

St. Lukes Church Parish House Addition SHOP DRAWINGS

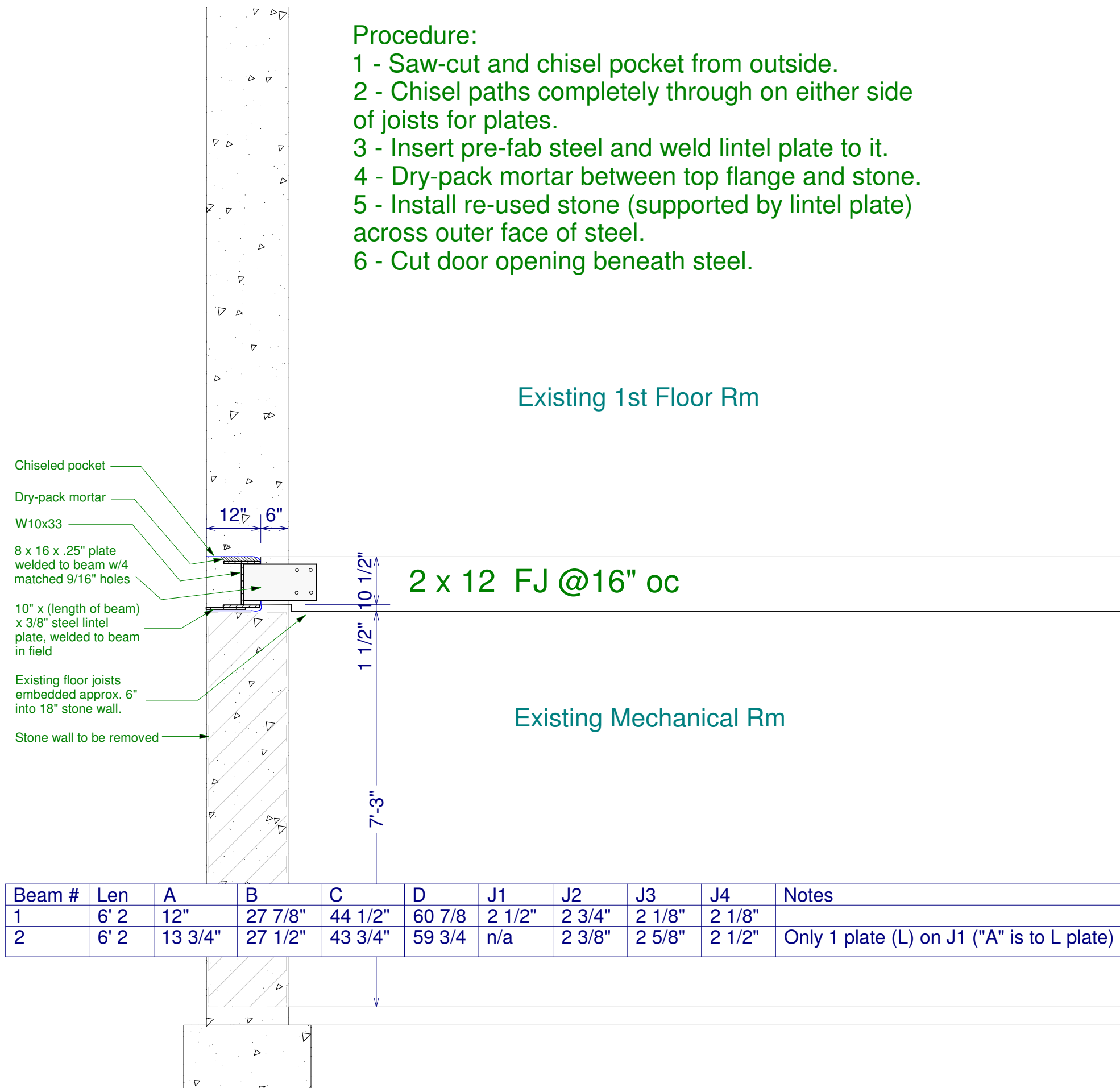
Table of contents

Sheet	Title
2	Headers at Door Cutouts
3	Foundation Window Forms
4	Foundation Openings
5	East Columns and Framing
6	East Column Sections
7	East Column Connections
8	Upper Doorway Steel
9	Framing Details
10	Truss Column Details
11	Landing Steel Details
12	Stair Sections
13	Truss Section
14	Truss Details
15	Roof Framing Details
16	Deck Framing
17	Elevator Shaft
18	East Deck Details
19	East Deck Stairs
20	East Deck Steps

St. Lukes Church 18 James Lane, EH, NY Parish House Addition	Revisions/Additions 10/15/07: wndw forms 1/4/08: column dtls 3/24/08: roof details 3/24/08: truss details 4/16/08: elevator 4/17/08: framing dtls 4/30/08: truss col dtls 5/15/08: deck details 5/22/08: stair/landing	<small>Copyright (c) 2008. All rights reserved.</small> David A. Webb, Inc. Design, Drafting, Engineering, General Contracting 516 - 982 - 8502									
	<table border="1"> <thead> <tr> <th>Date</th> <th>Drawn by</th> <th>Scale</th> <th>Sheet</th> </tr> </thead> <tbody> <tr> <td>9/21/07</td> <td>DW</td> <td>(as specified)</td> <td>1</td> </tr> </tbody> </table>	Date	Drawn by	Scale	Sheet	9/21/07	DW	(as specified)	1		
Date	Drawn by	Scale	Sheet								
9/21/07	DW	(as specified)	1								

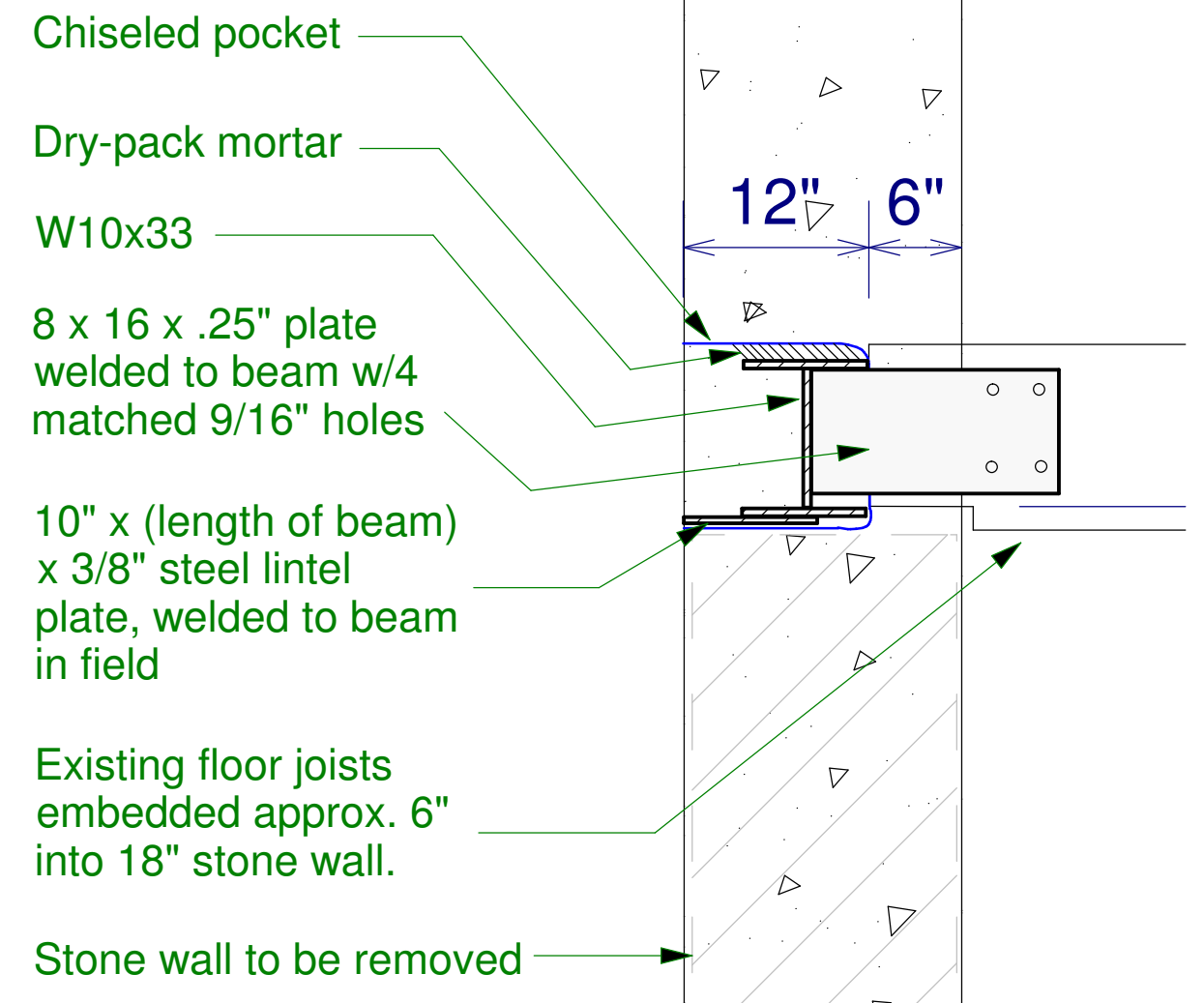
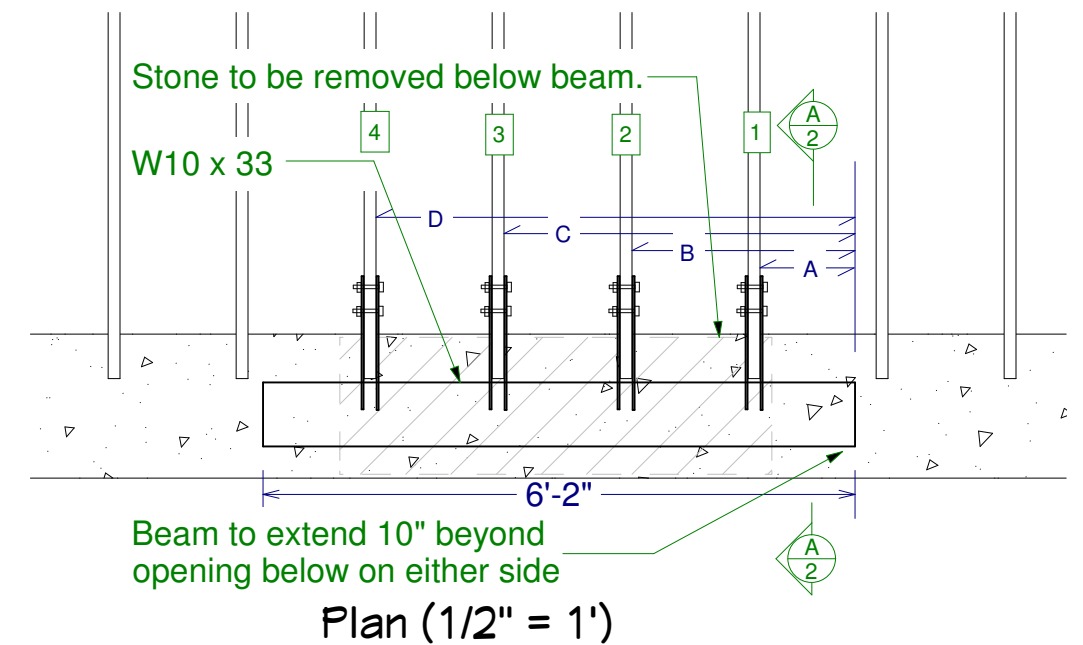
Procedure:

- 1 - Saw-cut and chisel pocket from outside.
- 2 - Chisel paths completely through on either side of joists for plates.
- 3 - Insert pre-fab steel and weld lintel plate to it.
- 4 - Dry-pack mortar between top flange and stone.
- 5 - Install re-used stone (supported by lintel plate) across outer face of steel.
- 6 - Cut door opening beneath steel.



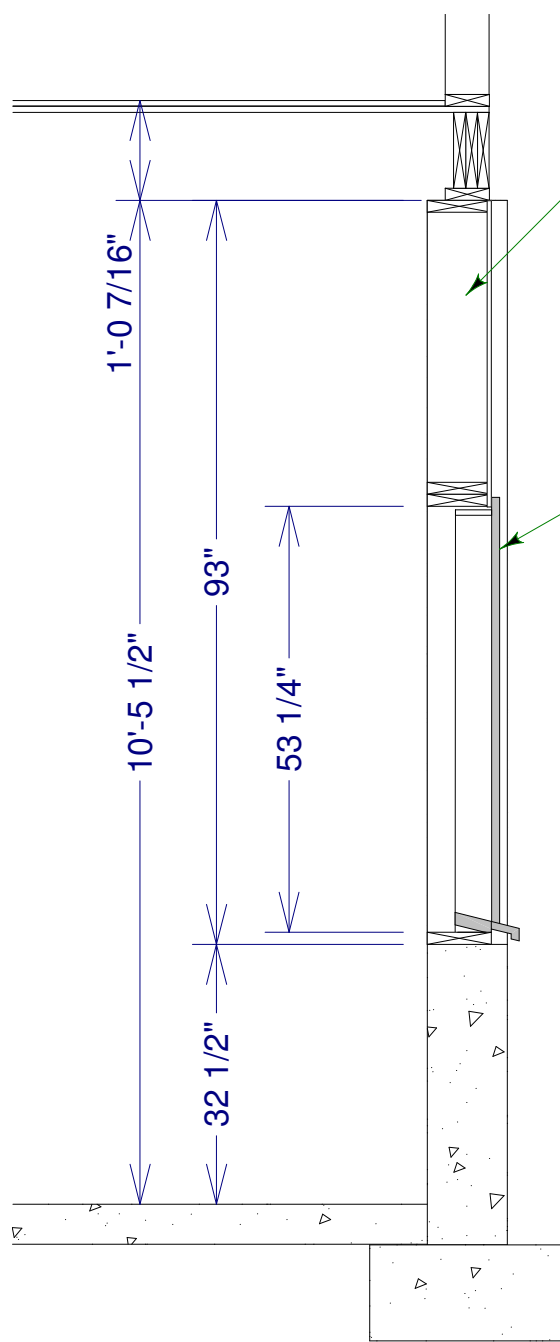
Beam #	Len	A	B	C	D	J1	J2	J3	J4	Notes
1	6' 2"	12"	27 7/8"	44 1/2"	60 7/8"	2 1/2"	2 3/4"	2 1/8"	2 1/8"	
2	6' 2"	13 3/4"	27 1/2"	43 3/4"	59 3/4"	n/a	2 3/8"	2 5/8"	2 1/2"	Only 1 plate (L) on J1 ("A" is to L plate)

Section A (1/2" = 1')

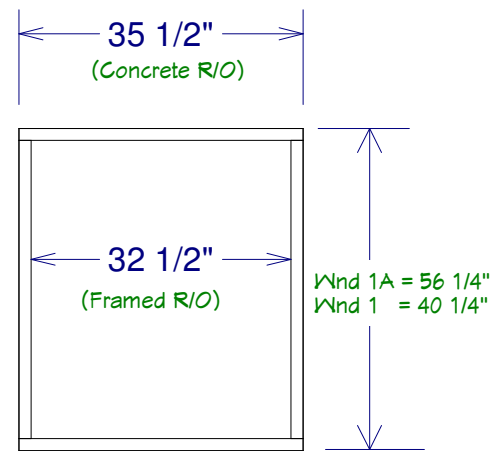


Section A Detail (1" = 1')

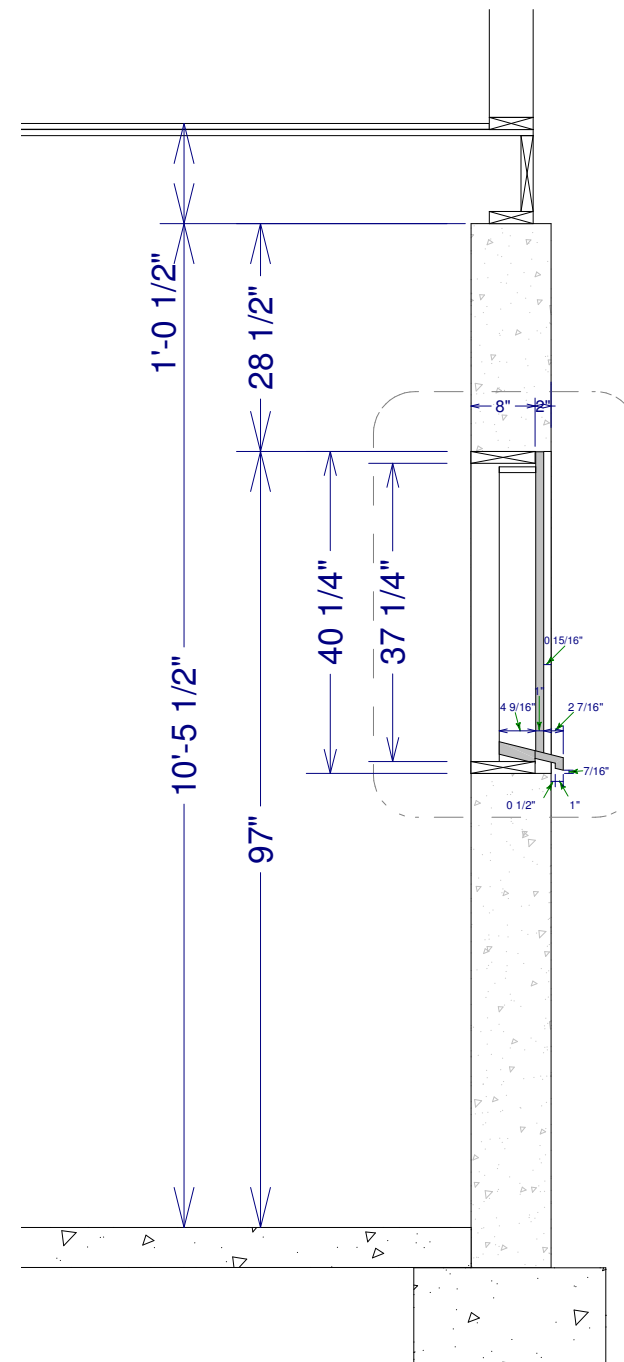
St. Lukes Church 18 James Lane, EH, NY Parish House Addition	Revisions/Additions 10/15/07: wndw forms 1/4/08: column dtls 3/24/08: roof details 3/24/08: truss details 4/16/08: elevator 4/17/08: framing dtls 4/30/08: truss col dtls 5/15/08: deck details 5/22/08: stair/landing	Copyright (c) 2008. All rights reserved. David A. Webb, Inc. Design, Drafting, Engineering, General Contracting 516 - 982 - 8502		
	Date 9/21/07	Drawn by DW	Scale (as specified)	Sheet 2



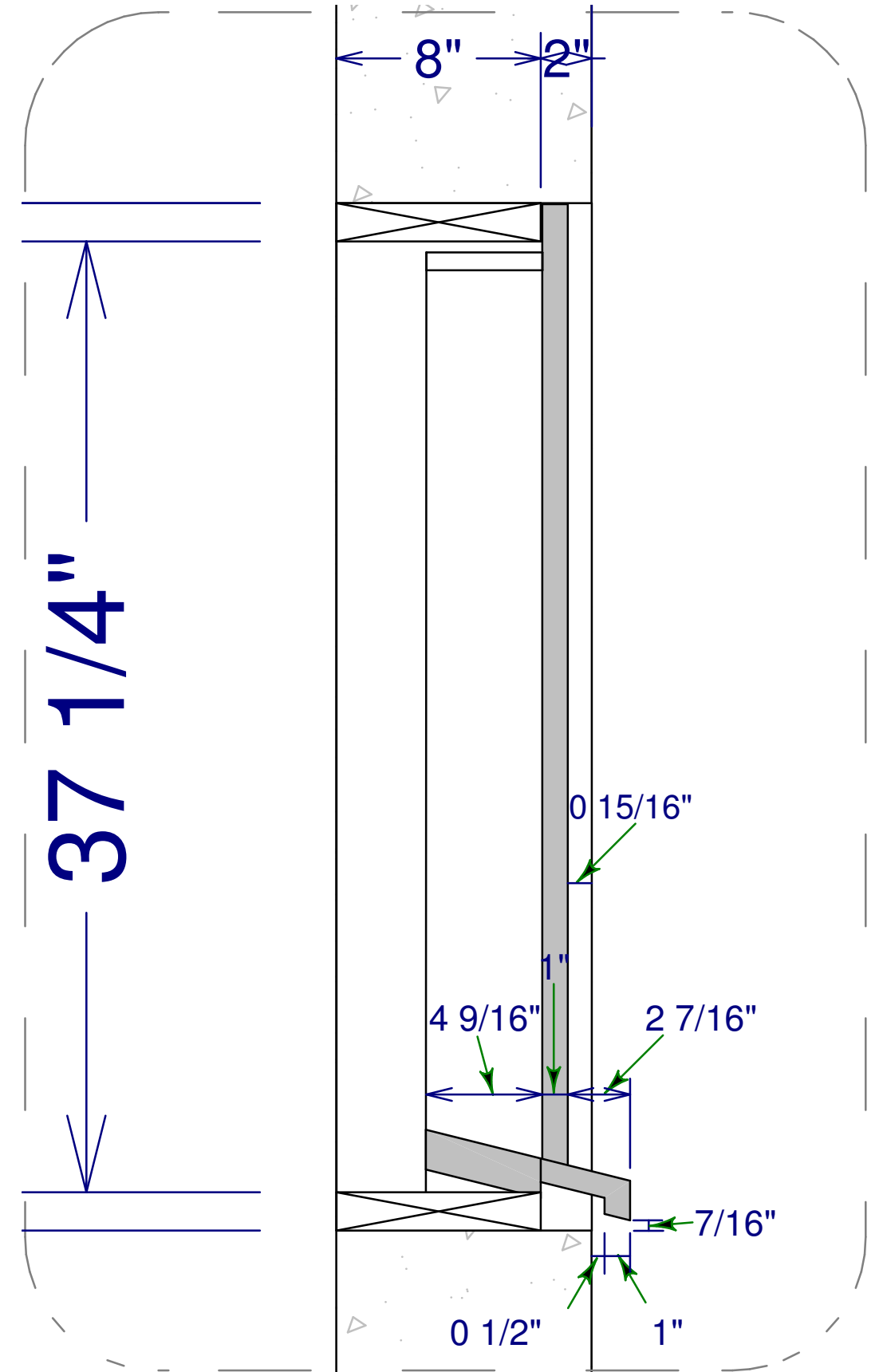
Section at Window 1A
1/2" = 1'



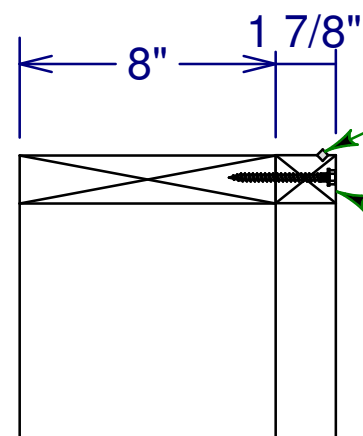
Elev at Windows
1/2" = 1'



Section at Window 1
1/2" = 1'



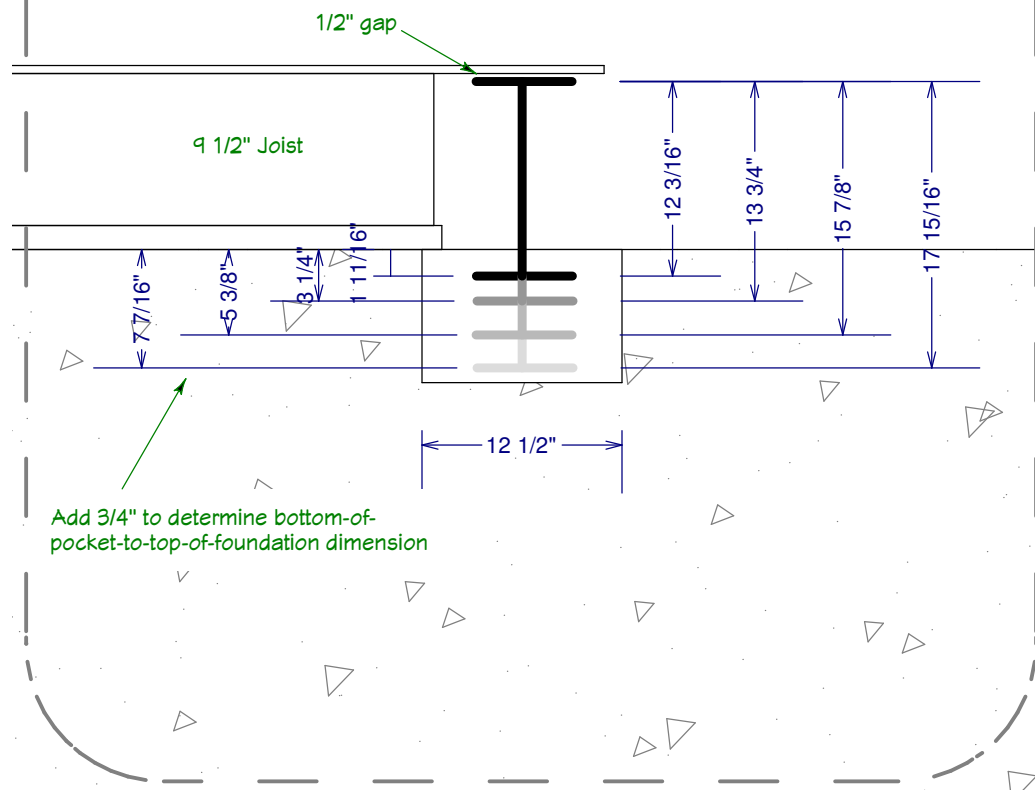
Window 1 Detail 2" = 1'



Foundation Form Detail 2" = 1'

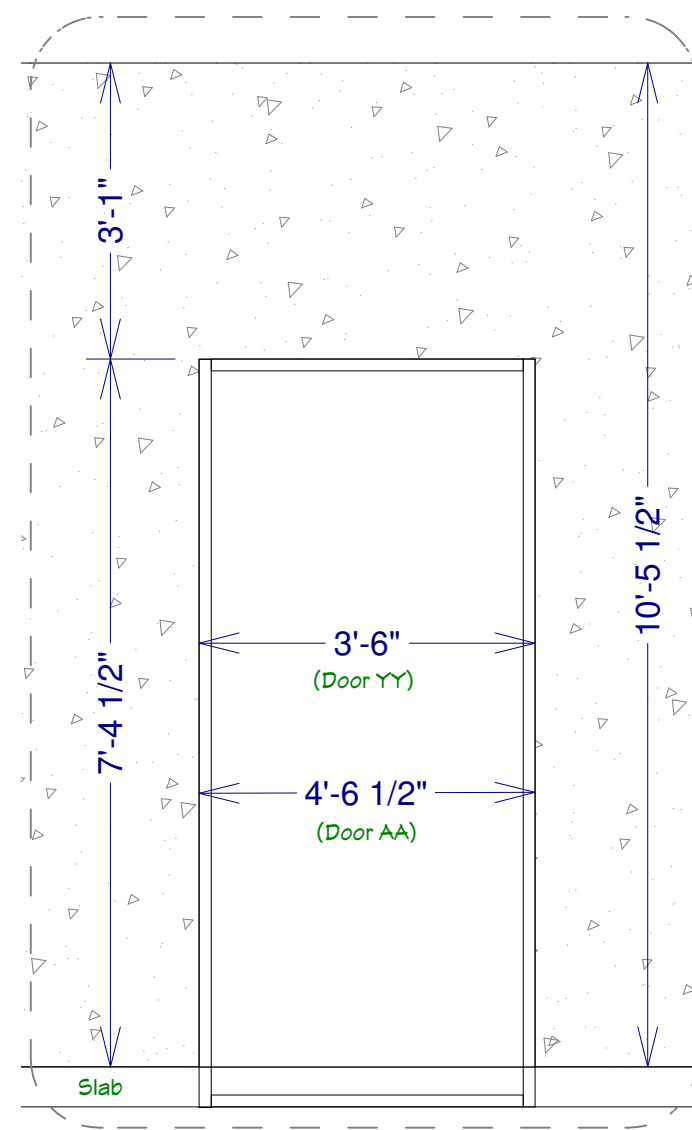
St. Lukes Church 18 James Lane, EH, NY Parish House Addition	Revisions/Additions 10/15/07: wndw forms 1/4/08: column dtls 3/24/08: roof details 3/24/08: truss details 4/16/08: elevator 4/17/08: framing dtls 4/30/08: truss col dtls 5/15/08: deck details 5/22/08: stair/landing	Copyright (c) 2008. All rights reserved. David A. Webb, Inc. Design, Drafting, Engineering, General Contracting 516 - 982 - 8502	
	Foundation Window Forms	Date 9/21/07	Drawn by DW
			Sheet 3

No.	Beam	Height	Pockets
1	W12x19	12.16	1
2	W14x22	13.72	4
3	W16x31	15.84	5
4	W18x40	17.90	2

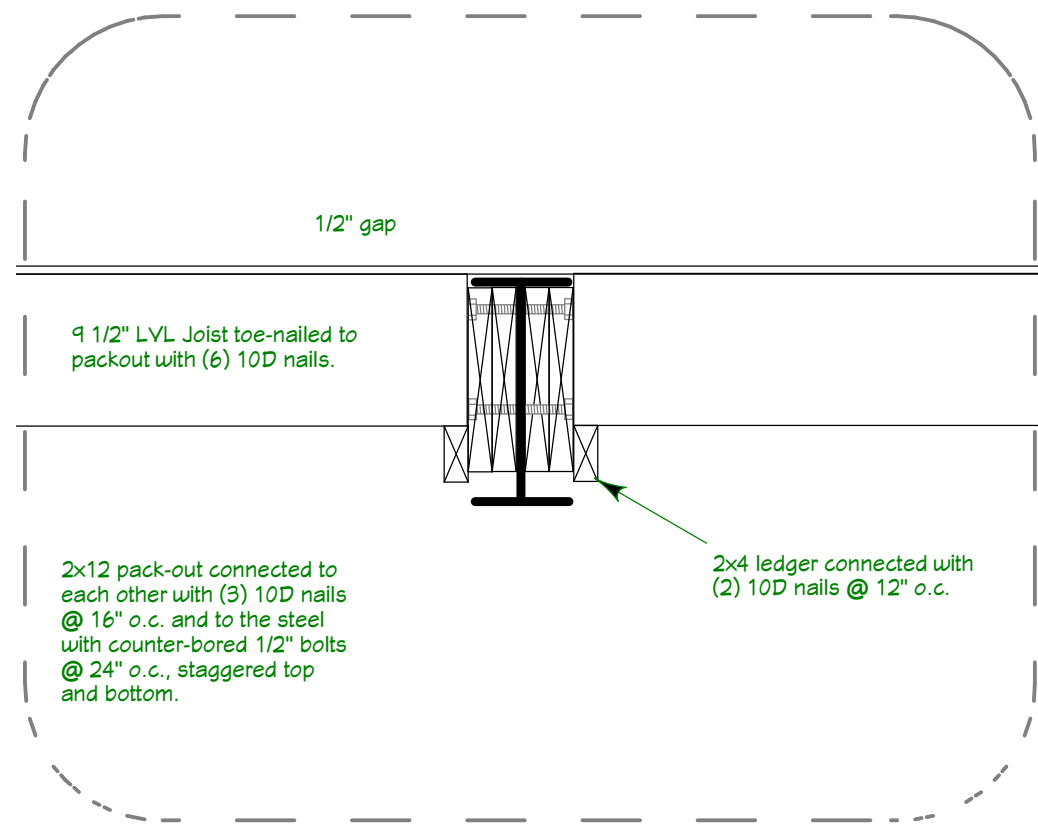


Add 3/4" to determine bottom-of-pocket-to-top-of-foundation dimension

Beam Pockets (1" = 1')

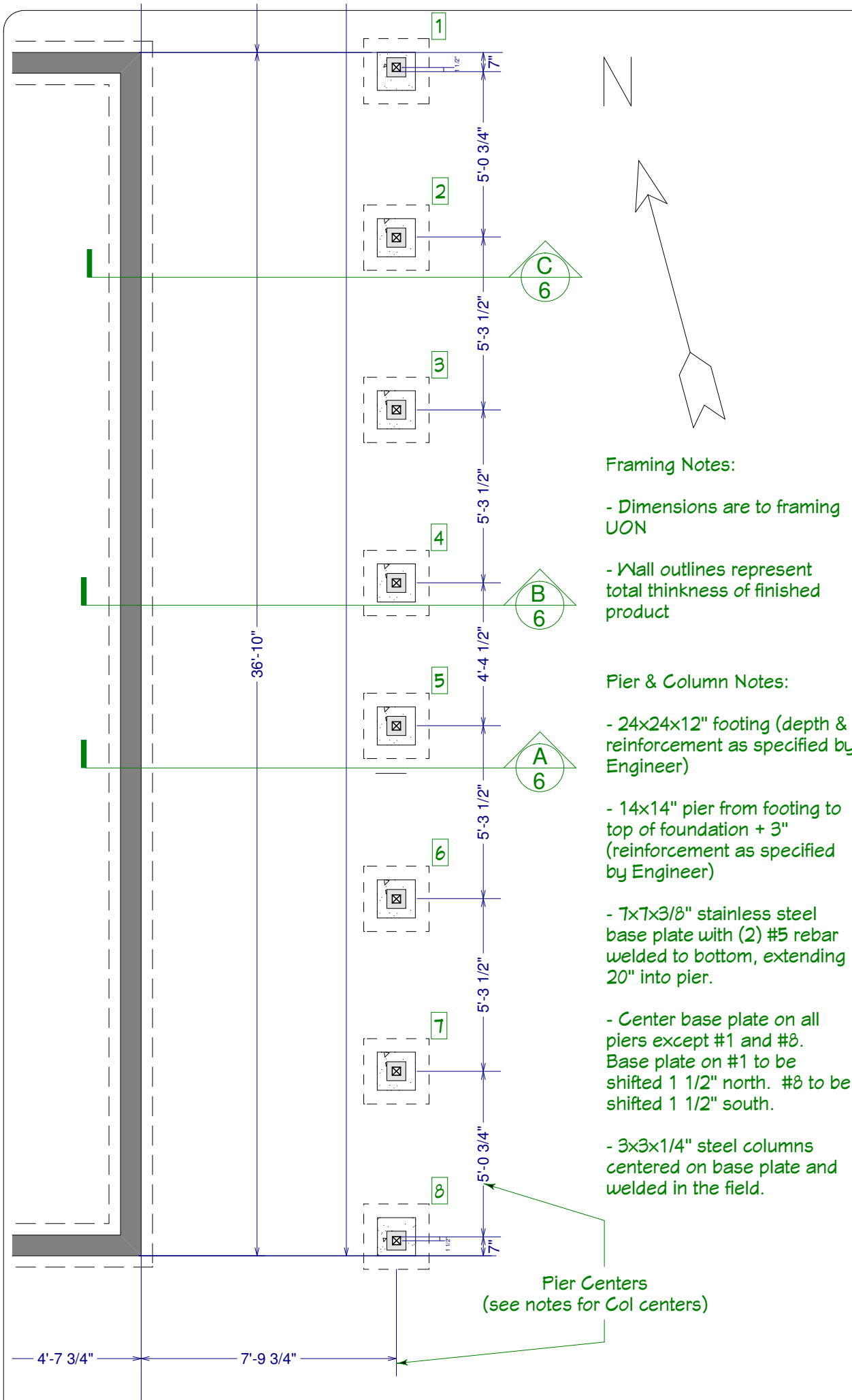


Door Forms (1/2" = 1')



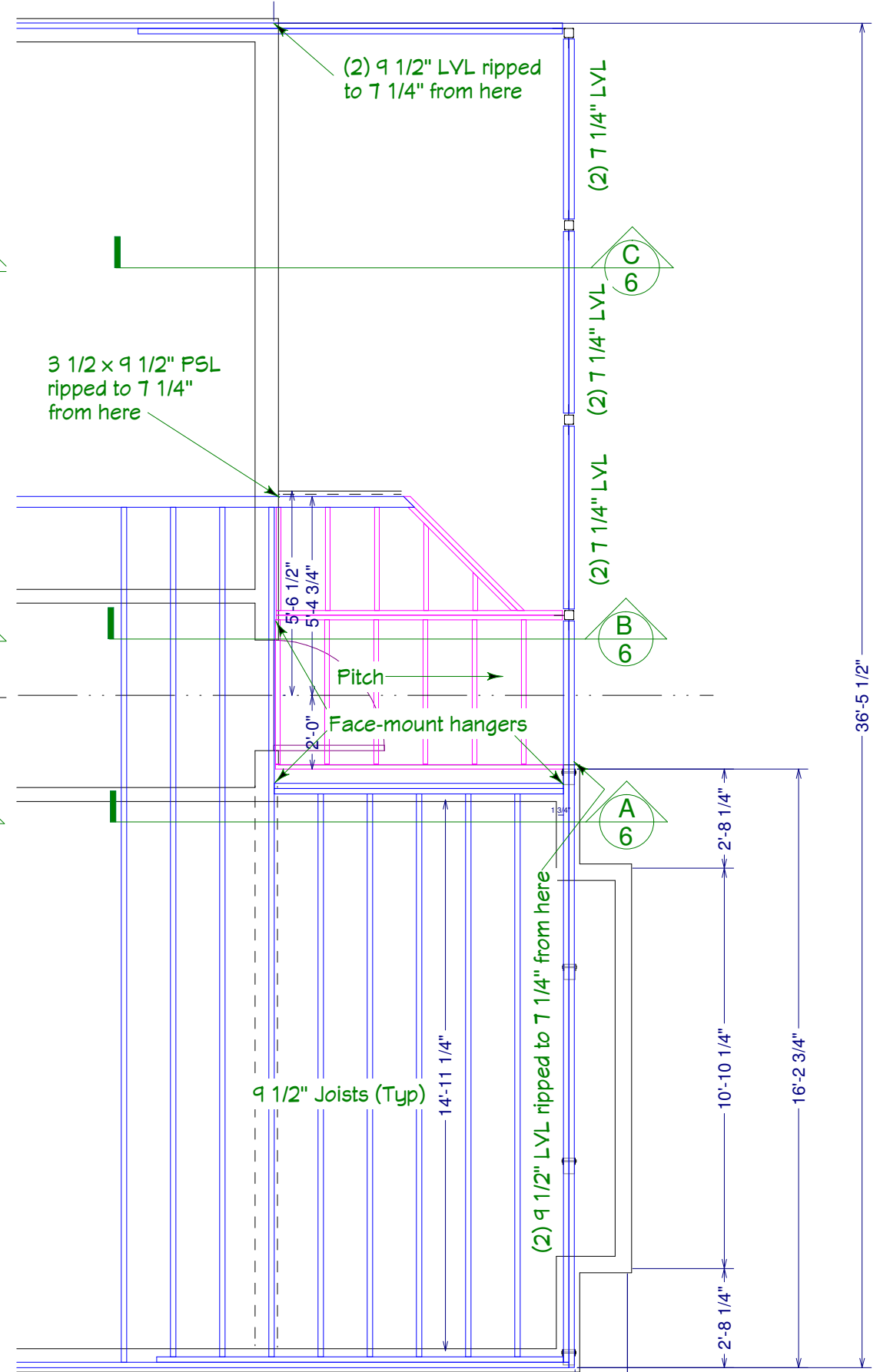
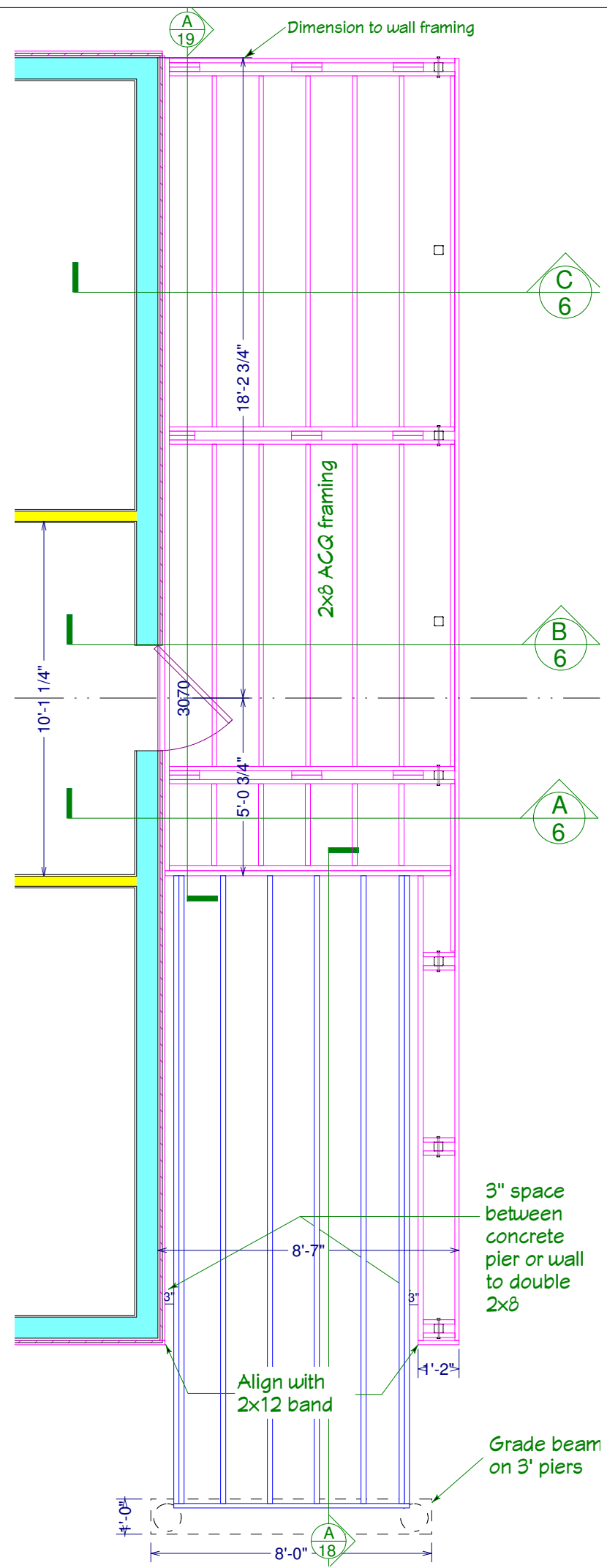
Typical LVL joist / beam connection (1" = 1')

St. Lukes Church 18 James Lane, EH, NY Parish House Addition	Revisions/Additions 10/15/07: wndw forms 1/4/08: column dtls 3/24/08: roof details 3/24/08: truss details 4/16/08: elevator 4/17/08: framing dtls 4/30/08: truss col dtls 5/15/08: deck details 5/22/08: stair/landing	Copyright (c) 2008. All rights reserved. David A. Webb, Inc. Design, Drafting, Engineering, General Contracting 516 - 982 - 8502	
	Foundation Openings	Date 9/21/07	Drawn by DW
		Sheet 4	



- Framing Notes:**
- Dimensions are to framing UON
 - Wall outlines represent total thickness of finished product
- Pier & Column Notes:**
- 24x24x12" footing (depth & reinforcement as specified by Engineer)
 - 14x14" pier from footing to top of foundation + 3" (reinforcement as specified by Engineer)
 - 7x7x3/8" stainless steel base plate with (2) #5 rebar welded to bottom, extending 20" into pier.
 - Center base plate on all piers except #1 and #8. Base plate on #1 to be shifted 1 1/2" north. #8 to be shifted 1 1/2" south.
 - 3x3x1/4" steel columns centered on base plate and welded in the field.

Pier Centers
(see notes for Col centers)

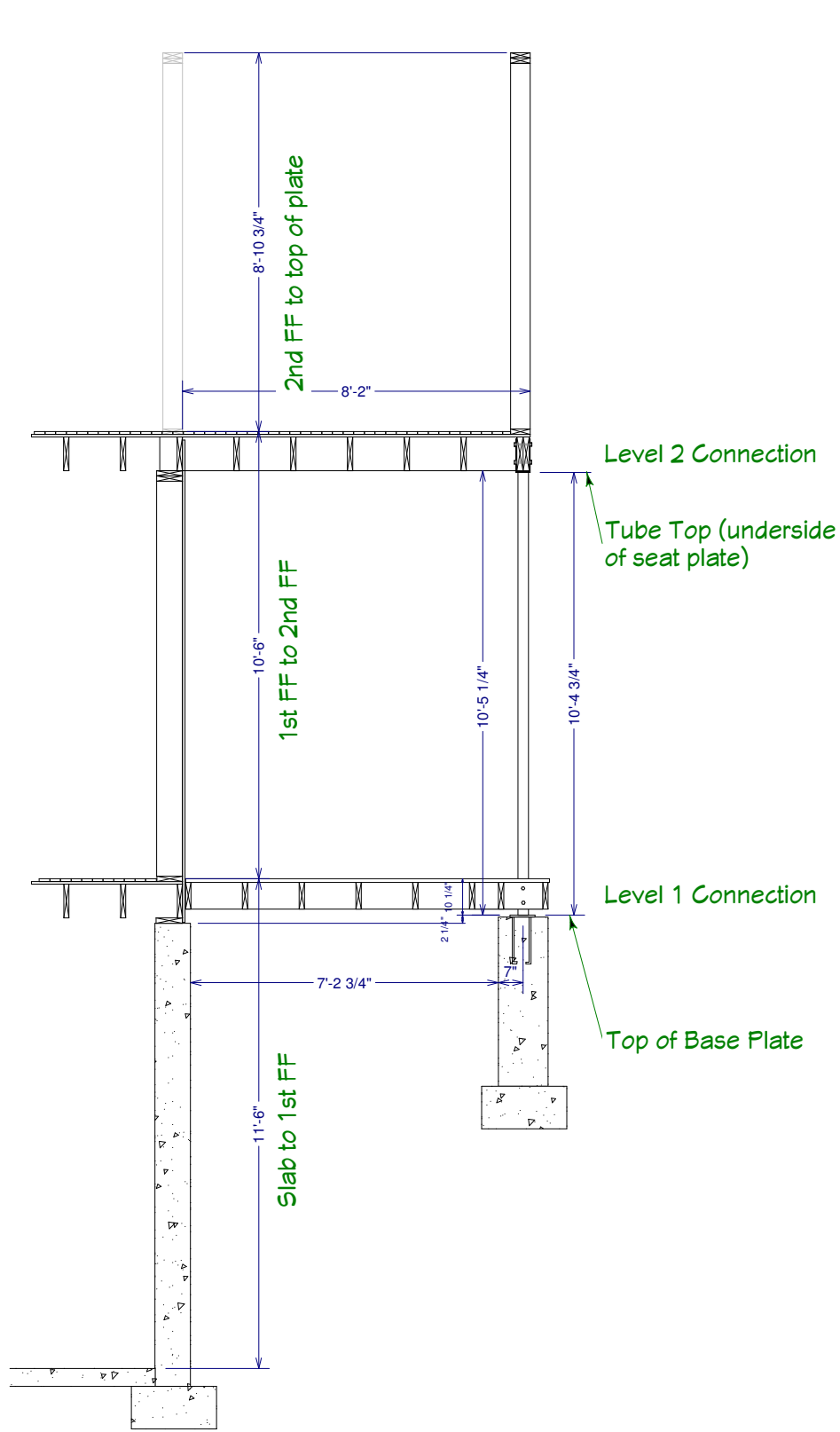


Part Foundation Plan (1/4" = 1')

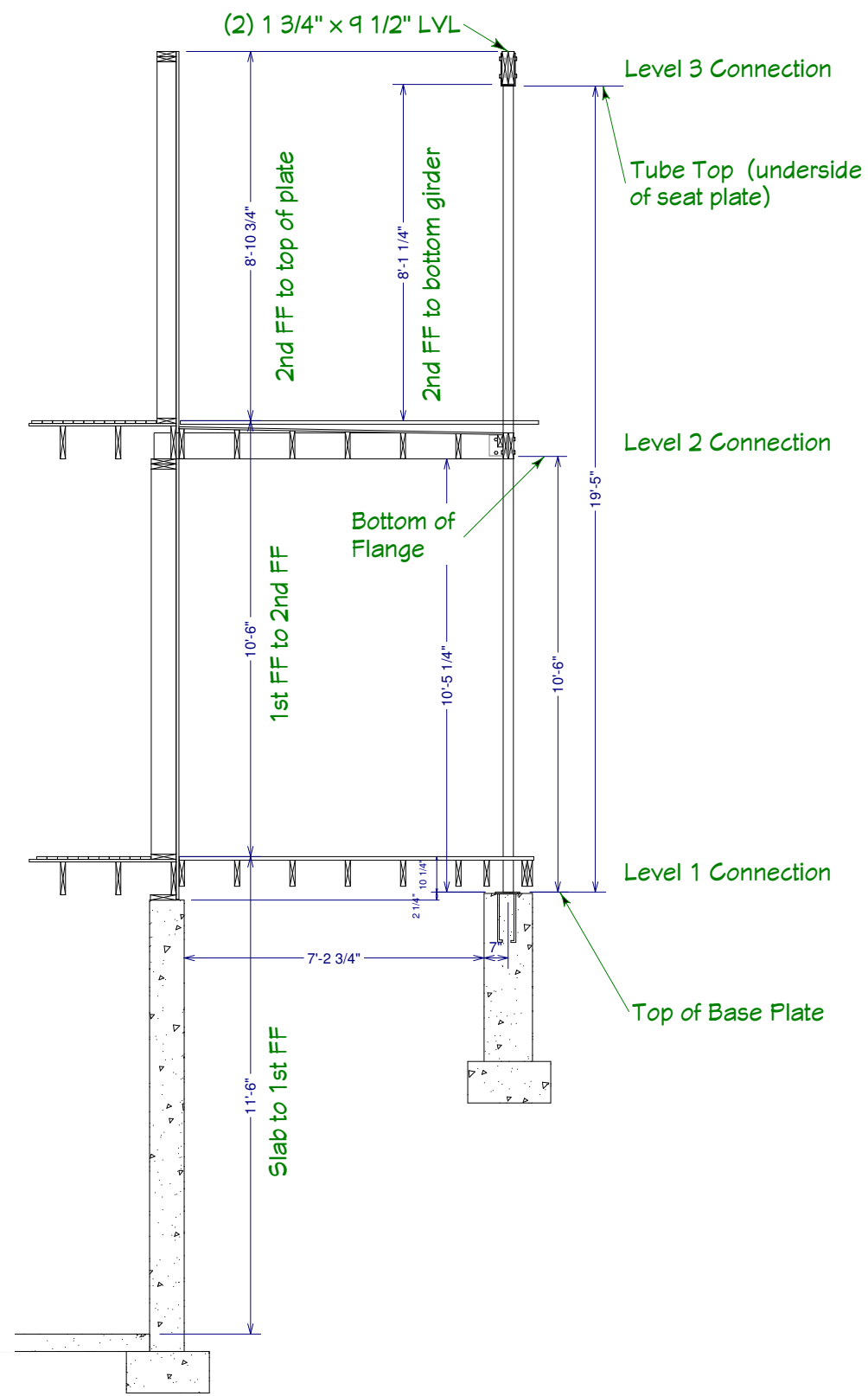
Part Deck Framing Plan (1/4" = 1')

Part 2nd Fl Framing Plan (1/4" = 1')

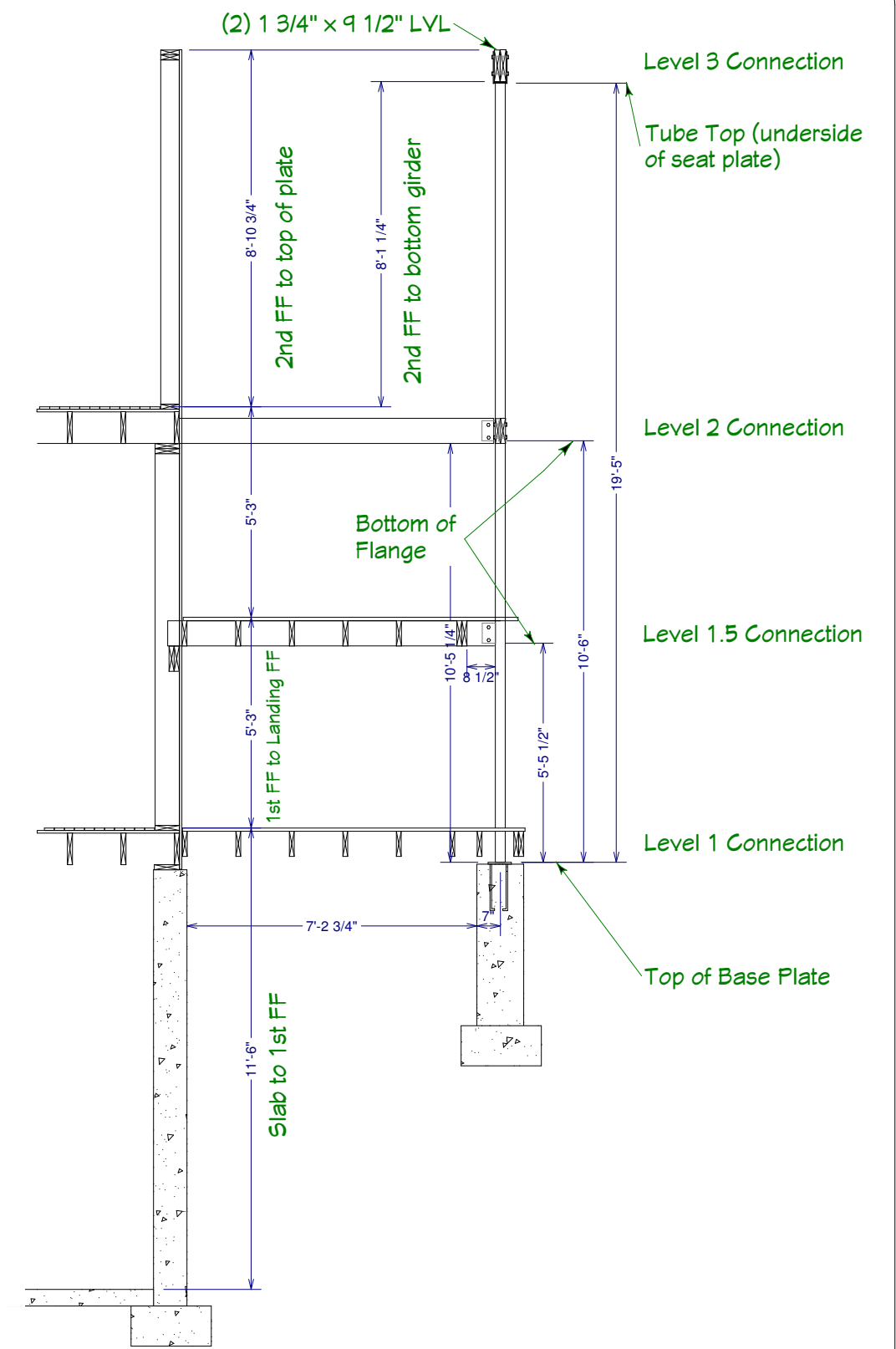
St. Lukes Church 18 James Lane, EH, NY Parish House Addition East Columns & Framing	Revisions/Additions 10/15/07: wndw forms 1/4/08: column dtls 3/24/08: roof details 3/24/08: truss details 4/16/08: elevator 4/17/08: framing dtls 4/30/08: truss col dtls 5/15/08: deck details 5/22/08: stair/landing	Copyright (c) 2008. All rights reserved. David A. Webb, Inc. Design, Drafting, Engineering, General Contracting 516 - 982 - 8502	
	Date 9/21/07	Drawn by DW	Scale (as specified)



Section A (1/4"=1')

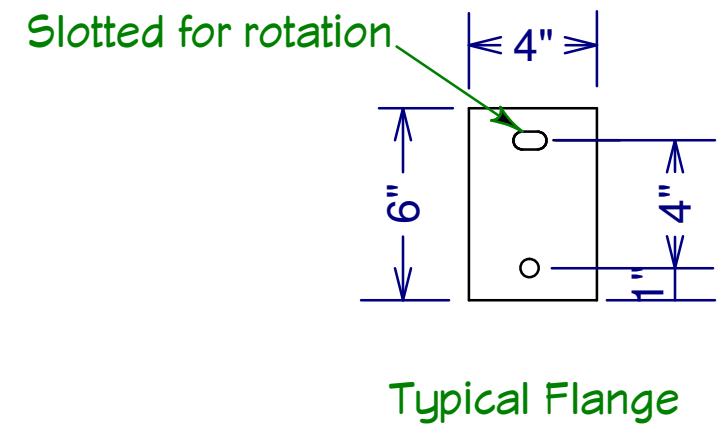
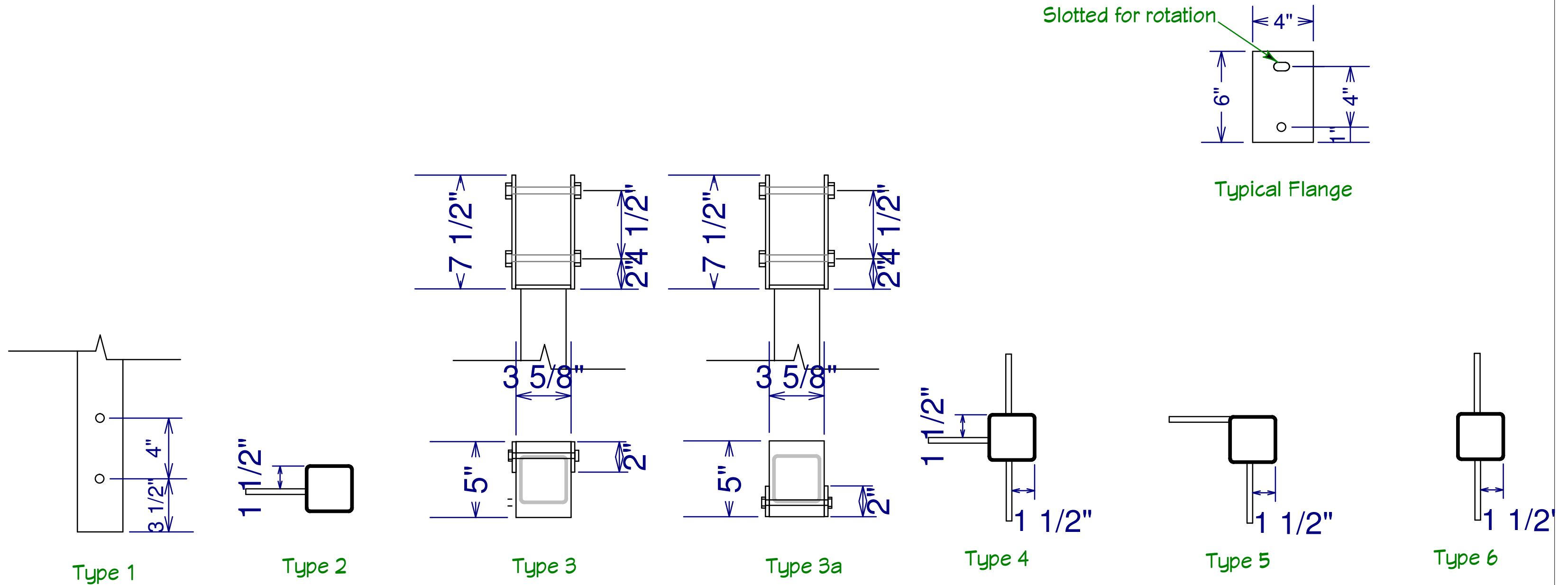


Section B (1/4"=1')



Section C (1/4"=1')

St. Lukes Church 18 James Lane, EH, NY Parish House Addition	Revisions/Additions 10/15/07: wndw forms 1/4/08: column dtls 3/24/08: roof details 3/24/08: truss details 4/16/08: elevator 4/17/08: framing dtls 4/30/08: truss col dtls 5/15/08: deck details 5/22/08: stair/landing	Copyright (c) 2008. All rights reserved. David A. Webb, Inc. Design, Drafting, Engineering, General Contracting 516 - 982 - 8502		
	East Columns Sections	Date 9/21/07	Drawn by DW	Scale (as specified)



Column Connections (2" = 1')

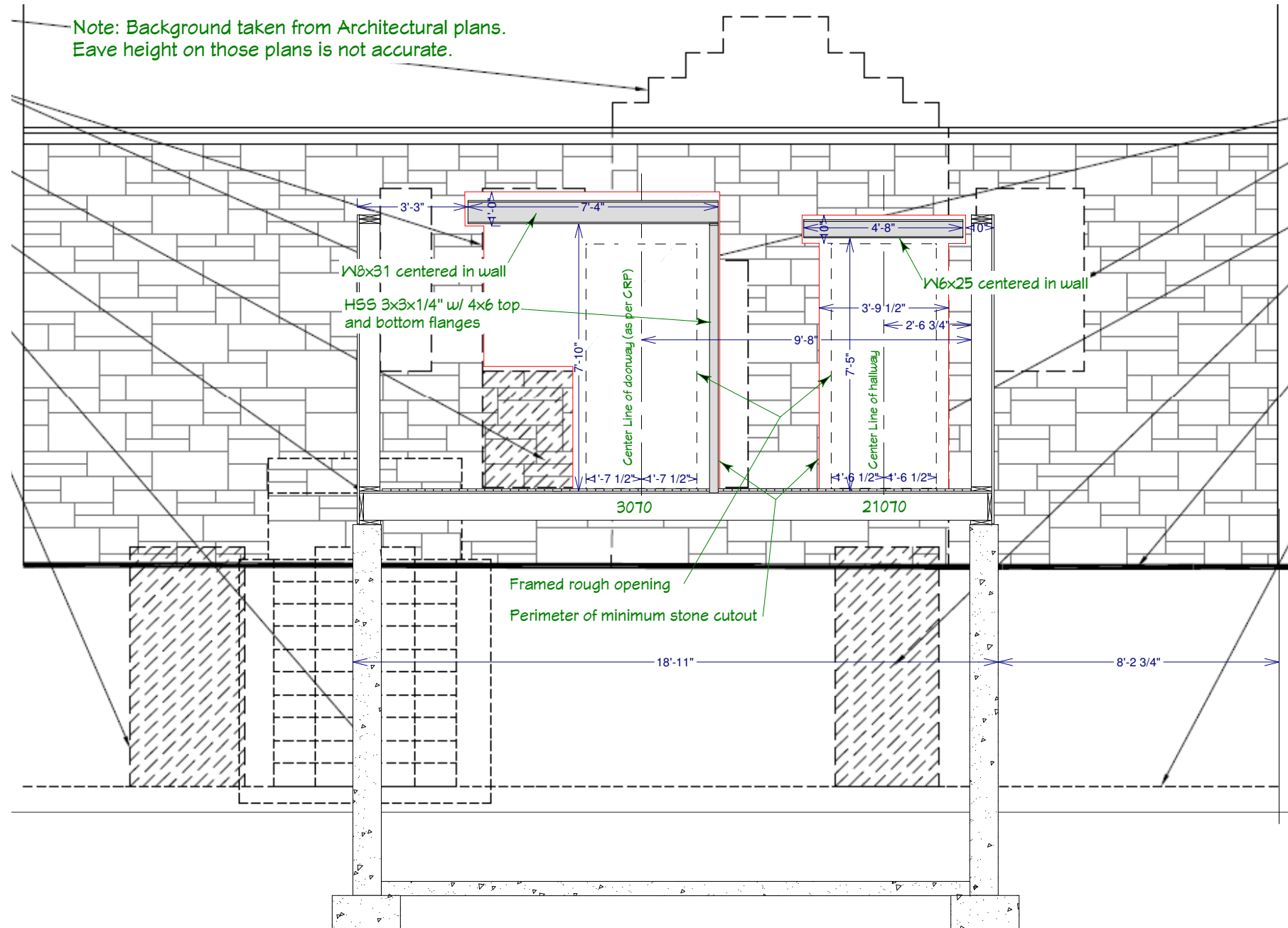
(Note: Column connections are oriented as in the preceding plan and/or section views)

Column ID	Tube Len	Level 1 Conn	Level 1.5 Conn	Level 2 Conn	Level 3 Conn
1	19' 5"	Type 1	Type 2	Type 5	Type 3a
2	19' 5"	n/a	Type 2	Type 6	Type 3a
3	19' 5"	Type 1	n/a	Type 6	Type 3a
4	19' 5"	n/a	n/a	Type 4	Type 3a
5	10' 4 3/4"	Type 1	n/a	Type 3	n/a
6	10' 4 3/4"	Type 1	n/a	Type 3	n/a
7	10' 4 3/4"	Type 1	n/a	Type 3	n/a
8	10' 4 3/4"	Type 1	n/a	Type 3	n/a

- Type 1 – through bolts through column
- Type 2 – single perpendicular flange
- Type 3 & 3a – seat with offset straps
- Type 4 – single perpendicular flange and twin in-line flanges
- Type 5 – single in-line flange and single perpendicular edge-mounted flange
- Type 6 – twin in-line flanges

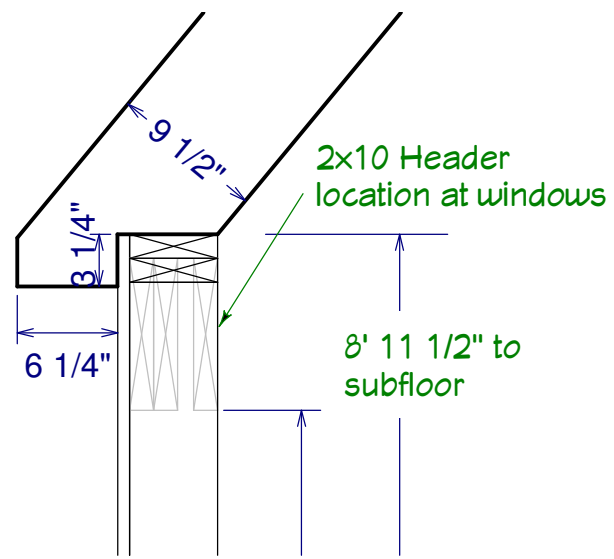
All connection parts are made from 1/4" steel.
All bolt holes are 9/16"

St. Lukes Church 18 James Lane, EH, NY Parish House Addition East Column Connections	Revisions/Additions 10/15/07: wndw forms 1/4/08: column dtls 3/24/08: roof details 3/24/08: truss details 4/16/08: elevator 4/17/08: framing dtls 4/30/08: truss col dtls 5/15/08: deck details 5/22/08: stair/landing	Copyright (c) 2008. All rights reserved. David A. Webb, Inc. Design, Drafting, Engineering, General Contracting 516 - 982 - 8502		
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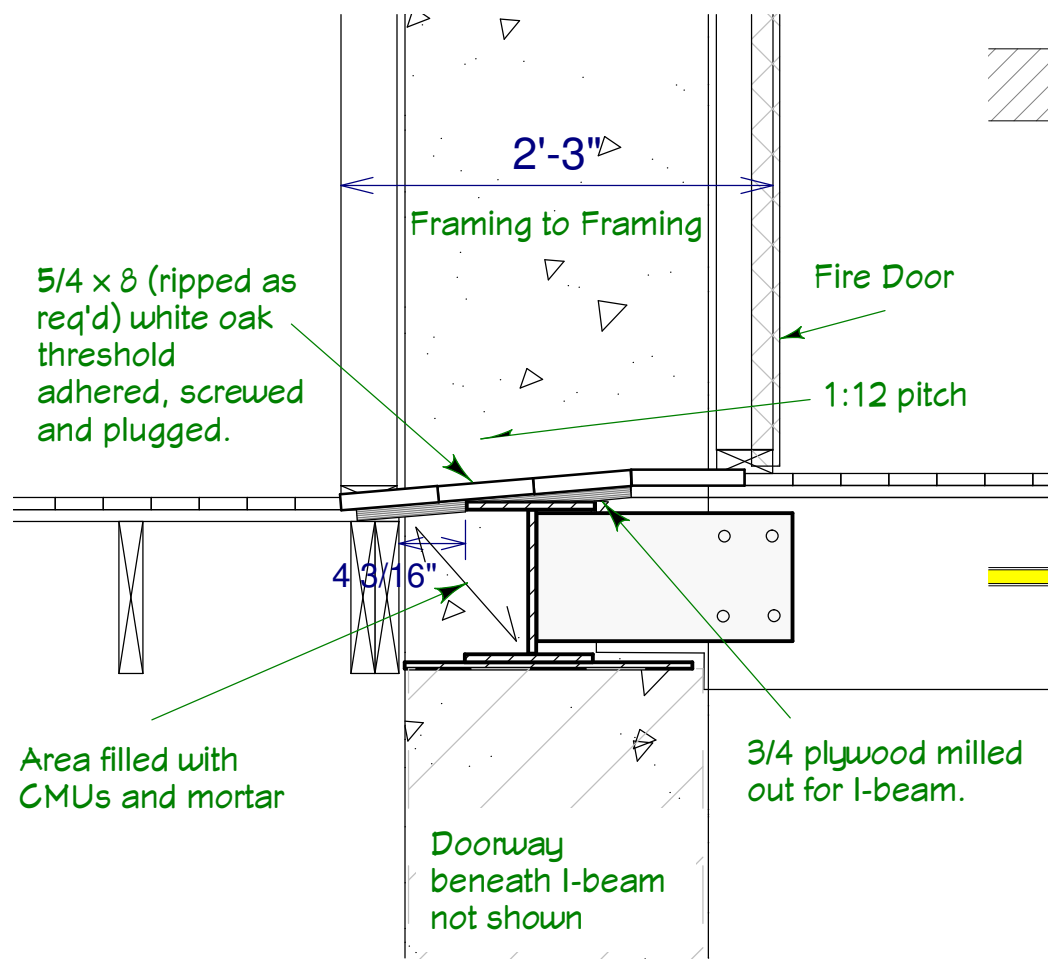


Section at Upper door cut-outs (1/4" = 1')

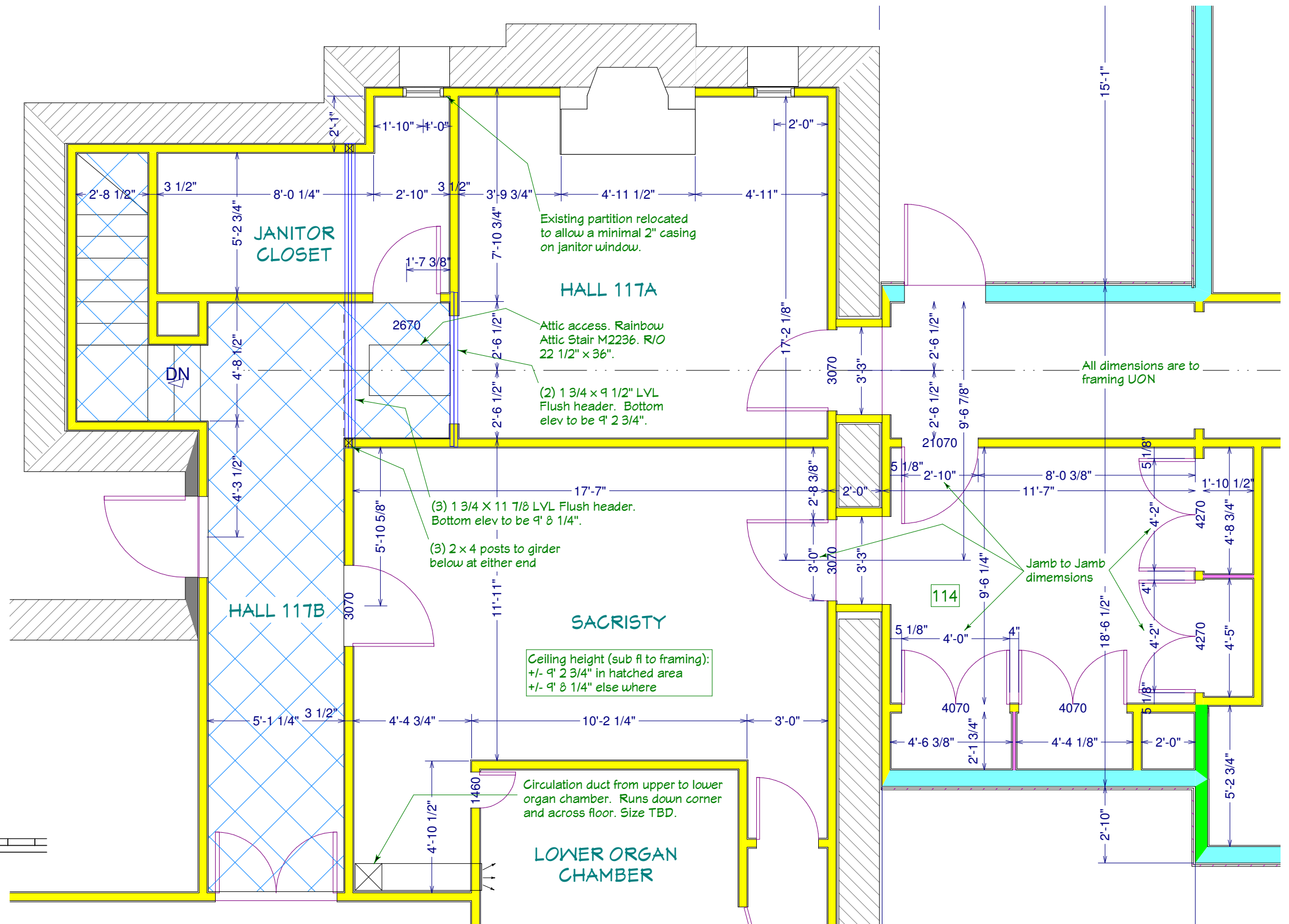
St. Lukes Church 18 James Lane, EH, NY Parish House Addition Upper Doorway Steel	Revisions/Additions 10/15/07: wndw forms 1/4/08: column dtls 3/24/08: roof details 3/24/08: truss details 4/16/08: elevator 4/17/08: framing dtls 4/30/08: truss col dtls 5/15/08: deck details 5/22/08: stair/landing	Copyright (c) 2008. All rights reserved. David A. Webb, Inc. Design, Drafting, Engineering, General Contracting 516 - 982 - 8502		
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Parish House Eave Framing
2" = 1'

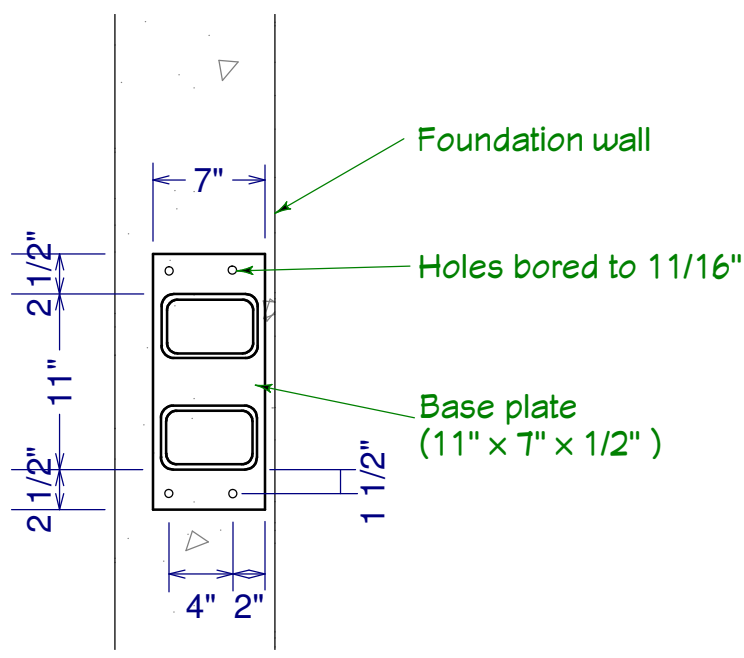


North Connector Ramp Framing
1" = 1'

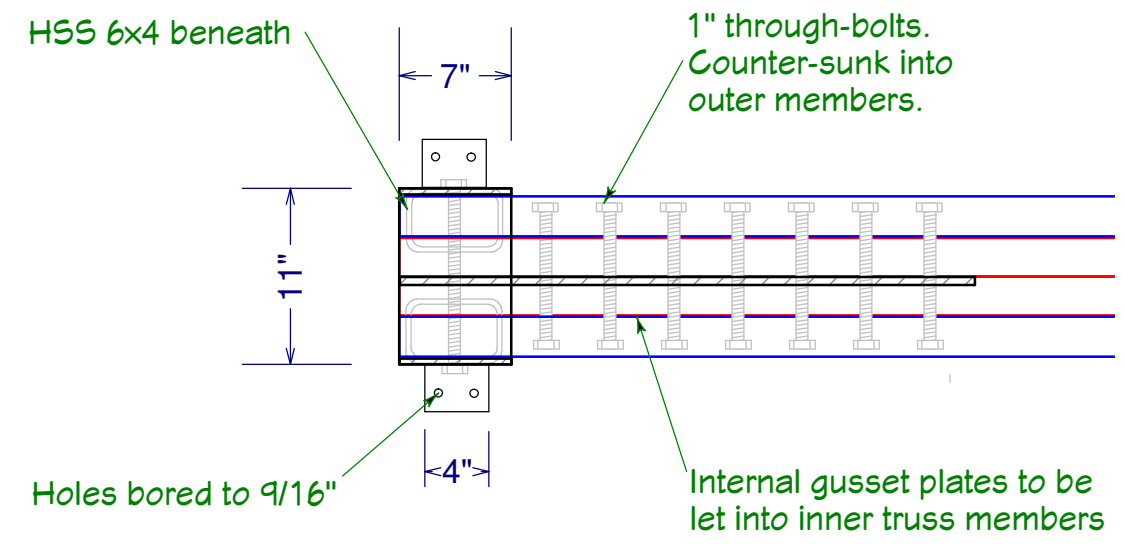


Dimension Details at Existing & Clergy
1/4" = 1'

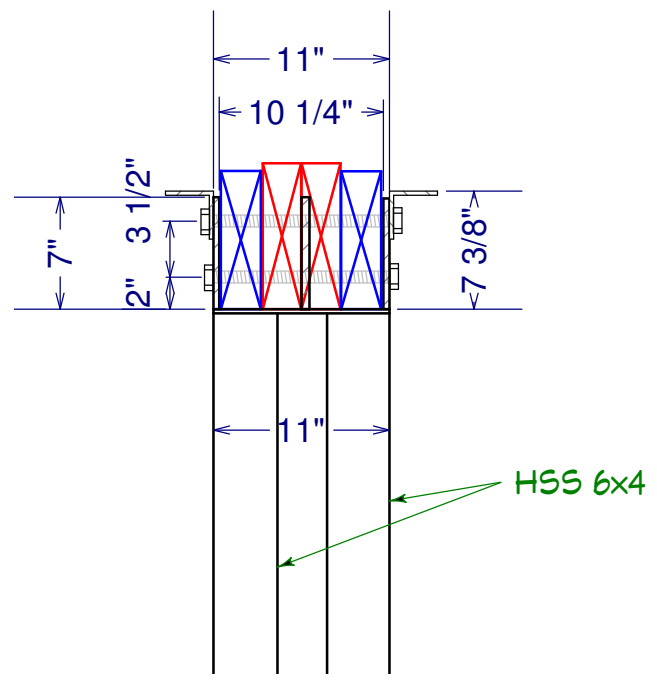
St. Lukes Church 18 James Lane, EH, NY Parish House Addition Framing Details	Revisions/Additions 10/15/07: wndw forms 1/4/08: column dtls 3/24/08: roof details 3/24/08: truss details 4/16/08: elevator 4/17/08: framing dtls 4/30/08: truss col dtls 5/15/08: deck details 5/22/08: stair/landing	Copyright (c) 2008. All rights reserved. David A. Webb, Inc. Design, Drafting, Engineering, General Contracting 516 - 982 - 8502	
	Date 9/21/07	Drawn by DW	Scale (as specified)



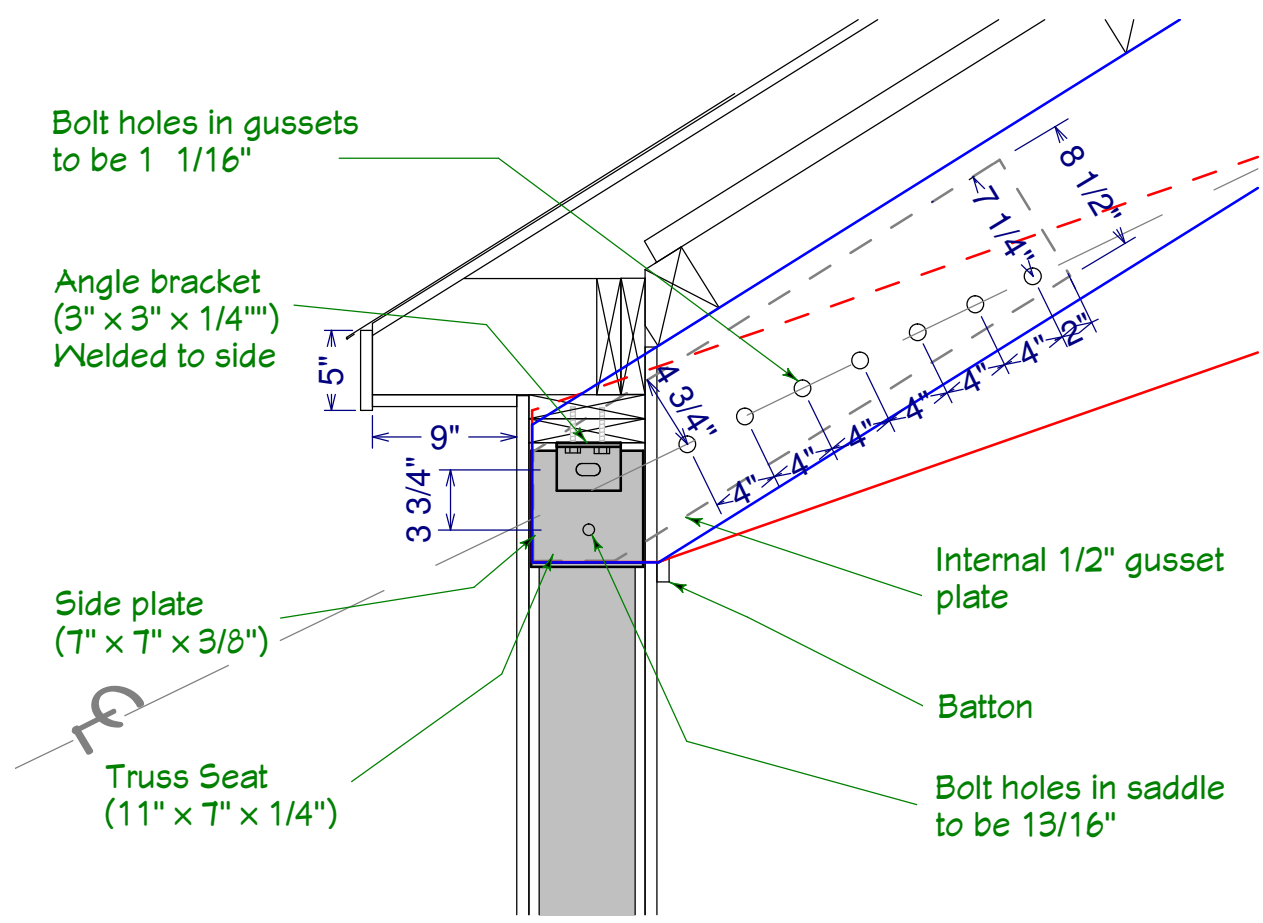
Plan at Column Base
1" = 1'



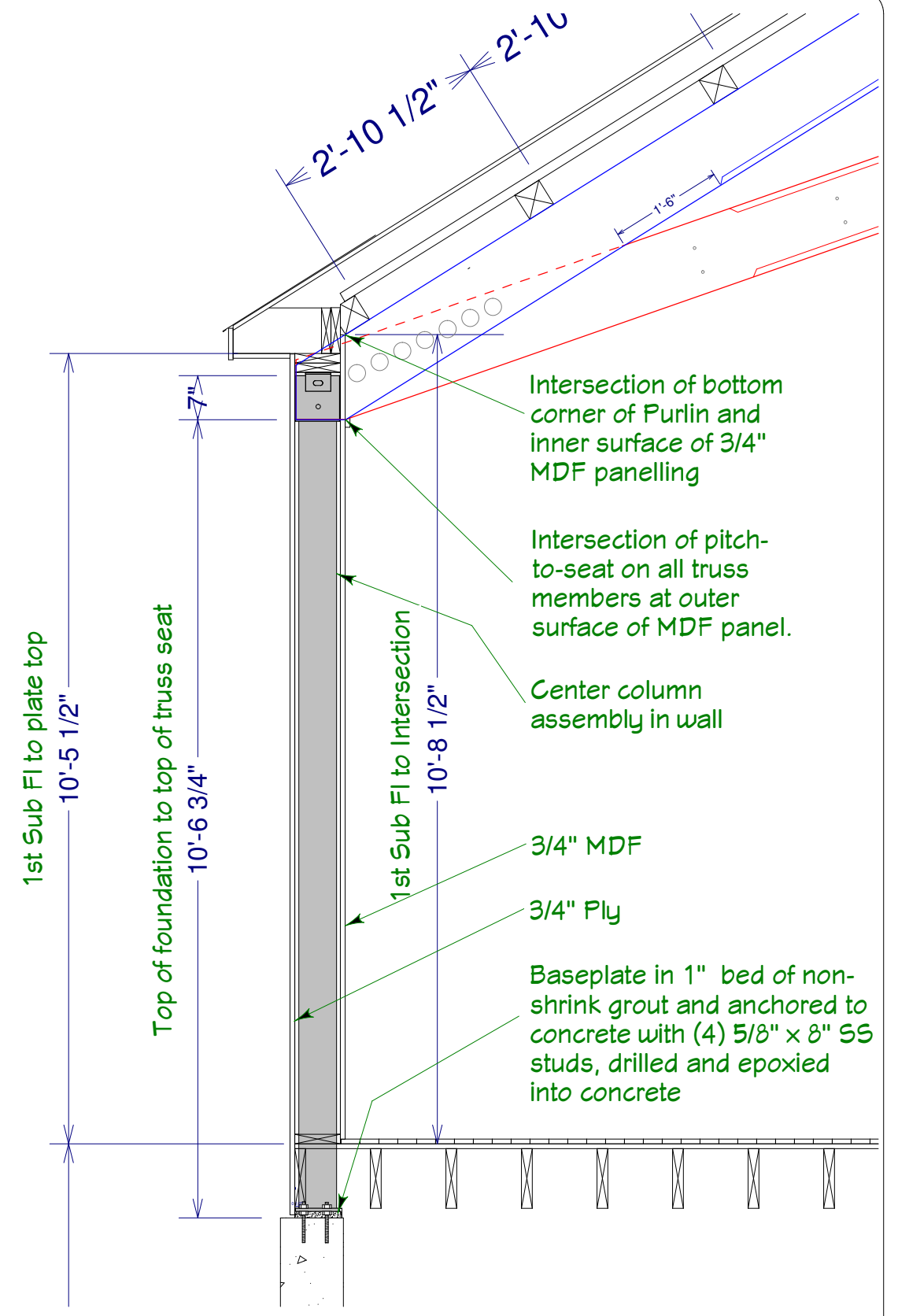
Plan at Column Top
1" = 1'



Elevation at Column Top
1" = 1'

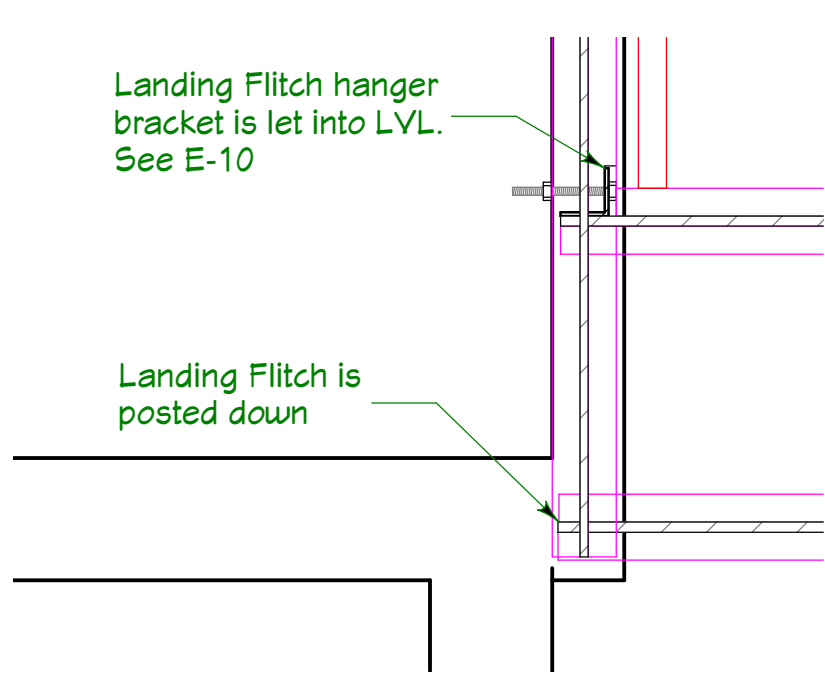


Section at Column Top
1" = 1'

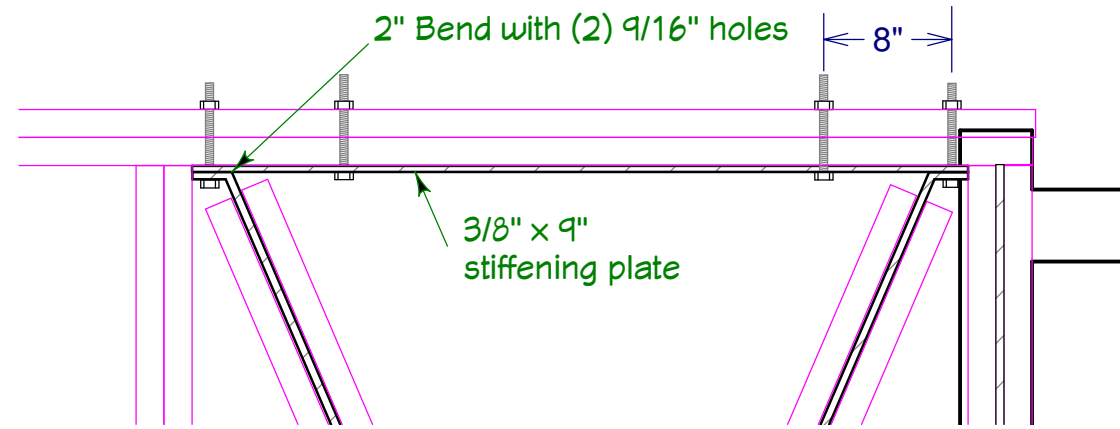


Column and Truss Section
1/2" = 1'

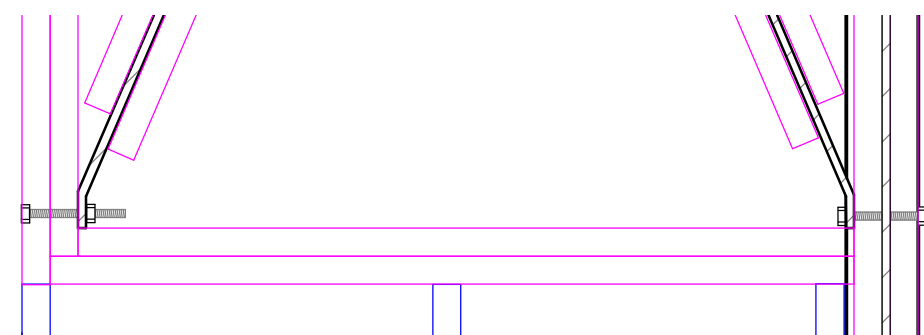
St. Lukes Church 18 James Lane, EH, NY Parish House Addition	Revisions/Additions 10/15/07: wndw forms 1/4/08: column dtls 3/24/08: roof details 3/24/08: truss details 4/16/08: elevator 4/17/08: framing dtls 4/30/08: truss col dtls 5/15/08: deck details 5/22/08: stair/landing	Copyright (c) 2008. All rights reserved. David A. Webb, Inc. Design, Drafting, Engineering, General Contracting 516 - 982 - 8502		
	Truss Column Details	Date 9/21/07	Drawn by DW	Scale (as specified)



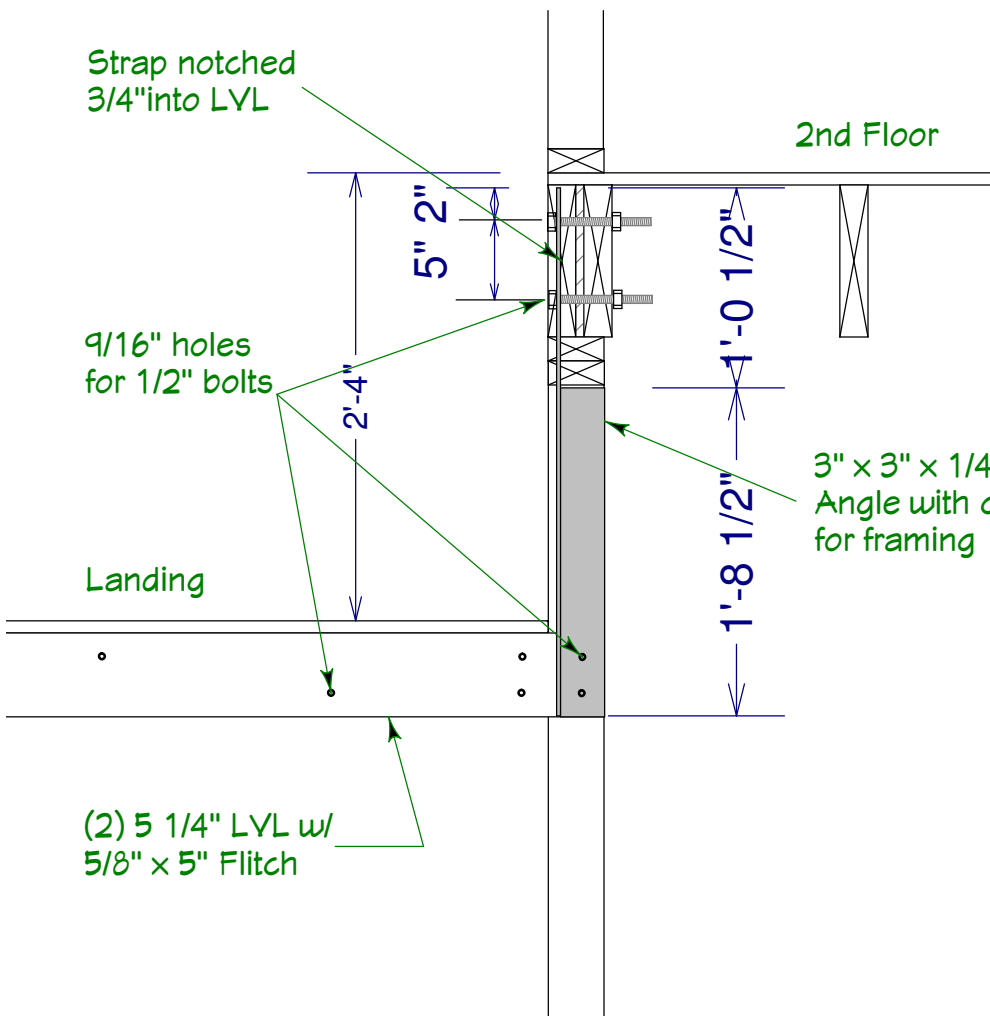
Detail A
1" = 1'



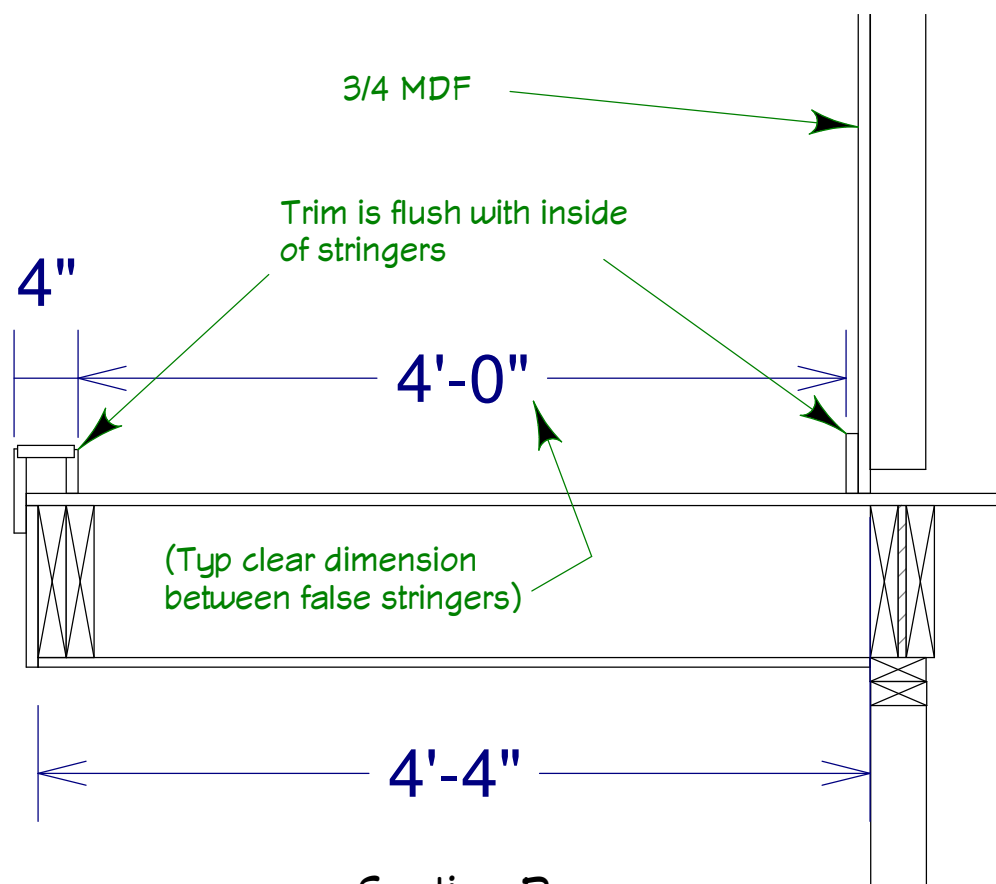
Detail C
1" = 1'



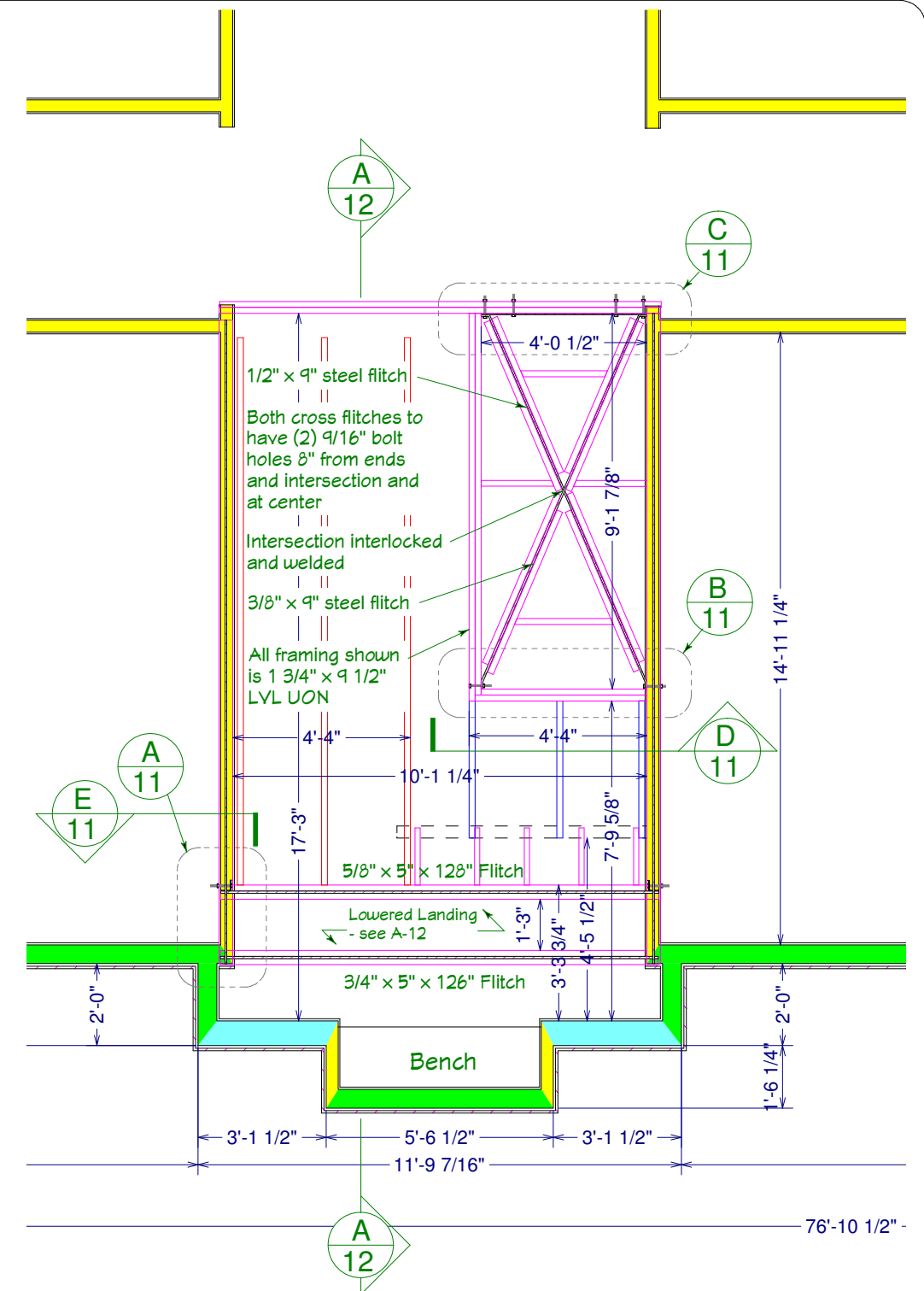
Detail B
1" = 1'



Section E
1" = 1'

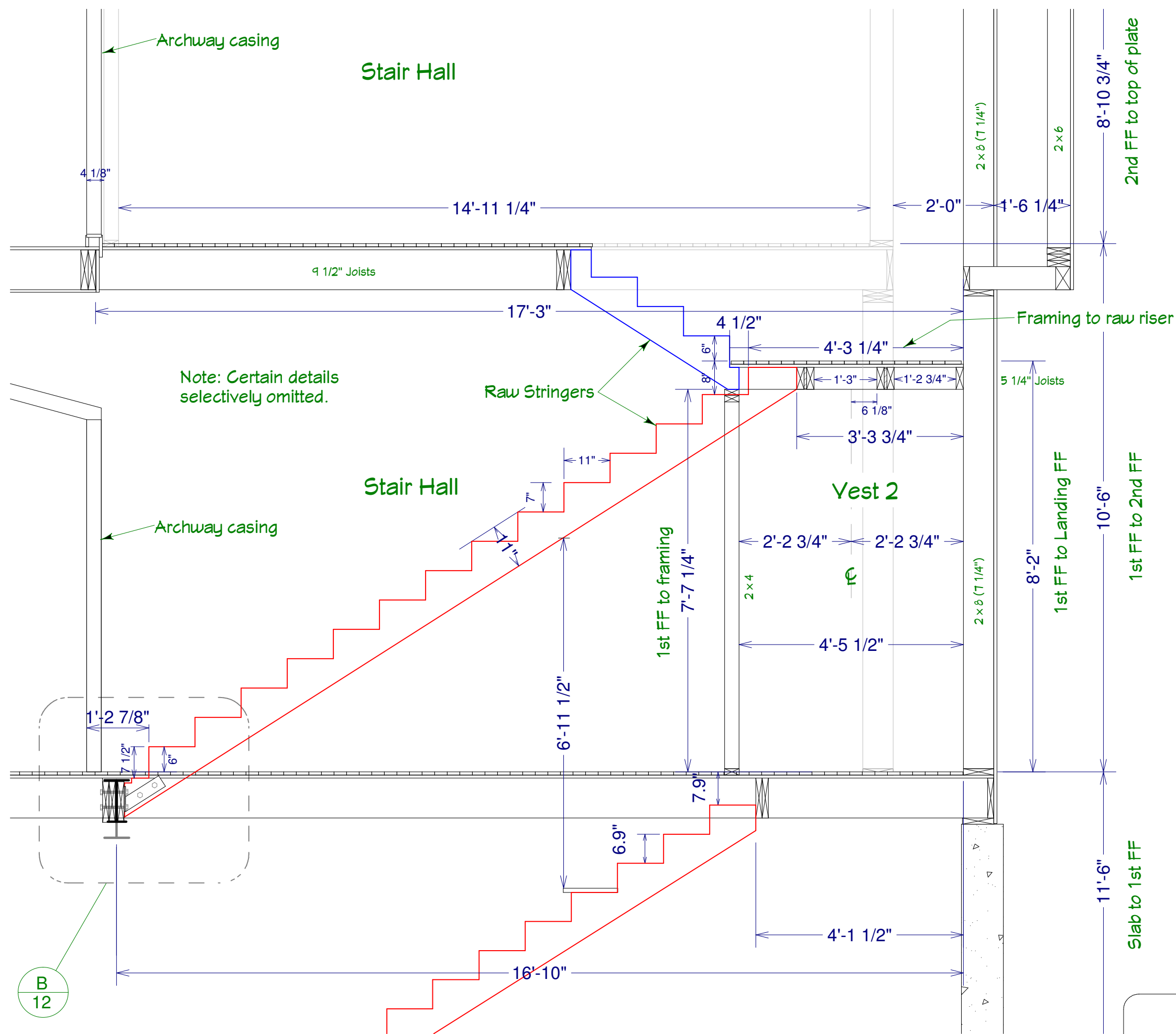


Section D
1" = 1'



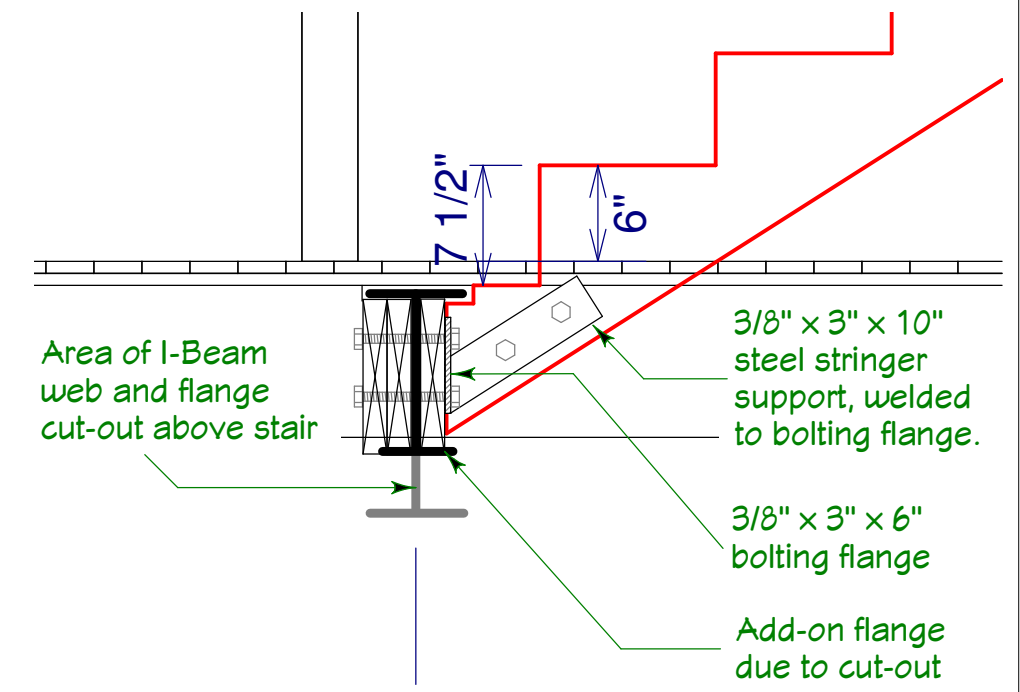
Part Plan at 2nd fl stair hall
1/4" - 1'

St. Lukes Church 18 James Lane, EH, NY Parish House Addition Landing Steel Details	Revisions/Additions 10/15/07: wndw forms 1/4/08: column dtls 3/24/08: roof details 3/24/08: truss details 4/16/08: elevator 4/17/08: framing dtls 4/30/08: truss col dtls 5/15/08: deck details 5/22/08: stair/landing	Copyright (c) 2008. All rights reserved. David A. Webb, Inc. Design, Drafting, Engineering, General Contracting 516 - 982 - 8502	
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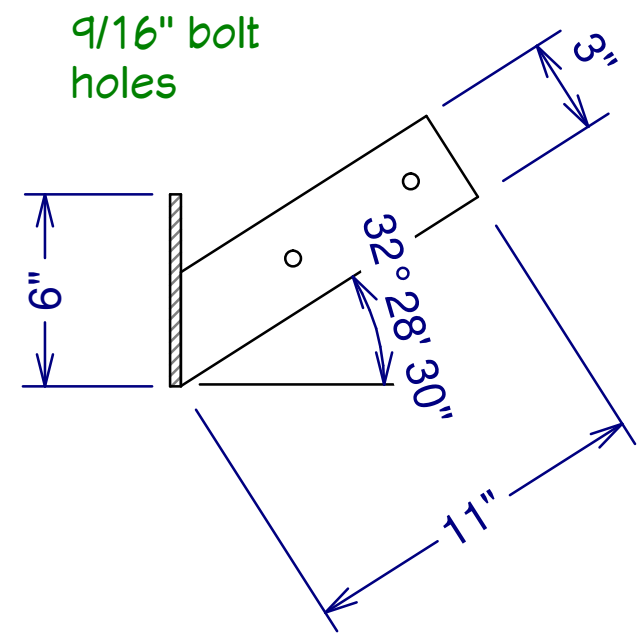


Note: Certain details selectively omitted.

Section A
1/2" = 1'



Detail B - Stringer support
1" = 1'



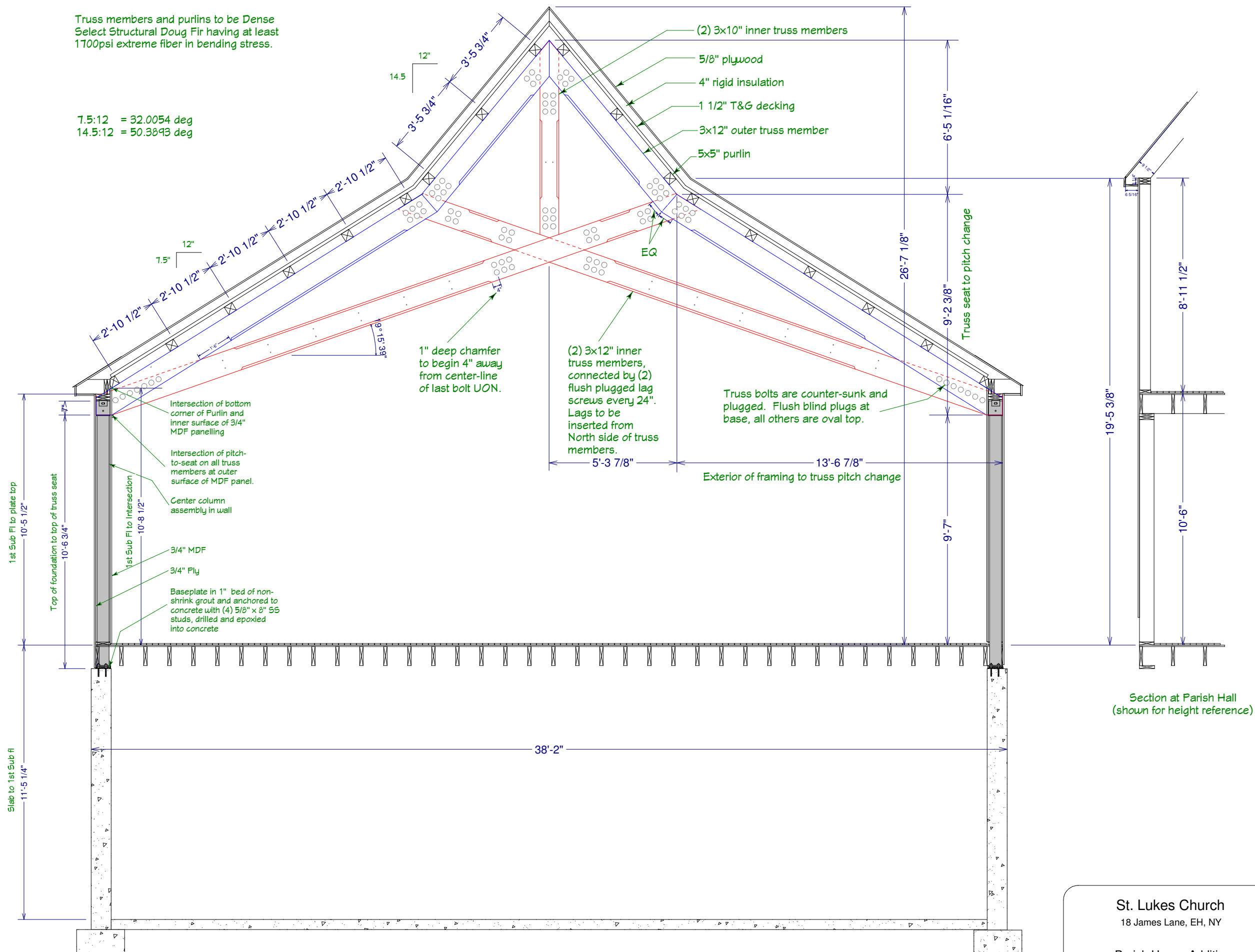
Stringer support dimensions
2" = 1'

B
12

St. Lukes Church 18 James Lane, EH, NY Parish House Addition Stair Sections	Revisions/Additions 10/15/07: wndw forms 1/4/08: column dtls 3/24/08: roof details 3/24/08: truss details 4/16/08: elevator 4/17/08: framing dtls 4/30/08: truss col dtls 5/15/08: deck details 5/22/08: stair/landing	Copyright (c) 2008. All rights reserved. David A. Webb, Inc. Design, Drafting, Engineering, General Contracting 516 - 982 - 8502		
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Truss members and purlins to be Dense Select Structural Doug Fir having at least 1700psi extreme fiber in bending stress.

7.5:12 = 32.0054 deg
 14.5:12 = 50.3843 deg



Section at Truss
 1/4" = 1'

Section at Parish Hall
 (shown for height reference)

St. Lukes Church
 18 James Lane, EH, NY

 Parish House Addition

Revisions/Additions
10/15/07: wndw forms
1/4/08: column dtls
3/24/08: roof details
3/24/08: truss details
4/16/08: elevator
4/17/08: framing dtls
4/30/08: truss col dtls
5/15/08: deck details
5/22/08: stair/landing

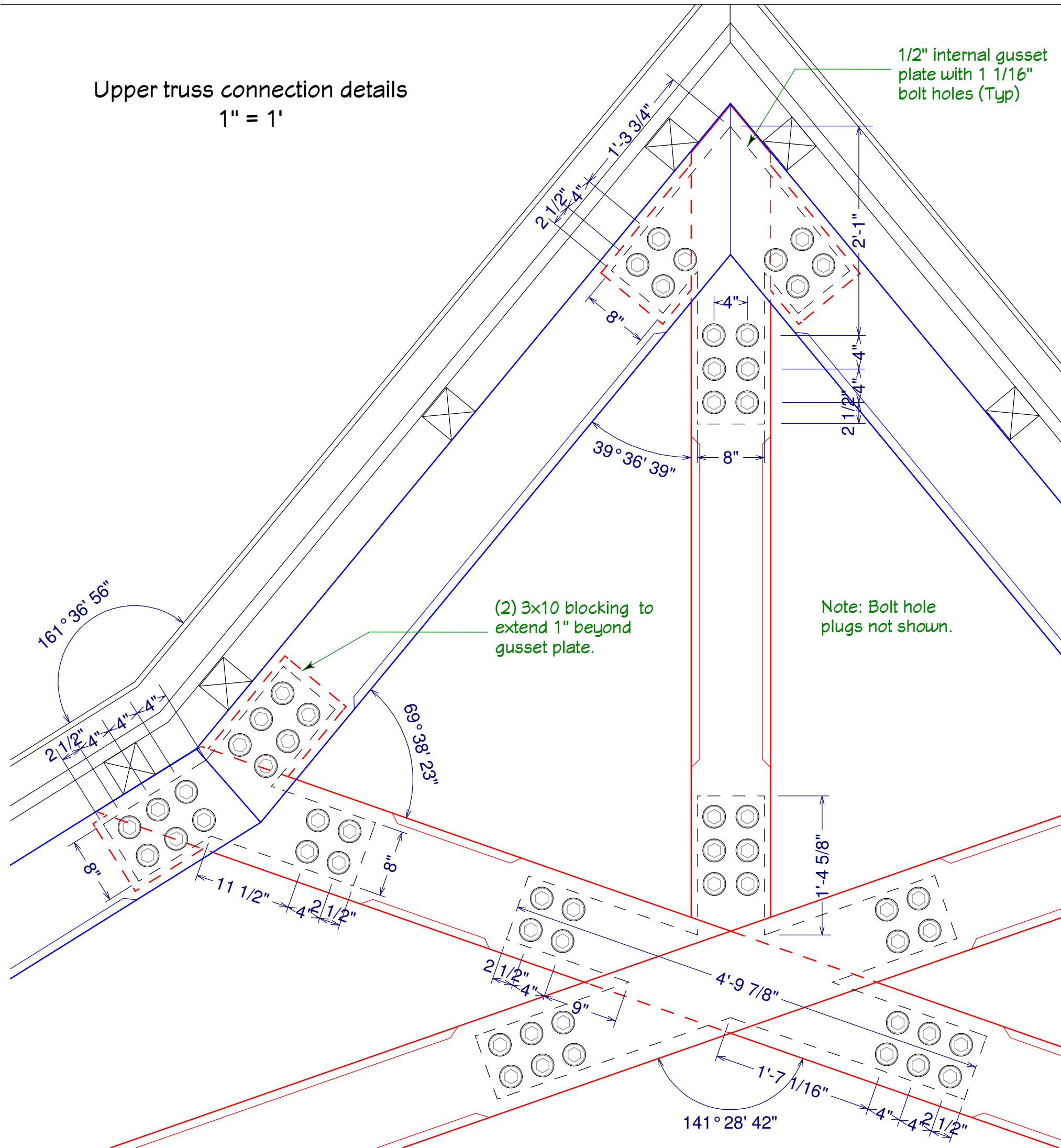
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Truss Section

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Upper truss connection details

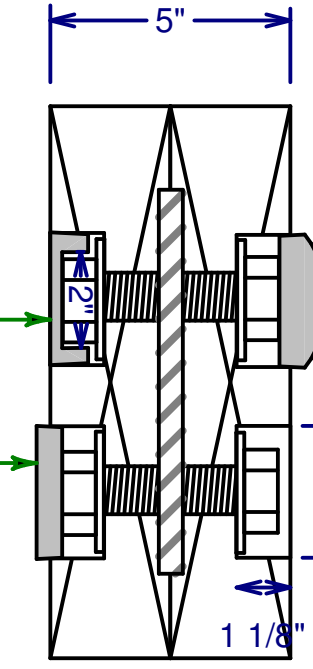
1" = 1'



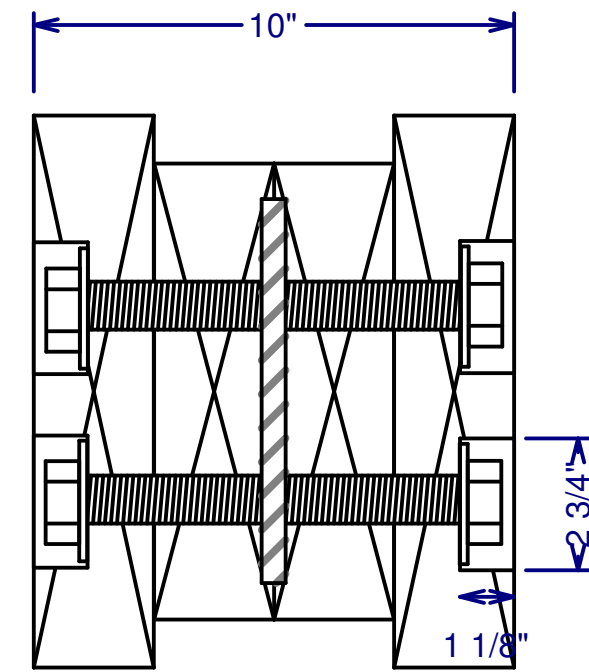
- Flush Plug:
- Select Structural Fir
 - Side grain
 - Tapered
 - fits 2 3/4" hole
 - cut from 13/16" board
 - 1/2" x 2" deep pocket

- Flat Plug:
- CL Fir, End grain
 - Tapered
 - fits 2 3/4" hole
 - 1/2" thickness

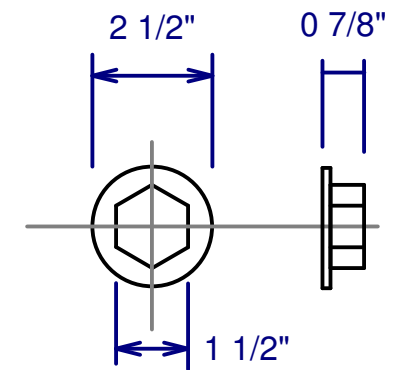
- Oval Plug:
- CL Fir, End grain
 - Tapered
 - fits 2 3/4" hole
 - 1/2" side thickness
 - 1" center thickness



Typical section (with optional plugs) at gusset within lower truss members



Typical section at blocking between upper truss members

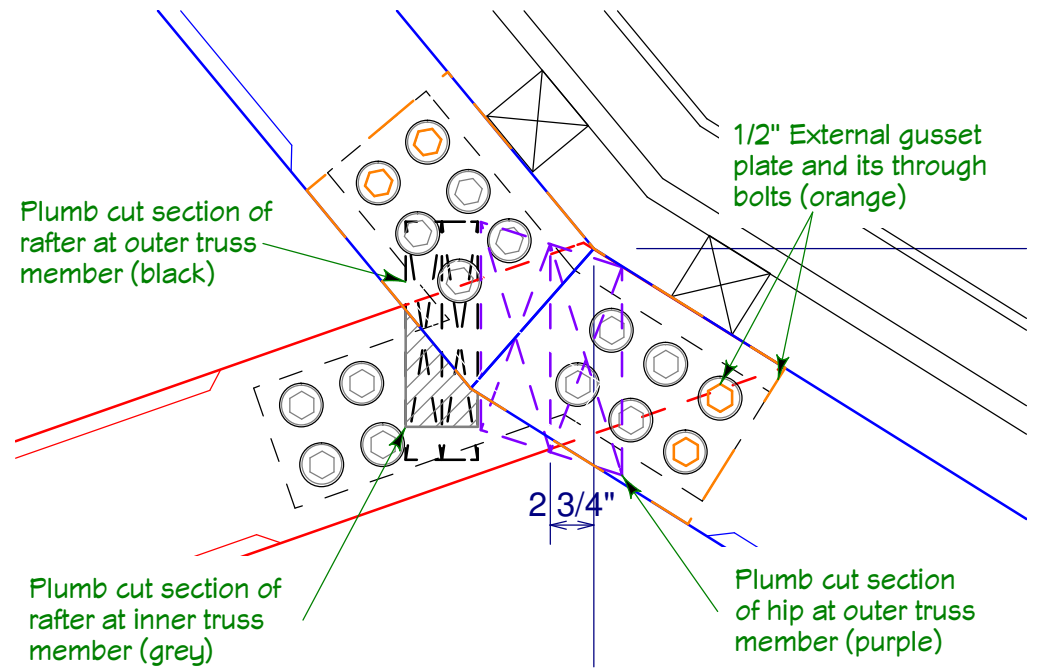


Bolt head and washer dimensions for 1" A307 bolt

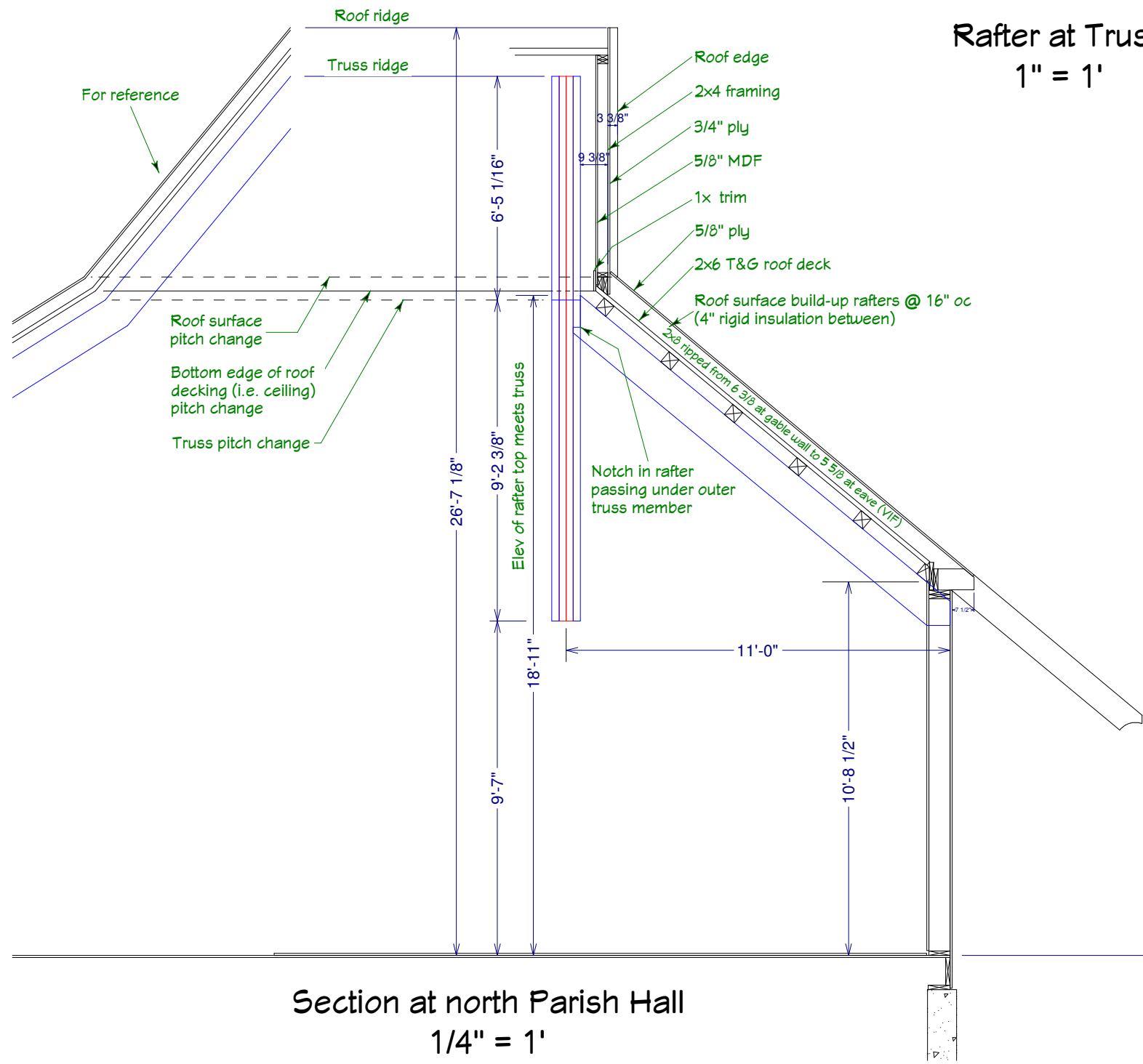
Fastener Details

3" = 1'

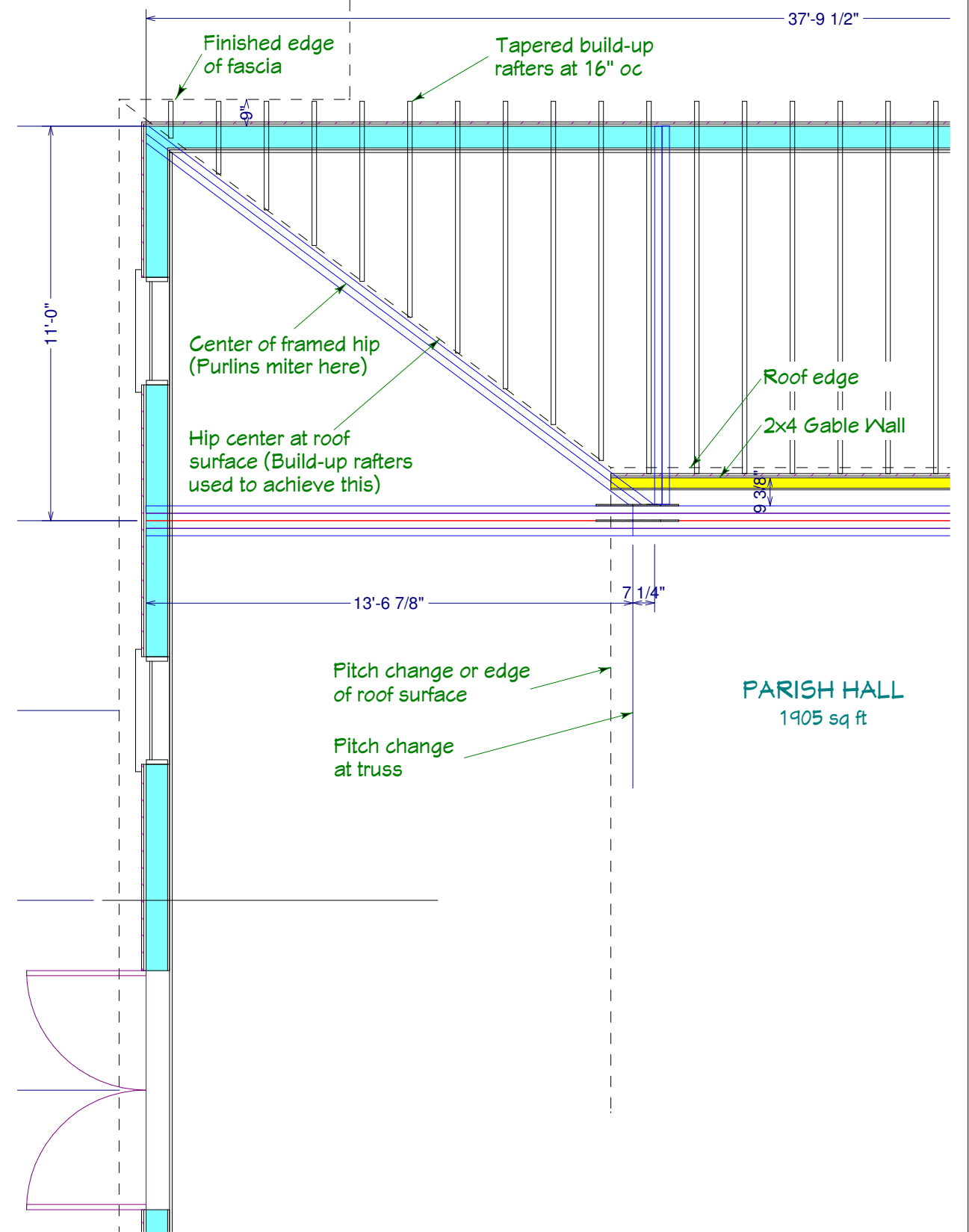
St. Lukes Church 18 James Lane, EH, NY Parish House Addition Truss Details	Revisions/Additions 10/15/07: wndw forms 1/4/08: column dtls 3/24/08: roof details 3/24/08: truss details 4/16/08: elevator 4/17/08: framing dtls 4/30/08: truss col dtls 5/15/08: deck details 5/22/08: stair/landing	Copyright (c) 2008. All rights reserved. David A. Webb, Inc. Design, Drafting, Engineering, General Contracting 516 - 982 - 8502	
	Date 9/21/07	Drawn by DW	Scale (as specified)



Rafter at Truss
1" = 1'

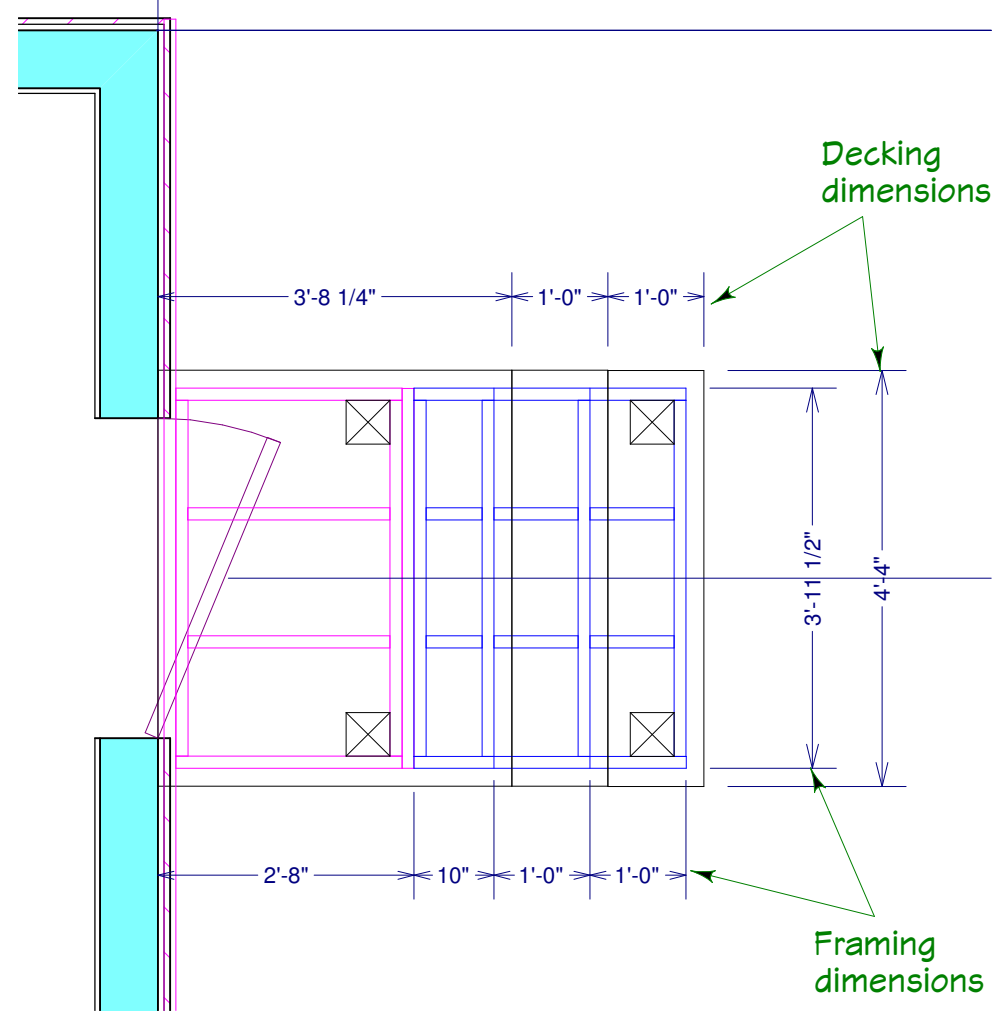


Section at north Parish Hall
1/4" = 1'

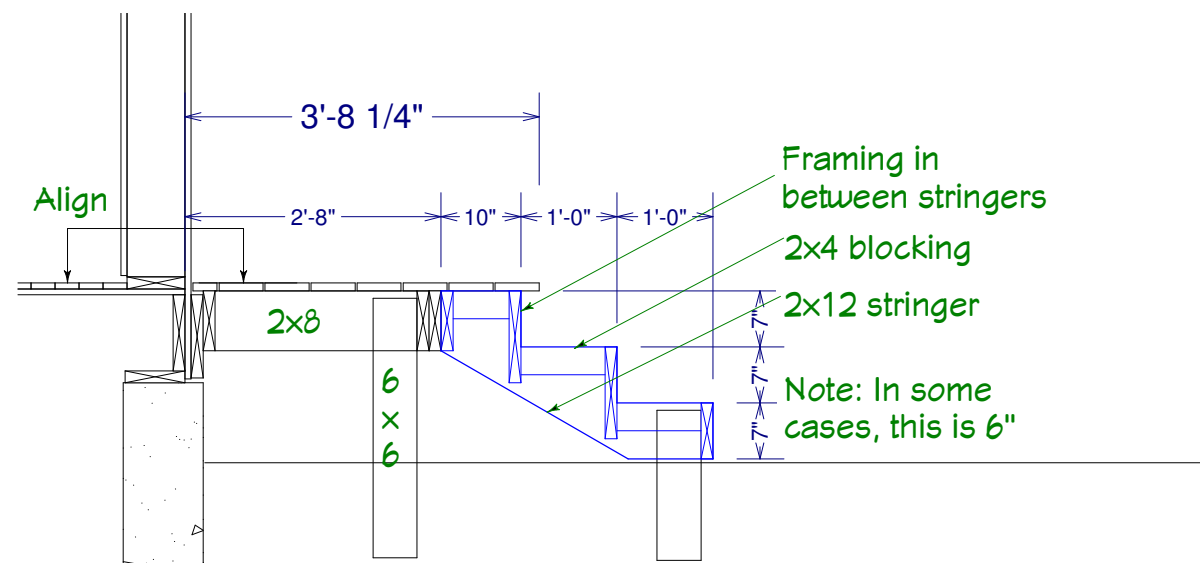


Part Parish Hall roof framing plan
1/4" = 1'

St. Lukes Church 18 James Lane, EH, NY	Revisions/Additions 10/15/07: wndw forms 1/4/08: column dtls 3/24/08: roof details 3/24/08: truss details 4/16/08: elevator 4/17/08: framing dtls 4/30/08: truss col dtls 5/15/08: deck details 5/22/08: stair/landing	Copyright (c) 2008. All rights reserved.			
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Parish House Addition		Date	Drawn by	Scale	Sheet
Roof Framing Details		9/21/07	DW	(as specified)	15

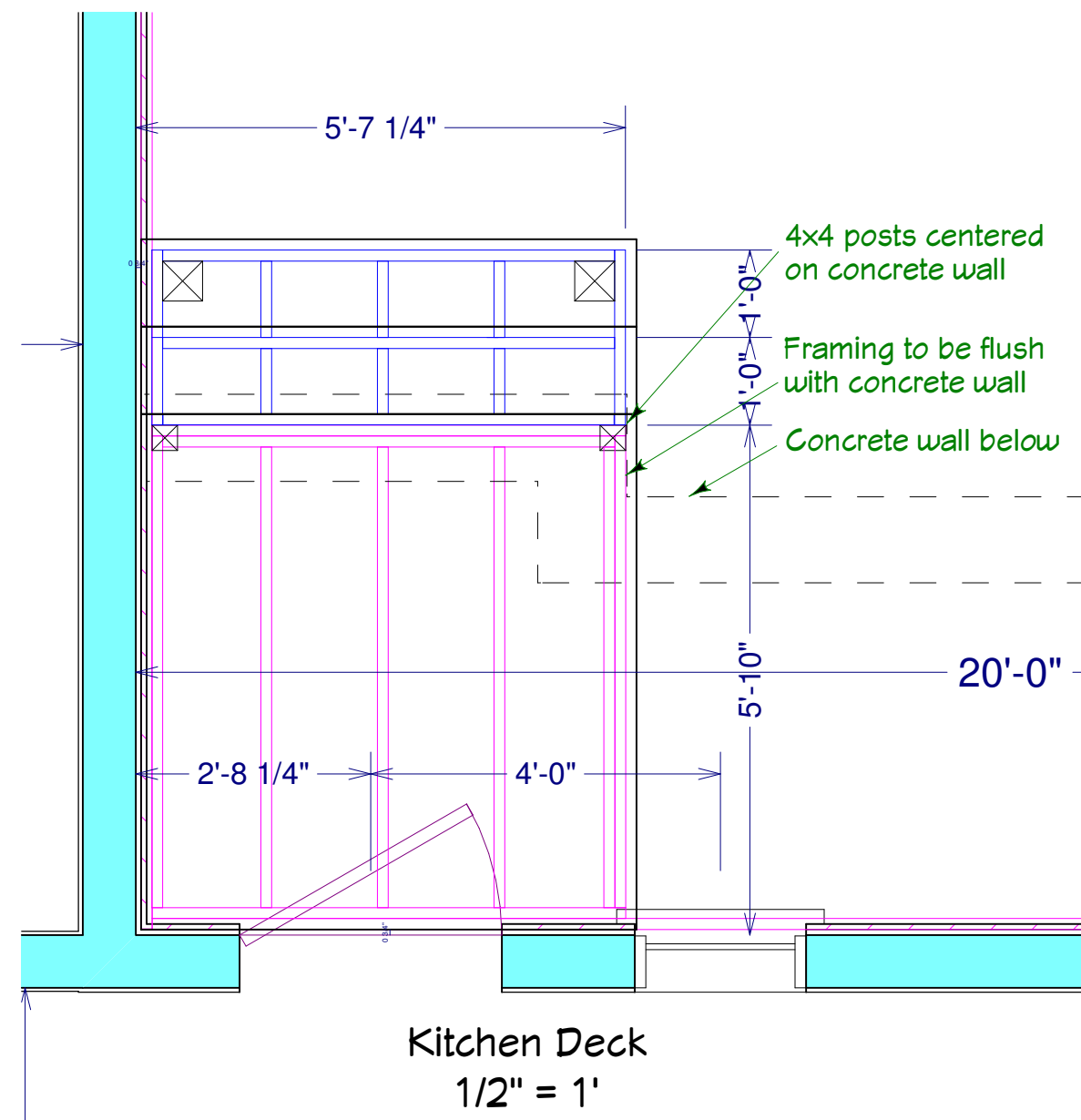


East Parish Hall Deck
1/2" = 1'



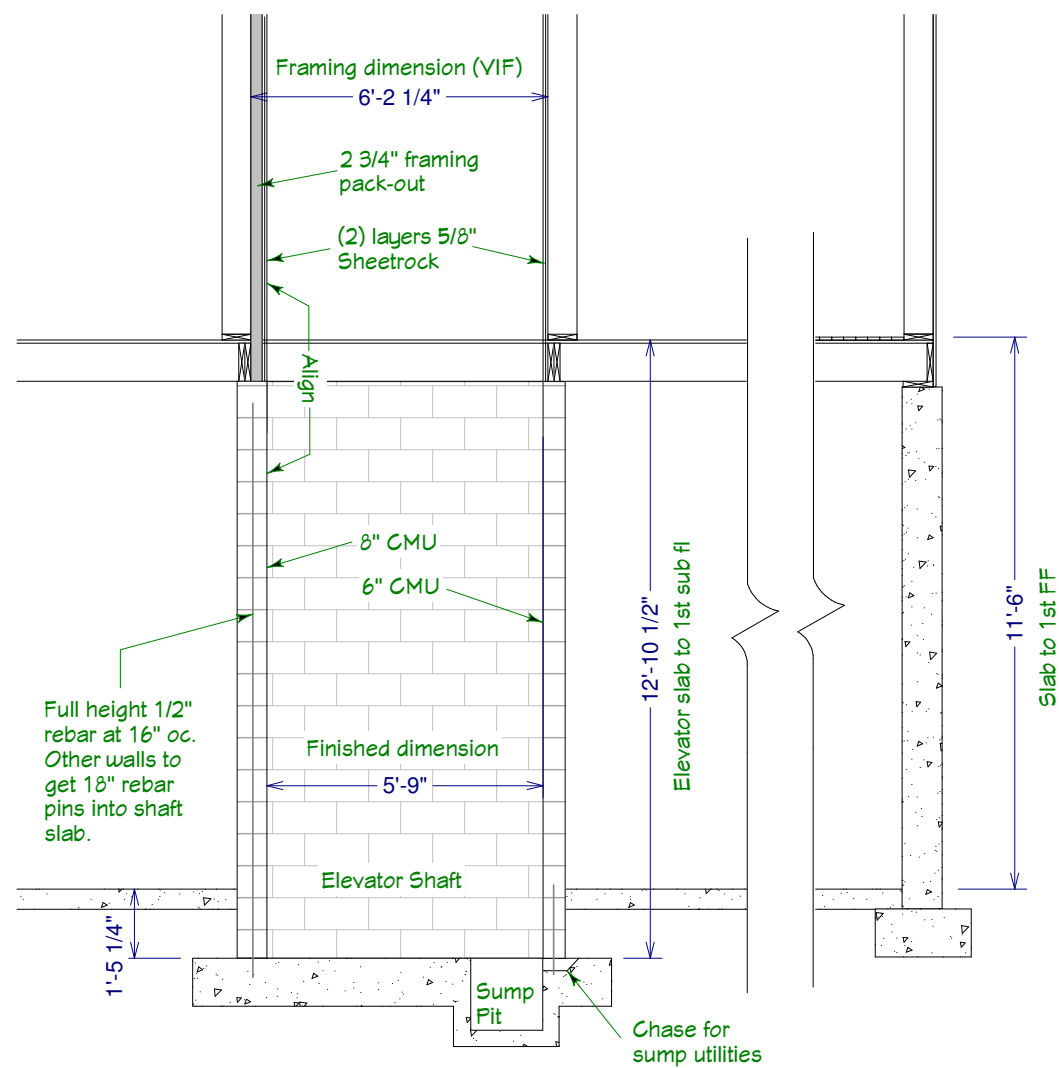
Note: This plan shows a 2 1/4" difference between the edge of the framing and the edge of the decking/treads. This is due to various drawings on the Arch set which show a cove under the bull nose vs. no cove. If no cove is to be used (as per the majority of the Arch drawings), then the framing will be packed out.

East Parish Hall Deck
1/2" = 1'

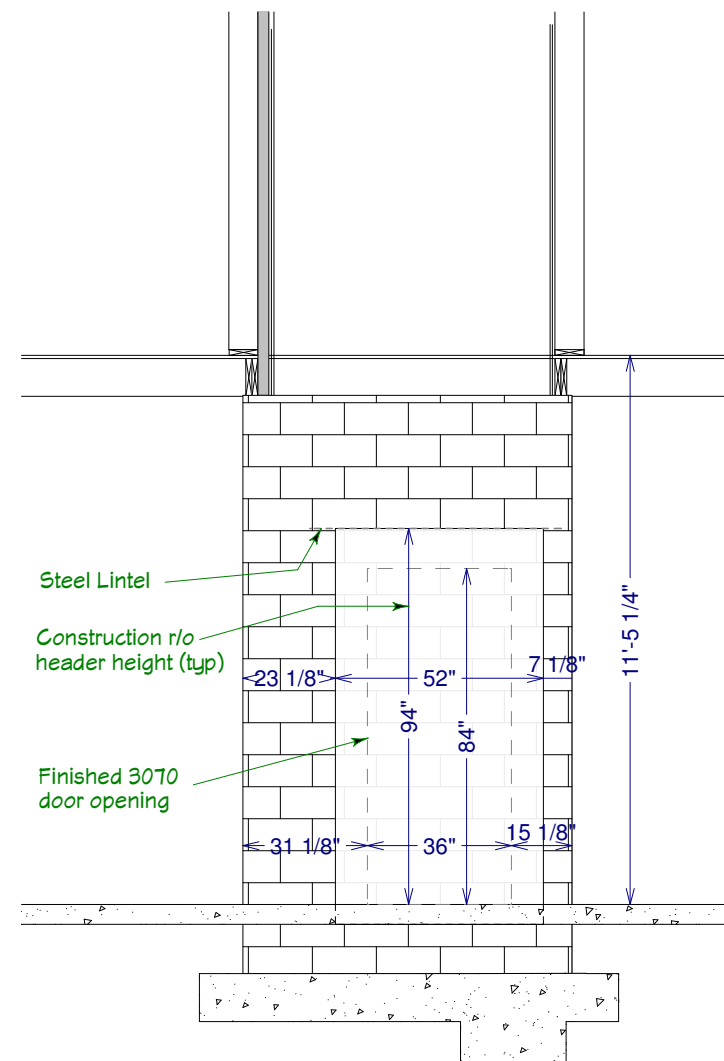


Kitchen Deck
1/2" = 1'

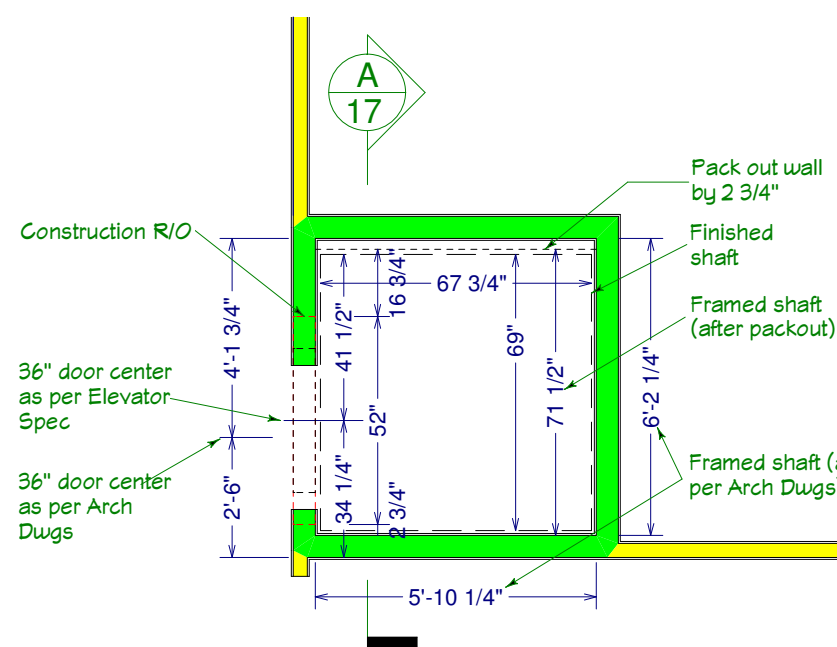
St. Lukes Church 18 James Lane, EH, NY Parish House Addition Deck Details	Revisions/Additions 10/15/07: wndw forms 1/4/08: column dtls 3/24/08: roof details 3/24/08: truss details 4/16/08: elevator 4/17/08: framing dtls 4/30/08: truss col dtls 5/15/08: deck details 5/22/08: stair/landing	Copyright (c) 2008. All rights reserved. David A. Webb, Inc. Design, Drafting, Engineering, General Contracting 516 - 982 - 8502		
	Date 9/21/07	Drawn by DW	Scale (as specified)	Sheet 16



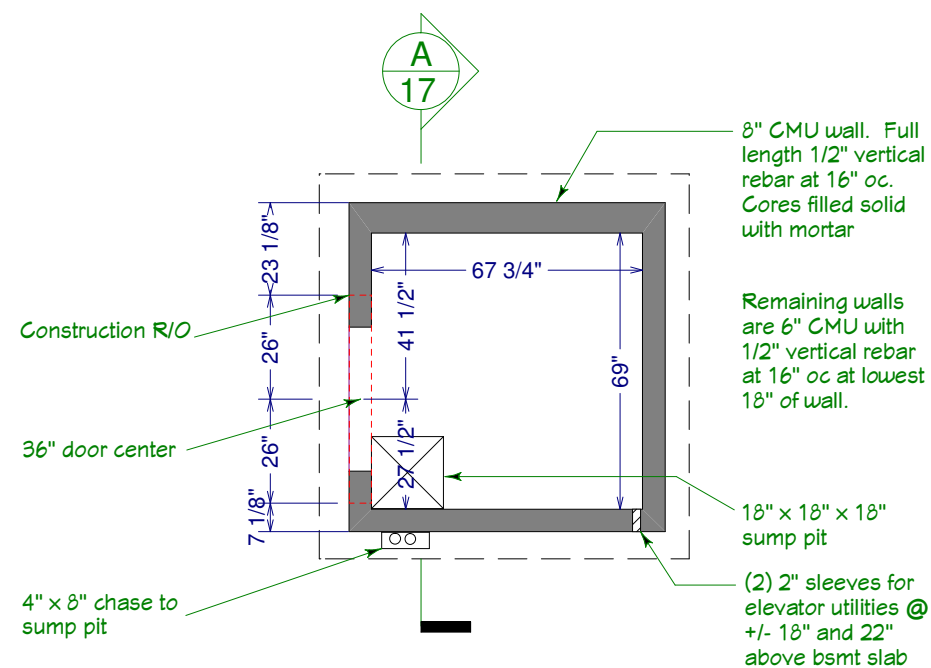
Section A (1/4" = 1')



Bmsmt shaft elevation (1/4" = 1')

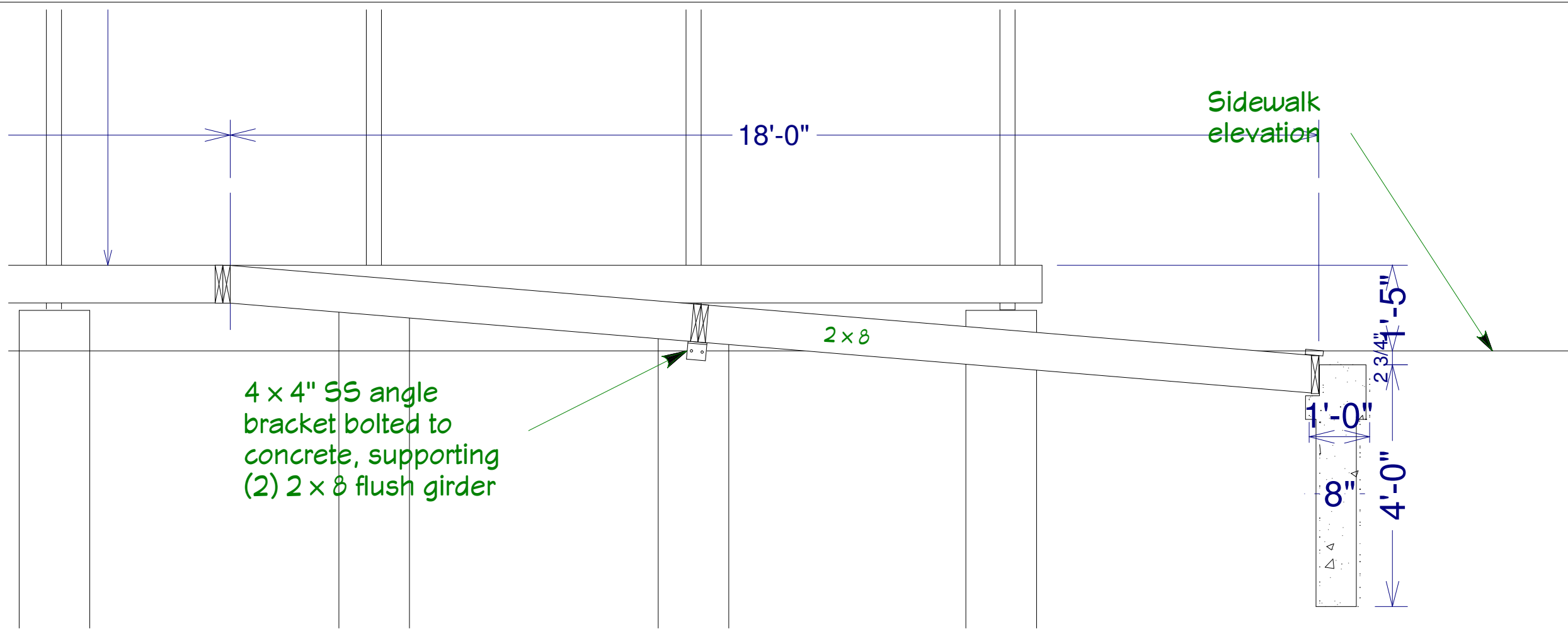


1st FL Shaft Plan (1/4" = 1')



Bsmt Shaft Plan (1/4" = 1')

<p>St. Lukes Church 18 James Lane, EH, NY</p> <p>Parish House Addition</p>	<p>Revisions/Additions</p> <p>10/15/07: wndw forms 1/4/08: column dtls 3/24/08: roof details 3/24/08: truss details 4/16/08: elevator 4/17/08: framing dtls 4/30/08: truss col dtls 5/15/08: deck details 5/22/08: stair/landing</p>	<p>Copyright (c) 2008. All rights reserved.</p> <p>David A. Webb, Inc. Design, Drafting, Engineering, General Contracting 516 - 982 - 8502</p>	
	<p>9/21/07</p>	<p>Drawn by DW</p>	<p>Scale (as specified)</p>
<p>Elevator Shaft Details</p>			



4 x 4" SS angle
bracket bolted to
concrete, supporting
(2) 2 x 8 flush girder

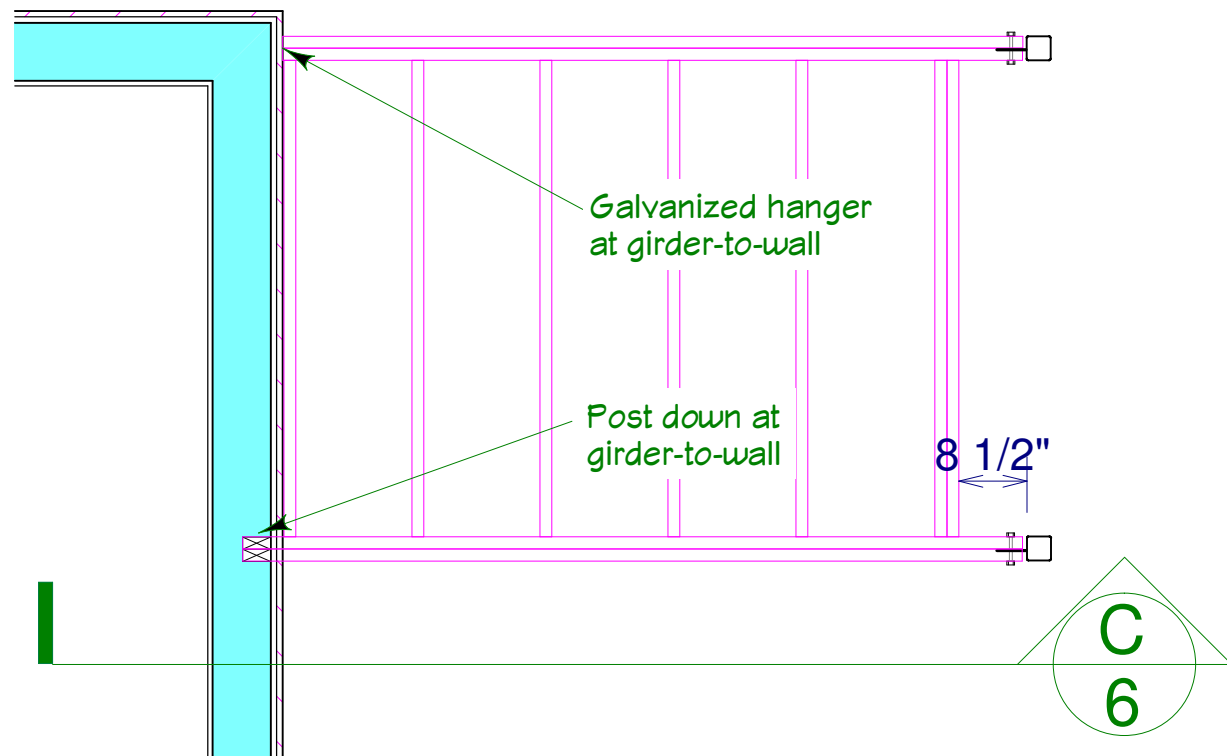
Sidewalk
elevation

18'-0"

2 x 8

1'-0"
2 3/4"
4'-0"
1'-5"

Section A - East Ramp framing
1/2" = 1'



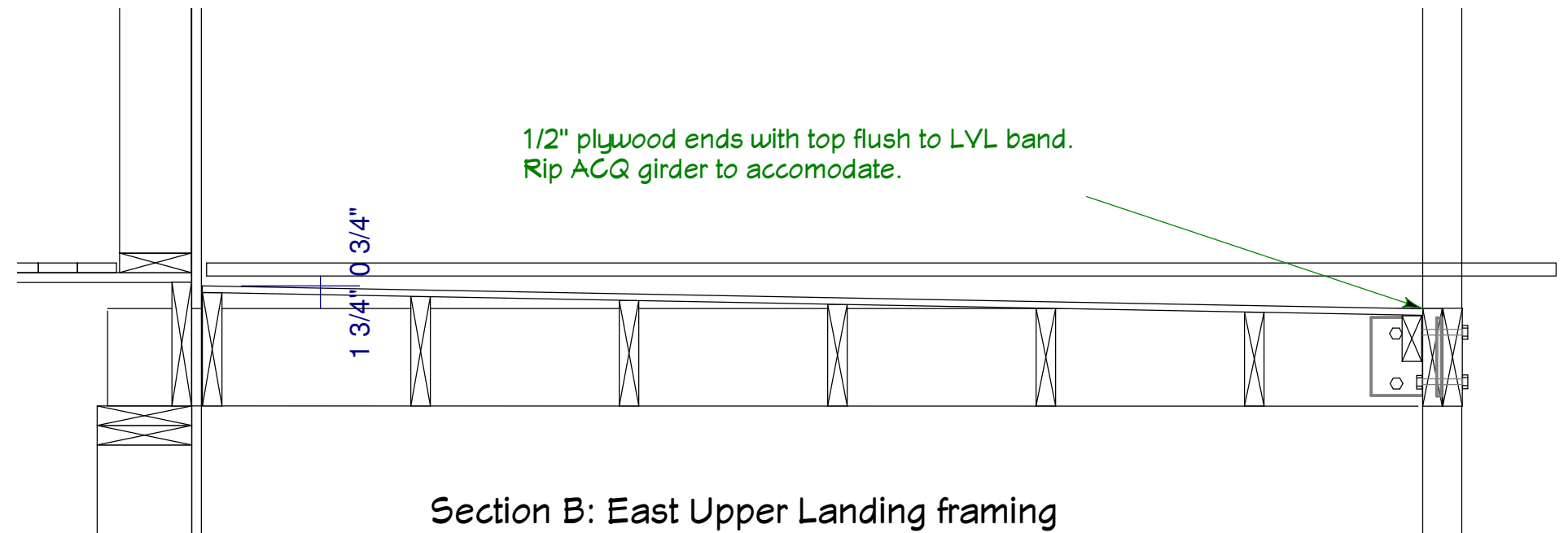
East Mid Landing framing
1/2" = 1'

Galvanized hanger
at girder-to-wall

Post down at
girder-to-wall

8 1/2"

C
6

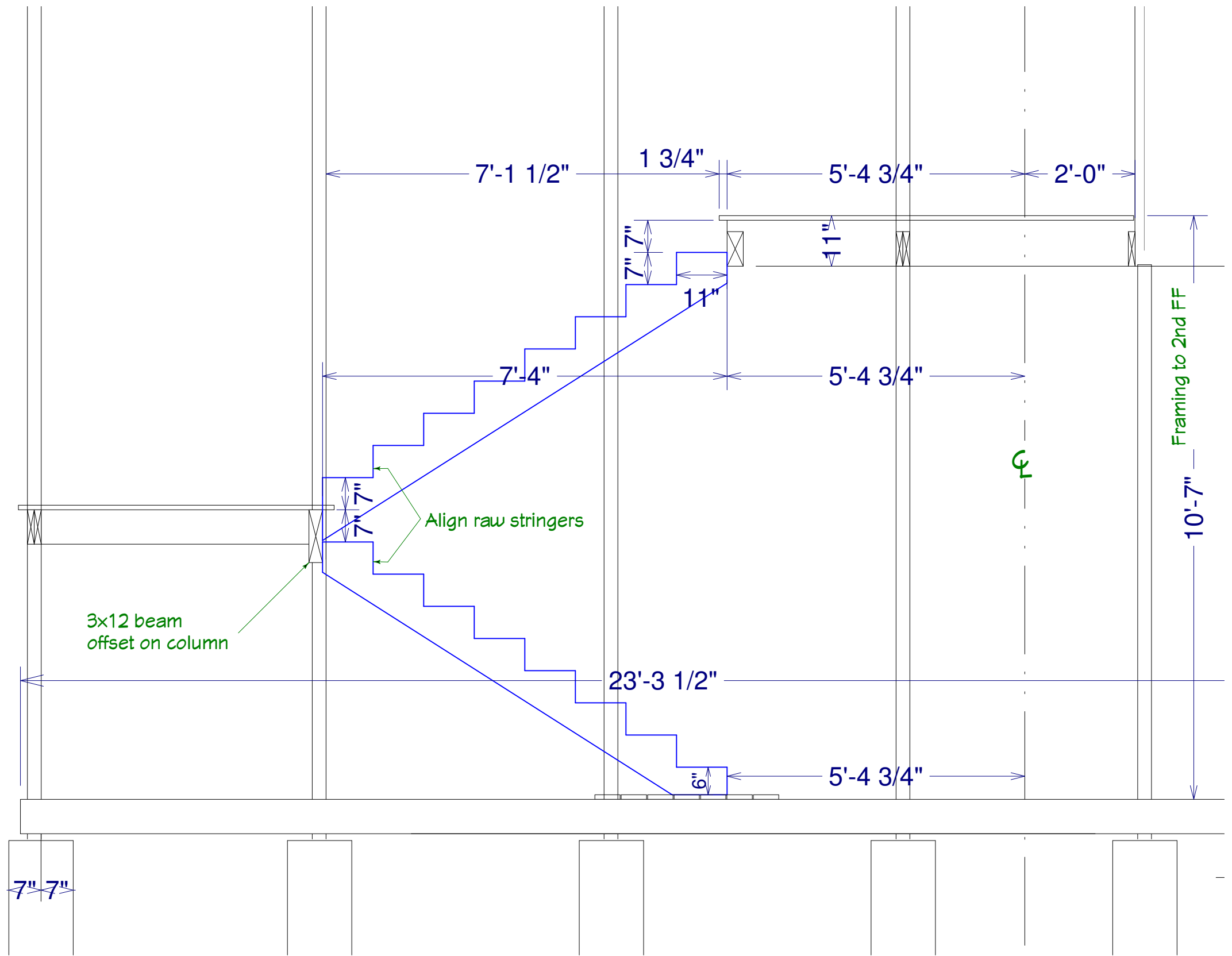
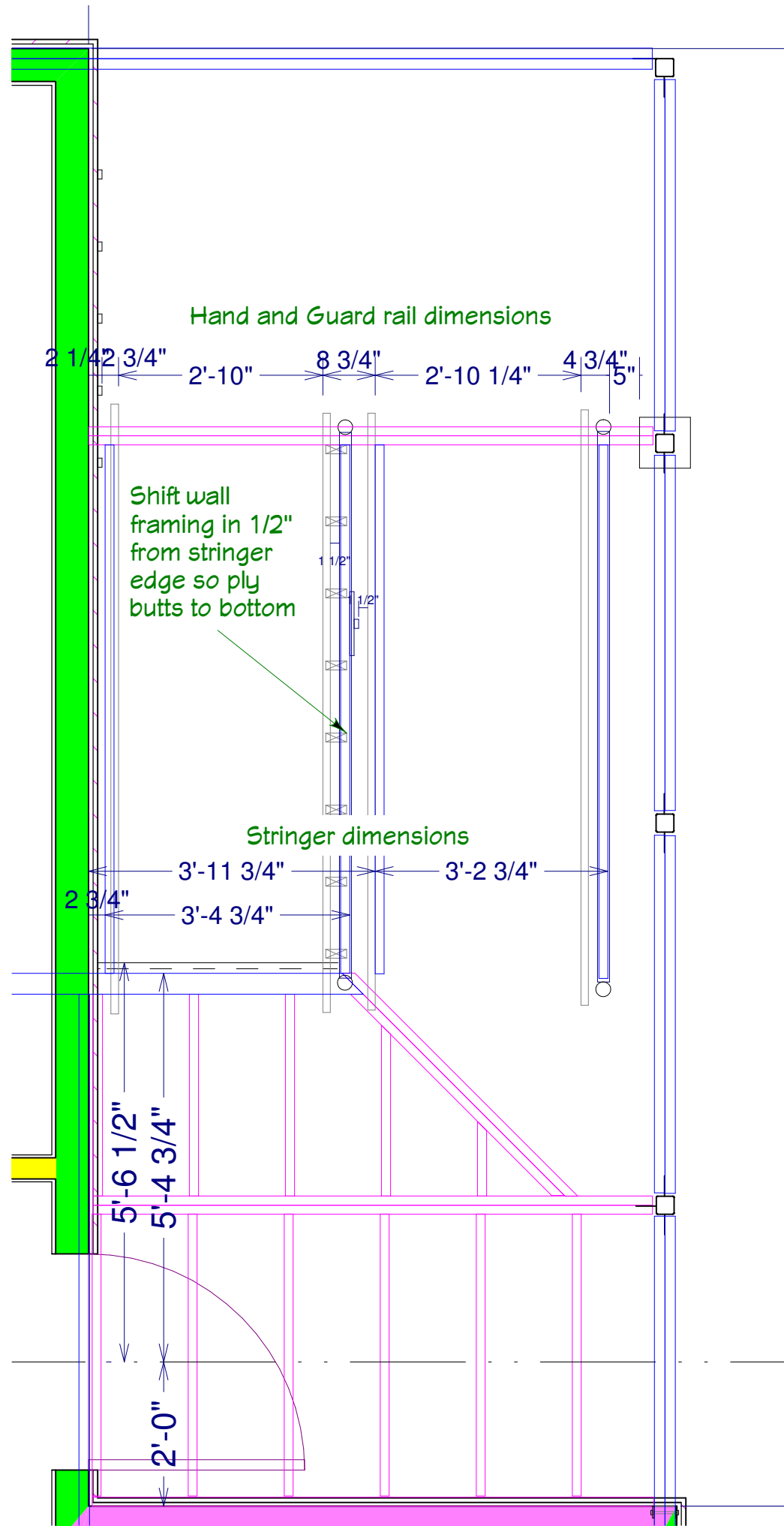


Section B: East Upper Landing framing
1" = 1'

1/2" plywood ends with top flush to LVL band.
Rip ACQ girder to accomodate.

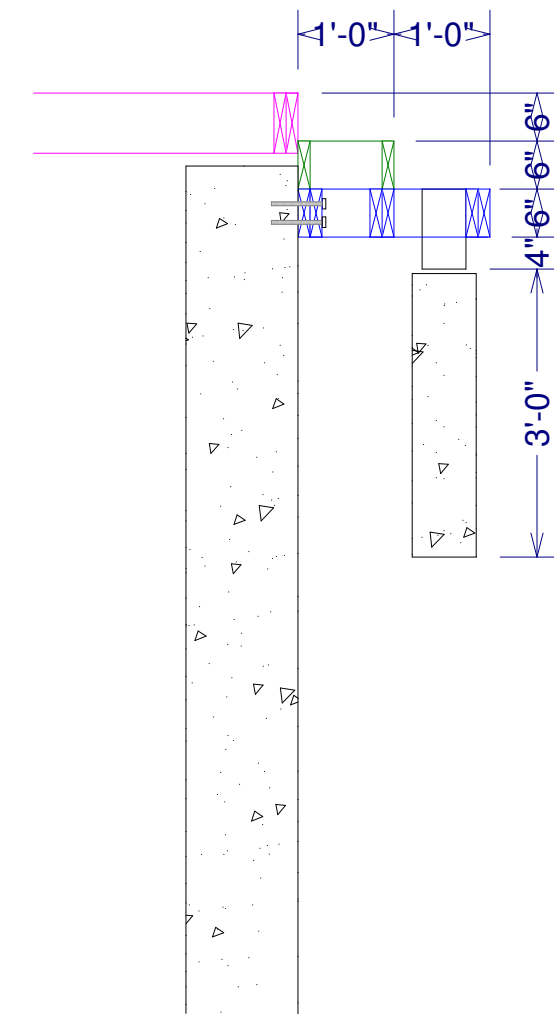
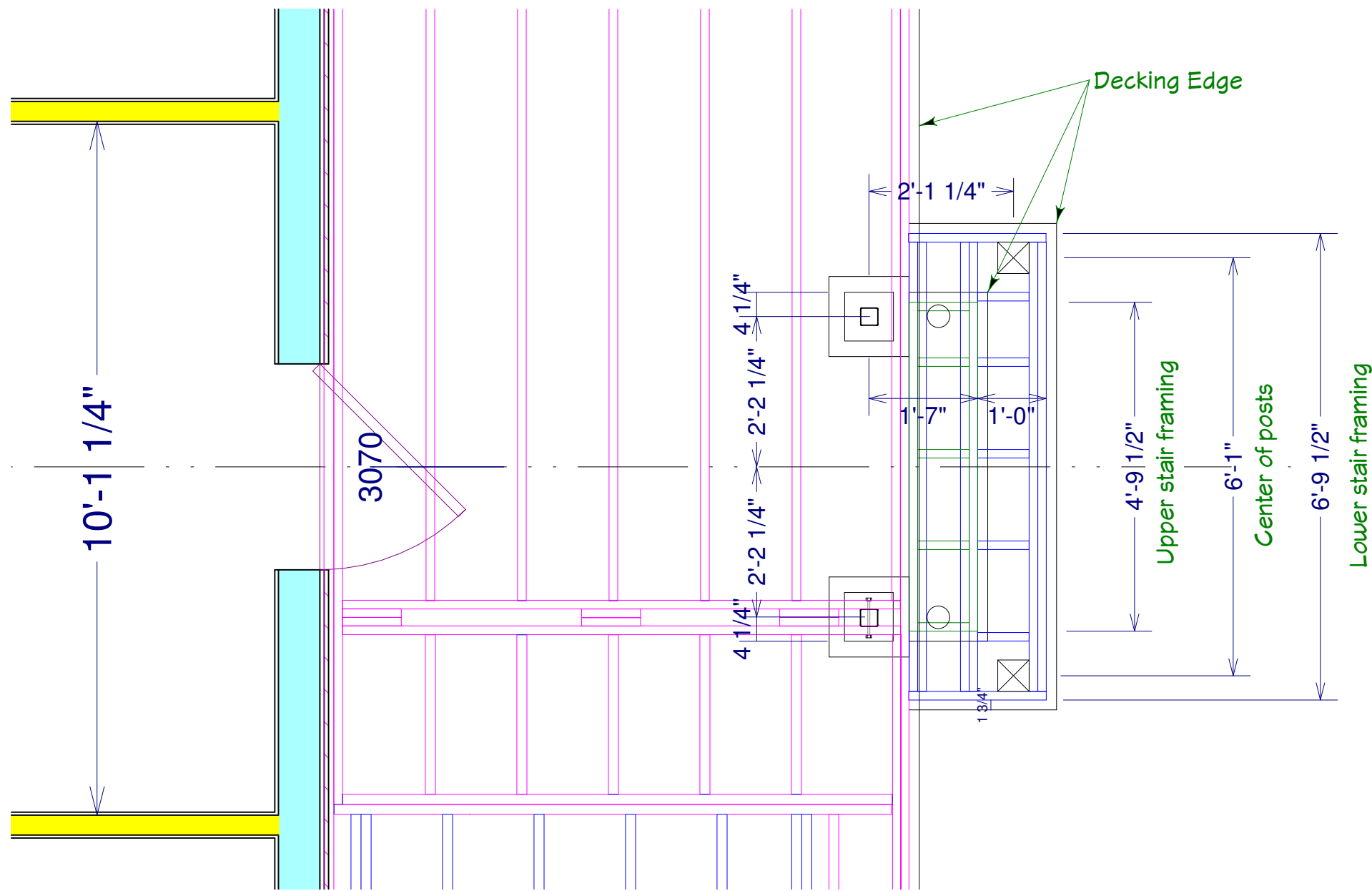
1 3/4" x 10 3/4"

St. Lukes Church 18 James Lane, EH, NY Parish House Addition East Deck Details	Revisions/Additions 10/15/07: wndw forms 1/4/08: column dtls 3/24/08: roof details 3/24/08: truss details 4/16/08: elevator 4/17/08: framing dtls 4/30/08: truss col dtls 5/15/08: deck details 5/22/08: stair/landing	Copyright (c) 2008. All rights reserved. David A. Webb, Inc. Design, Drafting, Engineering, General Contracting 516 - 982 - 8502	
	Date 9/21/07	Drawn by DW	Scale (as specified)



Section A
Scale: 1/2" = 1'

St. Lukes Church 18 James Lane, EH, NY Parish House Addition East Deck Stairs	Revisions/Additions 10/15/07: wndw forms 1/4/08: column dtls 3/24/08: roof details 3/24/08: truss details 4/16/08: elevator 4/17/08: framing dtls 4/30/08: truss col dtls 5/15/08: deck details 5/22/08: stair/landing	Copyright (c) 2008. All rights reserved. David A. Webb, Inc. Design, Drafting, Engineering, General Contracting 516 - 982 - 8502	
	Date 9/21/07	Drawn by DW	Scale (as specified)



St. Lukes Church 18 James Lane, EH, NY Parish House Addition East Deck Steps	Revisions/Additions 10/15/07: wndw forms 1/4/08: column dtls 3/24/08: roof details 3/24/08: truss details 4/16/08: elevator 4/17/08: framing dtls 4/30/08: truss col dtls 5/15/08: deck details 5/22/08: stair/landing	Copyright (c) 2008. All rights reserved. David A. Webb, Inc. Design, Drafting, Engineering, General Contracting 516 - 982 - 8502									
	<table border="1"> <thead> <tr> <th>Date</th> <th>Drawn by</th> <th>Scale</th> <th>Sheet</th> </tr> </thead> <tbody> <tr> <td>9/21/07</td> <td>DW</td> <td>(as specified)</td> <td>20</td> </tr> </tbody> </table>	Date	Drawn by	Scale	Sheet	9/21/07	DW	(as specified)	20		
Date	Drawn by	Scale	Sheet								
9/21/07	DW	(as specified)	20								