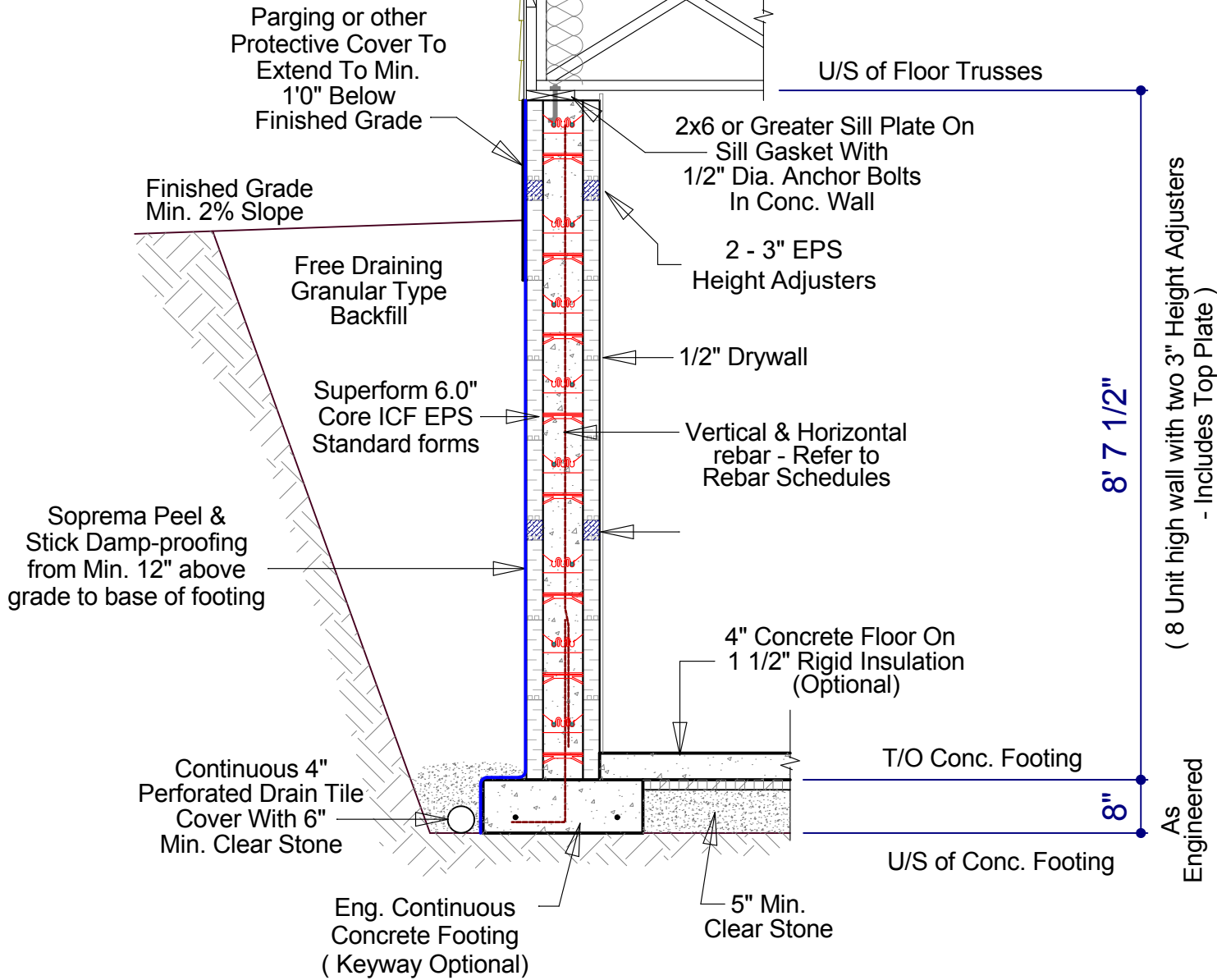
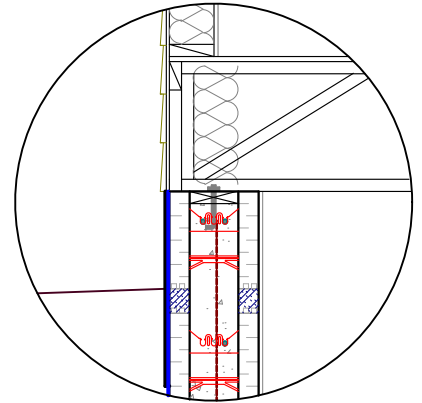
**Residential Foundation 6.0" Core 8'3" High Wall x 8 units using one 3" High EPS Height Adjuster**

Drawn By: Laura Trent | Date: February 2018 | Pg No: 1 of 1 | DWG No: 2.23  
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USING TOP BLOCK



USING RECESSED 2x6 PLATE



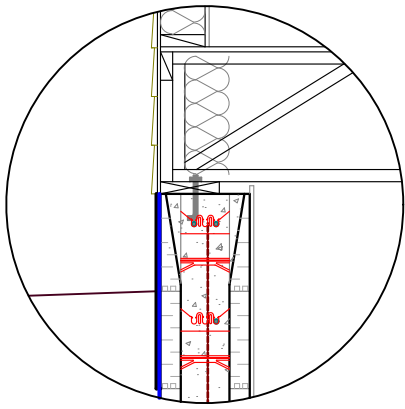
**8' 7 1/2"**  
 ( 8 Unit high wall with two 3" Height Adjusters  
 - Includes Top Plate )  
 As  
 Engineered



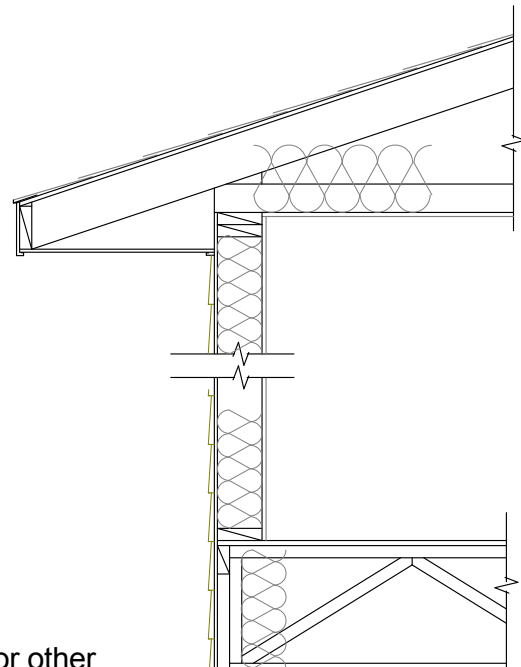
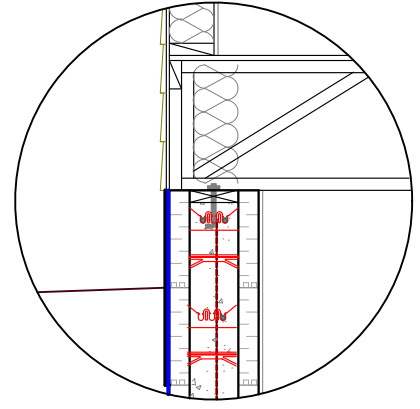
P 877.627.3555 E info@superformicf.ca [superformicf.ca](http://superformicf.ca)  
 Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

**Residential Foundation 6.0" Core 8'6" High Wall x 8 units using two 3" High EPS Height Adjusters**  
 Drawn By: Laura Trent | Date: February 2018 | Pg No: 1 of 1 | DWG No: 2.24  
 Copyright © Superform Products Ltd. 2018

USING TOP BLOCK



USING RECESSED 2x6 PLATE



Parging or other Protective Cover To Extend To Min. 1'0" Below Finished Grade

U/S of Floor Trusses

Finished Grade Min. 2% Slope

2x6 or Greater Sill Plate On Sill Gasket With 1/2" Dia. Anchor Bolts In Conc. Wall

Free Draining Granular Type Backfill

1/2" Drywall

Superform 6.0" Core ICF EPS Standard forms

Vertical & Horizontal rebar - Refer to Rebar Schedules

Soprema Peel & Stick Damp-proofing from Min. 12" above grade to base of footing

9' 1 1/2"

( 9 Unit high wall - Includes Top Plate )

4" Concrete Floor On 1 1/2" Rigid Insulation (Optional)

Continuous 4" Perforated Drain Tile Cover With 6" Min. Clear Stone

T/O Conc. Footing

8"

As Engineered

Eng. Continuous Concrete Footing ( Keyway Optional )

5" Min. Clear Stone

U/S of Conc. Footing



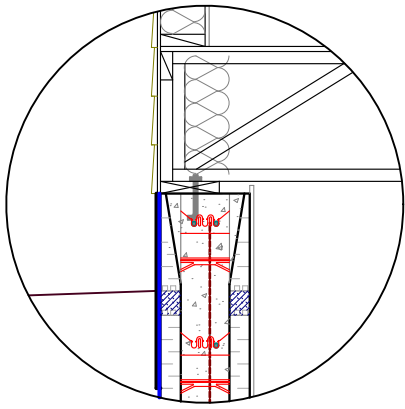
P 877.627.3555 E info@superformicf.ca superformicf.ca  
Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

### Residential Foundation 6.0" Core 9'0" High Wall x 9 units

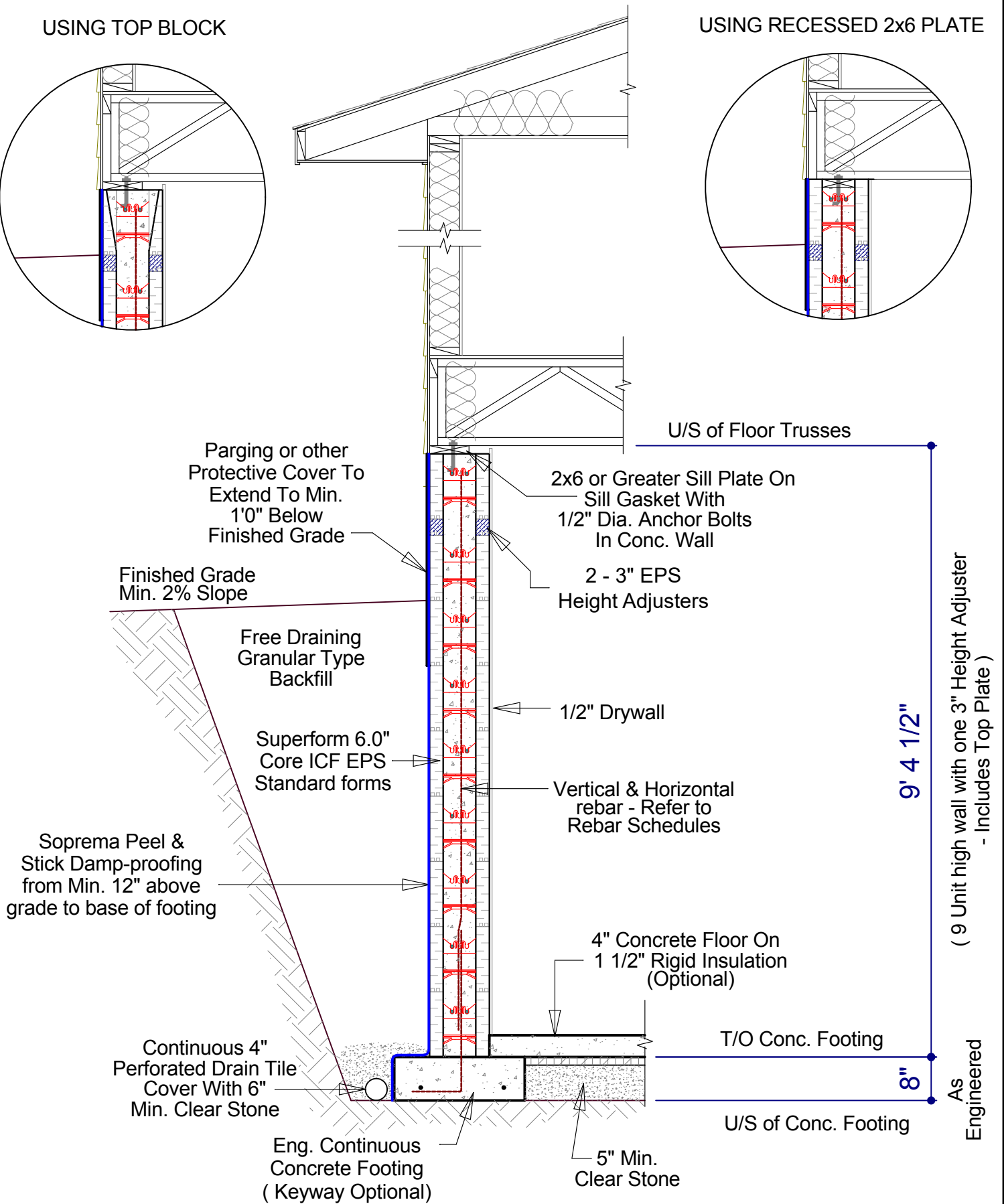
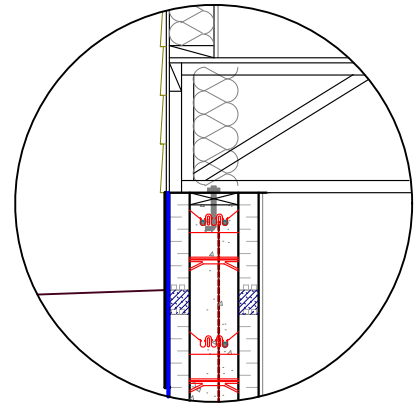
Drawn By: Laura Trent | Date: February 2018 | Pg No: 1 of 1 | DWG No: 2.3.1  
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USING TOP BLOCK



USING RECESSED 2x6 PLATE



9' 4 1/2"

( 9 Unit high wall with one 3" Height Adjuster - Includes Top Plate )

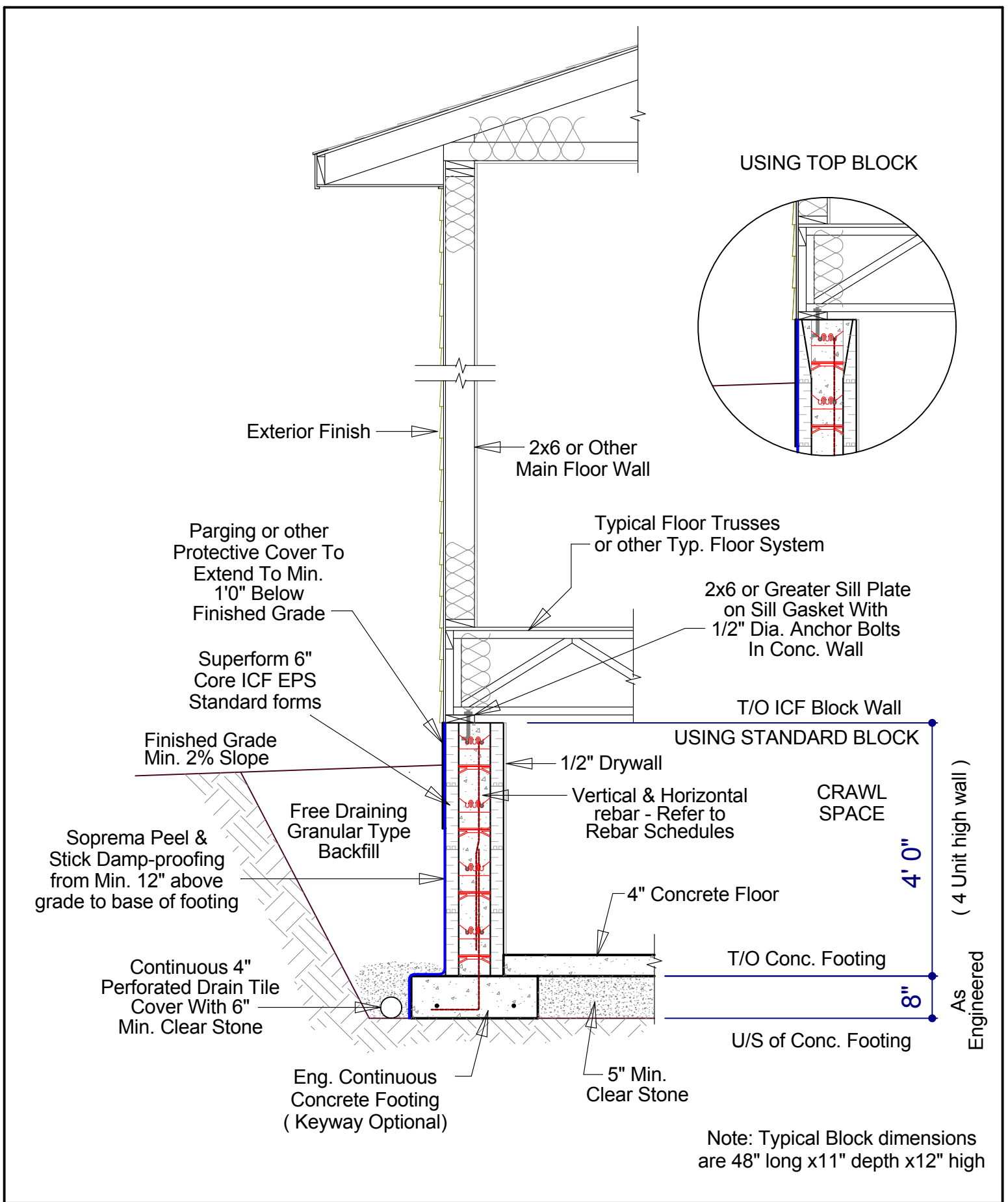
As Engineered



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**Residential Foundation 6.0" Core 9'3" High Wall x 9 units using one 3" High EPS Height Adjuster**

Drawn By: Laura Trent | Date: February 2018 | Pg No: 1 of 1 | DWG No: 2.3.2  
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Note: Typical Block dimensions are 48" long x 11" depth x 12" high

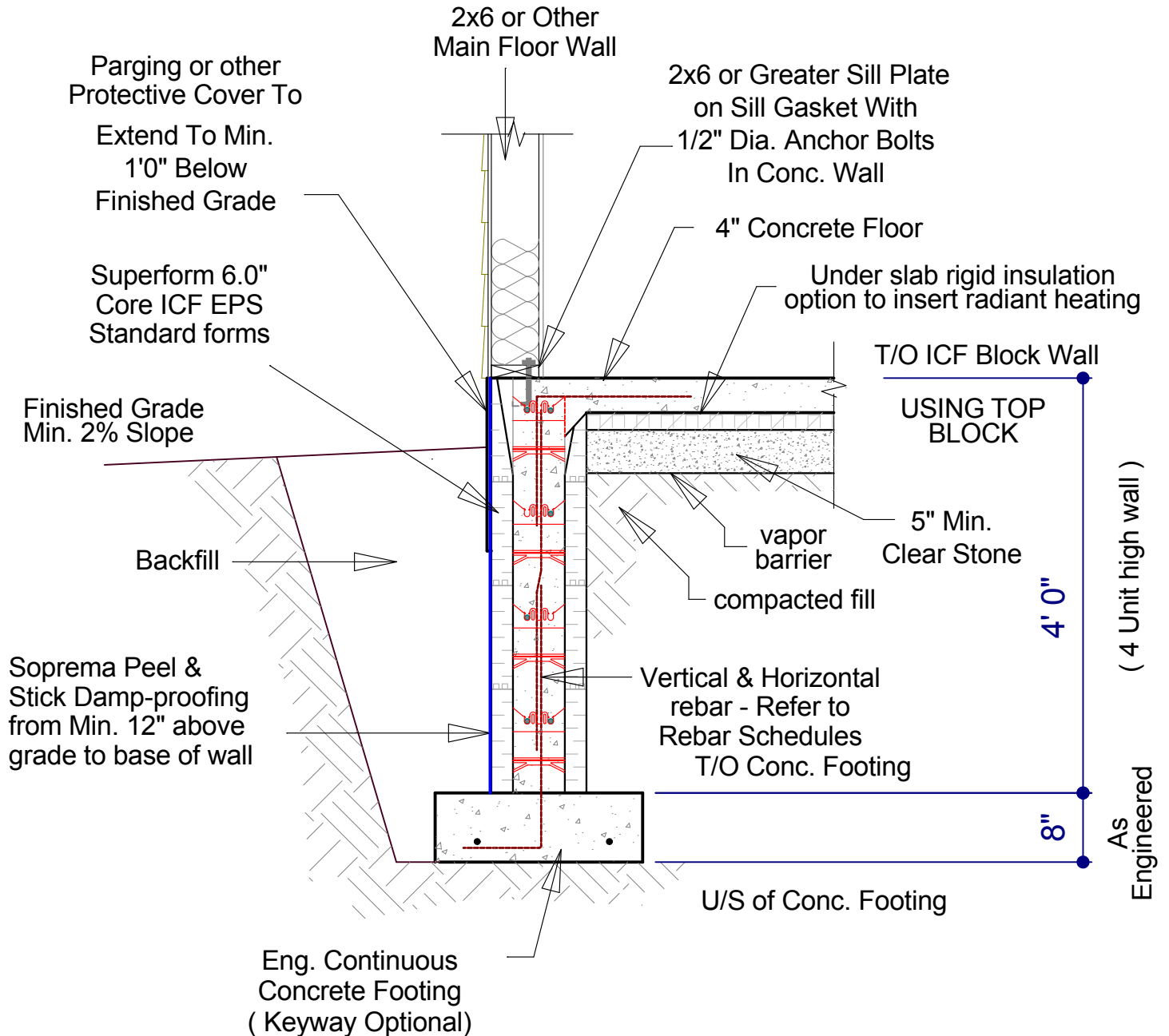


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**Residential Frost Wall 6.0" Core  
 (crawl space) 4'0" High x 4 units**

Drawn By: Laura Trent | Date: February 2018 | Pg No: 1 of 1 | DWG No: 3.1.1  
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# INTEGRAL SLAB FLOOR - Using Superform Top Block Cut 4" at top and trim to accomodate slab.



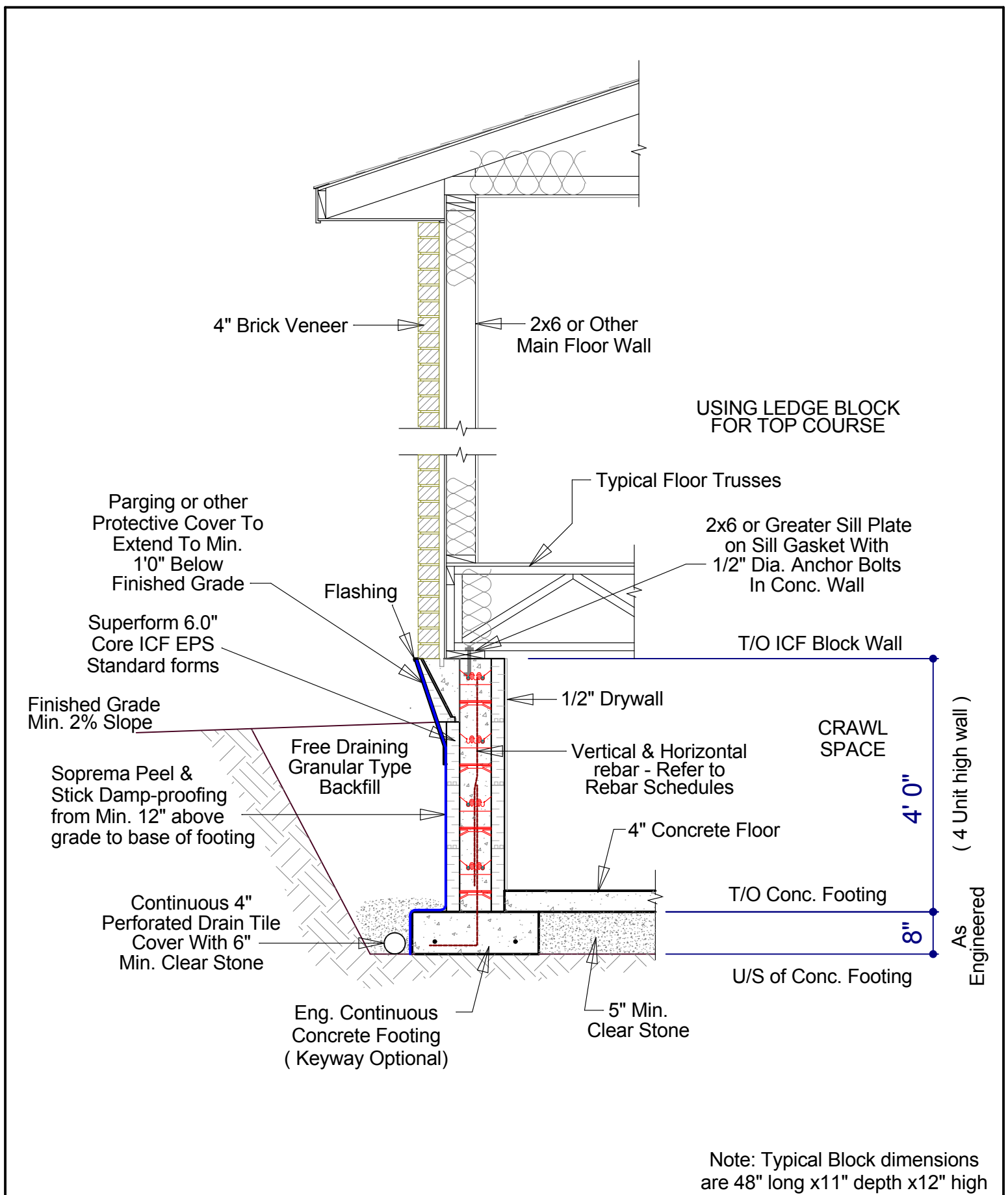
Note: Typical Block dimensions  
are 48" long x 11" depth x 12" high



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## Residential Frost Wall 6.0" Core (Integral Slab) 4'0" High x 4 Units

Drawn By: Laura Trent | Date: February 2018 | Pg No: 1 of 1 | DWG No: 3.1.2  
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Note: Typical Block dimensions are 48" long x 11" depth x 12" high

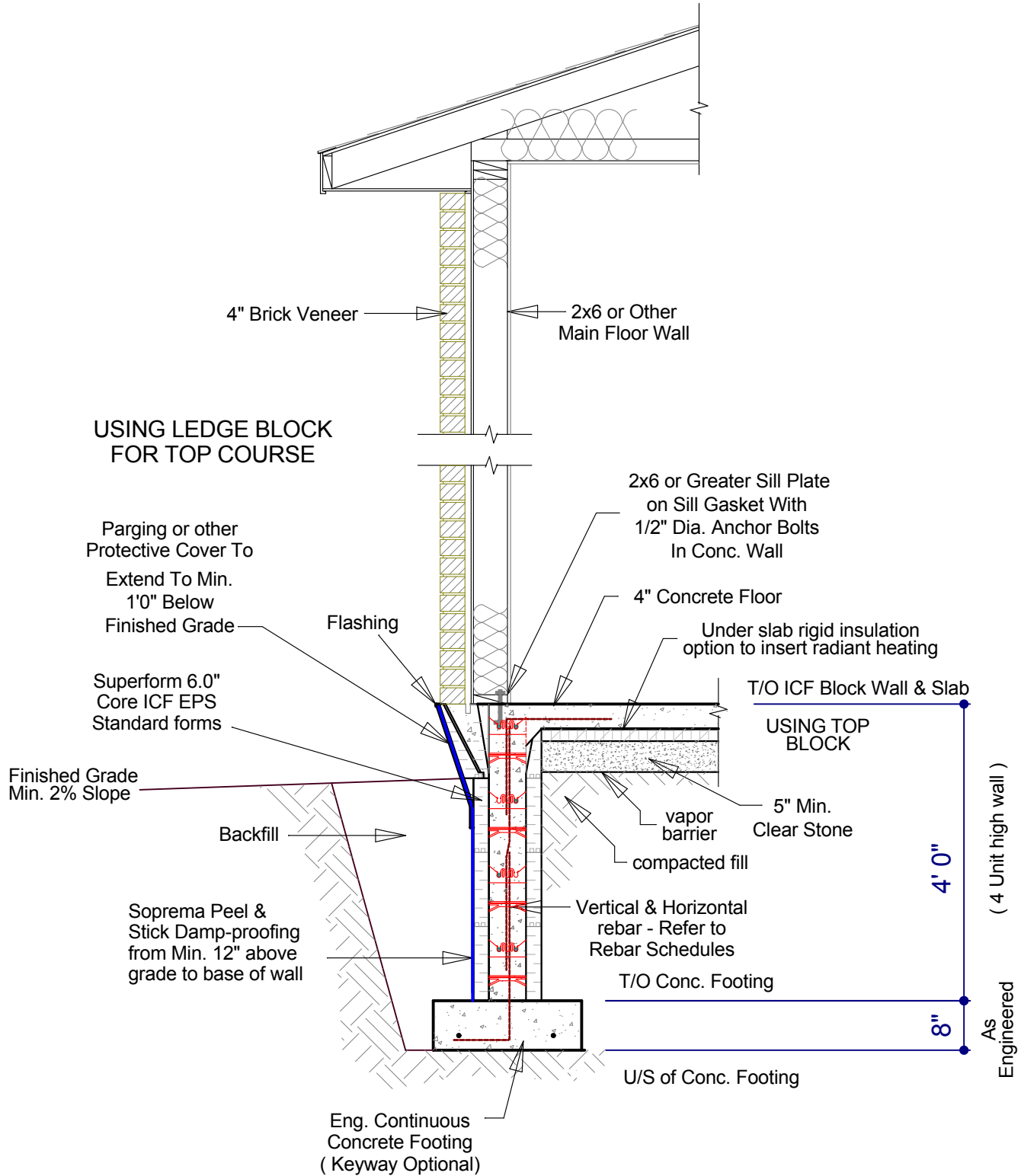


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 Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

**Residential Frost Wall Supporting Brick - Using 6.0" Core Block (crawl space) 4'0" High x 4 units**

Drawn By: Laura Trent | Date: February 2018 | Pg No: 1 of 1 | DWG No: 3.1.3  
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**INTEGRAL SLAB FLOOR - Using Superform Ledger Block**  
 Cut 4" at top and trim to accomodate slab.



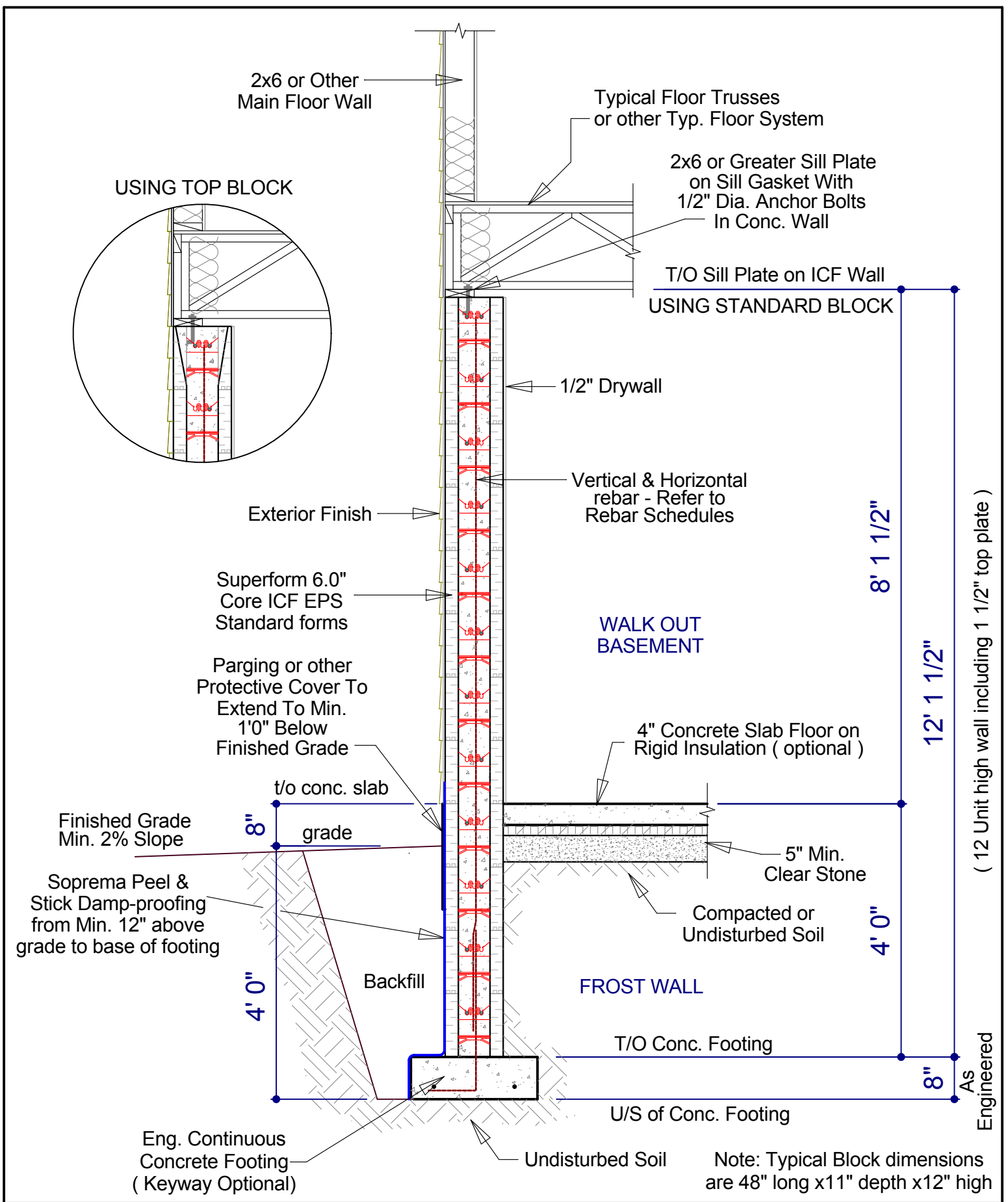
Note: Typical Block dimensions are 48" long x 11" depth x 12" high



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 Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

**Residential Frost Wall Supporting Brick - Using 6.0" Core Block (crawl space) 4'0" High x 4 units**

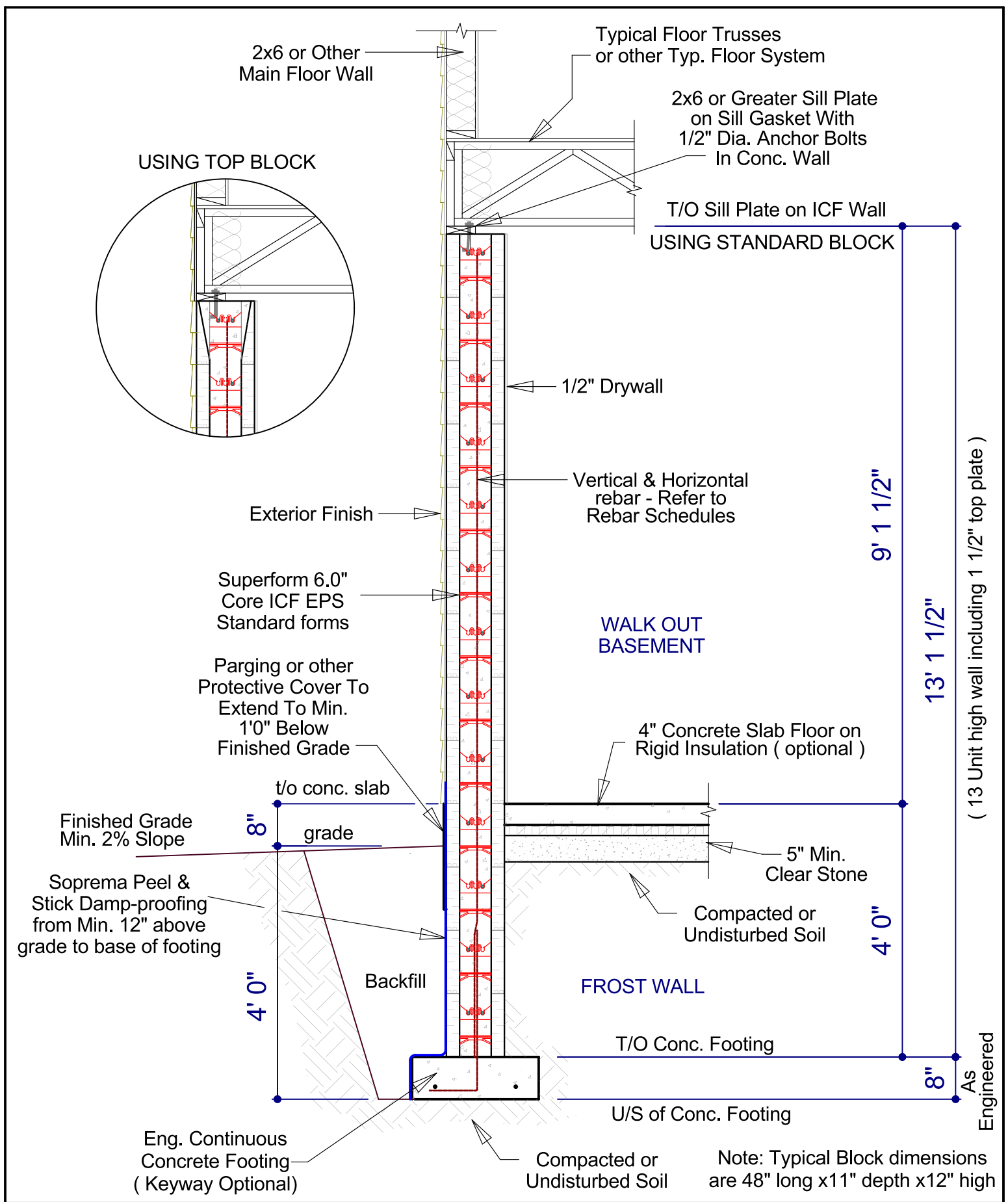
Drawn By: Laura Trent | Date: February 2018 | Pg No: 1 of 1 | DWG No: 3.1.4  
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**Residential Frost Wall 6.0" Core  
 Walk Out Basement 8'0" Ceiling**

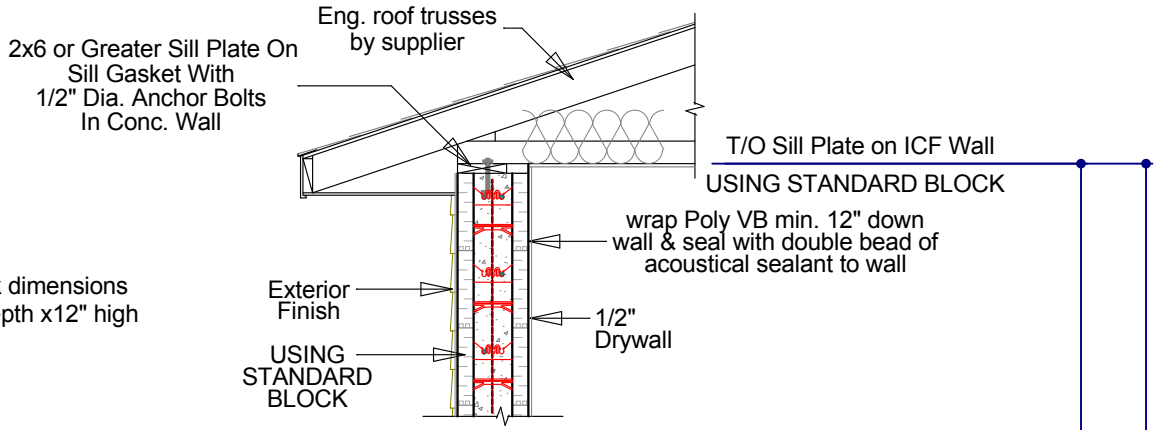
Drawn By: Laura Trent | Date: February 2018 | Pg No: 1 of 1 | DWG No: 3.2.1  
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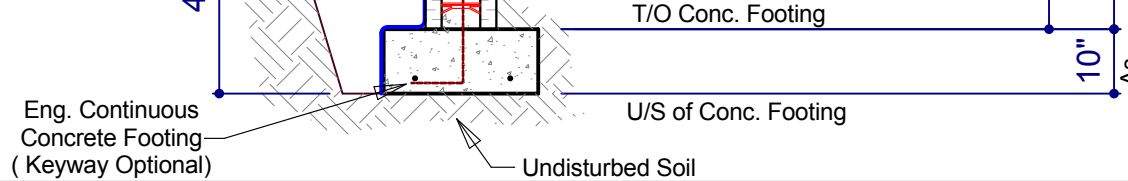
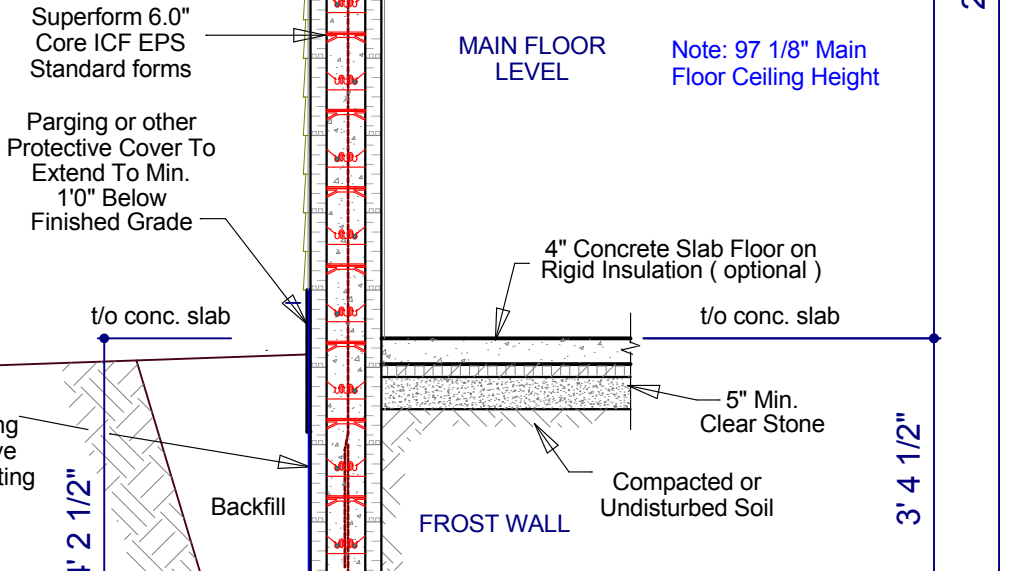
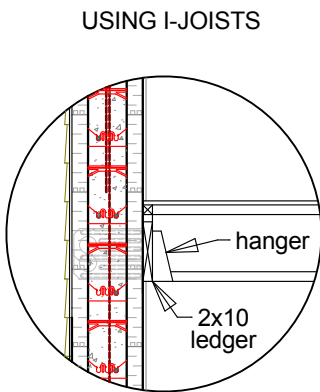
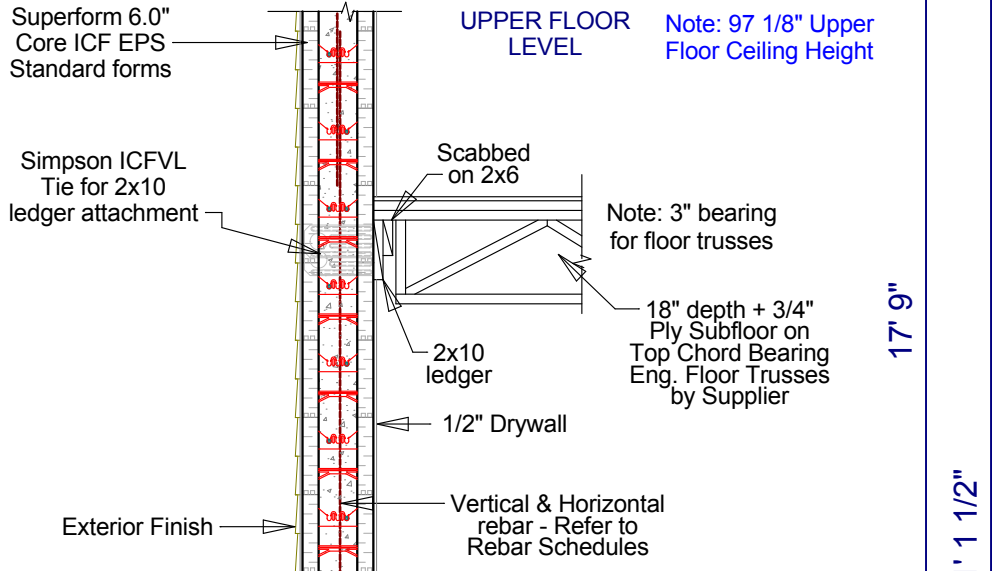
P 877.627.3555 E info@superformicf.ca superformicf.ca  
 Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

### Residential Frost Wall 6.0" Core Walk Out Basement 9'0" Ceiling

Drawn By: Laura Trent | Date: February 2018 | Pg No: 1 of 1 | DWG No: 3.3.1  
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Note: Typical Block dimensions are 48" long x 11" depth x 12" high



( 21 Unit high wall including 1 1/2" top plate )



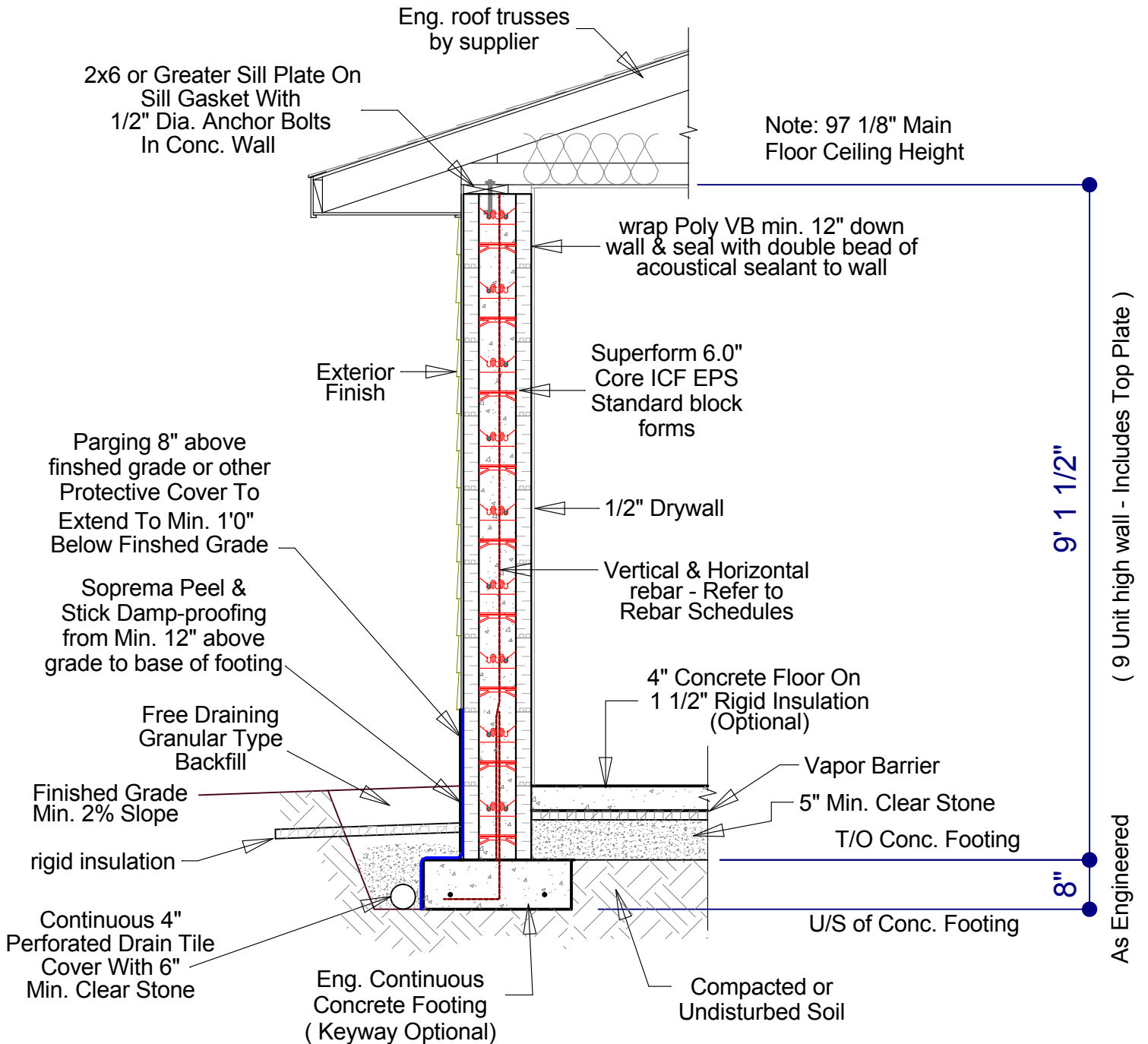
P 877.627.3555 E info@superformicf.ca superformicf.ca  
Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

### Residential Frost Wall 6.0" Core Full Height Wall with 2 Levels Slab on Grade Main Floor

Drawn By: Laura Trent | Date: February 2018 | Pg No: 1 of 1 | DWG No: 3.4.1  
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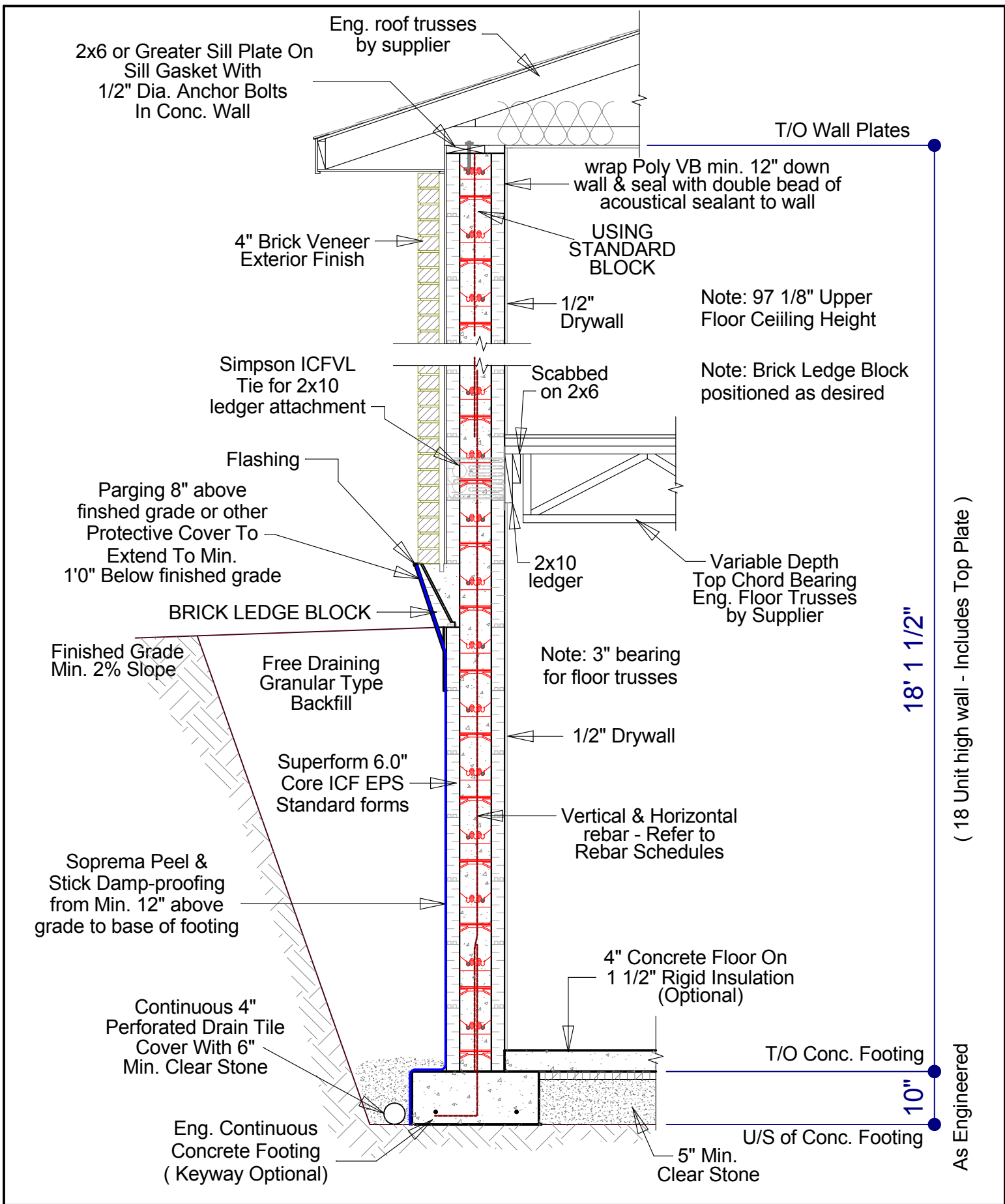
Note: Typical Block dimensions are 48" long x11" depth x12" high



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Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

### Residential Full Height Wall with 6.0" Core & Shallow Depth Foundation - 9 Unit High Wall

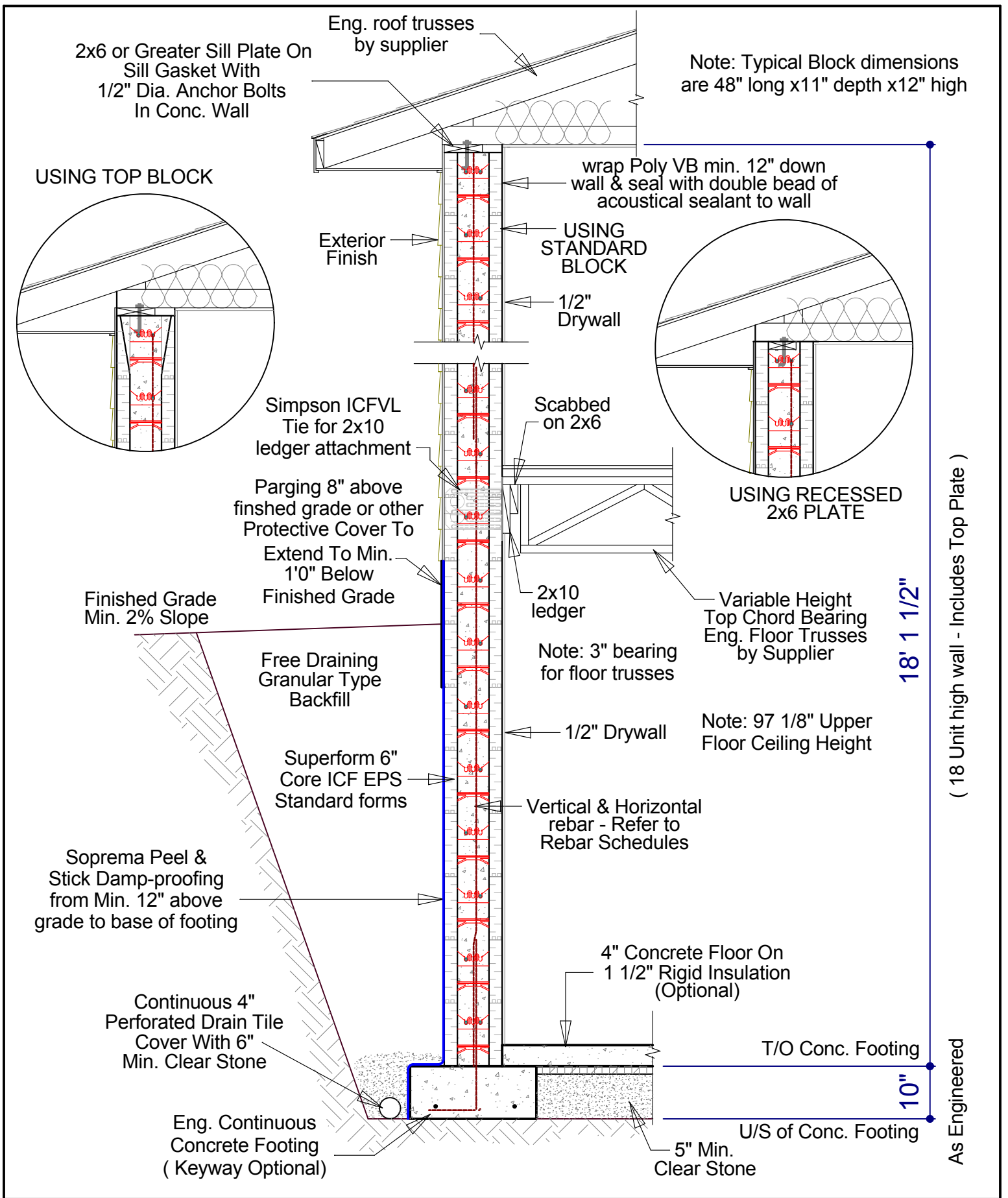
Drawn By: Laura Trent | Date: February 2018 | Pg No: 1 of 1 | DWG No: 4.1.1  
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**Brick Ledge Block in Residential Full Height Wall with 6.0" Core & Eng. Flr. Trusses 18'0" High Wall x 18 units**

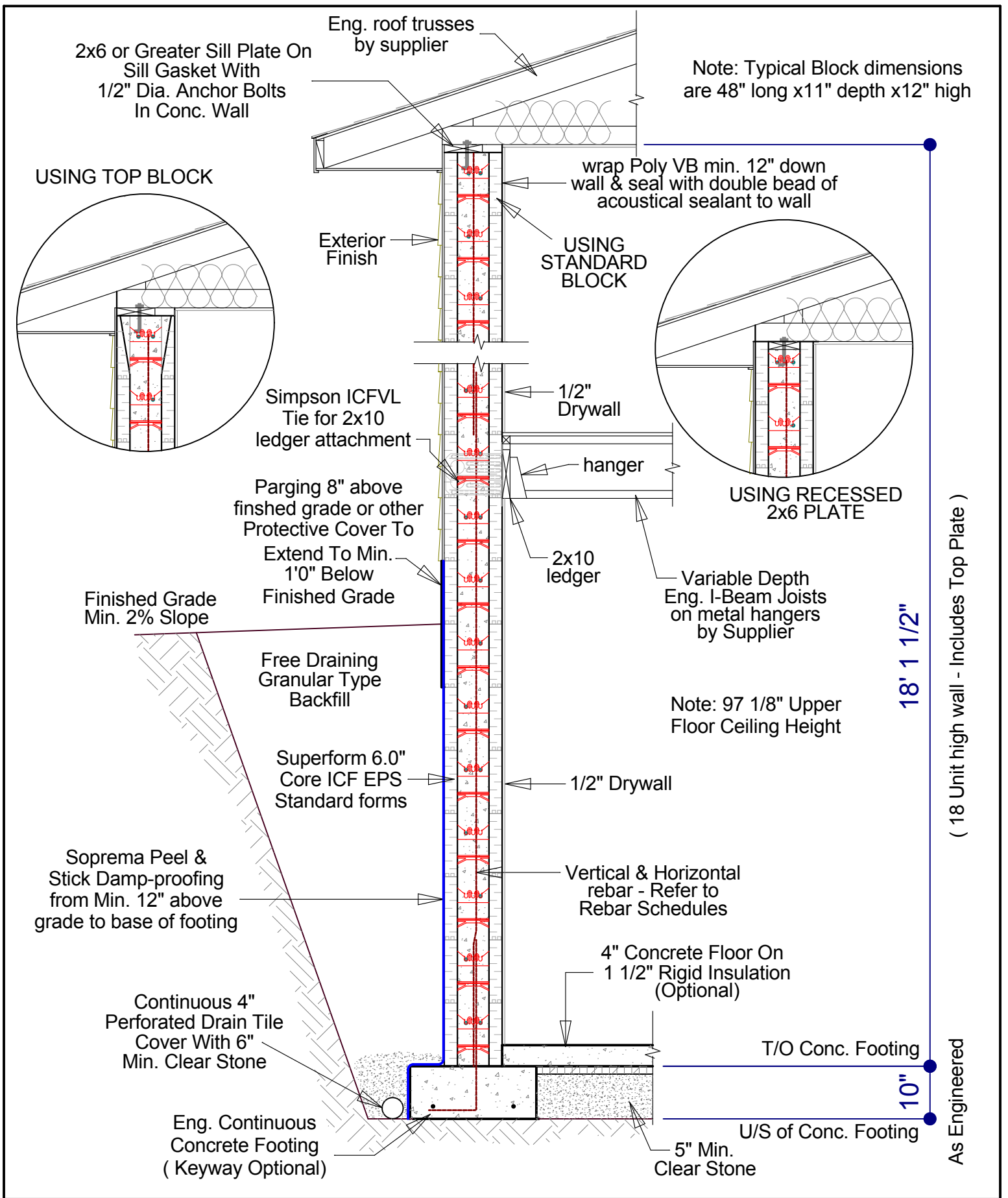
Drawn By: Laura Trent | Date: February 2018 | Pg No: 1 of 1 | DWG No: 4.2.1  
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**Residential Full Height Wall with 6" Core & Eng. Flr. Trusses 18'0" High Wall x 18 units**

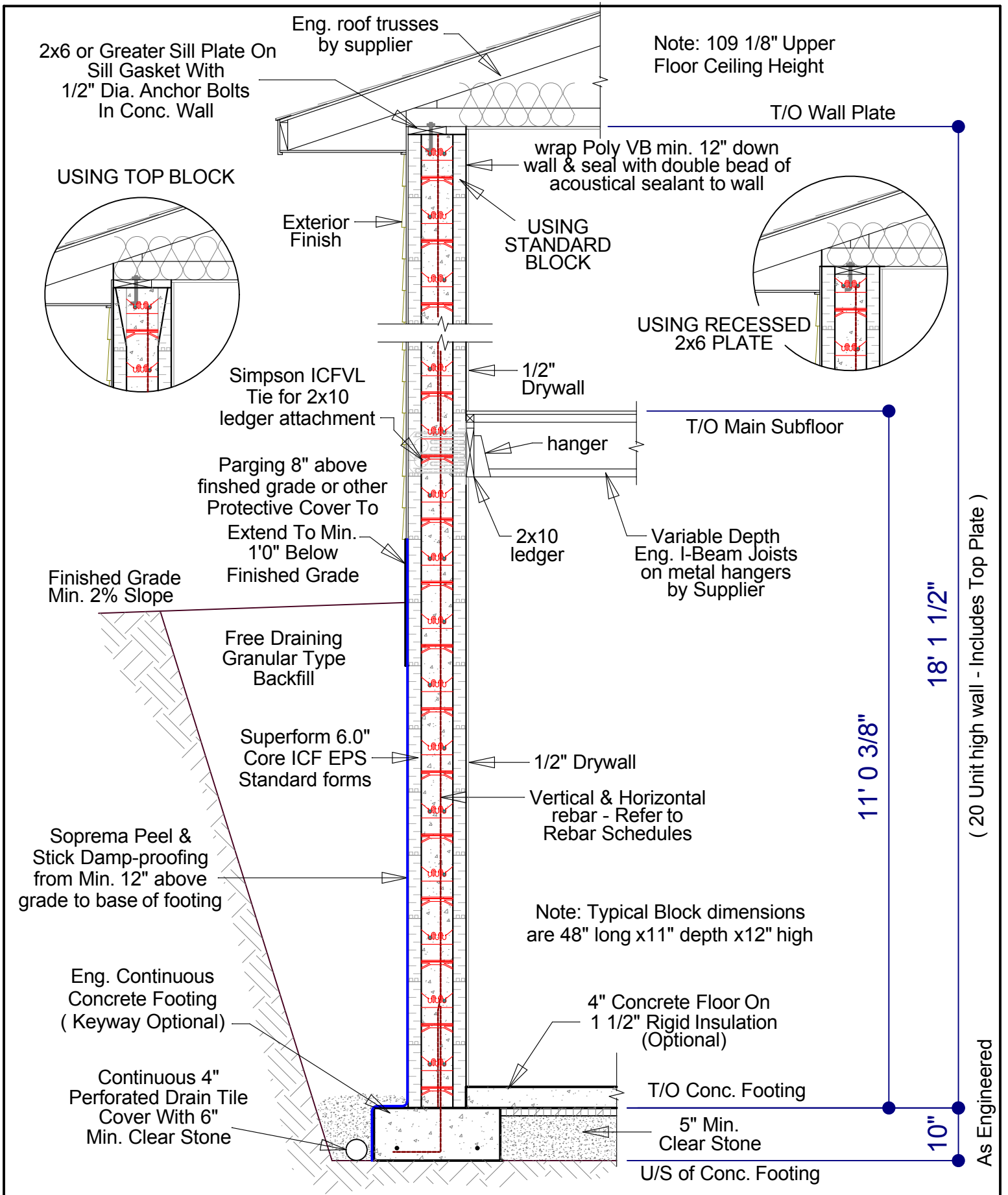
Drawn By: Laura Trent | Date: February 2018 | Pg No: 1 of 1 | DWG No: 4.22  
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### Residential Full Height Wall with 6.0" Core & I-Beam Joists 18'0" High Wall x 18 units

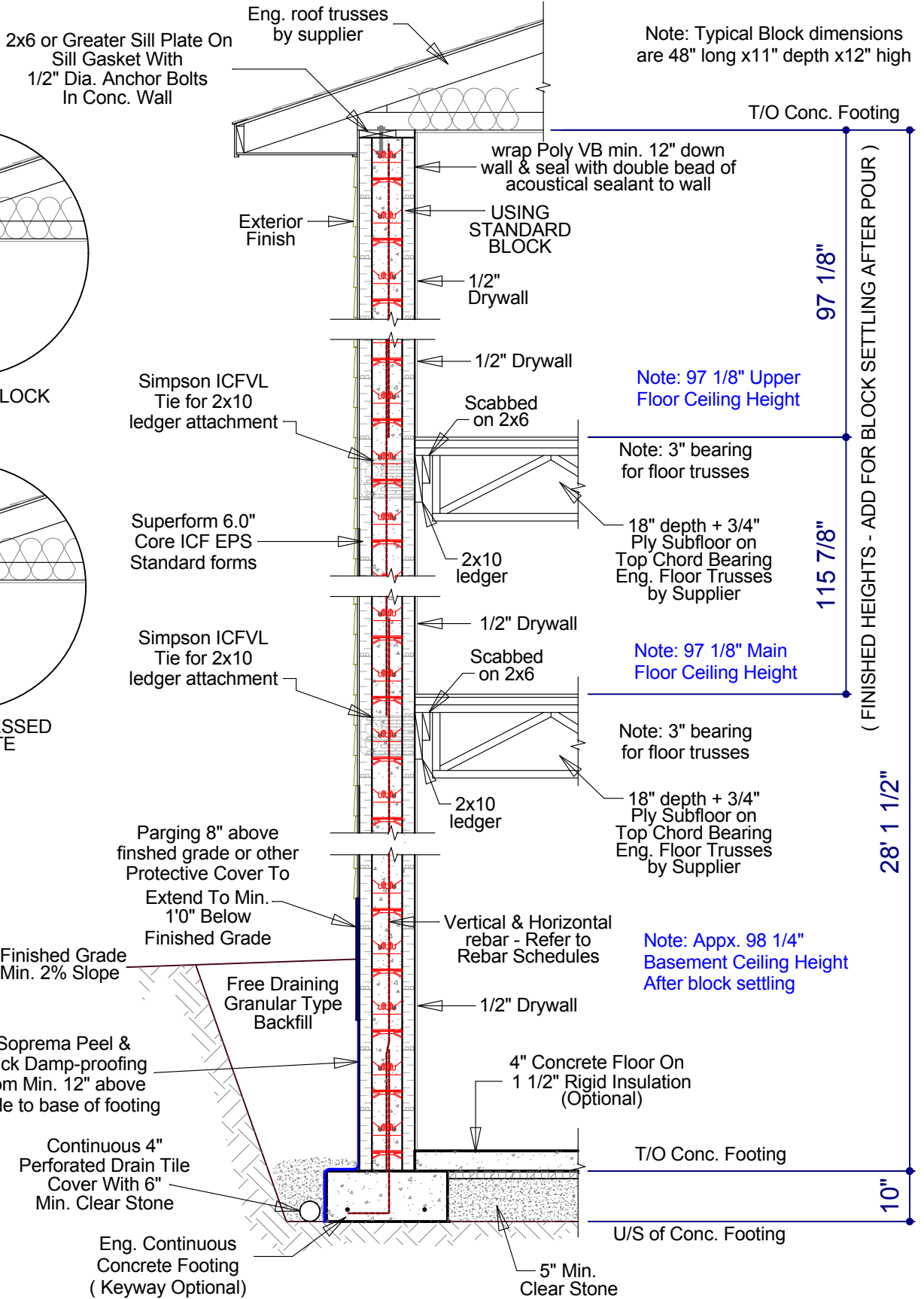
Drawn By: Laura Trent | Date: February 2018 | Pg No: 1 of 1 | DWG No: 4.23  
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### Residential Full Height Wall with 6.0" Core & I-Beam Joists 20'0" High Wall x 20 units

Drawn By: Laura Trent | Date: March 2018 | Pg No: 1 of 1 | DWG No: 4.2.4  
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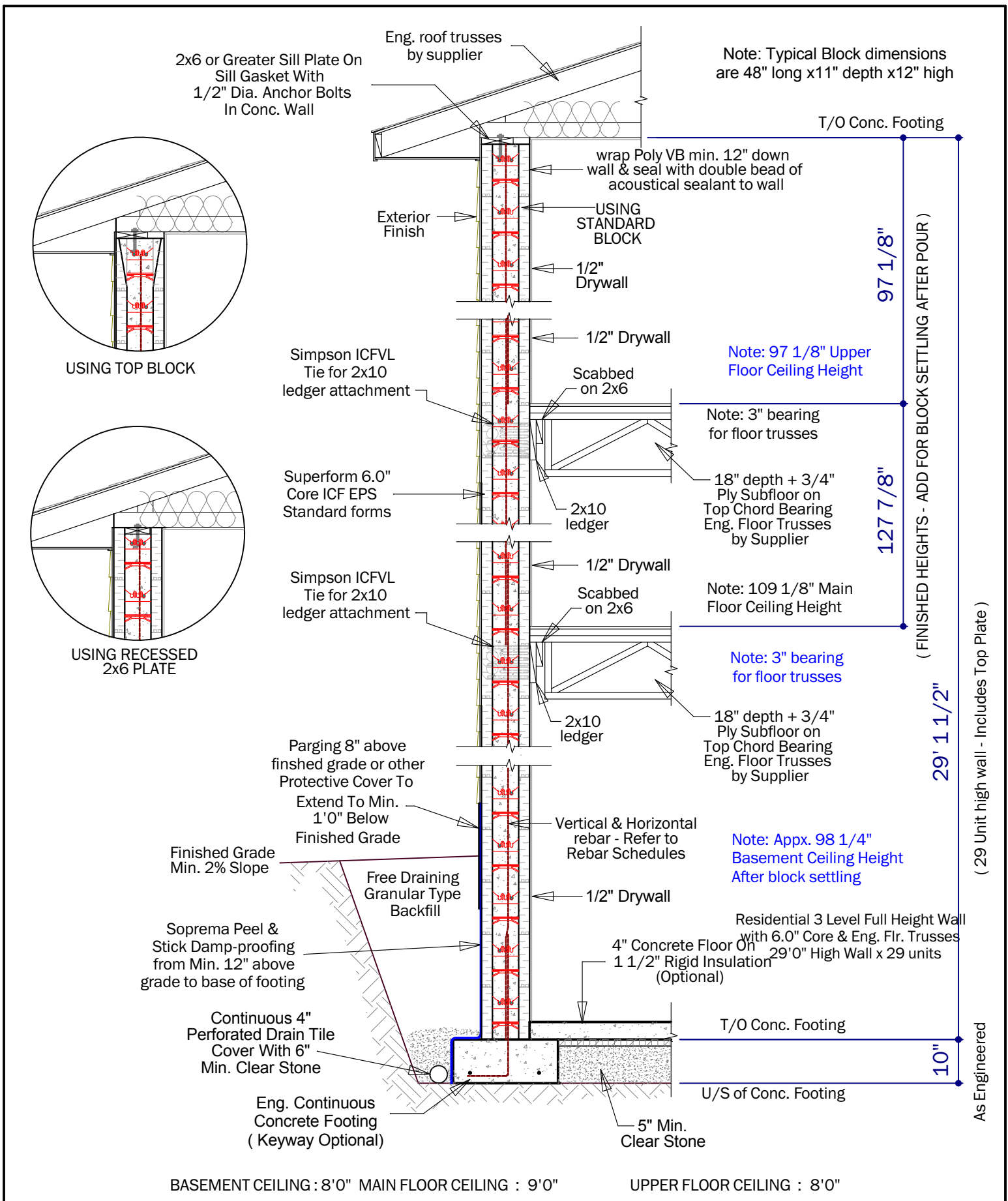
BASEMENT CEILING : 8'0" MAIN FLOOR CEILING : 8'0" UPPER FLOOR CEILING : 8'0"



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### Residential 3 Level Full Height Wall with 6.0" Core & Eng. Flr. Trusses 28'0" High Wall x 28 units

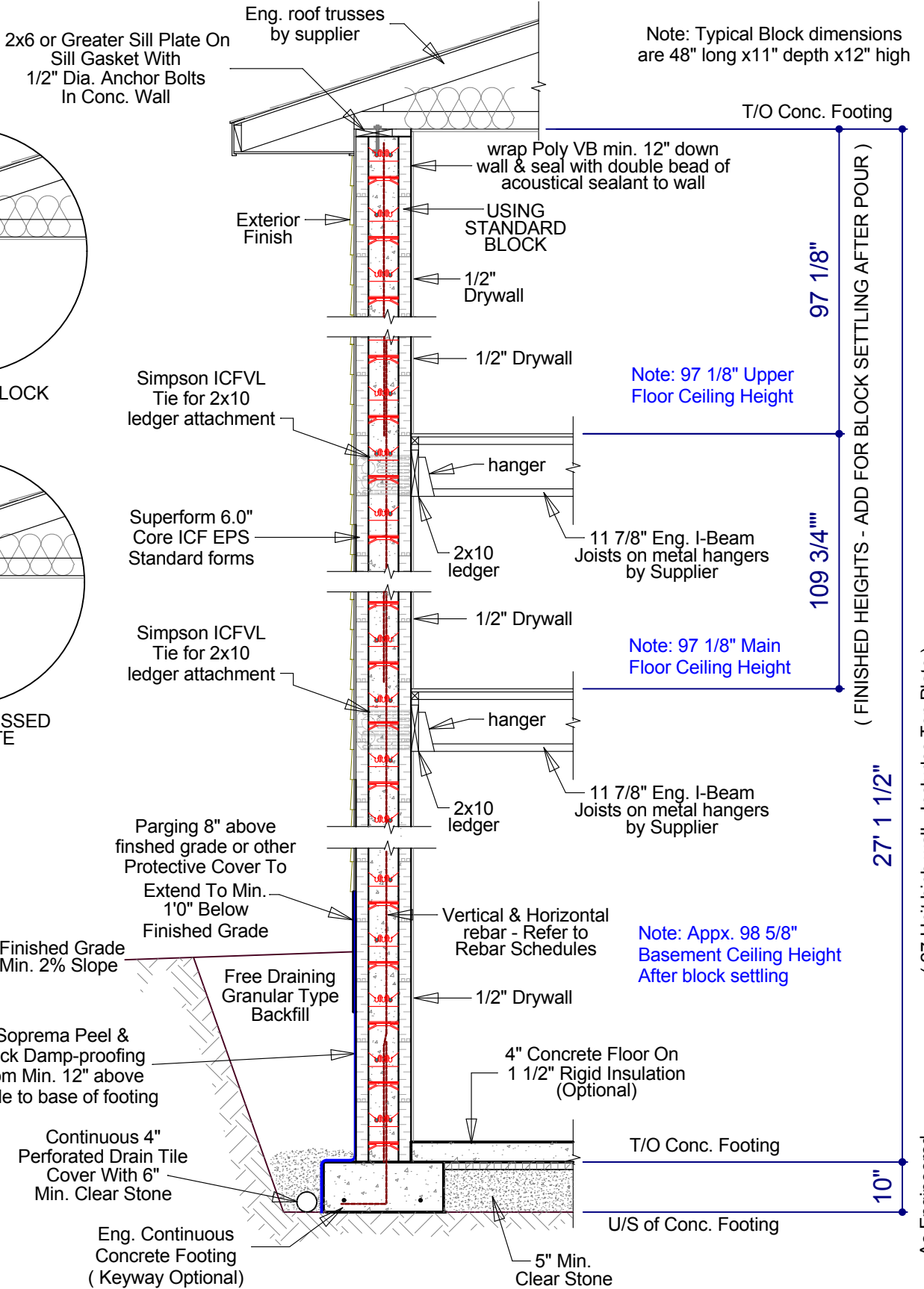
Drawn By: Laura Trent | Date: March 2018 | Pg No: 1 of 1 | DWG No: 4.3.1  
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### Residential 3 Level Full Height Wall with 6.0" Core & Eng. Flor. Trusses 29'0" Height Wall x 29 units

Drawn By: Laura Trent | Date: March 2018 | Pg No: 1 of 1 | DWG No: 4.32  
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BASEMENT CEILING : 8'0" MAIN FLOOR CEILING : 8'0" UPPER FLOOR CEILING : 8'0"

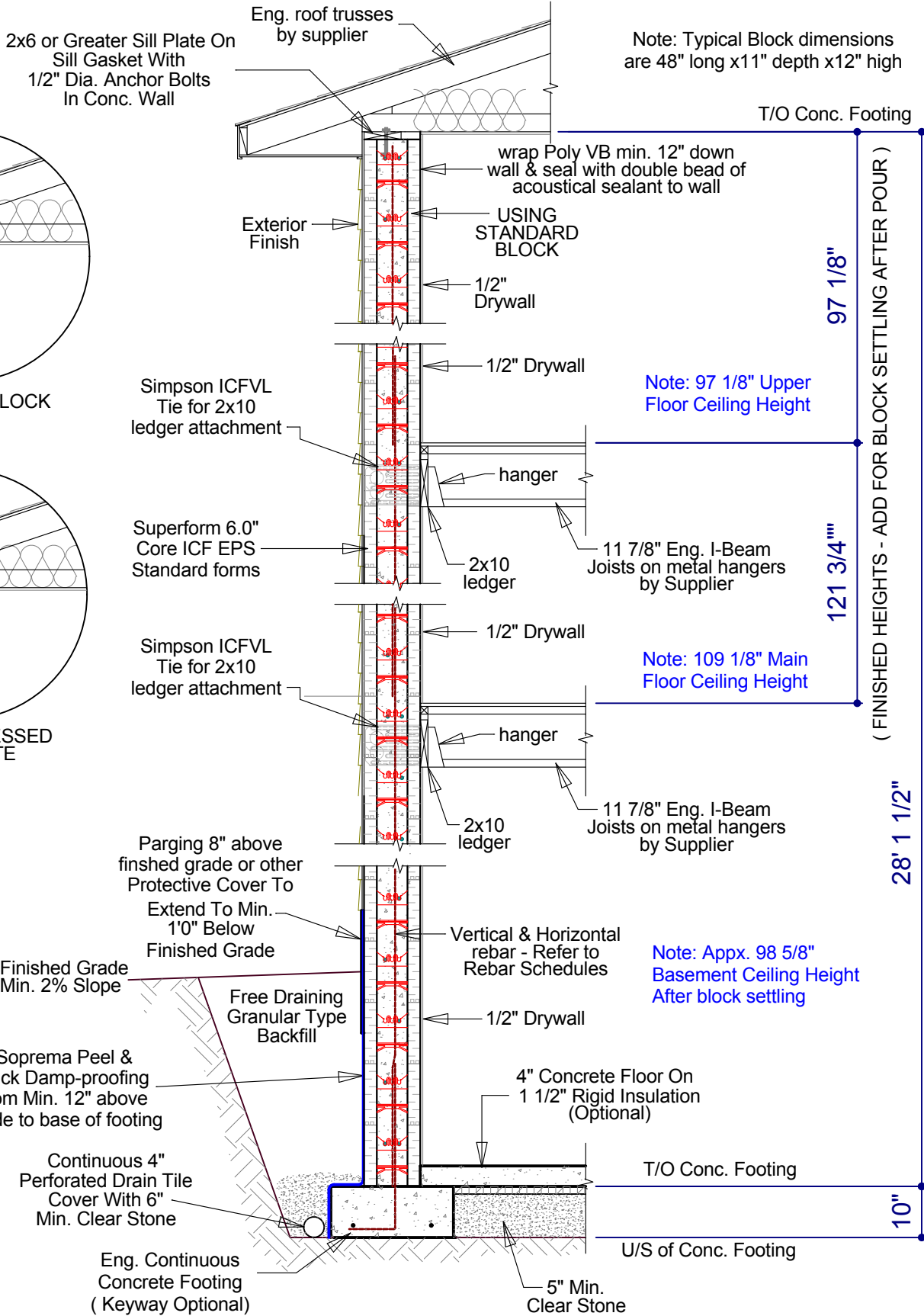


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### Residential 3 Level Full Height Wall with 6.0" Core & 11 7/8" I-Joists 27'0" High Wall x 27 units

Drawn By: Laura Trent | Date: March 2018 | Pg No: 1 of 1 | DWG No: 4.3.3  
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BASEMENT CEILING : 8'0" MAIN FLOOR CEILING : 9'0" UPPER FLOOR CEILING : 8'0"

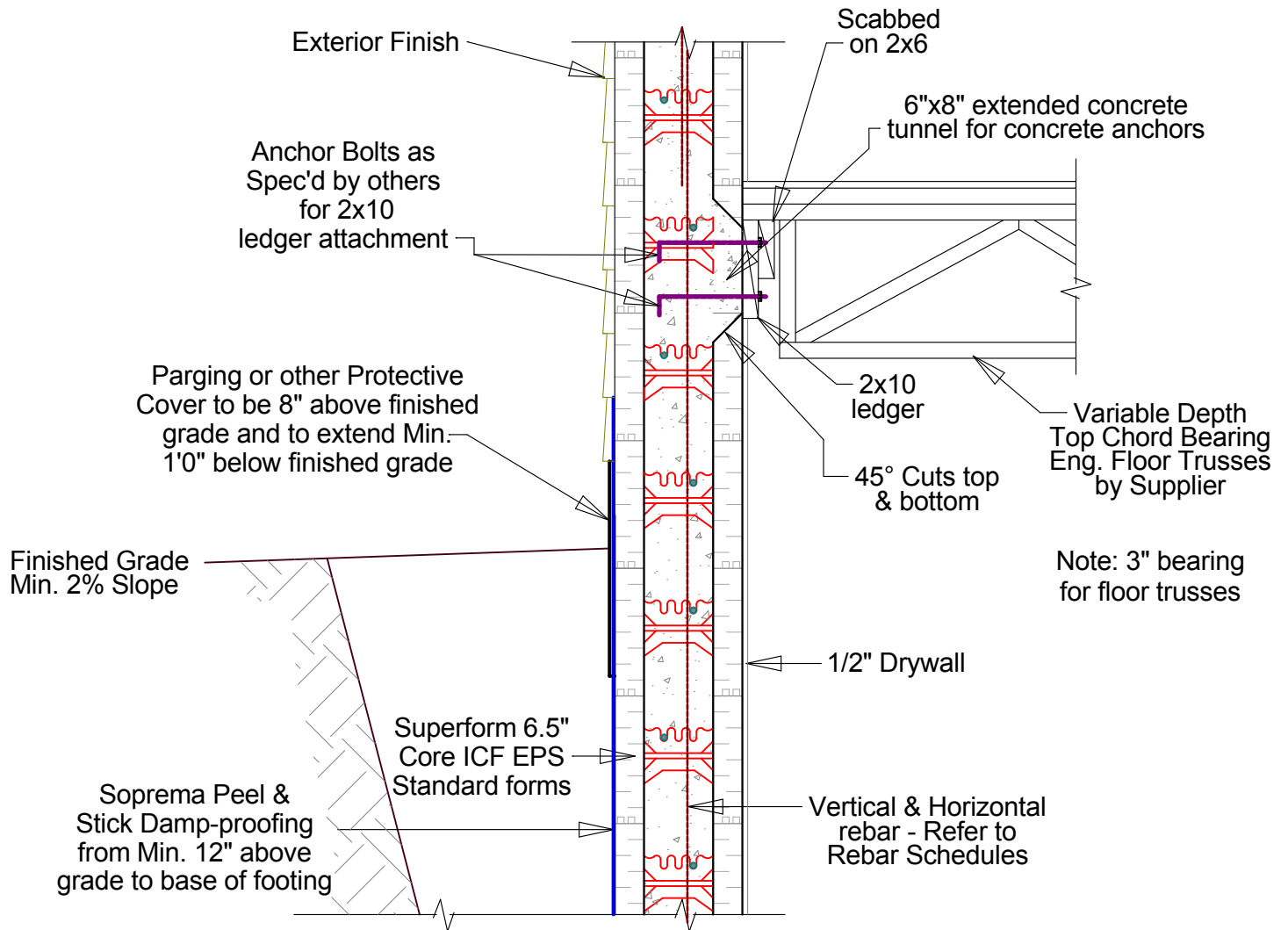


P 877.627.3555 E info@superformicf.ca superformicf.ca  
Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

### Residential 3 Level Full Height Wall with 6.0" Core & 11 7/8" I-Joists 28'0" High Wall x 28 units

Drawn By: Laura Trent | Date: March 2018 | Pg No: 1 of 1 | DWG No: 4.3.4  
Copyright © Superform Products Ltd. 2018

Note: Typical Block dimensions are 48"x12"x12"



USING STANDARD BLOCK



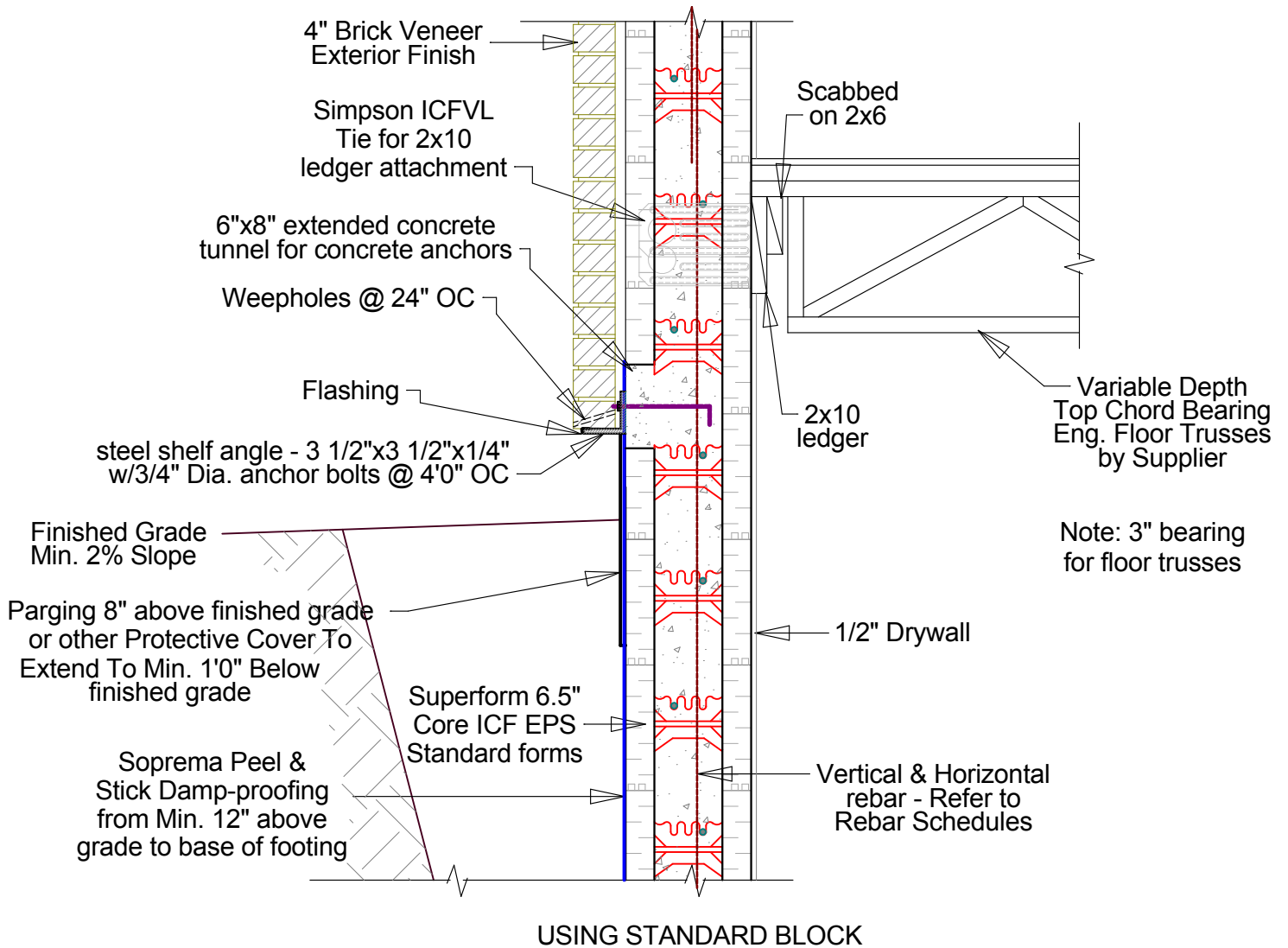
P 877.627.3555 E info@superformicf.ca superformicf.ca  
Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

### Bolted 2x10 Ledger on Residential Full Height Wall with 6.5" Core & Eng. Flr. Trusses

Drawn By: Laura Trent | Date: July 2012 | Pg No: 1 of 1 | DWG No: 4.4.1  
Copyright © Superform Products Ltd. 2012

Note: Typical Block dimensions are 48"x12"x12"

Note: Angle Iron for brick positioned as desired

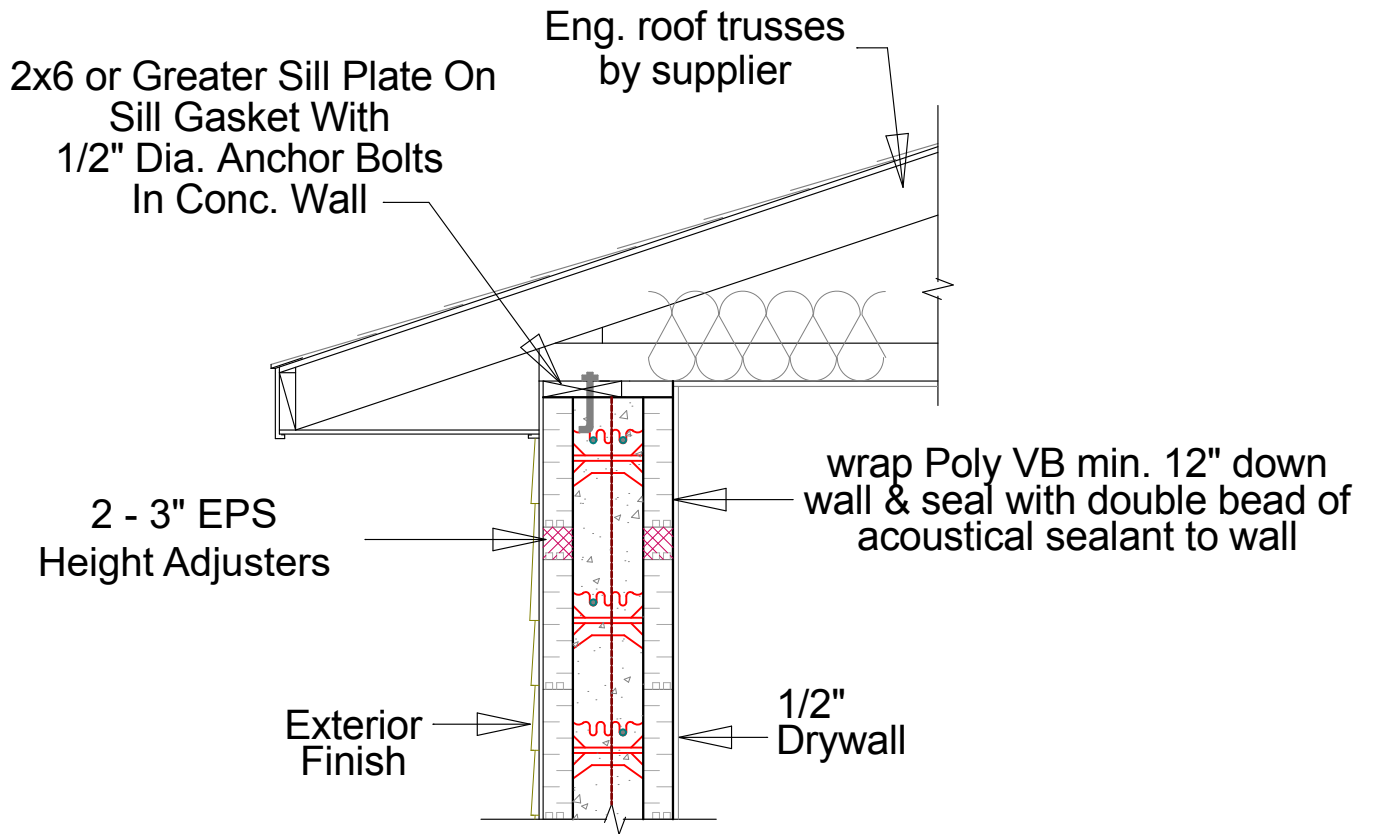


P 877.627.3555 E info@superformicf.ca superformicf.ca  
Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

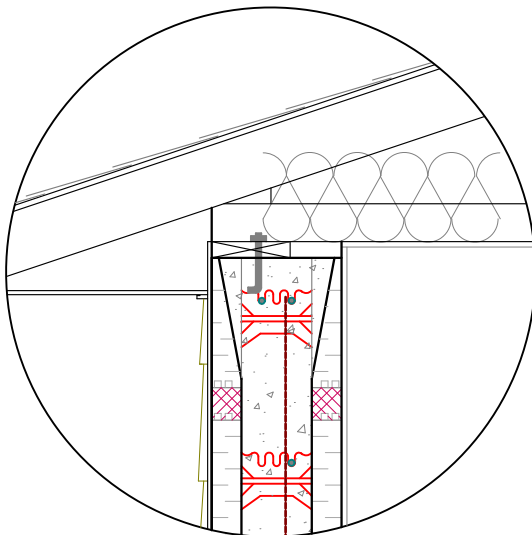
### Brick on Angle Iron Residential Full Height Wall with 6.5" Core & Eng. Fl. Trusses

Drawn By: Laura Trent | Date: July 2012 | Pg No: 1 of 1 | DWG No: 4.4.2  
Copyright © Superform Products Ltd. 2012

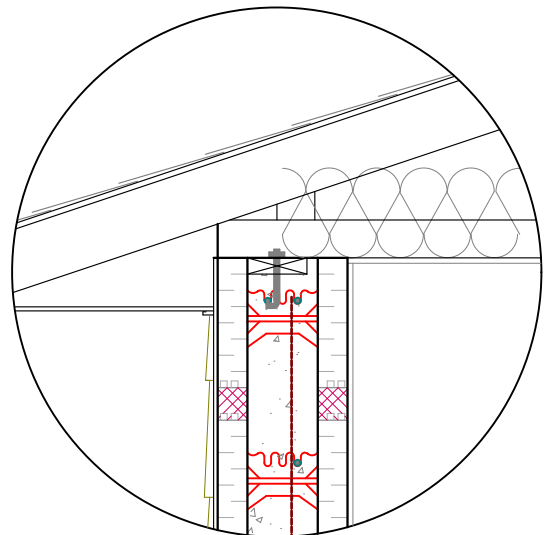
Note: Typical Standard Block dimensions are 48"x12"x12"



USING STANDARD BLOCK



USING TOP BLOCK



USING RECESSED 2x6 PLATE

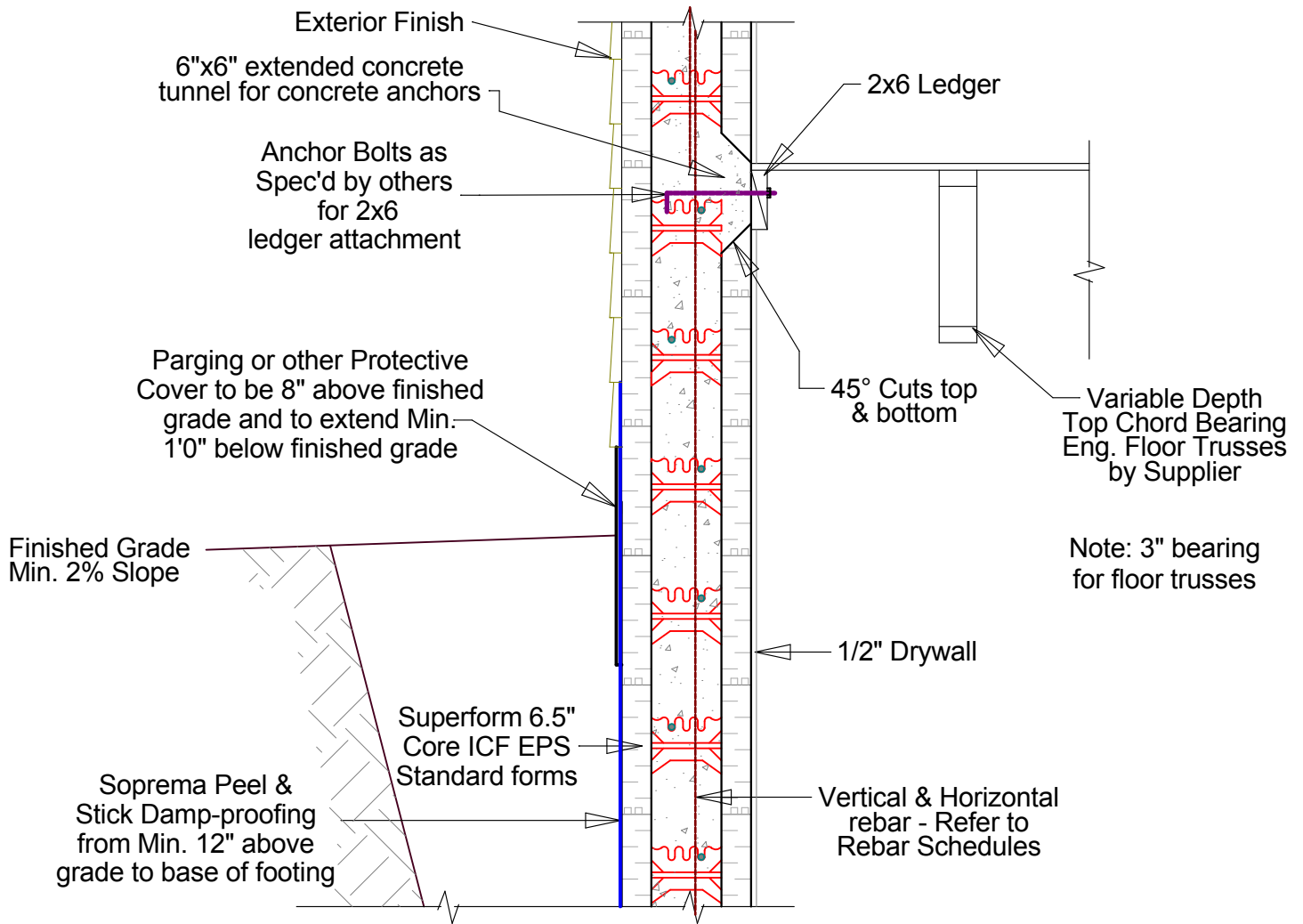


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**Residential Full Height Wall with 6.5" Core with 3" Height Adjuster at Top**

Drawn By: Laura Trent | Date: July 2012 | Pg No: 1 of 1 | DWG No: 4. 4. 3  
Copyright © Superform Products Ltd. 2012

Note: Typical Standard Block dimensions are 48"x12"x12"



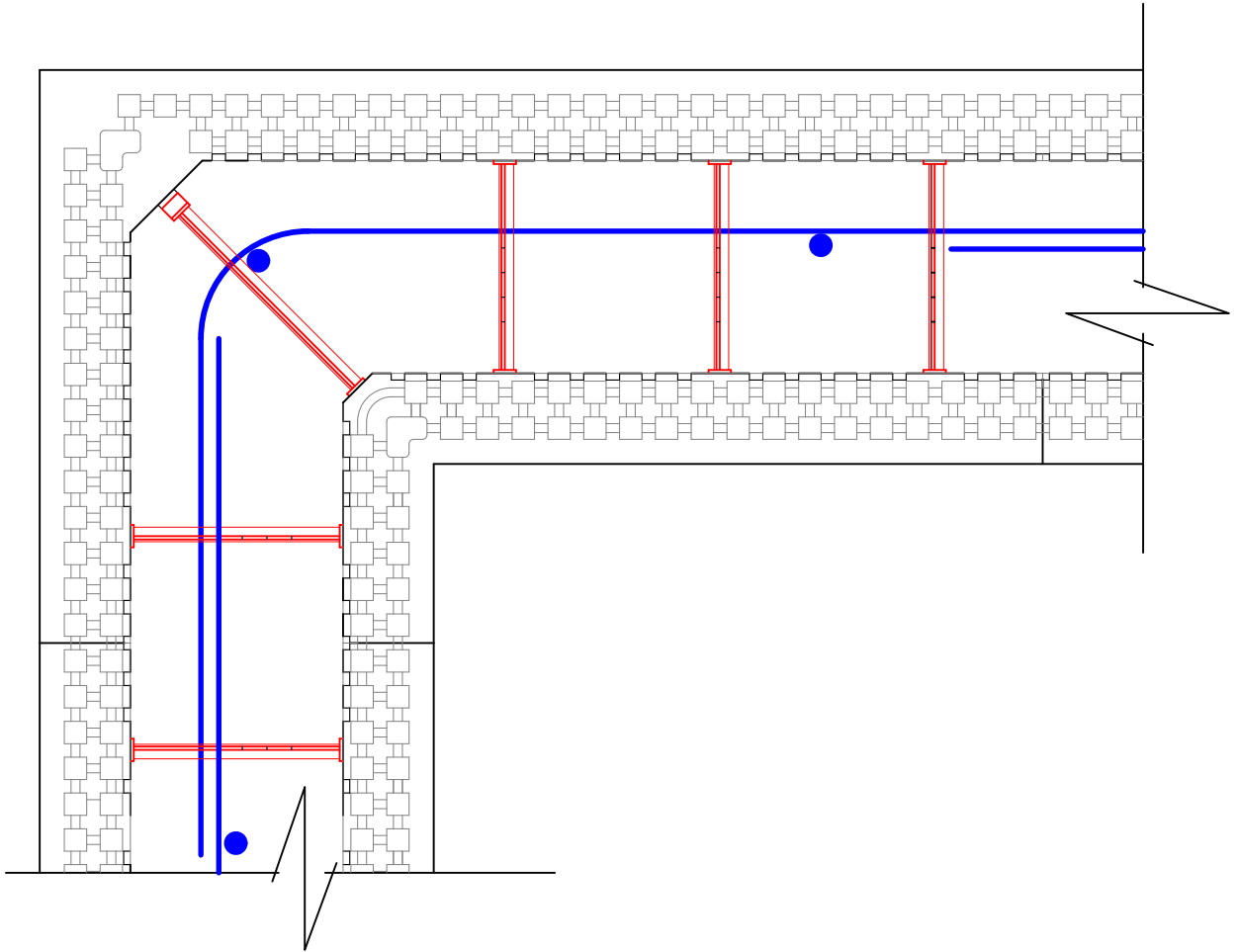
USING STANDARD BLOCK



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Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

### Bolted 2x6 Parallel Ledger on Residential Full Height Wall with 6.5" Core & Eng. Flr. Trusses

Drawn By: Laura Trent | Date: July 2012 | Pg No: 1 of 1 | DWG No: 4.4.4  
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NOTE : SEE ENGINEERED REBAR SCHEDULES  
SUPPLIED BY THE MANUFACTURER



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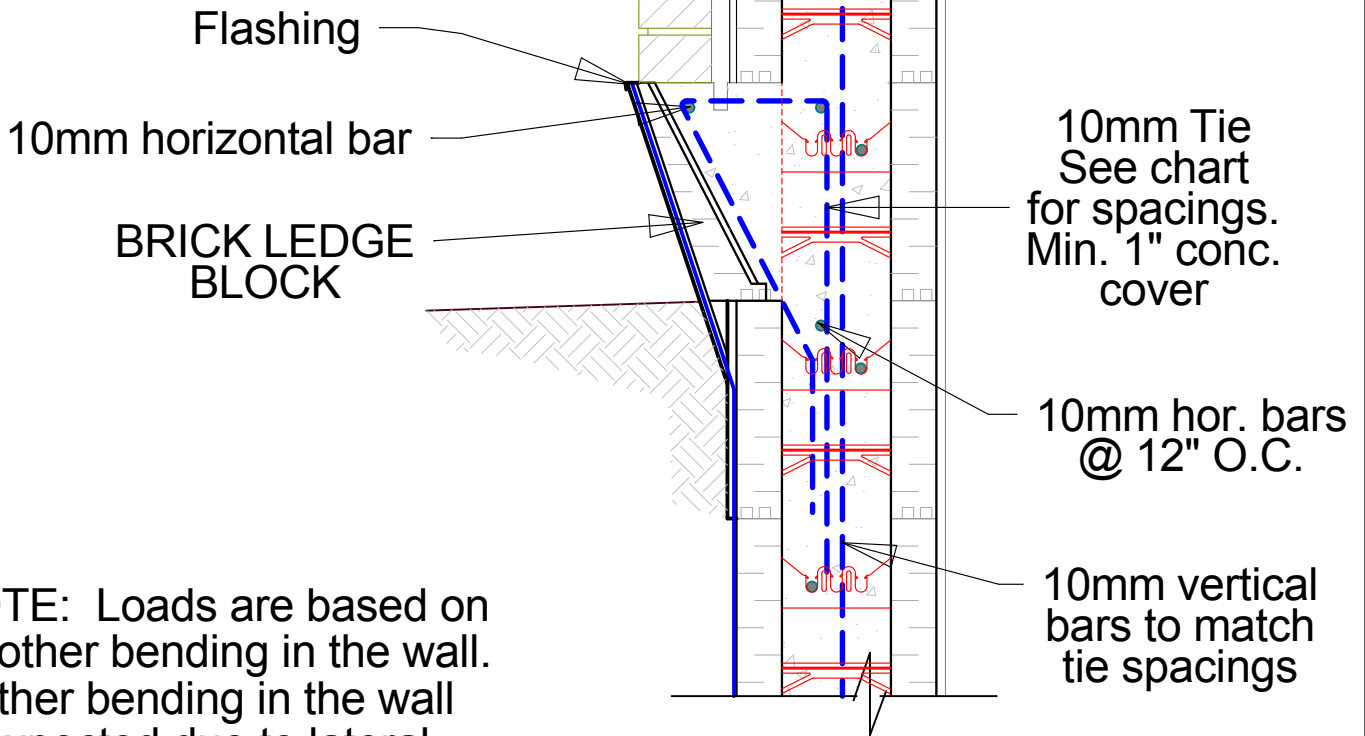
**Steel Reinforcement Wall Corner 90°  
6.0" Core**

Drawn By: Laura Trent | Date: March 2018 | Pg No: 1 of 1 | DWG No: 5.1.1  
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Rebar Spacing	Max. Load LB./FT.
6"	2000 lb/ft
12"	1000 lb/ft

Min. Concrete Strength = 20 MPa  
 Min. Rebar Strength = 400 MPa

LOAD lb/ft.



NOTE: Loads are based on no other bending in the wall. If other bending in the wall is expected due to lateral pressures, brick ledge is to be verified as a system.

NOTE : SEE ENGINEERED REBAR SCHEDULES SUPPLIED BY THE MANUFACTURER



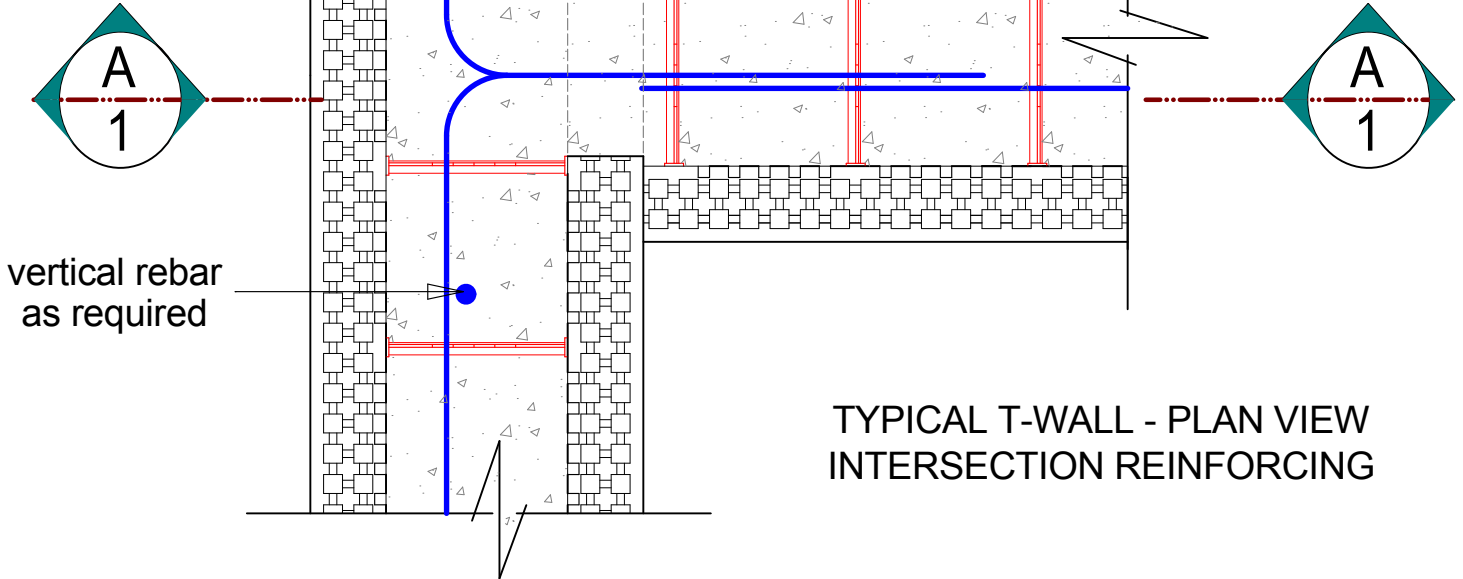
P 877.627.3555 E info@superformicf.ca superformicf.ca  
 Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

Standard Reinforcement Brick Ledge 6.0" Core

Drawn By: Laura Trent | Date: March 2018 | Pg No: 1 of 1 | DWG No: 5.1.2  
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NOTE : SEE ENGINEERED REBAR SCHEDULES  
SUPPLIED BY THE MANUFACTURER

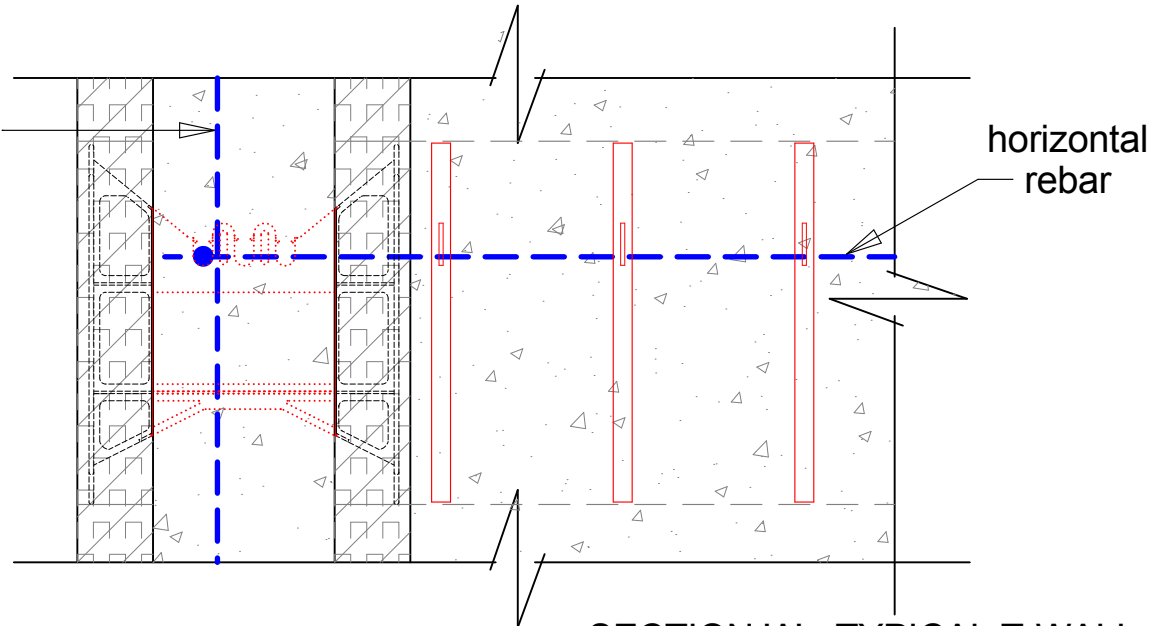
horizontal  
rebar - See  
applicable  
schedules



vertical rebar  
as required

TYPICAL T-WALL - PLAN VIEW  
INTERSECTION REINFORCING

vertical rebar  
as required



horizontal  
rebar

SECTION 'A' - TYPICAL T-WALL  
INTERSECTION REINFORCING

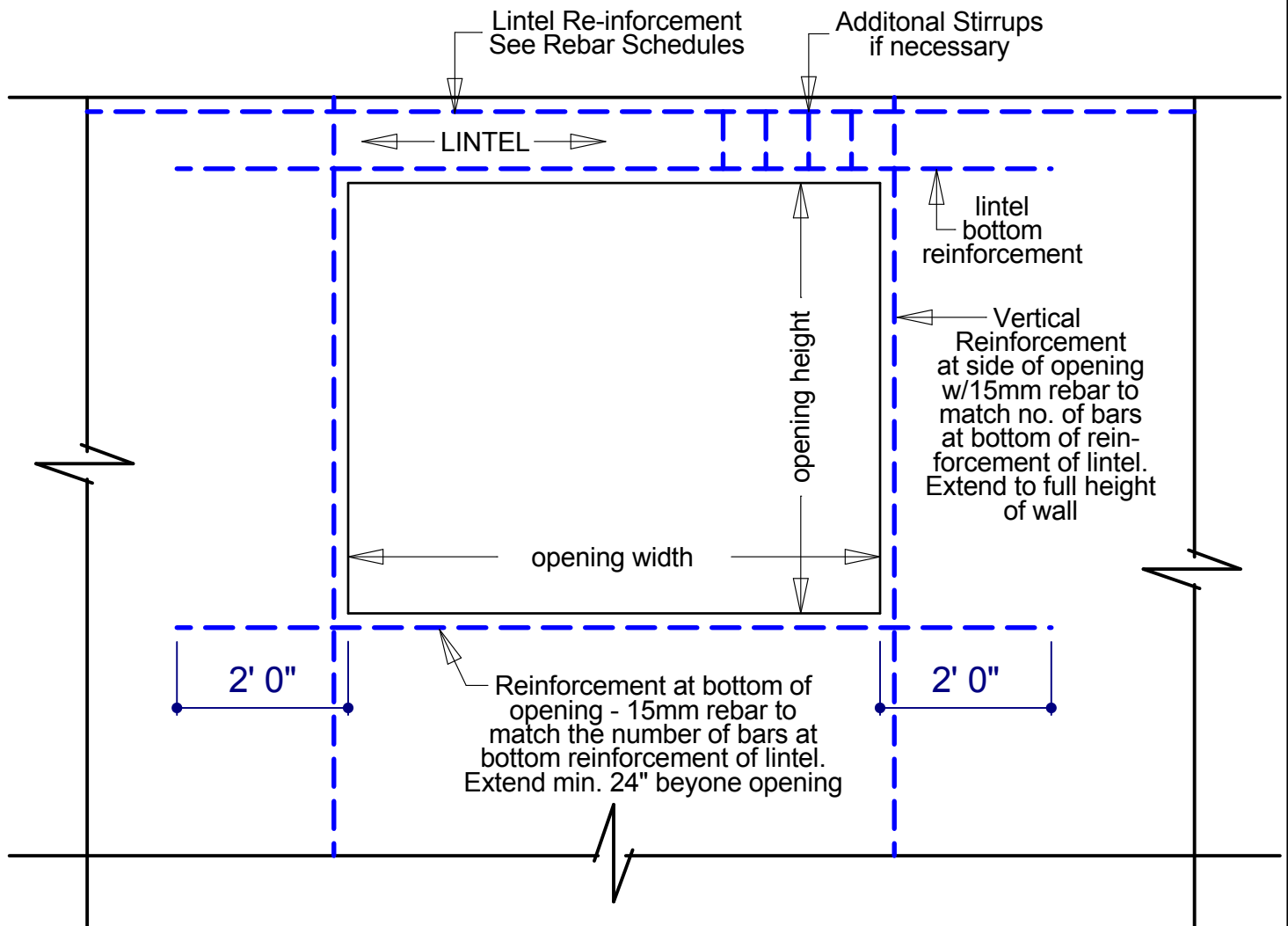


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**Steel Reinforcement T-Wall Intersection  
6.0" Core**

Drawn By: Laura Trent | Date: March 2018 | Pg No: 1 of 1 | DWG No: 5.1.3  
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## TYPICAL WALL OPENING REINFORCEMENT

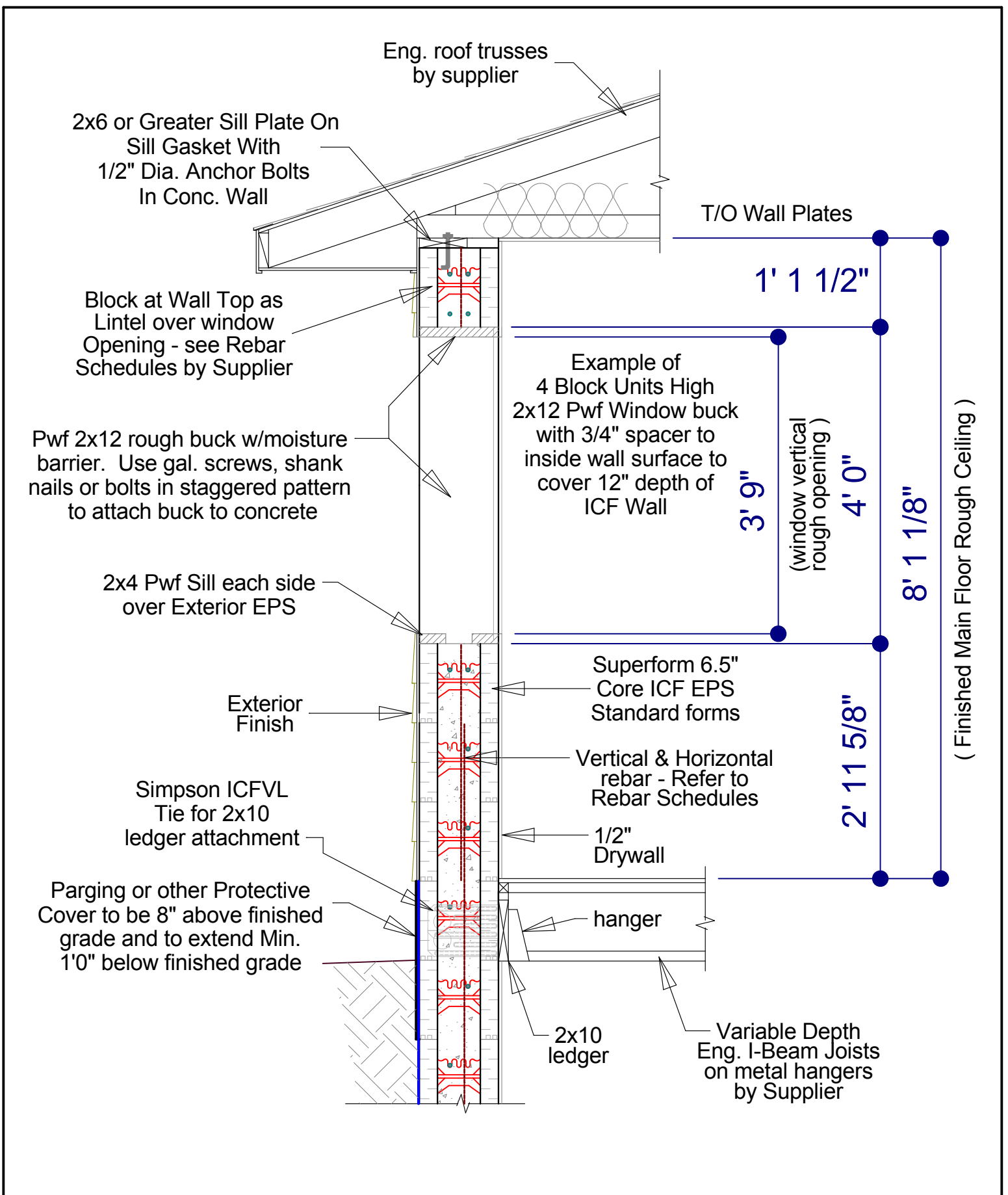
NOTE : SEE ENGINEERED REBAR SCHEDULES  
SUPPLIED BY THE MANUFACTURER



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Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

### Typical Window/Door Opening Reinforcement 6.0" Core

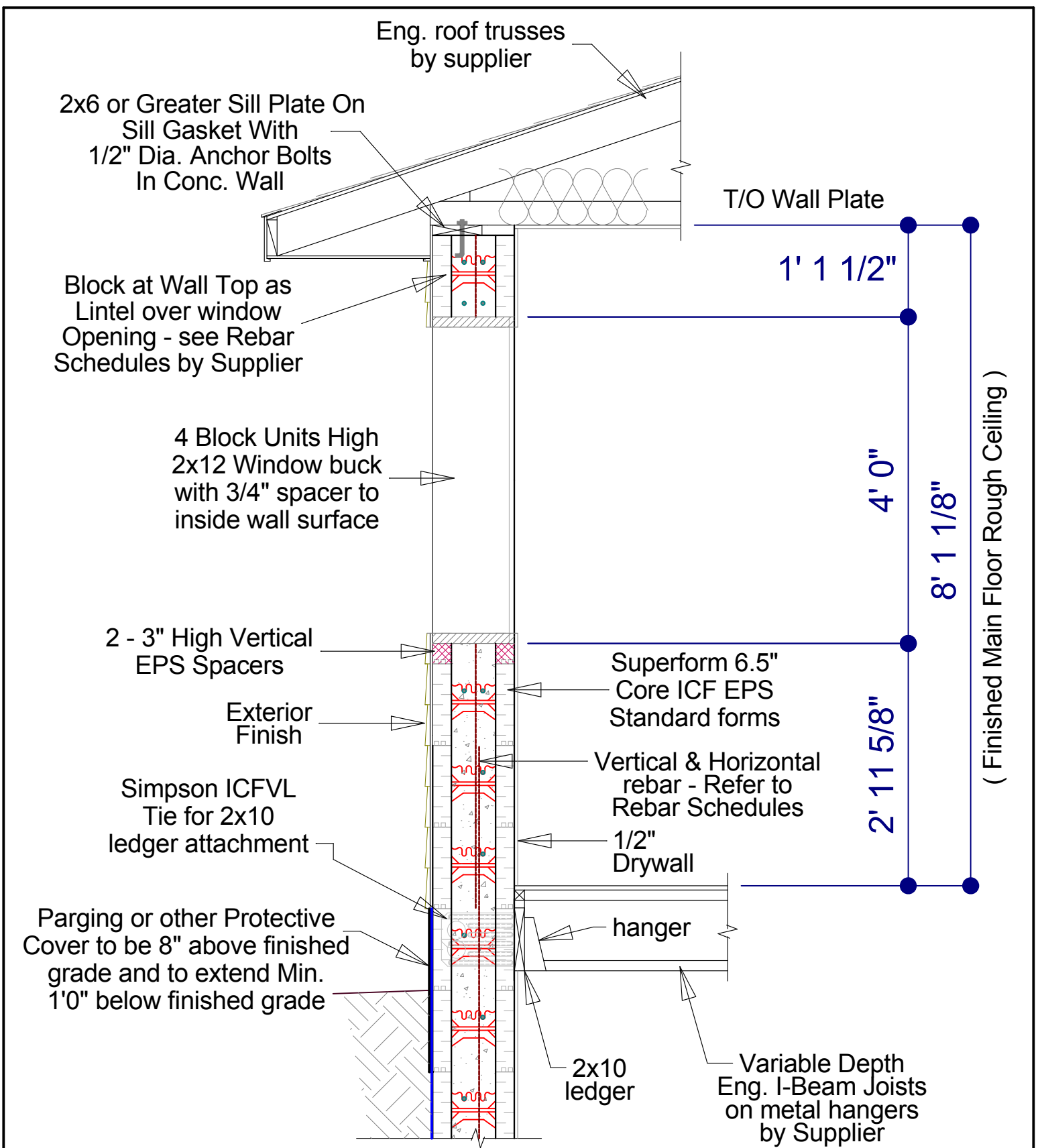
Drawn By: Laura Trent | Date: March 2018 | Pg No: 1 of 1 | DWG No: 5.14  
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### Window Buck in Residential Wall with 6.5" Core

Drawn By: Laura Trent | Date: September 2012 | Pg No: 1 of 1 | DWG No: 5.2.1  
 Copyright © Superform Products Ltd. 2012



Note: Typical Standard Block dimensions are 48"x12"x12"

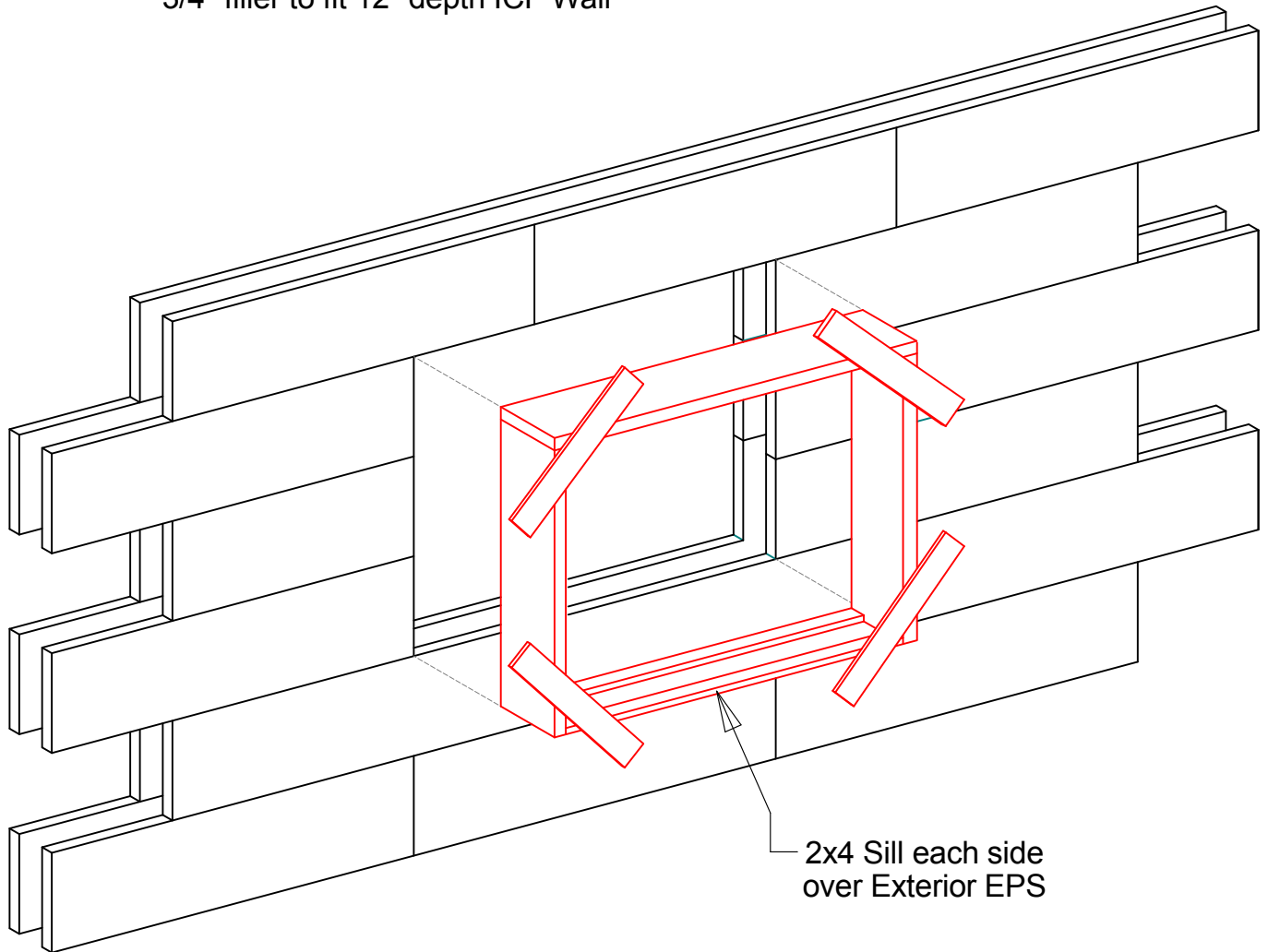


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**Window Buck with 3" High Vertical Spacer in Residential Wall with 6.5" Core**

Drawn By: Laura Trent | Date: July 2012 | Pg No: 1 of 1 | DWG No: 5.2.2  
 Copyright © Superform Products Ltd. 2012

Note: 2x12 dimension lumber with  
3/4" filler to fit 12" depth ICF Wall



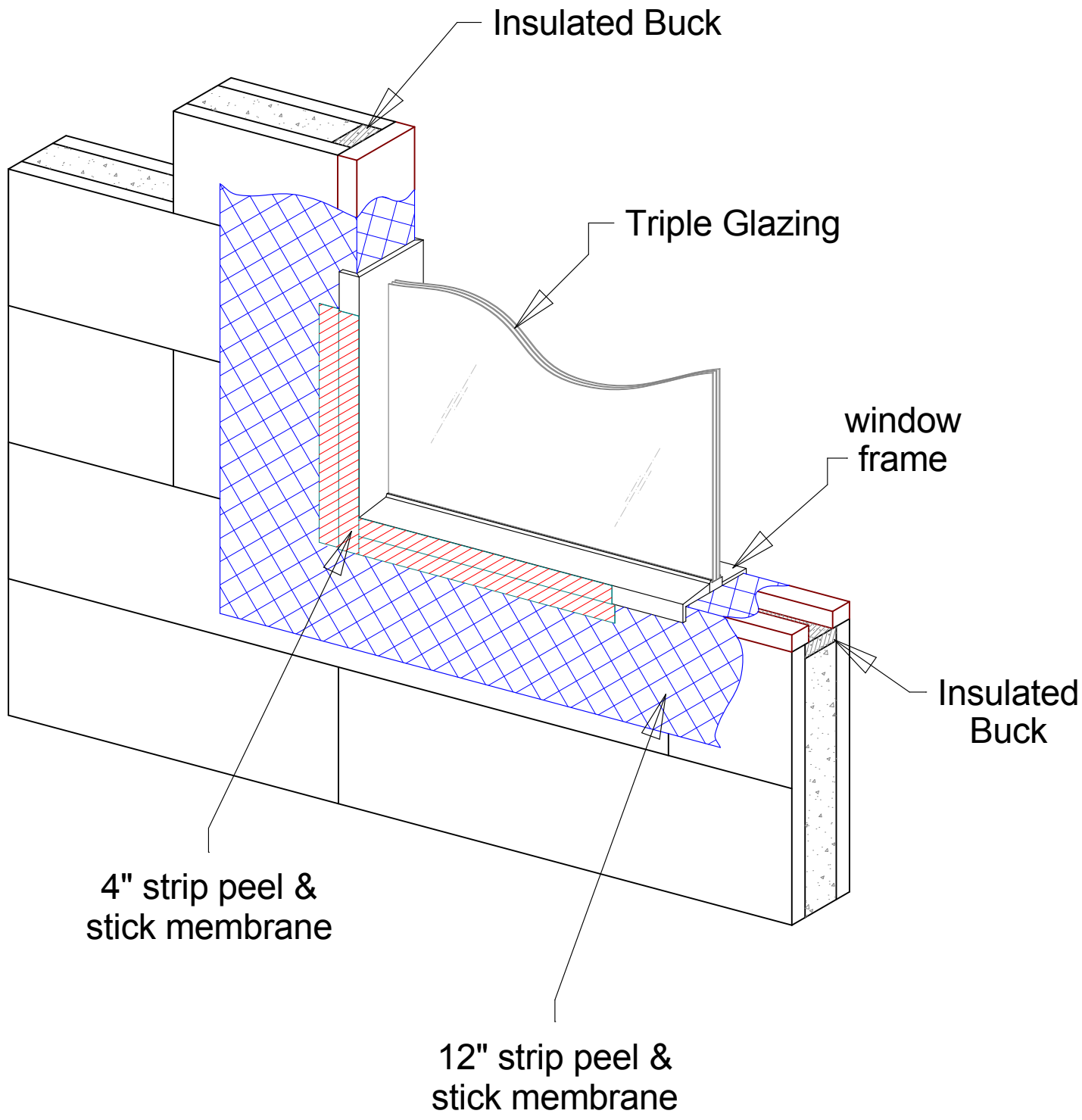
Fix 1 x 4 Strapping To Outside  
Of Frame. Do The Same On  
Other Side Of Frame. This Keeps  
The Frame From Sliding In Or Out  
Of The Concrete And Keeps  
The Opening Square.



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### Window Buck Detail Isometric in Standard 6.5" Block Wall

Drawn By: Laura Trent | Date: September 2012 | Pg No: 1 of 1 | DWG No: 5.2.3  
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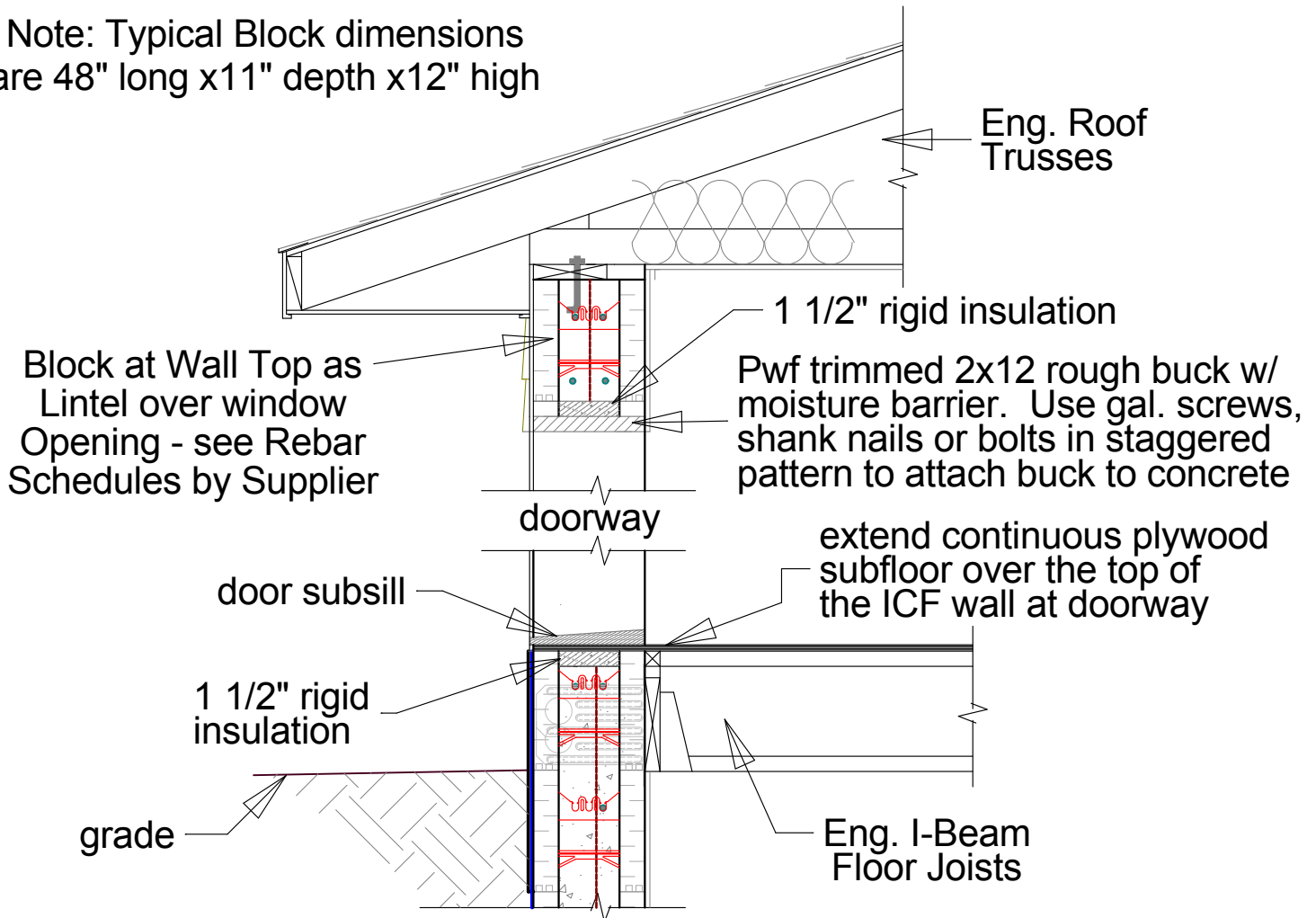


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 Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

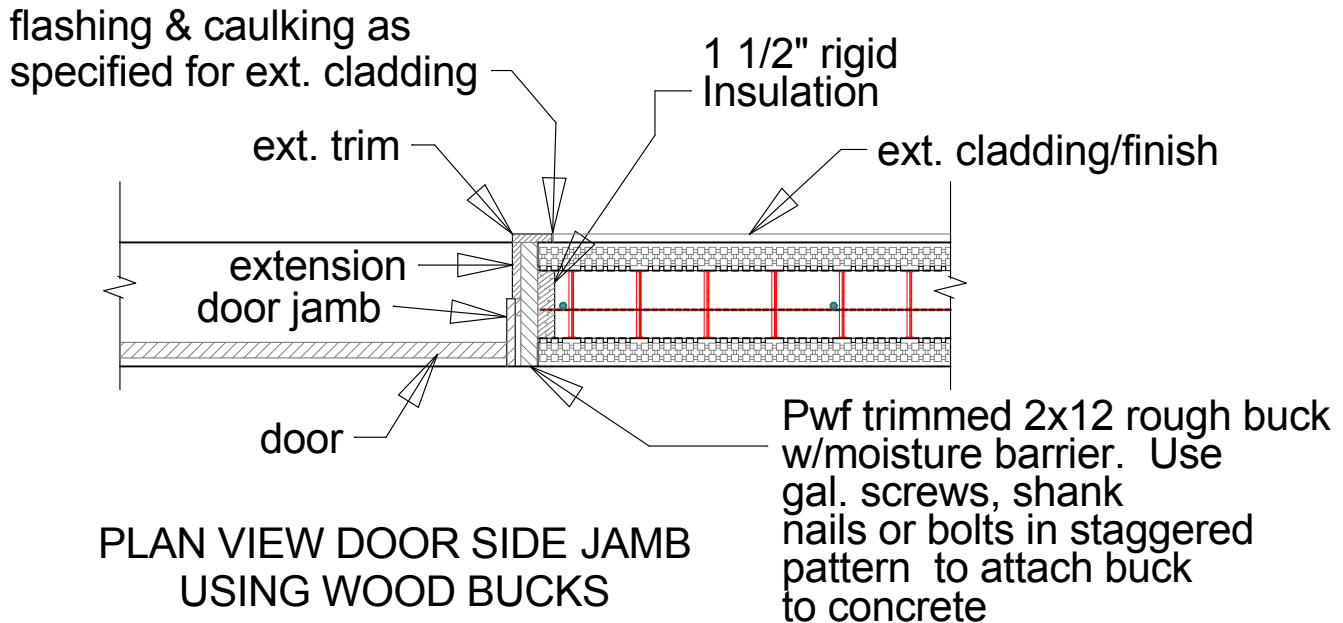
**Window Flashing Detail for Window Buck in Standard 6.5" Block Wall**

Drawn By: Laura Trent | Date: September 2012 | Pg No: 1 of 1 | DWG No: 5.2.4  
 Copyright © Superform Products Ltd. 2012

Note: Typical Block dimensions are 48" long x 11" depth x 12" high



CROSS SECTION DOOR HEAD & SILL USING WOOD BUCKS



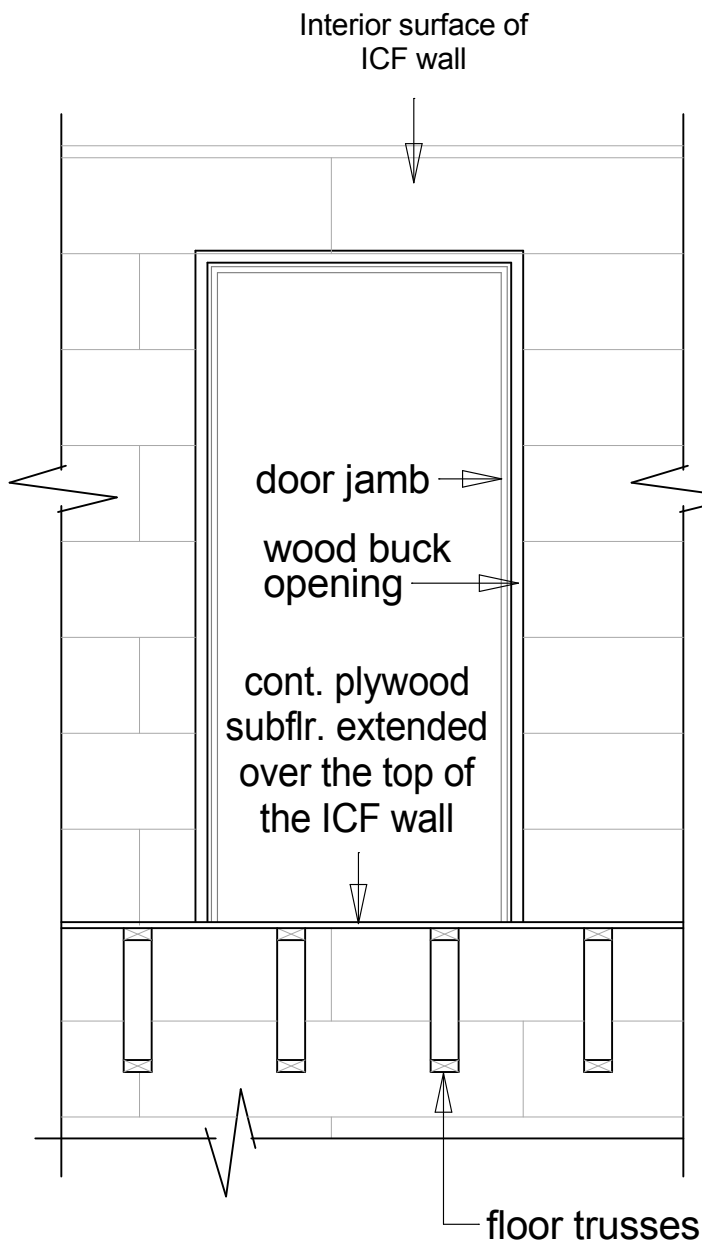
PLAN VIEW DOOR SIDE JAMB USING WOOD BUCKS



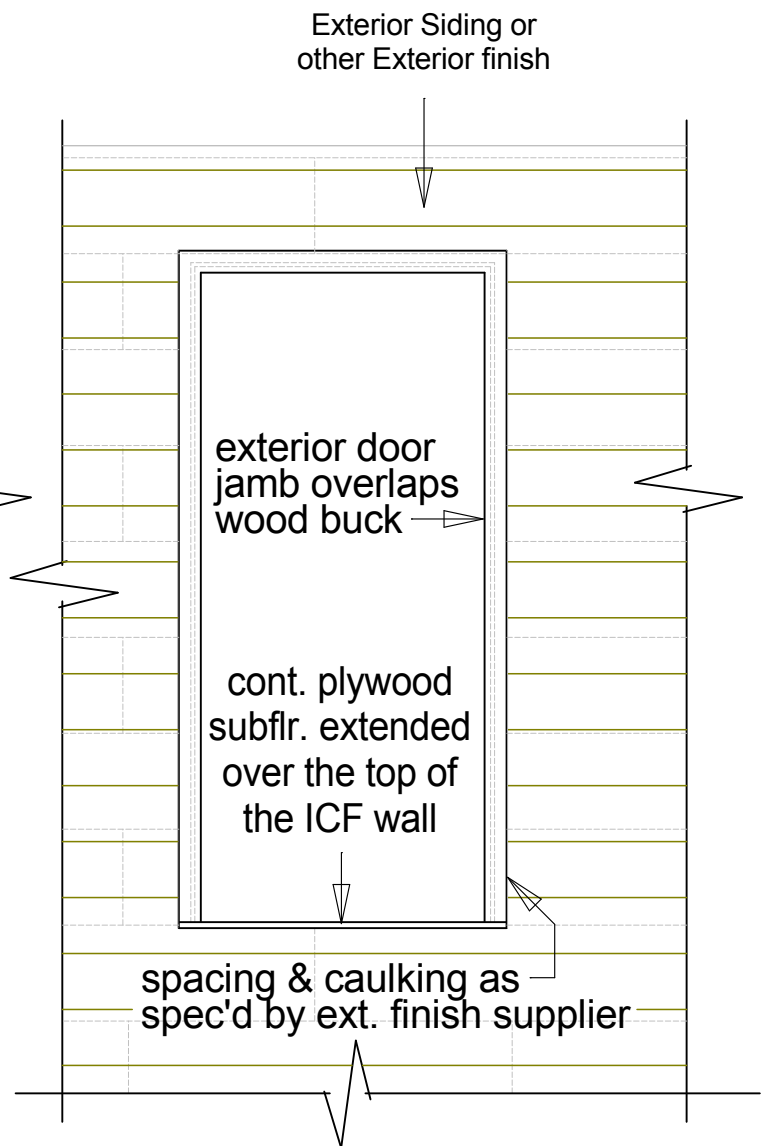
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Door Jambs in Residential Wall with 6.0" Core

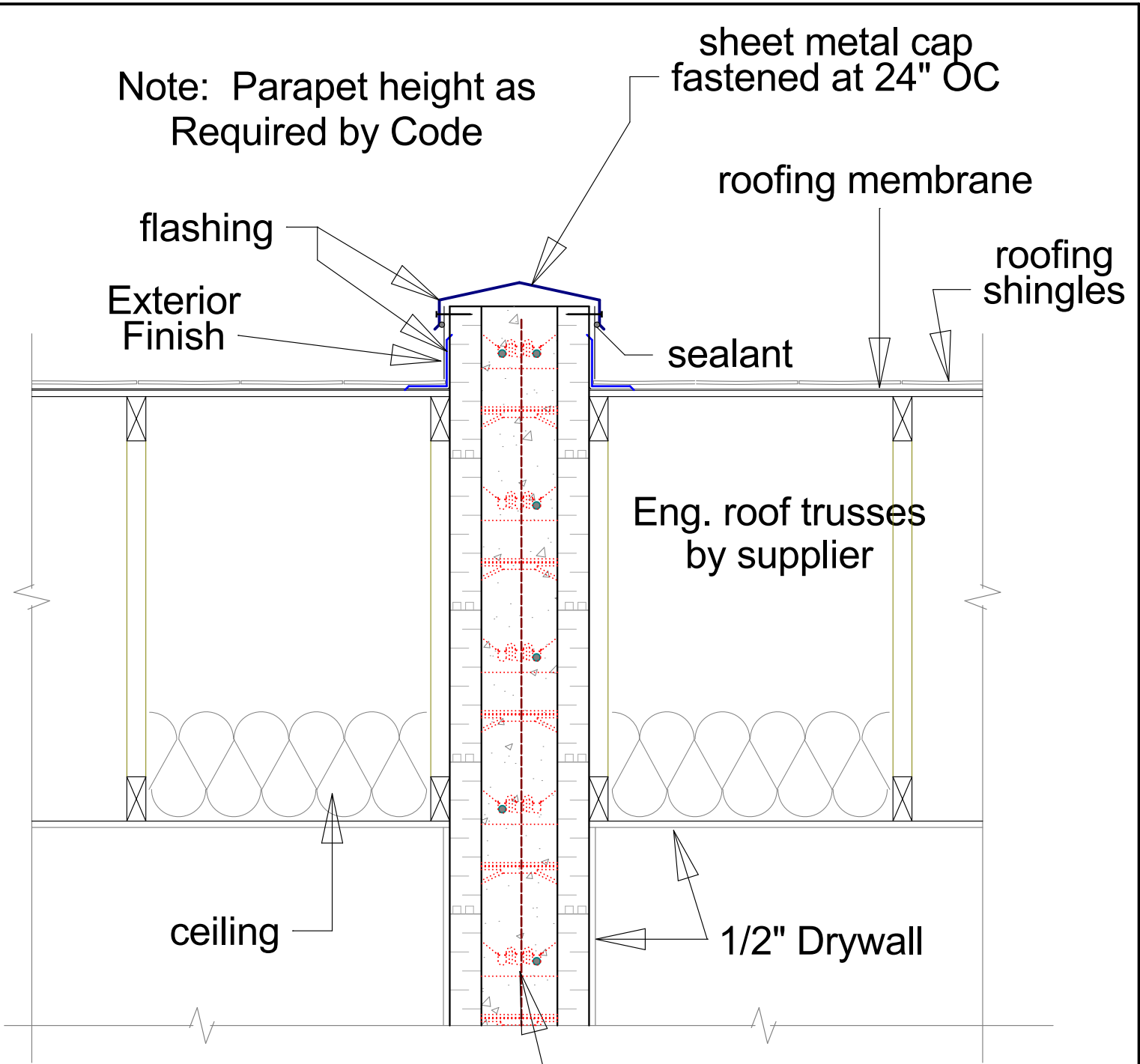
Drawn By: Laura Trent | Date: March 2018 | Pg No: 1 of 1 | DWG No: 5.3.1  
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INTERIOR ELEVATION  
OF DOOR JAMB IN  
WOOD BUCK OPENING



EXTERIOR ELEVATION  
OF DOOR JAMB IN  
OPENING OVER BUCK



Note: Parapet height as Required by Code

sheet metal cap fastened at 24" OC

roofing membrane

roofing shingles

flashing

Exterior Finish

sealant

Eng. roof trusses by supplier

ceiling

1/2" Drywall

Vertical & Horizontal rebar - Refer to Rebar Schedules

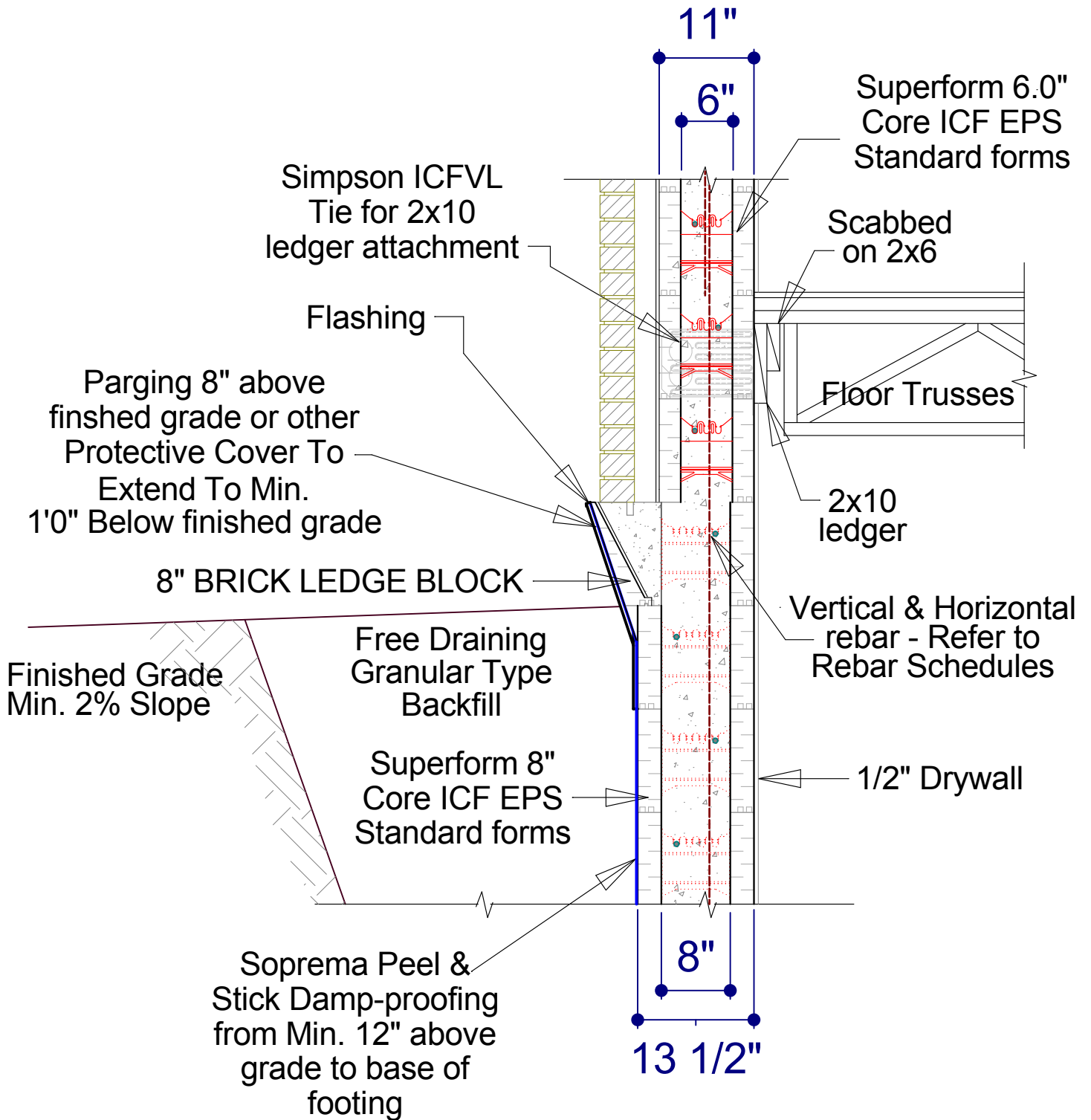


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**Parapet / Firewall Through Residential Roof System 6.0" Core**

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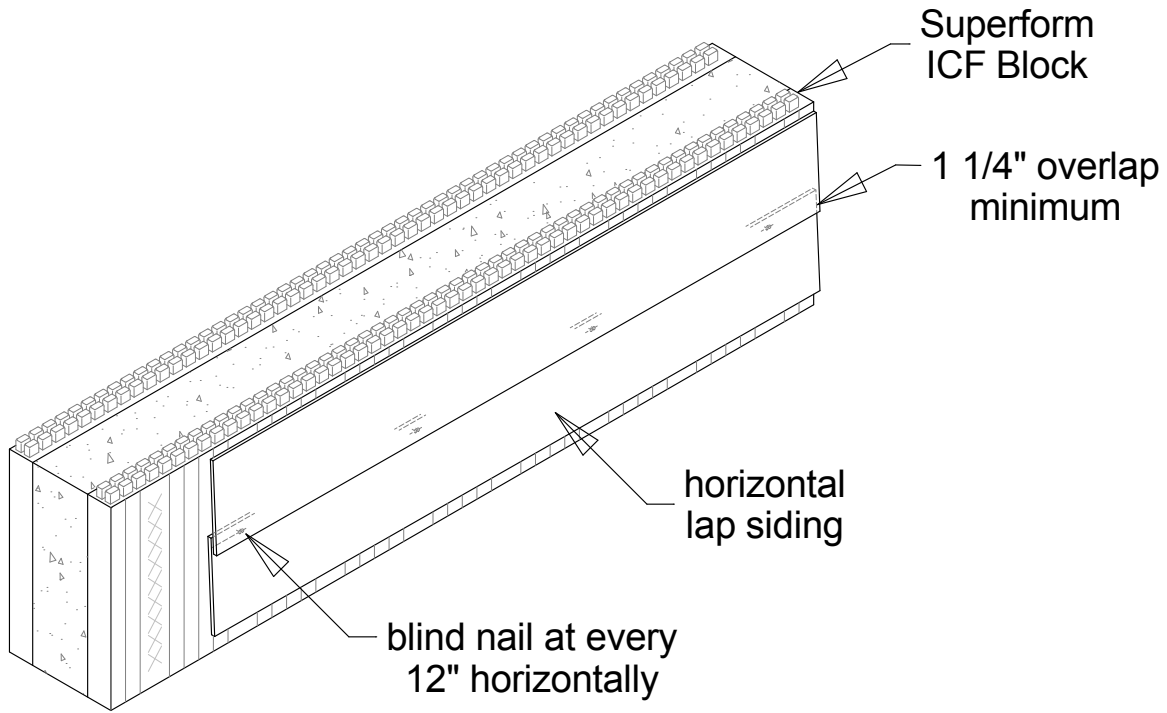
**8" BELOW GRADE WALL TRANSITIONING TO UPPER 6.0" WALL FOR USE WITH BRICK LEDGE & HIGHER BACKFILL SITUATIONS**



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**8" Brick Ledge Block on below grade Standard 8" Block Wall Transitioning to 6.0" Upper Block Wall**

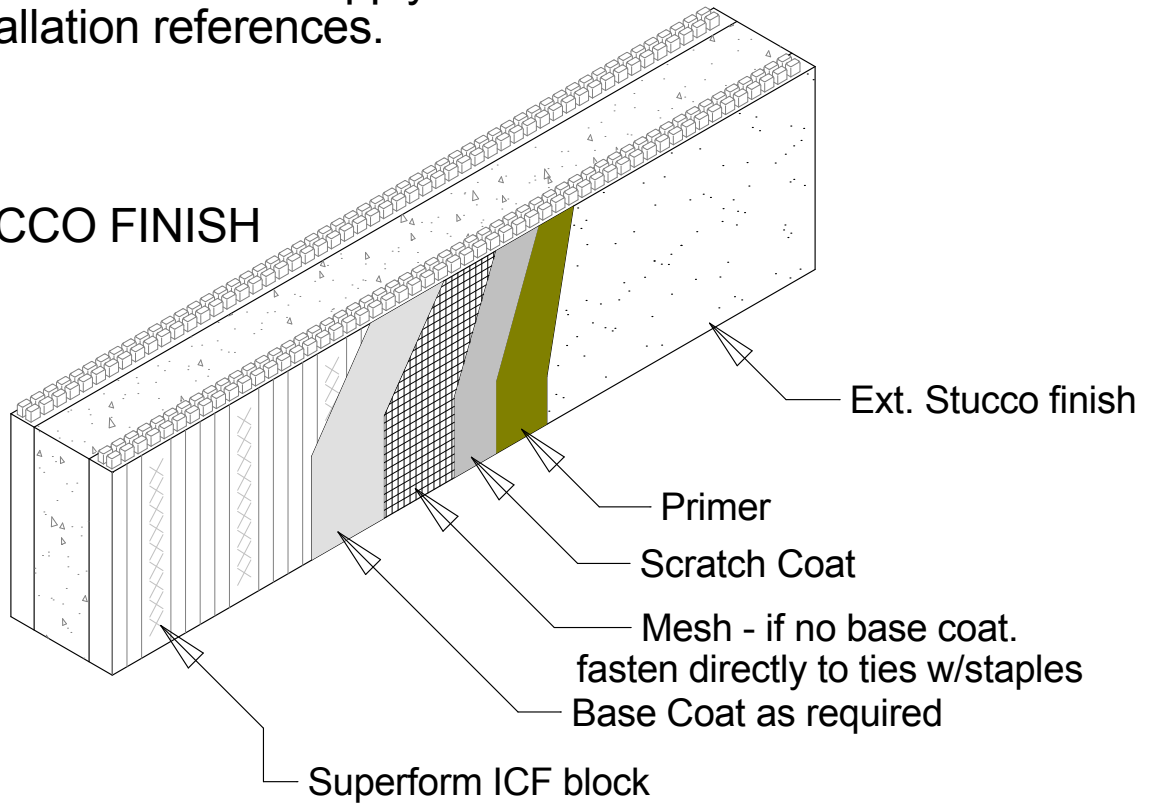
Drawn By: Laura Trent | Date: March 2018 | Pg No: 1 of 1 | DWG No: 5.4.2  
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### HORIZONTAL LAP SIDING - BLIND NAILED

Note: These details are a general guide only. Product manufacturer to supply complete installation references.

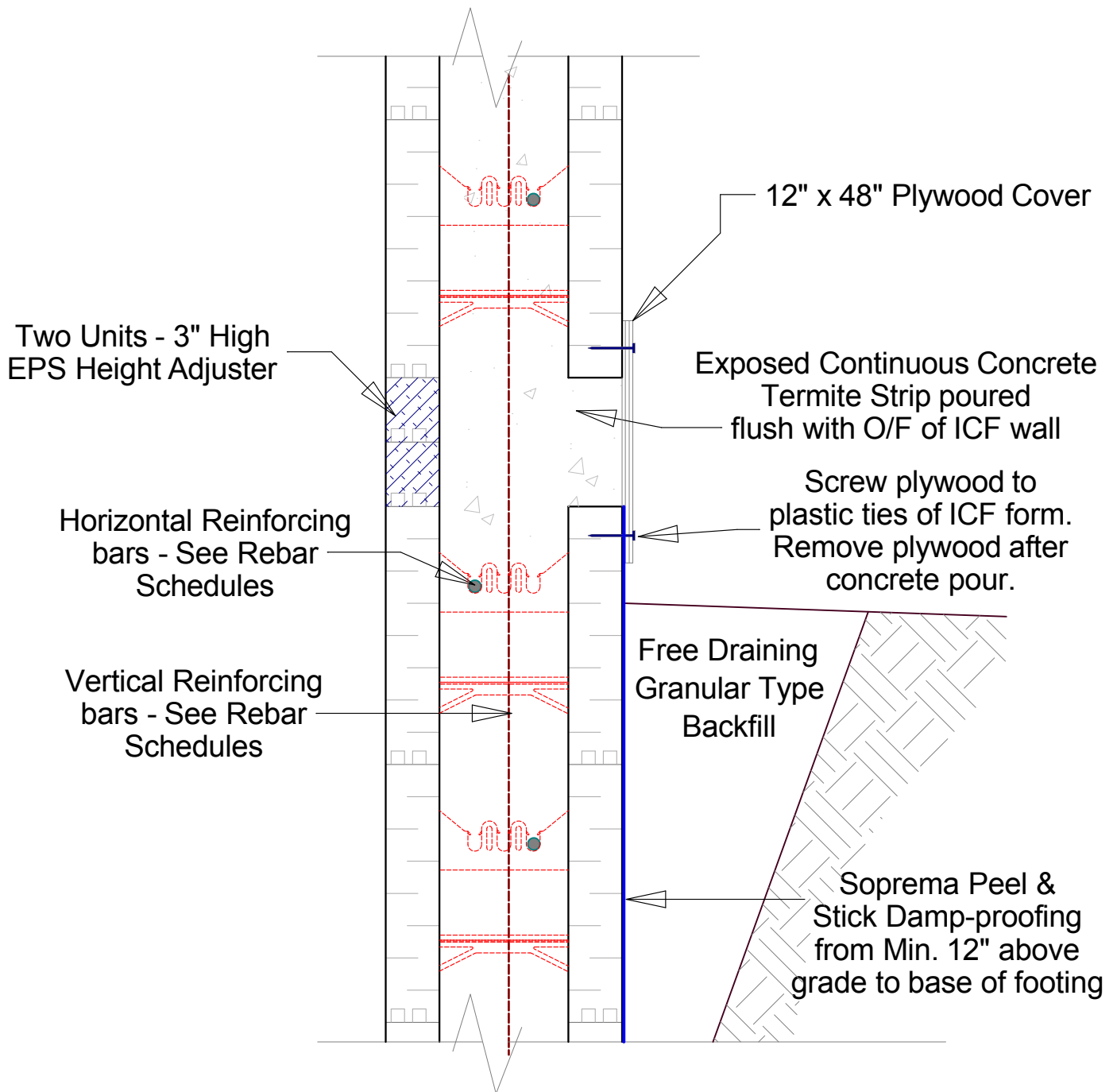
### EXTERIOR STUCCO FINISH



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 Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

### Exterior Finishing Stucco & Siding 6.0" Core

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### General Physical Barriers to Termite Infestation

- o Waterproofing and termite barrier system
- o Chemical soil treatment
- o Metal or plastic termite shields
- o Particle sized barrier
- o Wire Mesh

### Note:

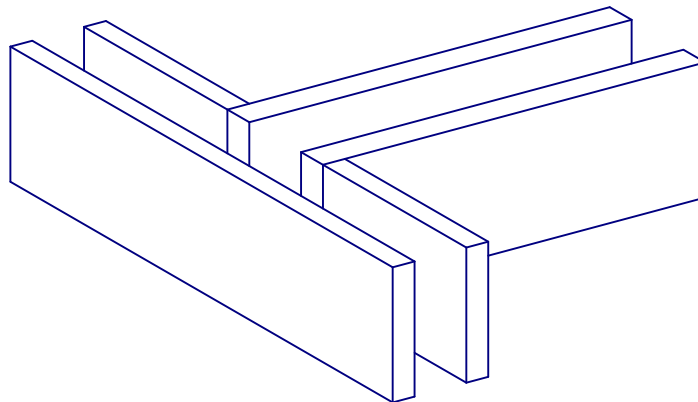
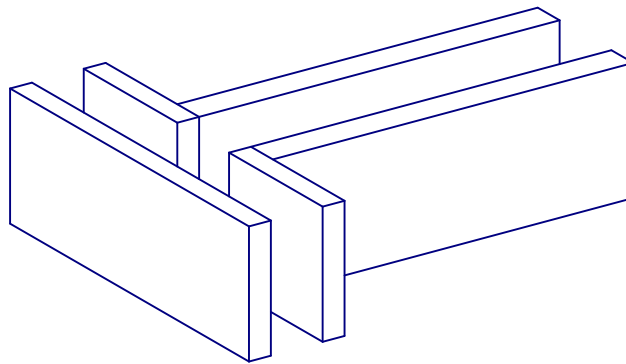
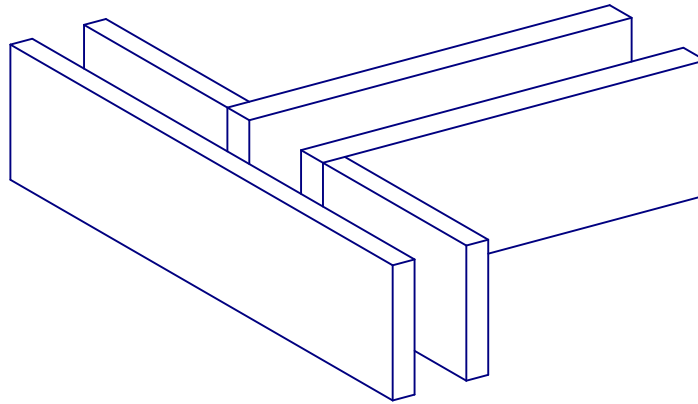
- treating the soil ahead of time is another method of avoiding termite related problems
- the use of 2-3" height adjusters will ensure there is a 6" gap exposing any termite presence in the wall
- refer to local building codes for applicable information on termite control in the local jurisdiction



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### Termite Barrier 6.0" Core

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## Alternate Cutting Of Units Every Course To Maintain Staggering Of Joints



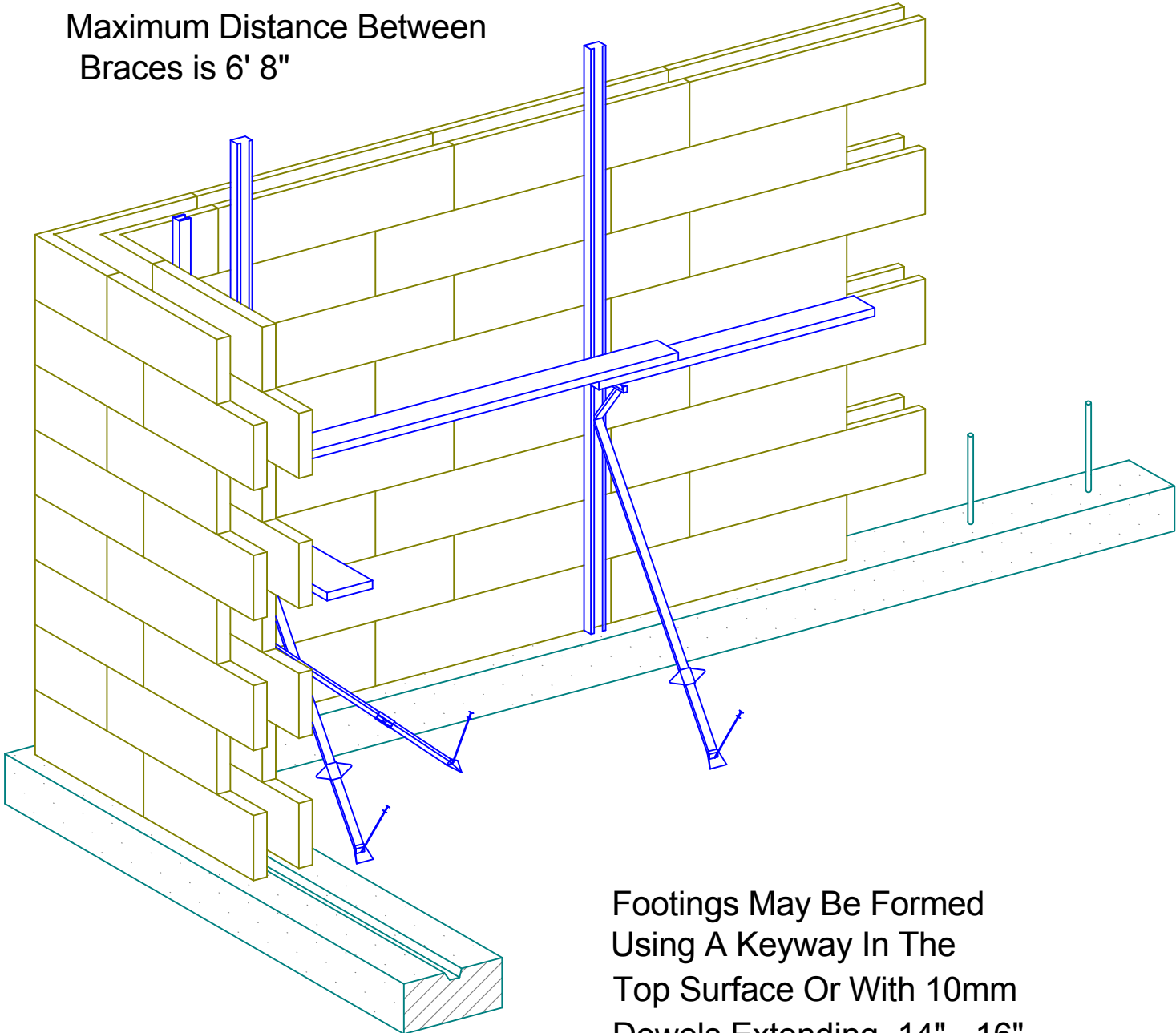
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**T-Wall Intersection Stacking Blocks 6.0" Core**

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# Bracing Doubles As Adjustable Scaffolding

Maximum Distance Between Braces is 6' 8"



Footings May Be Formed Using A Keyway In The Top Surface Or With 10mm Dowels Extending 14" - 16"

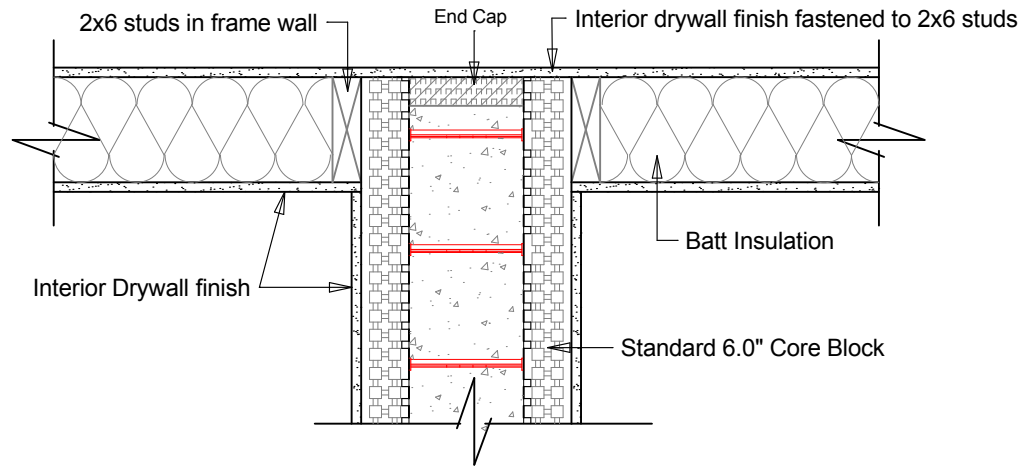
Alternating Right & Left Corner Blocks Provides An Offset and Ensures That Courses Interlock Properly



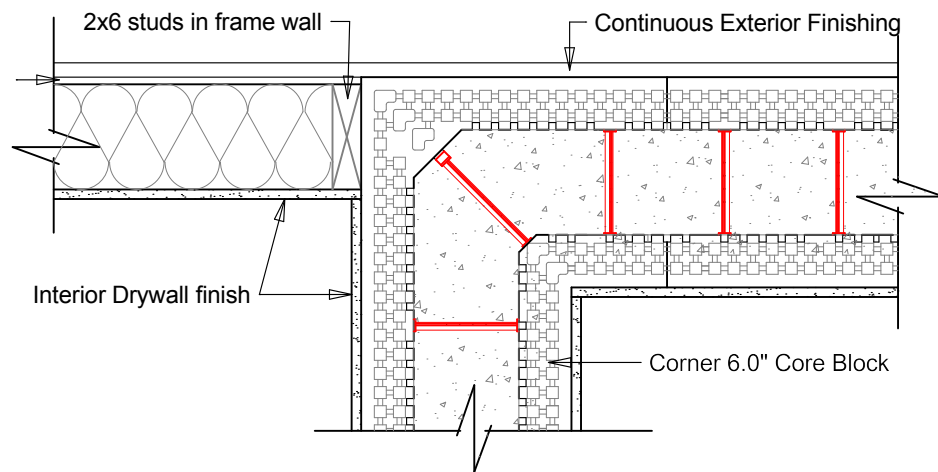
P 877.627.3555 E info@superformicf.ca superformicf.ca  
Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

## Wall Bracing System 6.0" Core

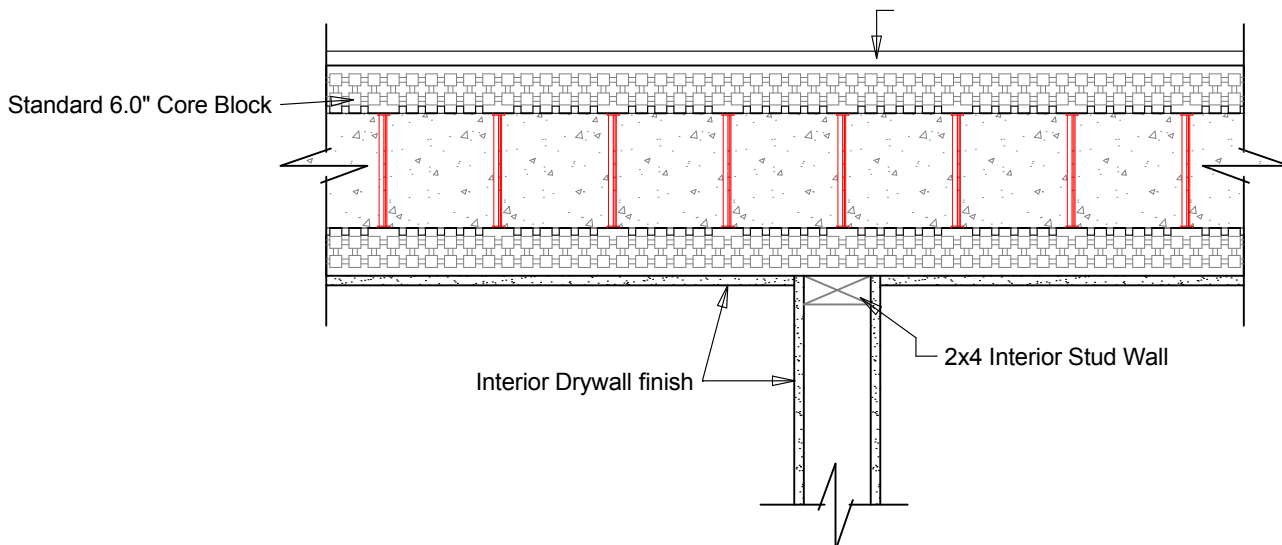
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INTERIOR ICF WALL TO INTERIOR STUD FRAMED WALLS



EXTERIOR ICF CORNER WALL TO EXTERIOR STUD FRAMED WALL



INTERIOR STUD FRAMED WALL TO EXTERIOR ICF STRAIGHT WALL



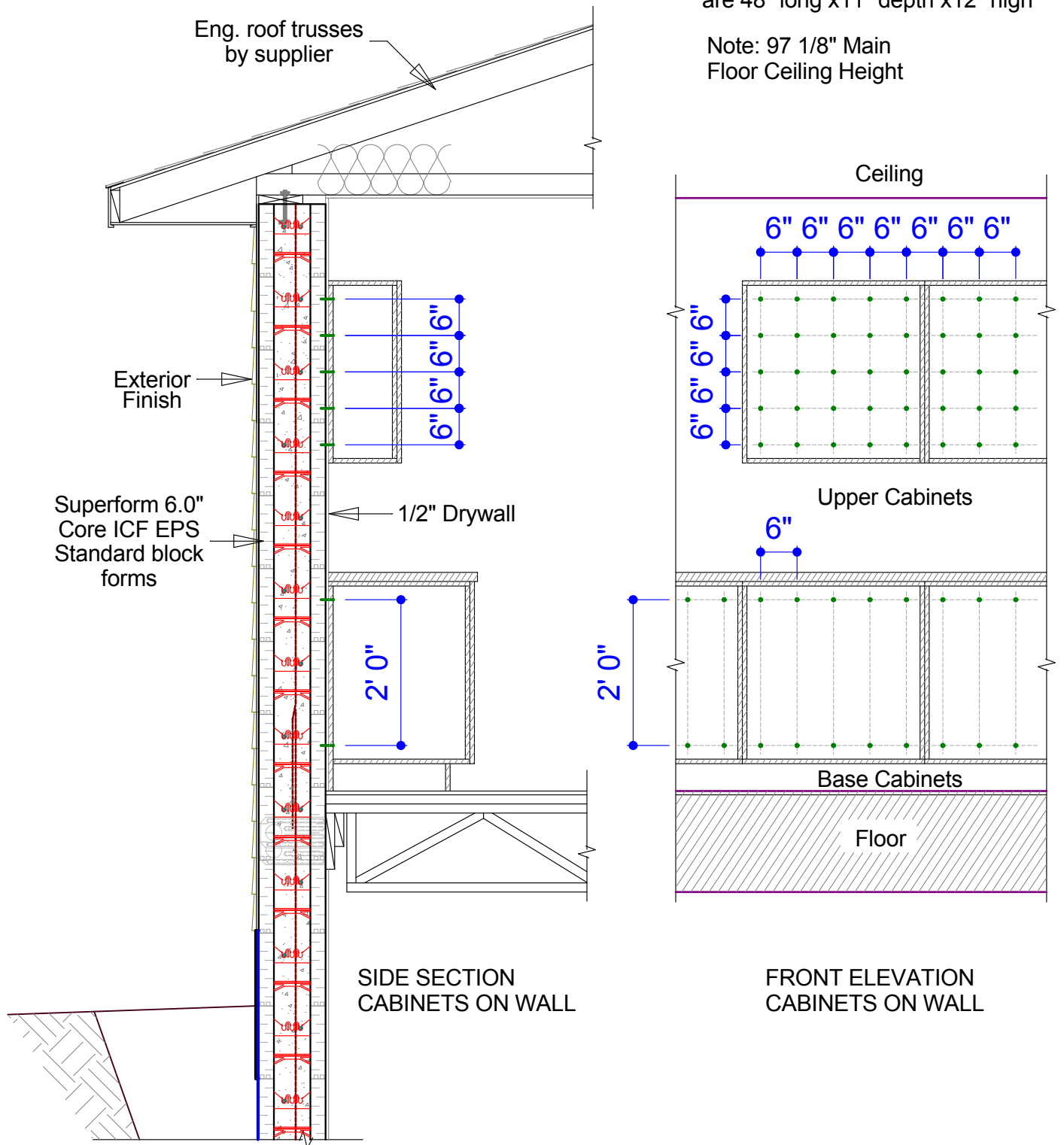
P 877.627.3555 E info@superformicf.ca superformicf.ca  
 Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

Wall Intersections Frame Walls to ICF 6.0" Core

Drawn By: Laura Trent | Date: March 2018 | Pg No: 1 of 1 | DWG No: 5.4.7  
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Note: Typical Block dimensions are 48" long x 11" depth x 12" high

Note: 97 1/8" Main Floor Ceiling Height



FASTEN DIRECTLY TO ICF TIES WITH 2" COARSE SCREWS @ 6" O.C. IN GRID AS SHOWN

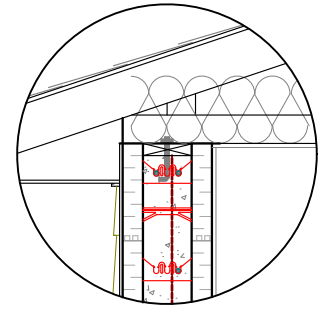
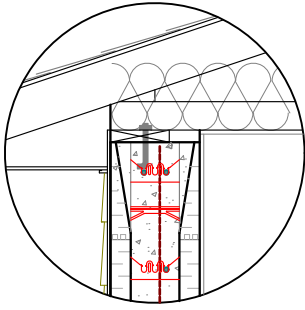


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Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

### Premanufactured Cabinets Fastening to ICF Wall 6.0" Core

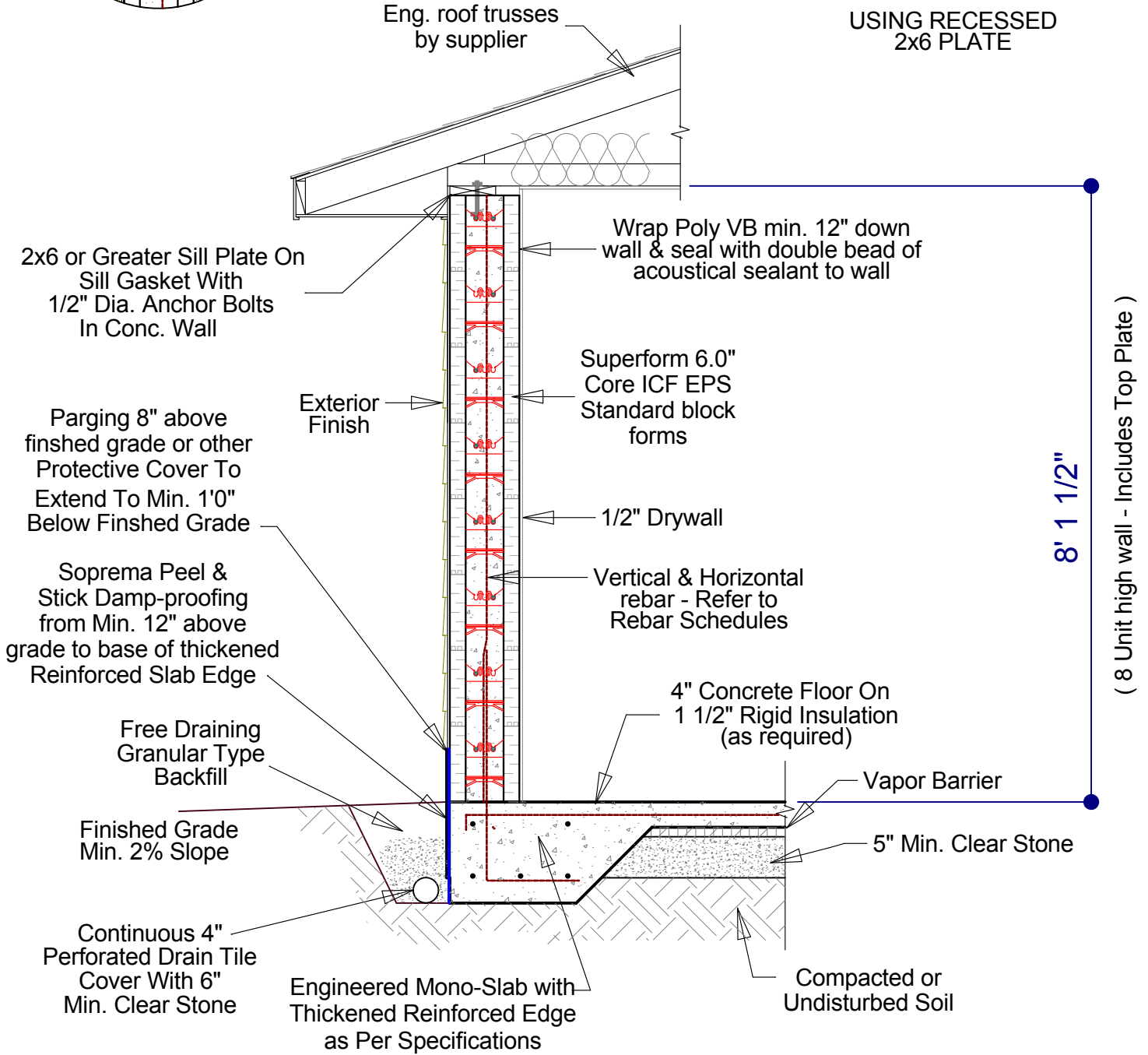
Drawn By: Laura Trent | Date: March 2018 | Pg No: 1 of 1 | DWG No: 5.4.8  
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USING TOP BLOCK



USING RECESSED 2x6 PLATE

Eng. roof trusses by supplier



Note: Typical Block dimensions are 48" long x 11" depth x 12" high



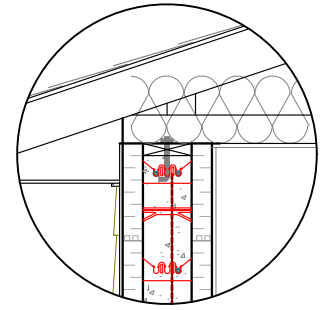
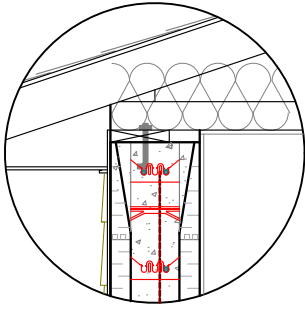
P 877.627.3555 E info@superformicf.ca superformicf.ca  
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**Residential Full Height Wall with 6.0" Core on Mono-Slab Foundation - 8 unit High Wall**

Drawn By: Laura Trent | Date: March 2018 | Pg No: 1 of 1 | DWG No: 6.1.1  
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USING TOP BLOCK



USING RECESSED  
2x6 PLATE

Eng. roof trusses  
by supplier

2x6 or Greater Sill Plate On  
Sill Gasket With  
1/2" Dia. Anchor Bolts  
In Conc. Wall

Wrap Poly VB min. 12" down  
wall & seal with double bead of  
acoustical sealant to wall

Exterior  
Finish

Superform 6.0"  
Core ICF EPS  
Standard block  
forms

1/2" Drywall

Parging 8" above  
finished grade or other  
Protective Cover To  
Extend To Min. 1'0"  
Below Finished Grade

Soprema Peel &  
Stick Damp-proofing  
from Min. 12" above  
grade to base of thickened  
Reinforced Slab Edge

Vertical & Horizontal  
rebar - Refer to  
Rebar Schedules

4" Concrete Floor On  
1 1/2" Rigid Insulation  
(as required)

Free Draining  
Granular Type  
Backfill

Vapor Barrier

Finished Grade  
Min. 2% Slope

5" Min. Clear Stone

Continuous 4"  
Perforated Drain Tile  
Cover With 6"  
Min. Clear Stone

Engineered Mono-Slab with  
Thickened Reinforced Edge  
as Per Specifications

Compacted or  
Undisturbed Soil

9' 1 1/2"

( 9 Unit high wall - Includes Top Plate )

Note: Typical Block dimensions  
are 48" long x11" depth x12" high

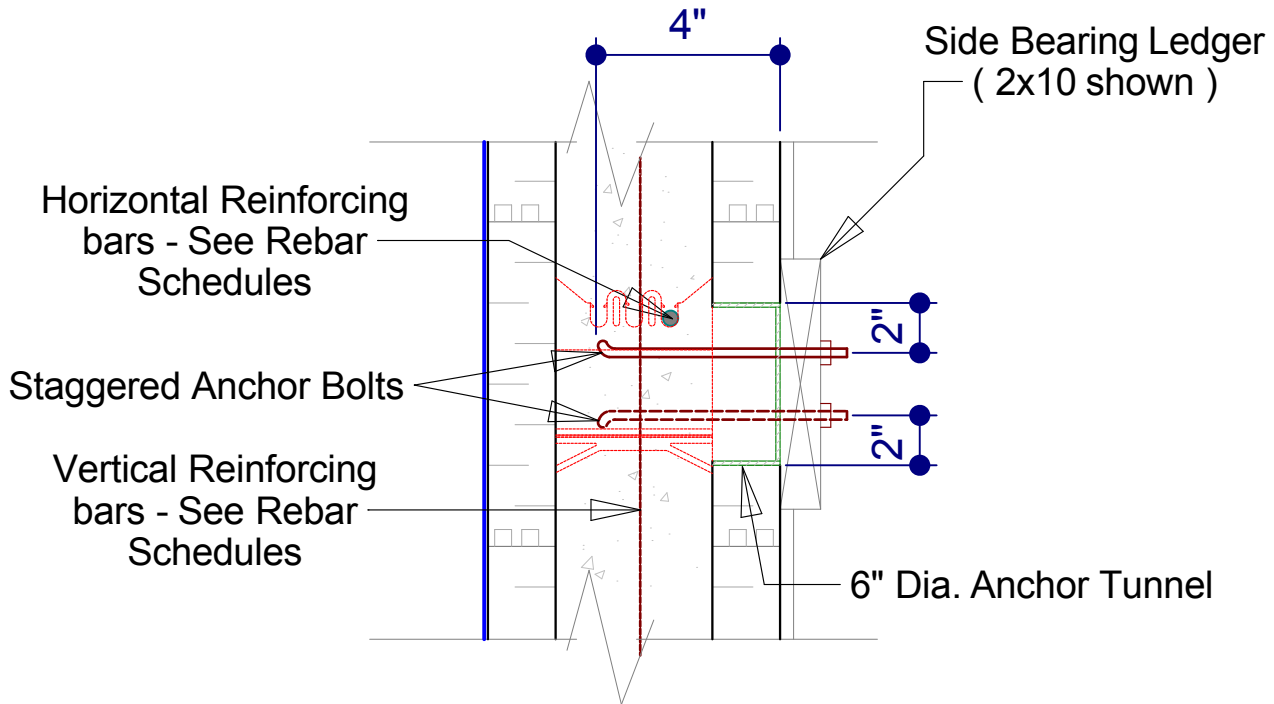


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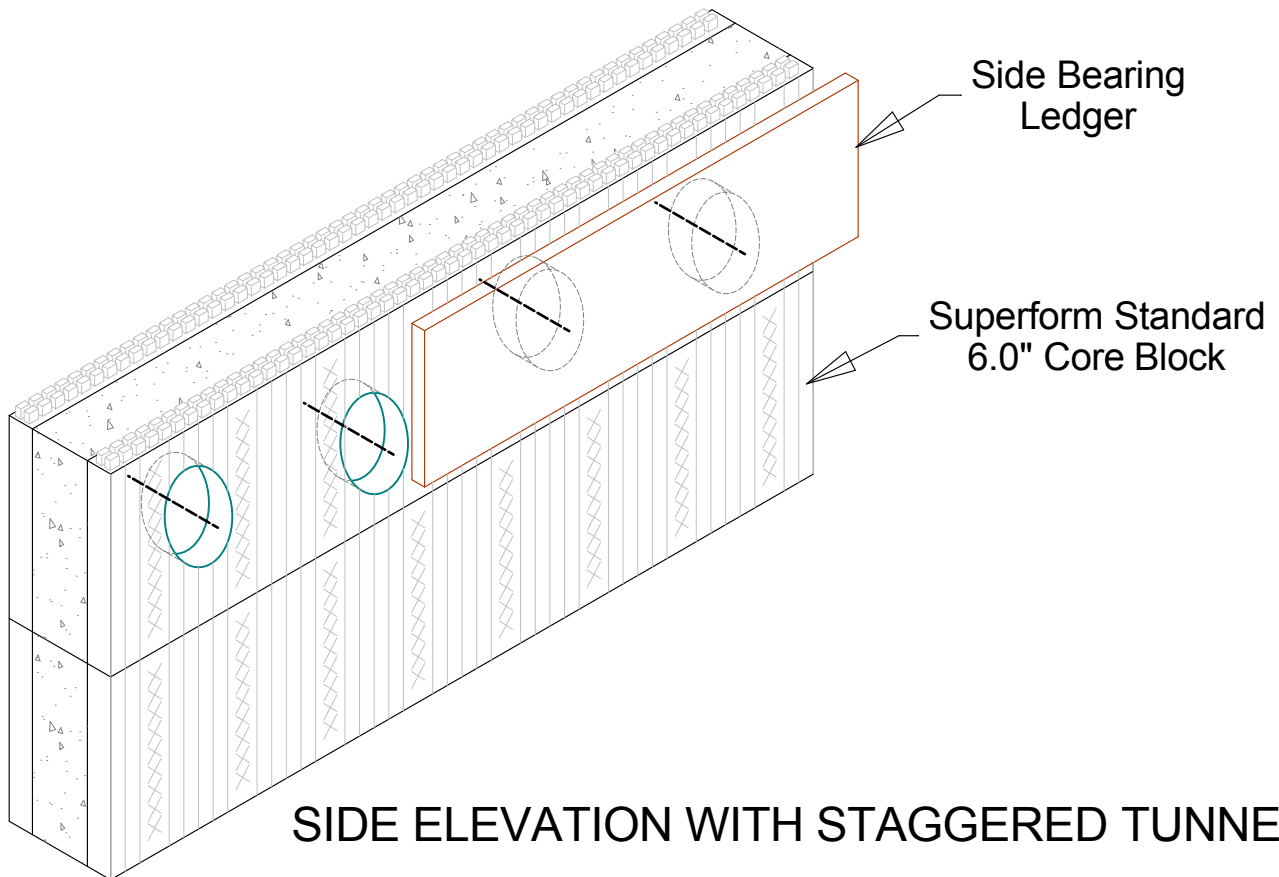
**Residential Full Height Wall with 6.0" Core  
on Mono-Slab Foundation - 9 unit High Wall**

Drawn By: Laura Trent | Date: March 2018 | Pg No: 1 of 1 | DWG No: 6.1.2  
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4" ( 102mm) Minimum  
Embedding of Anchor Bolts



**TUNNEL SECTION IN ICF WALL**



**SIDE ELEVATION WITH STAGGERED TUNNELS**

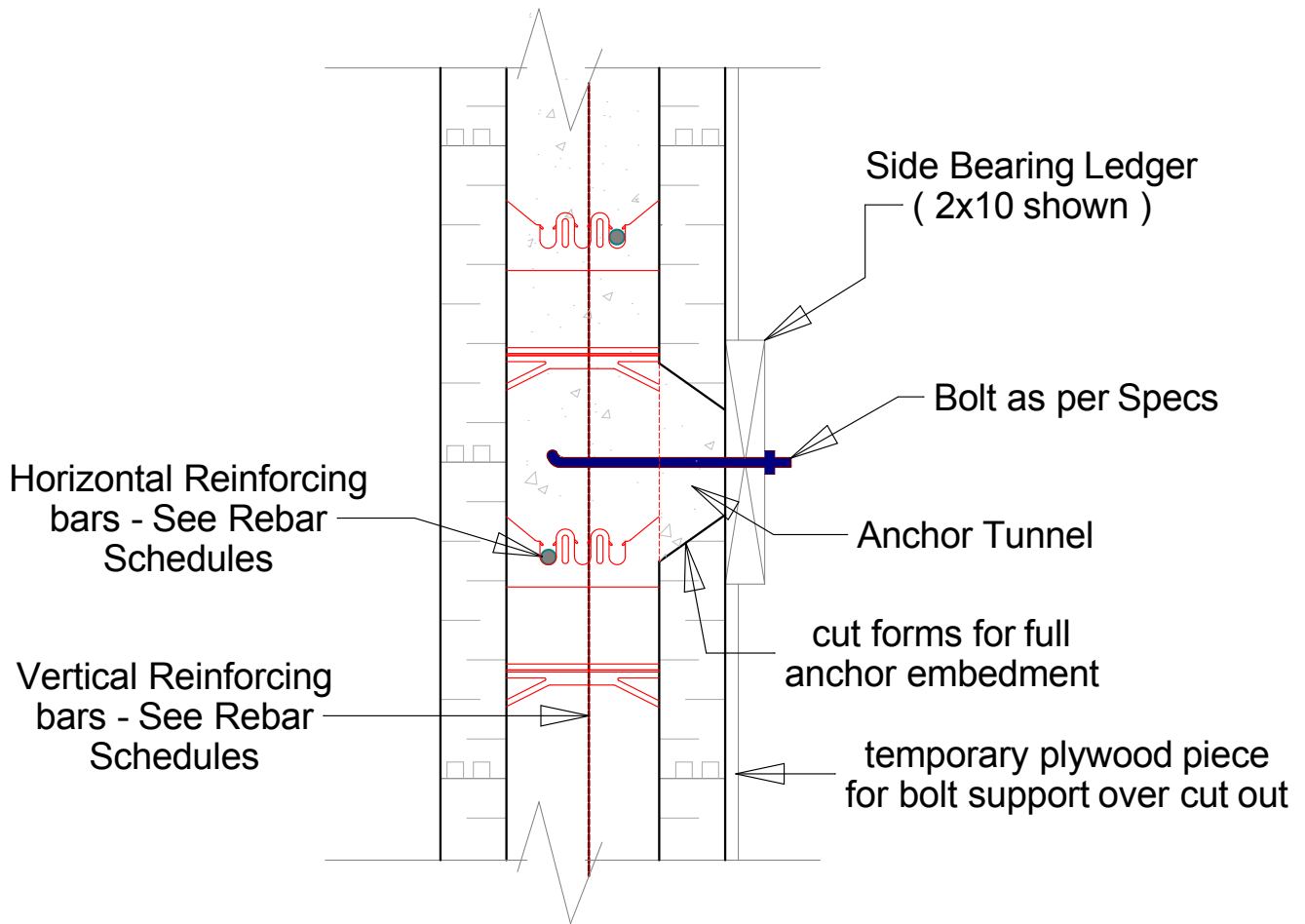


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Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

**Bolted Wood Ledger with Anchor Tunnels  
6.0" Core**

Drawn By: Laura Trent | Date: March 2018 | Pg No: 1 of 1 | DWG No: 7.1.1  
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4" ( 102mm) Minimum  
Embedding of Anchor Bolts



TUNNEL SECTION IN ICF WALL  
FOR DECK LEDGER ATTACHMENT

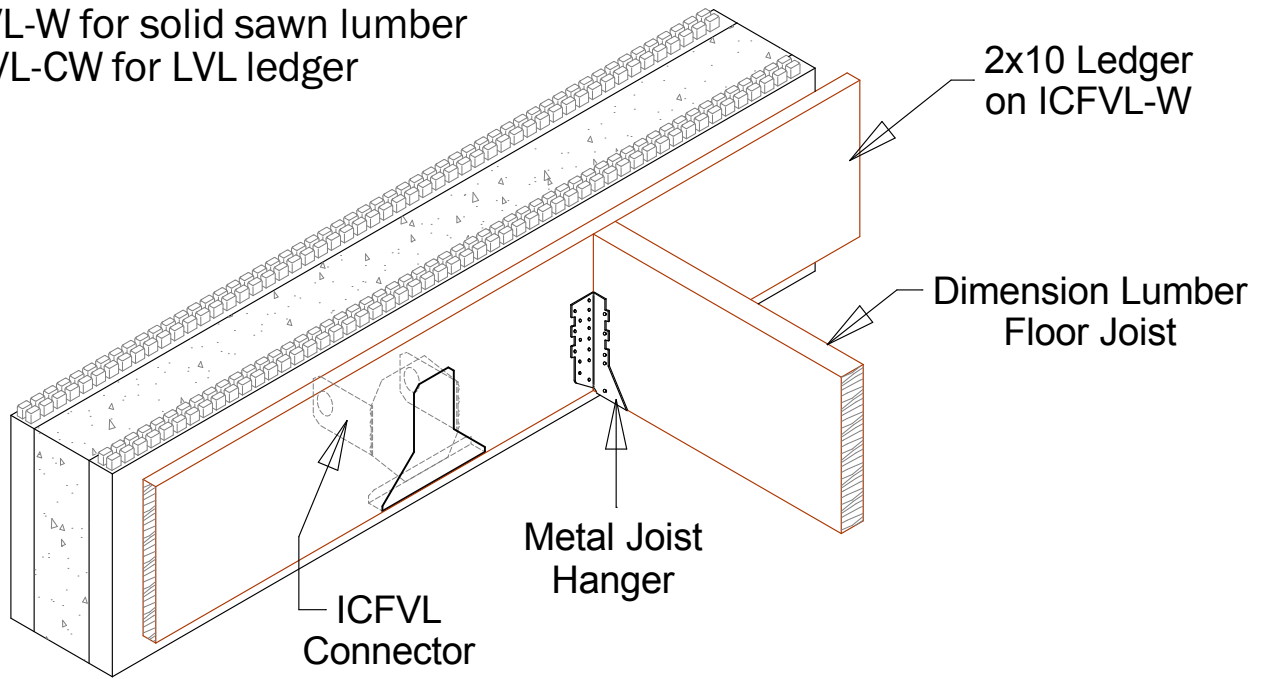


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Box 2696, 1065 Willow Street, Pincher Creek, AB T0K 1W0

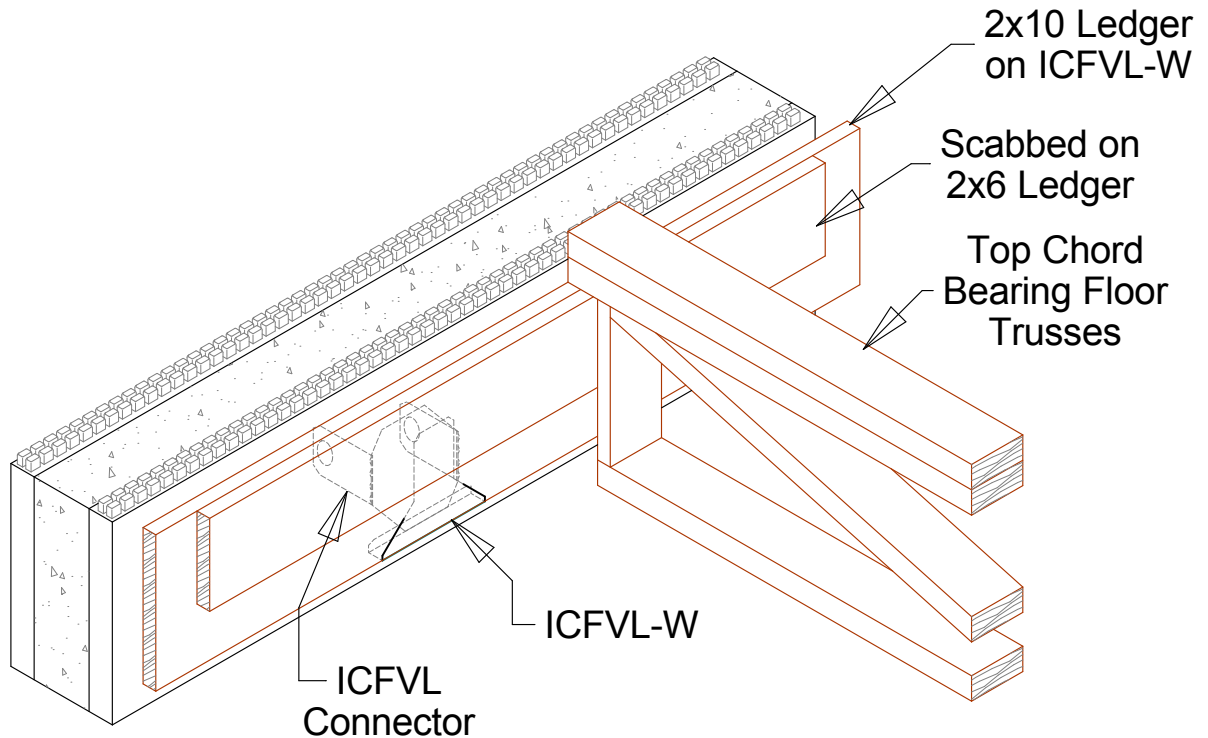
Anchor Tunnel for Deck Attachment  
6.0" Core

Drawn By: Laura Trent | Date: March 2018 | Pg No: 1 of 1 | DWG No: 7.1.2  
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Note : ICFVL-W for solid sawn lumber  
or ICFVL-CW for LVL ledger



### SOLID SAWN FLOOR JOIST ON HANGERS & SINGLE SAWN LEDGER



### TOP CHORD BEARING FLOOR TRUSSES ON DOUBLE SAWN LEDGER

More Connector Information provided at [www.strongtie.com](http://www.strongtie.com)

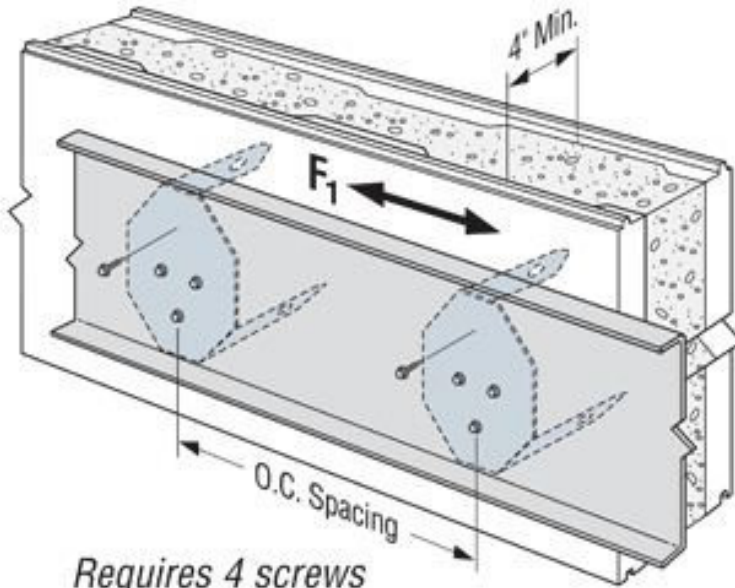


P 877.627.3555 E [info@superformicf.ca](mailto:info@superformicf.ca) [superformicf.ca](http://superformicf.ca)  
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**Wood Ledger Connections using Simpson Strongtie ICFVL on ICF Wall Surface 6.0" Core**

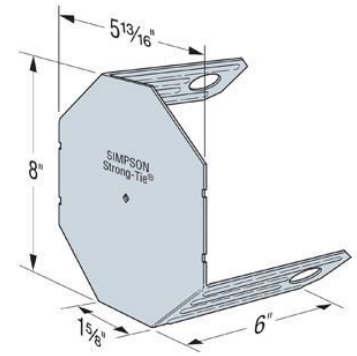
Drawn By: Laura Trent | Date: March 2018 | Pg No: 1 of 1 | DWG No: 72.1  
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Typical Steel Ledger Installation with ICFVL (min. 16 ga steel ledger)

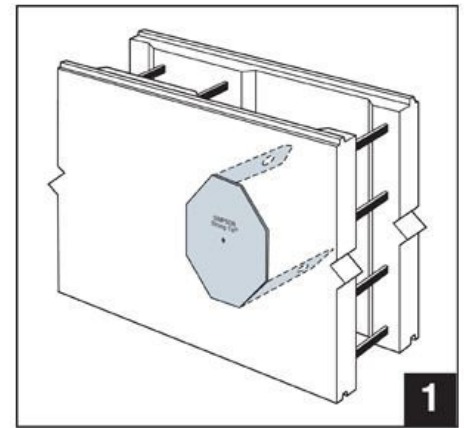


Requires 4 screws  
at each location.  
Table provides on  
center spacing.

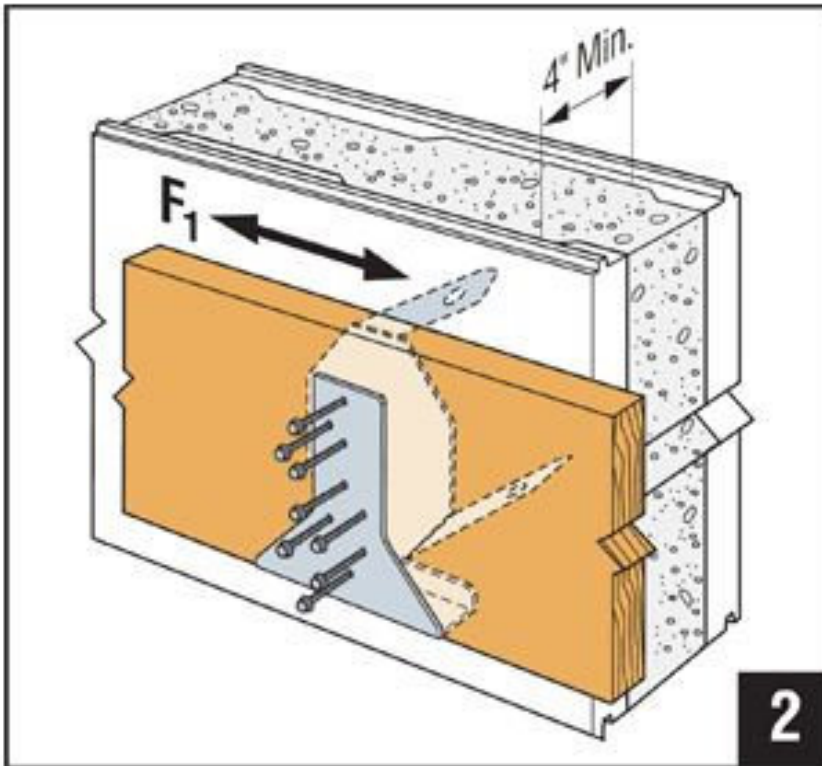
See Tables provided at [www.strongtie.com](http://www.strongtie.com)



ICFVL  
Patent Pending

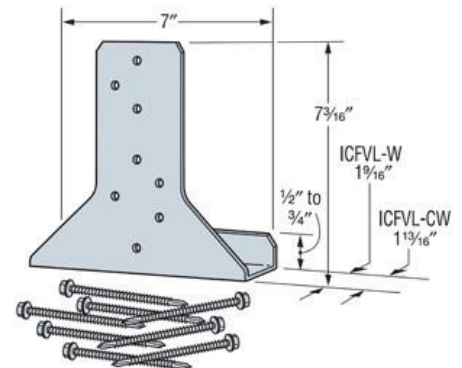


1



2

Typical Wood Ledger Installation with  
ICFVL and ICFVL-W



ICFVL-W and  
ICFVL-CW



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Steel & Wood Ledger Connections using Simpson Strongtie ICFVL on ICF Wall Surface 6.0" Core

Drawn By: Laura Trent | Date: March 2018 | Pg No: 1 of 1 | DWG No: 722  
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