



# ARCHITECTURAL REVIEW BOARD AGENDA

**March 10, 2025 at 4:00 PM**

**City Hall, 3rd Floor - Council Chambers, 828 Center Avenue,  
Sheboygan, WI**

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Persons with disabilities who need accommodations to attend this meeting should contact the Department of City Development, (920) 459-3377. Persons other than commission, committee, and board members who wish to participate remotely shall provide notice to the City Development Department at 920-459-3377 at least 24 hours before the meeting so that the person may be provided a remote link for that purpose.

## OPENING OF MEETING

1. Roll Call
2. Pledge of Allegiance
3. Identify Potential Conflict of Interest

## MINUTES

4. Approval of minutes from February 24, 2025 meeting.

## ITEMS FOR DISCUSSION AND POSSIBLE ACTION

5. Construction of a new metal pole building at Vollrath Co. located at 1236 N 18th St.

## NEXT MEETING

6. March 24, 2025

## ADJOURN

7. Motion to Adjourn

***In compliance with Wisconsin's Open Meetings Law, this agenda was posted in the following locations more than 24 hours prior to the time of the meeting:***

*City Hall • Mead Public Library  
Sheboygan County Administration Building • City's website*

**CITY OF SHEBOYGAN**

**ARCHITECTURAL REVIEW BOARD MINUTES**

**Monday, February 24, 2025**

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**Members Present:** Joe Clarke, Jerry Jones, Robert Heimerl and Dave Aldag

**Excused:** Richard Linde, Pam Langan and Alderperson Zachary Rust

**Staff/Officials:** Associate Planner Ellise Rose and Building Inspection Specialist Linnae Wierus

**OPENING OF MEETING**

1. Roll Call

Chair Joe Clarke called the meeting to order at 4:00 PM.

2. Pledge of Allegiance

The Pledge of Allegiance was recited.

3. Identify Potential Conflict of Interest

No committee member had a conflict of interest.

**MINUTES**

4. Approval of minutes from January 27, 2025 meeting.

MOTION TO APPROVE THE MINUTES OF THE PREVIOUS MEETING HELD ON JANUARY 27, 2025.

Motion made by Dave Aldag, seconded by Jerry Jones

Voting yea: Joe Clarke, Jerry Jones, Robert Heimerl and Dave Aldag

Motion carried.

**ITEMS FOR DISCUSSION AND POSSIBLE ACTION**

5. Construction of a new multi-tenant convenience store and service station located at parcel #59281431172.

MOTION TO APPROVE AS PRESENTED.

Motion made by Dave Aldag, seconded by Jerry Jones

Voting yea: Joe Clarke, Jerry Jones, Robert Heimerl and Dave Aldag

Motion carried.

6. Construction of a building addition at Old World Creamery located at 1606 Erie Ave

MOTION TO APPROVE AS PRESENTED.

Motion made by Dave Aldag, seconded by Jerry Jones

Voting yea: Joe Clarke, Jerry Jones, Robert Heimerl and Dave Aldag

Motion carried.

**NEXT MEETING**

7. March 10, 2025

The next scheduled meeting is March 10, 2025.

**ADJOURN**

8. Motion to Adjourn

MOTION TO ADJOURN AT 4:15 PM.

Motion made by Dave Aldag, seconded by Jerry Jones

Voting yea: Joe Clarke, Jerry Jones, Robert Heimerl and Dave Aldag

Motion carried.

**CITY OF SHEBOYGAN**

**REQUEST FOR ARCHITECTURAL REVIEW BOARD CONSIDERATION**

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**ITEM DESCRIPTION:** Construction of a new metal pole building at Vollrath Co. located at 1236 N 18<sup>th</sup> St.

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**REPORT PREPARED BY:** Ellise Rose, Associate Planner

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**REPORT DATE:** February 28, 2025

**MEETING DATE:** March 10, 2025

**FISCAL SUMMARY:**

**STATUTORY REFERENCE:**

Budget Line Item: N/A  
Budget Summary: N/A  
Budgeted Expenditure: N/A  
Budgeted Revenue: N/A

Wisconsin Statutes: N/A  
Municipal Code: N/A

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**BACKGROUND / ANALYSIS:**

Abacus Architects is proposing to construct a new metal pole building at Vollrath Co located at 1236 N 18<sup>th</sup> St. The applicant states the following:

- Vollrath Co., Inc. is constructing a new 40' x 60' metal pole building on their existing parcel to be used for storage in place of area (building) to be removed as part of a master plan for new building structure(s).
- The structure itself is a pre-engineered metal pole building.
- This type of architectural design will match existing buildings in the Vollrath campus and surrounding buildings such as S.E.A.S. on the north east corner of 18<sup>th</sup> St and Superior.
- This is required as they prepare for new and improve existing building areas to accommodate future growth.

**STAFF COMMENTS:**


It appears that the new building will match the look and feel of the existing buildings.

**ACTION REQUESTED:**

Motion to approve with possible amendments as determined by the Board.

**ATTACHMENTS:**

Architectural Review Board Application and required attachments.

	<b>CITY OF SHEBOYGAN</b>  <b>ARCHITECTURAL REVIEW APPLICATION</b>	Fee: _____  Review Date: _____
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Read all instructions before completing. If additional space is needed, attach additional pages.

**SECTION 1: Applicant/ Permittee Information**

Name (Ind., Org. or Entity) <b>KURT DAVIS - ABACUS</b>	Authorized Representative <b>KURT DAVIS</b>	Title <b>ARCHITECT</b>	
Mailing Address <b>1135A MICHIGAN AVE.</b>	City <b>SHEBOYGAN</b>	State <b>WI</b>	ZIP Code <b>53081</b>
Email Address <b>KDAVIS@ABACUSARCHITECTS.NET</b>	Phone Number (incl. area code) <b>920-207-4829</b>		

**SECTION 2: Landowner Information (Complete These Fields When Project Site Owner is Different than Applicant)**

Name (Ind., Org. or Entity) <b>VOURATH CO., LLC</b>	Contact Person <b>GARY SAUER</b>	Title <b>FACILITIES DIRECTOR</b>	
Mailing Address <b>1236 NORTH 18th P.O. 611</b>	City <b>SHEBOYGAN</b>	State <b>WI</b>	ZIP Code <b>53081</b>
Email Address <b>GARY.SAUER@VOURATHCO.COM</b>	Phone Number (incl. area code) <b>1-920-459-5205</b>		

**SECTION 3: Architect Information**

Name <b>KURT DAVIS</b>			
Mailing Address <b>1135A MICHIGAN</b>	City <b>SHEBOYGAN</b>	State <b>WI</b>	Zip <b>53081</b>
Email Address <b>KDAVIS@ABACUSARCHITECTS.NET</b>	Phone Number (incl. area code) <b>920-207-4829</b>		

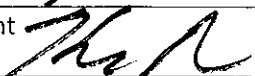
**SECTION 4: Contractor Information**

Name <b>TBD</b>			
Mailing Address	City	State	Zip
Email Address	Phone Number (incl. area code)		

**SECTION 5: Certification and Permission**

**Certification:** I hereby certify that I am the owner or authorized representative of the owner of the property which is the subject of this Architectural Review Application. I certify that the information contained in this form and attachments are true and accurate. I certify that the project will be in compliance with all conditions. I understand that failure to comply with any or all of the provisions of the permit may result in permit revocation and a fine and/or forfeiture under the provisions of applicable laws.

**Permission:** I hereby give the City permission to enter and inspect the property at reasonable times, to evaluate this notice and application, and to determine compliance with any resulting permit coverage.

Name of Owner/Authorized Representative (please print) <b>KURT DAVIS</b>	Title <b>ARCHITECT</b>	Phone Number <b>920-207-4829</b>
Signature of Applicant 		Date Signed <b>2-17-25</b>

Complete application is to be filed with the Department of City Development, 828 Center Avenue, Suite 208. To be placed on the agenda of the Architectural Review Board, application must be filed three weeks prior to date of meeting - check with City Development on application submittal deadline date. Applications will not be processed if all required attachments and filing fee of \$100 (payable to the City of Sheboygan) are not submitted along with a complete and legible application. Application filing fee is non-refundable.

**SECTION 6: Description of the Subject Site/Proposed Project**

Project Address/Description

1236 N 18<sup>th</sup> STREET

Parcel No.

59281214074

Name of Proposed/Existing Business:

VOLLRATH CO., INC.

Address of Property Affected:

1236 N<sup>th</sup> 18<sup>th</sup> ST. SHEBOYGAN, WI 53081

Zoning Classification:

SUBURBAN - INDUSTRIAL

New Building: Addition: Remodeling: **SECTION 7: Description of Proposed Project**

VOLLRATH CO., INC. IS CONSTRUCTING A NEW 40' X 60' METAL POLE BUILDING ON EXISTING PARCEL TO BE USED FOR STORAGE IN PLACE OF AREA (BUILDING) TO BE REMOVED AS PART OF A MASTER PLAN FOR NEW BUILDING STRUCTURE(S)

**SECTION 8: Description of EXISTING Exterior Design and Materials**

N/A

**SECTION 9: Description of the PROPOSED Exterior Design and Materials**

CLEARLY BUILDING SYSTEMS PLANS ARE ATTACHED TO THIS APPLICATION. EXTERIOR WALL, ROOF FINISHES ARE INCLUDED.



February 18<sup>th</sup>, 2025

City of Sheboygan  
828 Center Avenue  
Sheboygan, WI 53081

**ARCHITCTURAL PLAN REVIEW**

*The Vollrath Company, Inc. – Pole Building  
Sheboygan, WI*

**PROJECT DESCRIPTION**

The Vollrath Co., Inc. will be constructing a new Metal Pole Building (approx. 40' x 60') on their property to accommodate storage needs for equipment. This is required as they prepare for new and improve existing building areas to accommodate future growth.

The structure itself is a Pre-Engineered Metal Pole Building (plans attached). This type of Architectural Design will match existing buildings on the Vollrath Campus and surrounding buildings such as S.E.A.S. on the Northeast corner of 18<sup>th</sup> and Superior Avenue.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kurt Davis', is written over a light gray rectangular background.

Kurt Davis, Vice President  
Abacus Architects, Inc.



P.O Box 930220  
Verona, WI 53593-0220  
Phone: (608) 845-9700  
Fax: (608) 845-7070

1/15/2025  
CHAPPA, TYLER  
Doc ID: 21183220250115125039

## Cleary/Owner Project Proposal - Material Only

### Roof Finish and Accessories for Building 1

#### Exterior Finishes

Roof: Premium Steel Panel  
- Lifetime Film Integrity Warranty, 35 Year Fade and Chalk Warranty, and G-90 Galvanizing Up to 1.0 ounce of Zinc Protection.

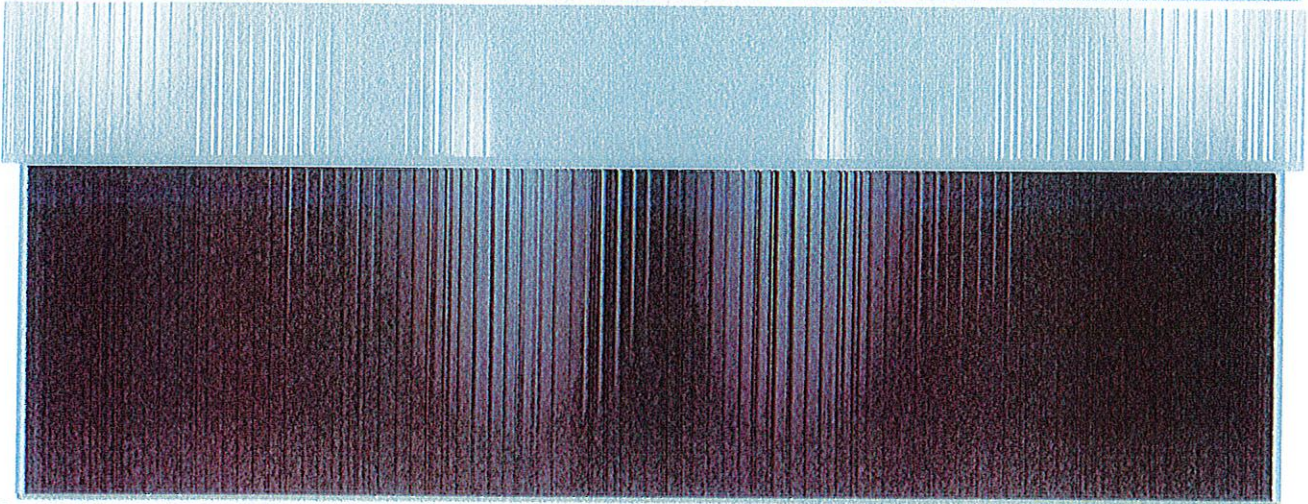
#### Ventilation

Roof  
Ridge Cap(s):  
62' 0" of Standard Ridge Cap. Marco LP2 Weather-Tite Ridge Vent "Low Profile" (Add ventilation to ridge).

#### Accessories

Roof  
Condensation Control for Building 1: None  
  
Weathervane: Cleary weathervane not included with building

### Elevations for Building 1



South Side Wall 1 on Building 1

Note: These colors are as close to the actual colors as permitted by printing. Actual metal samples must be reviewed with your Sales Specialist. Colors vary depending upon position and angles.

#### Exterior Finishes

Side Wall 1 on Building 1  
Siding: Premium Steel Panel  
- Lifetime Film Integrity Warranty, 35 Year Fade and Chalk Warranty, and G-90 Galvanizing Up to 1.0 ounce of Zinc Protection.  
House Wrap: None  
Wainscot: None  
Eave Filler Strips: None





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### Cleary/Owner Project Proposal - Material Only

Treated Plank Filler Strips: None

**Ventilation**

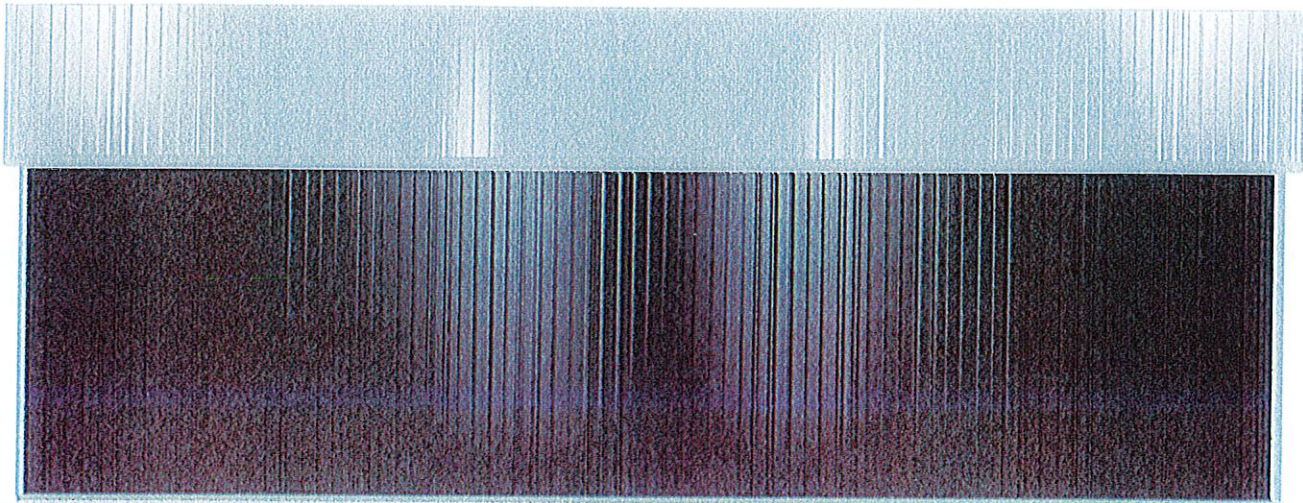
Side Wall 1 on Building 1  
Overhang: 12" Aluminum soffit (Sidewall) with vented soffit  
Bird Screening for the interior to prevent birds from nesting in overhang.

**Accessories**

Side Wall 1 on Building 1  
None

**Interior Finishes / Insulation**

Side Wall 1 on Building 1  
Condensation Control: None  
Insulation: None



**North Side Wall 2 on Building 1**

Note: These colors are as close to the actual colors as permitted by printing. Actual metal samples must be reviewed with your Sales Specialist. Colors vary depending upon position and angles.

**Exterior Finishes**

Side Wall 2 on Building 1  
Siding: Premium Steel Panel  
- Lifetime Film Integrity Warranty, 35 Year Fade and Chalk Warranty, and G-90 Galvanizing Up to 1.0 ounce of Zinc Protection.  
House Wrap: None  
Wainscot: None  
Eave Filler Strips: None  
Treated Plank Filler Strips: None

**Ventilation**

Side Wall 2 on Building 1  
Overhang: 12" Aluminum soffit (Sidewall) with vented soffit  
Bird Screening for the interior to prevent birds from nesting in overhang.

**Accessories**



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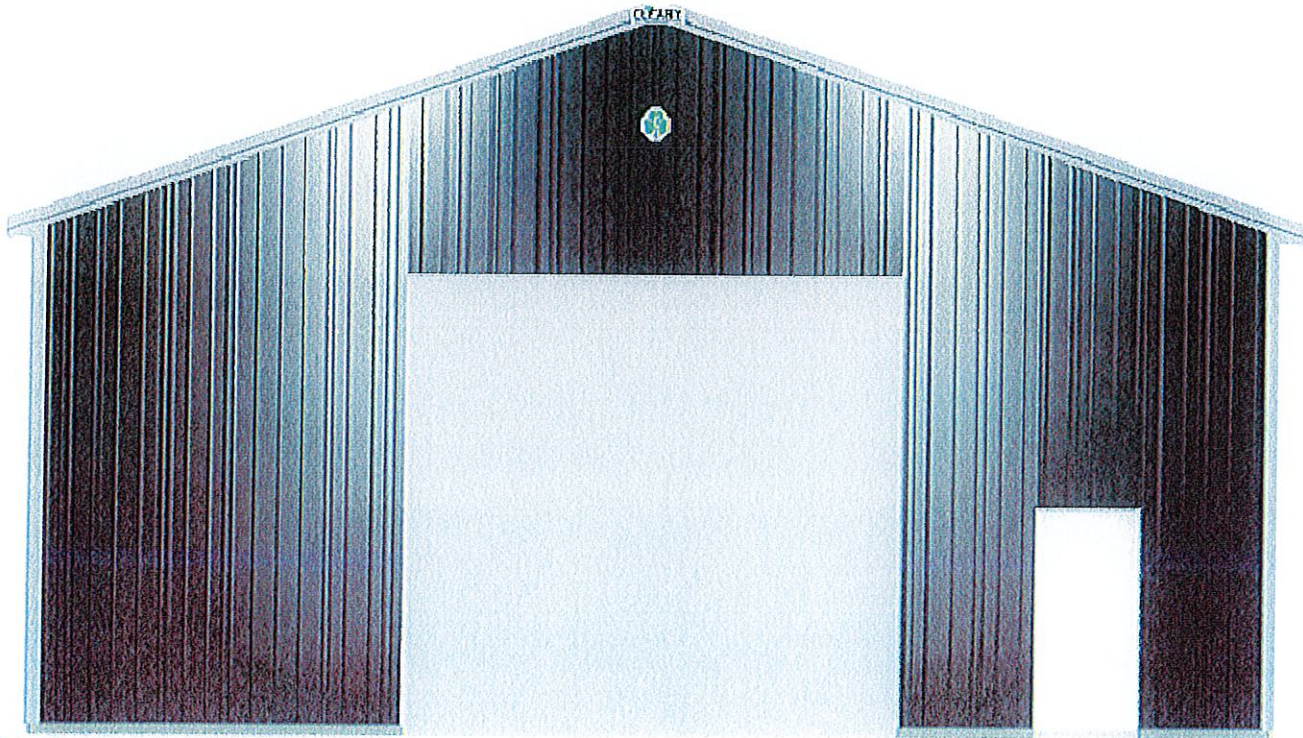
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### Cleary/Owner Project Proposal - Material Only

Side Wall 2 on Building 1  
None

**Interior Finishes / Insulation**

Side Wall 2 on Building 1  
Condensation Control: None  
Insulation: None



**East End Wall 1 on Building 1**

Note: These colors are as close to the actual colors as permitted by printing. Actual metal samples must be reviewed with your Sales Specialist. Colors vary depending upon position and angles.

**Exterior Finishes**

End Wall 1 on Building 1  
Siding: Premium Steel Panel  
- Lifetime Film Integrity Warranty, 35 Year Fade and Chalk Warranty, and G-90 Galvanizing Up to 1.0 ounce of Zinc Protection.  
House Wrap: None  
Wainscot: None  
Gable Filler Strips: Gable filler strips not included.  
Treated Plank Filler Strips: None

**Ventilation**

End Wall 1 on Building 1  
Overhang: 12" Aluminum soffit (Endwall) with vented soffit

C-110  
v12/10

*built with pride before the  is applied<sup>®</sup>*



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## Cleary/Owner Project Proposal - Material Only

### Accessories

End Wall 1 on Building 1

Overhead Frame Out(s):

16' 0" Width x 14' 0" Height

Headroom Available: 1' 10"

Additional Header material required: Overhead Frame Out with 13" to 20" of Required Headroom without Liner

Distance from left edge of wall to left edge: 12' 0 1/4"

Distance from 100'+0" mark to bottom of the overhead frame out plus: 4"

Inside edge of overhead frame out to be trimmed with door edge.

**OVERHEAD DOOR NOT INCLUDED UNLESS OTHERWISE NOTED IN WRITING IN THE ADDITIONAL BUILDING COMPONENTS OR CLOPAY BUILDING PRODUCTS SECTION.**

Walk Door(s):

Standard, Steel Jamb 3 1/2" 3'-0"x6'-8"

Distance from left edge of wall to left edge: 32' 7"

Distance from 100'+0" mark to bottom of door plus: 4"

Anchor: ANCHOR KIT (WOOD)

Closer: No Closer

Dead Bolt: Key/Latch

Door Chain: No Chain

Embossment: No Embossment

Frame: 2x6

Hinge: 4" 304 STAINLESS STEEL FIXED PIN

Jamb: 3 1/2" Jamb

Kick Plate: No Kick Plate

Latch Guard: No Latch Guard

Latch: None

Lockset: Knob/Knob

Panic Hardware: No Panic Hardware

Skin: Blank

Swing: Right Hand Swing In Single Door

Window: None

Keyed Alike. Group 1

### Interior Finishes / Insulation

End Wall 1 on Building 1

Condensation Control: None

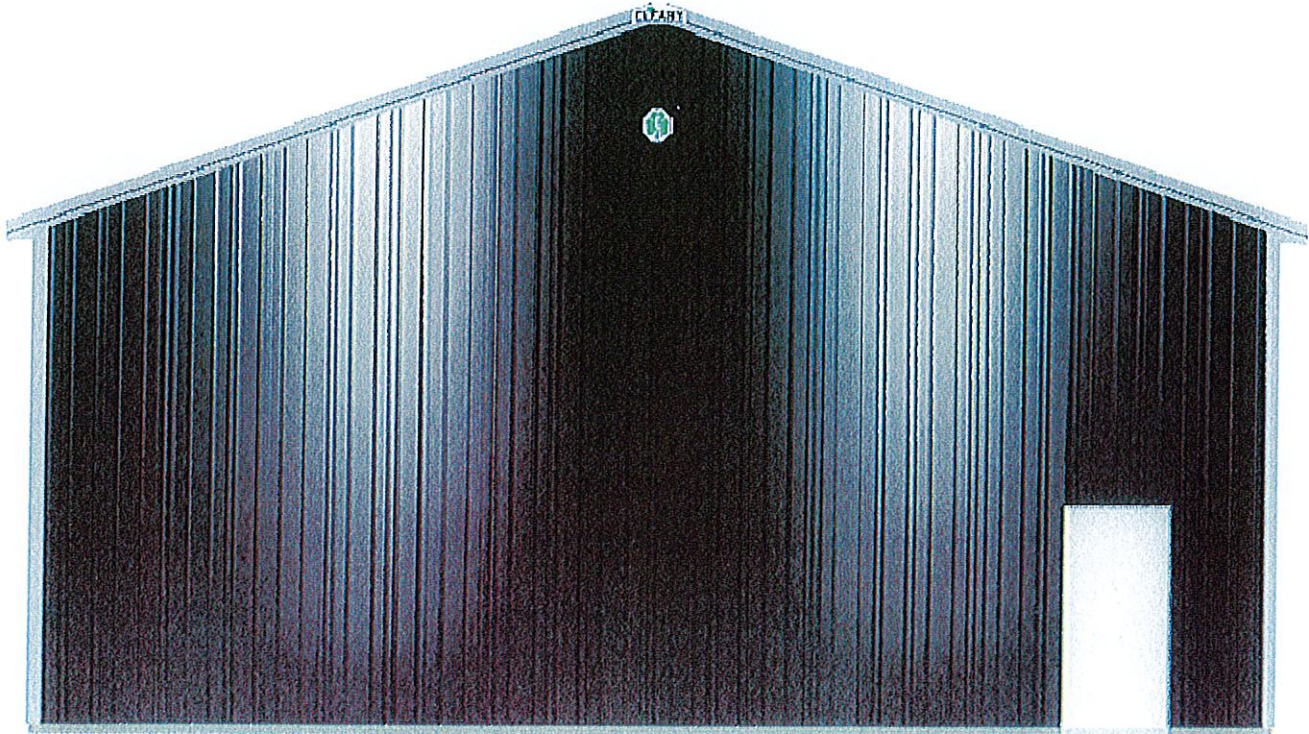
Insulation: None



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## Cleary/Owner Project Proposal - Material Only



West End Wall 2 on Building 1

Note: These colors are as close to the actual colors as permitted by printing. Actual metal samples must be reviewed with your Sales Specialist. Colors vary depending upon position and angles.

### Exterior Finishes

End Wall 2 on Building 1

Siding: Premium Steel Panel

- Lifetime Film Integrity Warranty, 35 Year Fade and Chalk Warranty, and G-90 Galvanizing Up to 1.0 ounce of Zinc Protection.

House Wrap: None

Wainscot: None

Gable Filler Strips: Gable filler strips not included.

Treated Plank Filler Strips: None

### Ventilation

End Wall 2 on Building 1

Overhang: 12" Aluminum soffit (Endwall) with vented soffit

### Accessories

End Wall 2 on Building 1

Walk Door(s):

Standard, Steel Jamb 3 1/2" 3'-0"x6'-8"

Distance from left edge of wall to left edge: 33' 6"

Distance from 100'+0" mark to bottom of door plus: 4"

Anchor: ANCHOR KIT (WOOD)



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## Cleary/Owner Project Proposal - Material Only

Closer: No Closer  
 Dead Bolt: Key/Latch  
 Door Chain: No Chain  
 Embossment: No Embossment  
 Frame: 2x6  
 Hinge: 4" 304 STAINLESS STEEL FIXED PIN  
 Jamb: 3 1/2" Jamb  
 Kick Plate: No Kick Plate  
 Latch Guard: No Latch Guard  
 Latch: None  
 Lockset: Knob/Knob  
 Panic Hardware: No Panic Hardware  
 Skin: Blank  
 Swing: Right Hand Swing In Single Door  
 Window: None  
 Keyed Alike. Group 1

### Interior Finishes / Insulation

End Wall 2 on Building 1  
 Condensation Control: None  
 Insulation: None

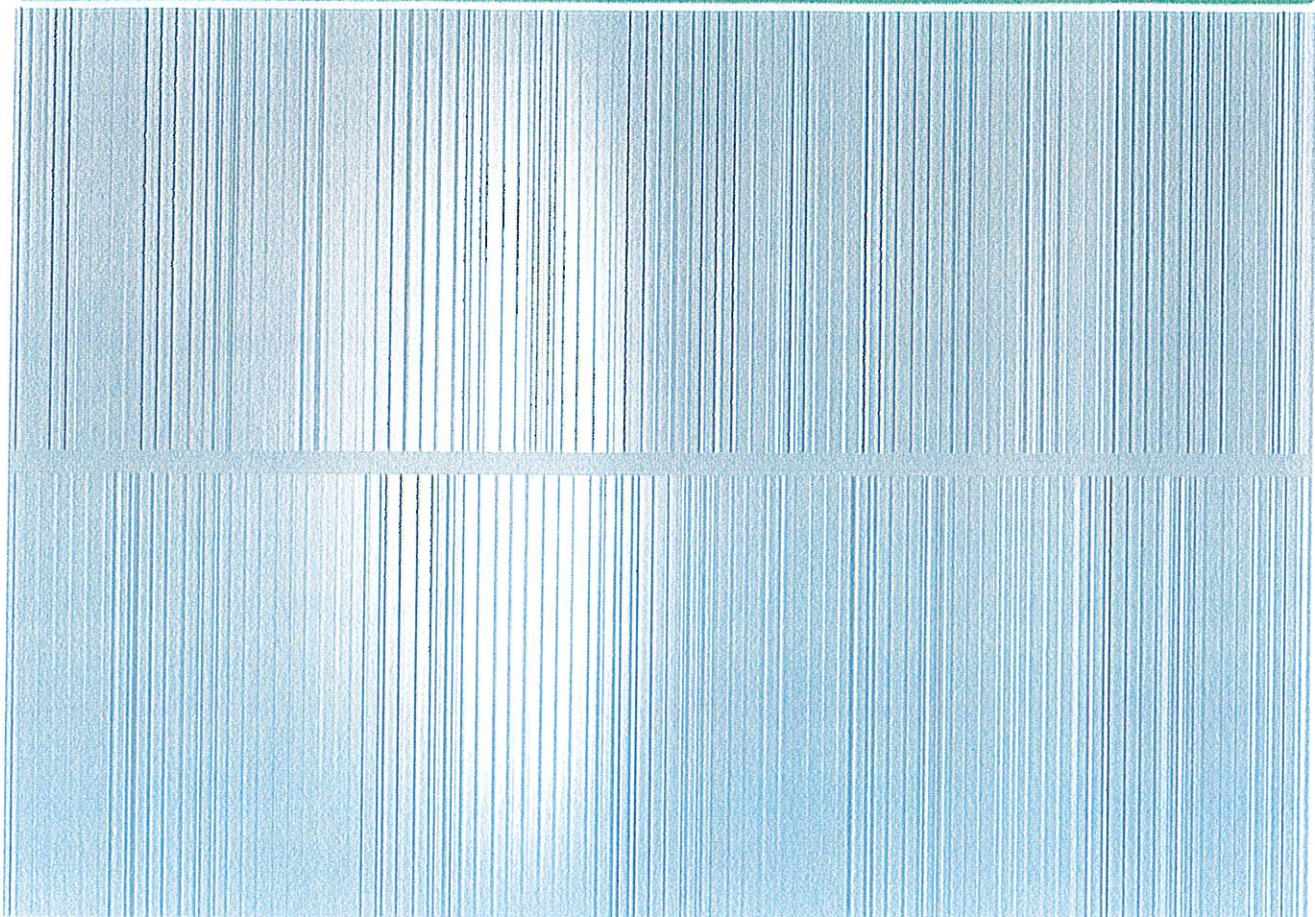


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## Cleary/Owner Project Proposal - Material Only

### Aerial View



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## Cleary/Owner Project Proposal - Material Only

### Project Colors

#### Building - Exterior

##### Siding

- Premium Steel Panel: Umber
- Corner Trim: Light Gray
- Bottom Trim: Light Gray

##### Roof

- Premium Steel Panel: Light Gray

##### Trim

- Gable: Light Gray
- Eave/Fascia: Light Gray
- Ridge Cap: Light Gray
- Trim Color Unless Otherwise Specified: Light Gray

##### Overhangs

- Soffit: Light Gray
- WallToSoffitTrim: Light Gray
- CeilingEnclosureTrim: Light Gray

##### Overhead Frameout

- J-Trim: Light Gray
- InsideTrim: Light Gray

##### Walk Doors

- Standard Blocked 3068: Brilliant
- J-Trim: Light Gray

### Project Color Chip Review

All applicable Wall Steel, Roof Steel, Walk Door, and Trim colors have been reviewed using steel color chips.

Purchaser Initials

Purchaser and BSS to meet at a later date to confirm colors with color chips. This will be documented with a change order.

Purchaser Initials

### Overhead Frameout & Headroom

### GENERAL NOTES AND SPECIFICATIONS

1. The materials and labor shown on these plans that are provided by Cleary Building Corp. are limited to those materials and labor as defined by the Cleary Building Corp. contract. Additional materials or accessories that are not being provided by Cleary Building Corp. may be shown on plans for context or building code compliance.

2. This building is designed in accordance with the following codes and specifications as applicable:

- 2018 Wisconsin Administrative Code chs. SPS 361-366
- 2015 International Building Code (IBC) as amended by SPS 362
- 2015 International Energy Conservation Code (IECC) as amended by SPS 363
- 2015 International Existing Building Code (IEBC) as amended by SPS 365
- 2015 National Design Specification for Wood Construction (NDS)

Risk Category: II  
 Use Group(s) Classification: S-1  
 Building Use: Storage  
 Type of Construction: Type VB  
 Building Area: 2400 Sq. Ft.

Building Design Loads:  
 Snow Design Data:  
 Ground Snow Load (Pg): 47 PSF  
 Snow Exposure Factor (Ce): 1  
 Slope Factor (Cs): 0.94  
 Thermal Factor (Ct): 1.2  
 Snow Load Importance Factor (Is): 1.0  
 Flat Roof Snow Load (Pf): 39.5 PSF  
 Sloped Roof Snow Load (Ps): 37 PSF  
 Unbalanced Snow Loads: 11.1 PSF Windward  
 37 PSF Leeward  
 20.39 PSF Leeward surcharge  
 8.1 Ft. Width of surcharge

Wind Design Data:  
 Basic Design Wind Speed (V): 125 MPH  
 Wind Exposure: C  
 Design Internal Pressure Coefficient: ± 0.18

Earthquake Design Data:  
 Basic Seismic Force Resisting System: Building Frame System/Light Frame Walls Sheathed with Wood Structural Panels or Steel Sheets  
 Design Base Shear: 430 LBS  
 Seismic Response Coefficient (Cs): 0.012  
 Analysis Procedure Used: Equivalent Lateral Force Procedure  
 Seismic Design Category: A  
 Mapped Spectral Response Accelerations (Ss): 6.6%g  
 (S1): 3.9%g  
 Spectral Response Coefficients (Sps): 0.07g  
 (Sp1): 0.063g  
 Site Class: D  
 Seismic Importance Factor (Ie): 1.0  
 Response Modification Factor (R): 6

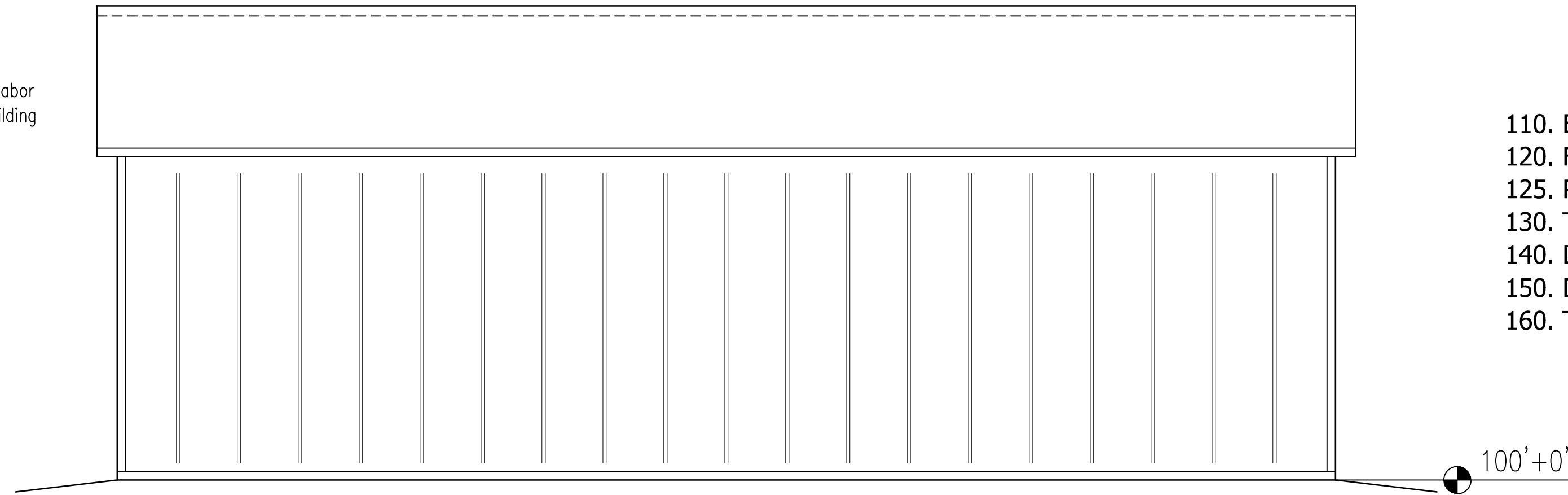
- All lumber, unless noted otherwise, shall be S4S #2 SPF or better. All lumber embedded in the ground shall be treated with Chromated Copper Arsenate to a retention level of .60 lbs. per cubic foot. AWP4 U1, UC4B.
- All nails are to be threaded hardened steel unless otherwise noted.
- Grading should be such that the surface water is drained away from the foundation. Minimum grade would be six inches of vertical drop per ten feet of horizontal away from the foundation (5%).
- Fill used for concrete floor slab sub grade, if present, shall be reasonably graded granular material. Fill used in columns holes shall be the excavated soil unless noted otherwise. All fill shall be free from debris, stones over 4"Ø and frozen material.
- Electrical work, heating, ventilating, air conditioning, plumbing, and site draining is not a part of this drawing and shall be installed as per applicable codes.
- This design is based on a building site with sand, silty sand, clayey sand, silty gravel, clayey gravel soil. As per the IBC building code and Referenced Standard ASAE 486.1, an assumed soil bearing design value of 1500 psf with increases for depth and width has been used in this design. If information is discovered before or during construction contrary to this, the building designer should be contacted.

**NOTE:**  
 This building, as depicted, must be constructed 10 feet or more from any and all lot lines and 20 feet or more from any other buildings on the same lot. See IBC code and/or the local building official for exceptions.

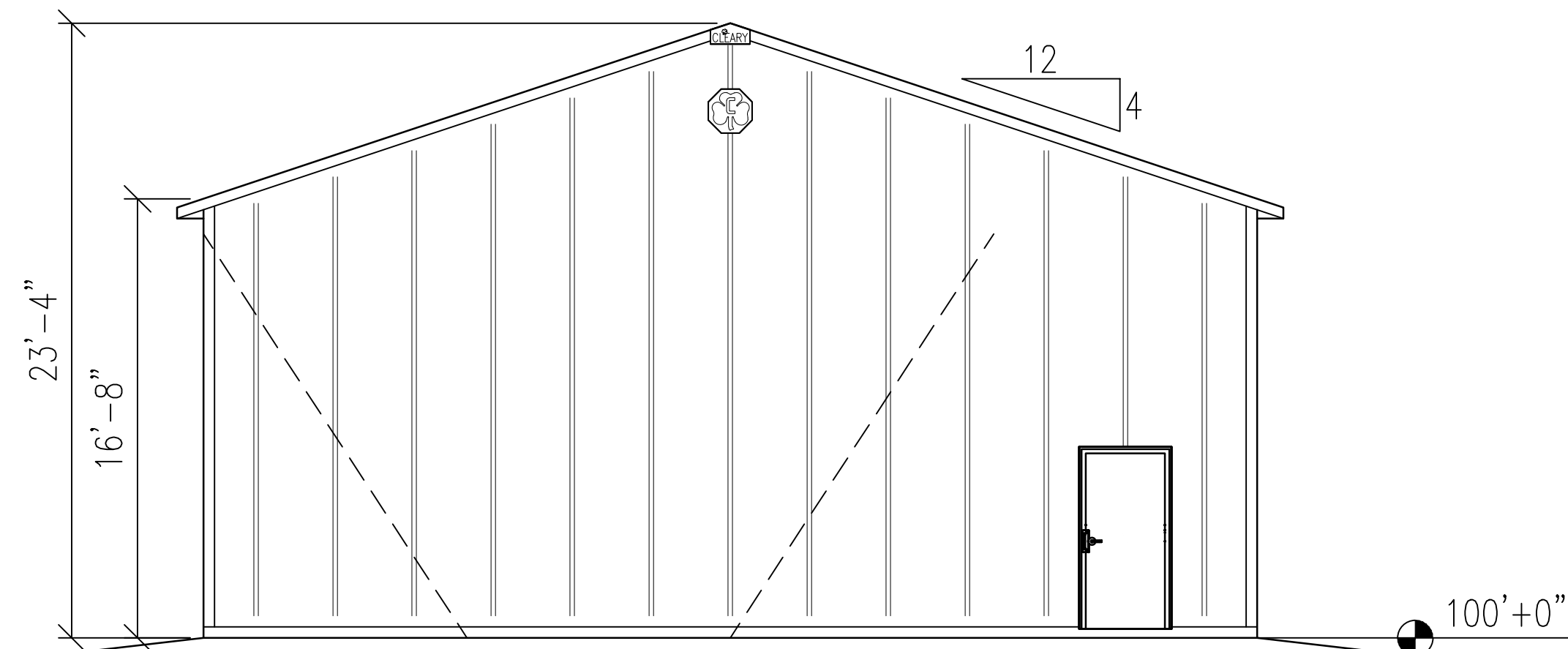
**NOTE:**  
 This document, as presented and sealed, is not intended to be, nor should it be construed as such, a complete building design. It is intended to represent just the building itself. It should also be noted that the designer is unaware of any subsoil investigation reports. Footings have been sized on assumed values as per note 8.0 under General Specifications and Notes. The designer excludes determination that the assumed soil conditions are present at the site. If a concrete floor will be installed, the design of the concrete floor is not part of these plans, nor is it intended to be. If shown, the concrete floor is only depicted to show its location with respect to related components of the building. The client or general contractor is encouraged to contract with other professional engineers or architects for the design of the concrete floor and its subgrade.

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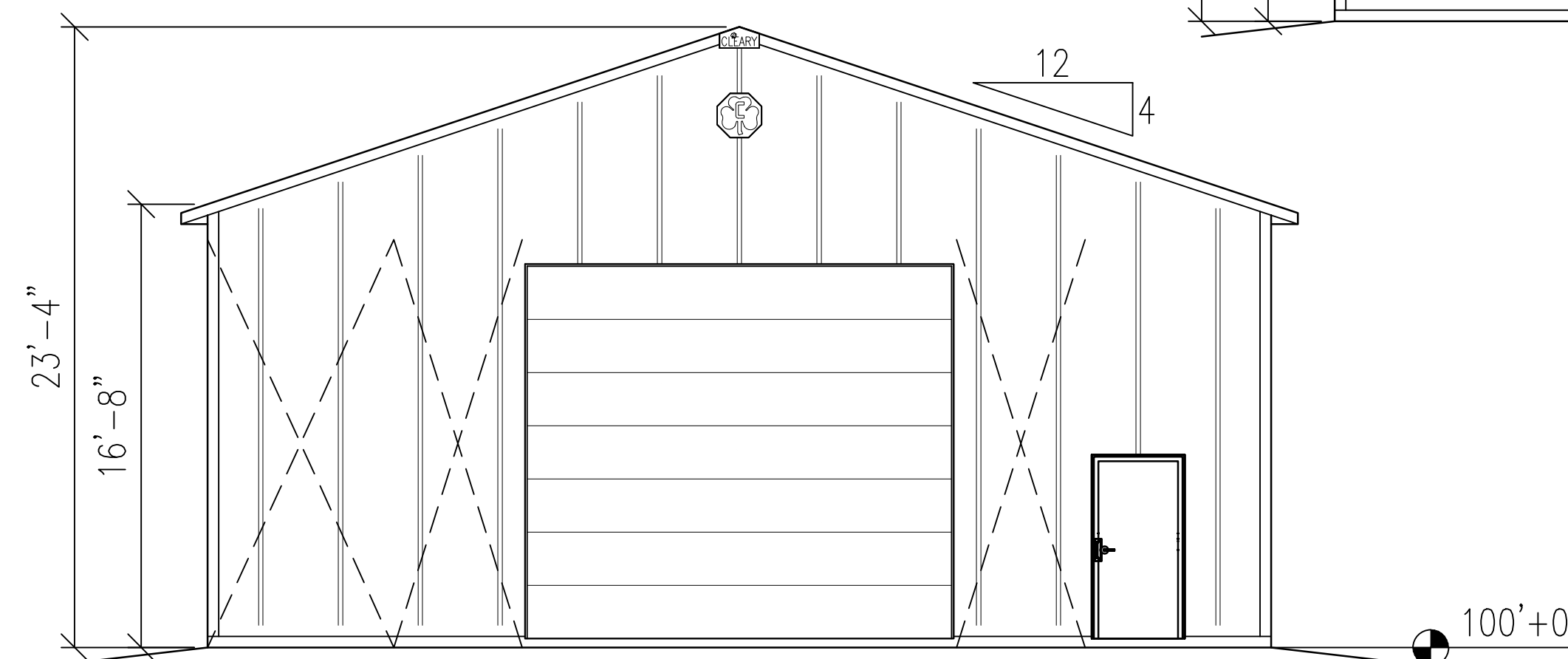
- 110. ELEVATIONS
- 120. FLOOR PLAN
- 125. ROOF FRAMING PLAN
- 130. TYPICAL SECTION
- 140. DIAGONAL BRACING DETAILS
- 150. DIAPHRAGM ACTION and MISC. DETAILS
- 160. TRUSS DIAGRAMS



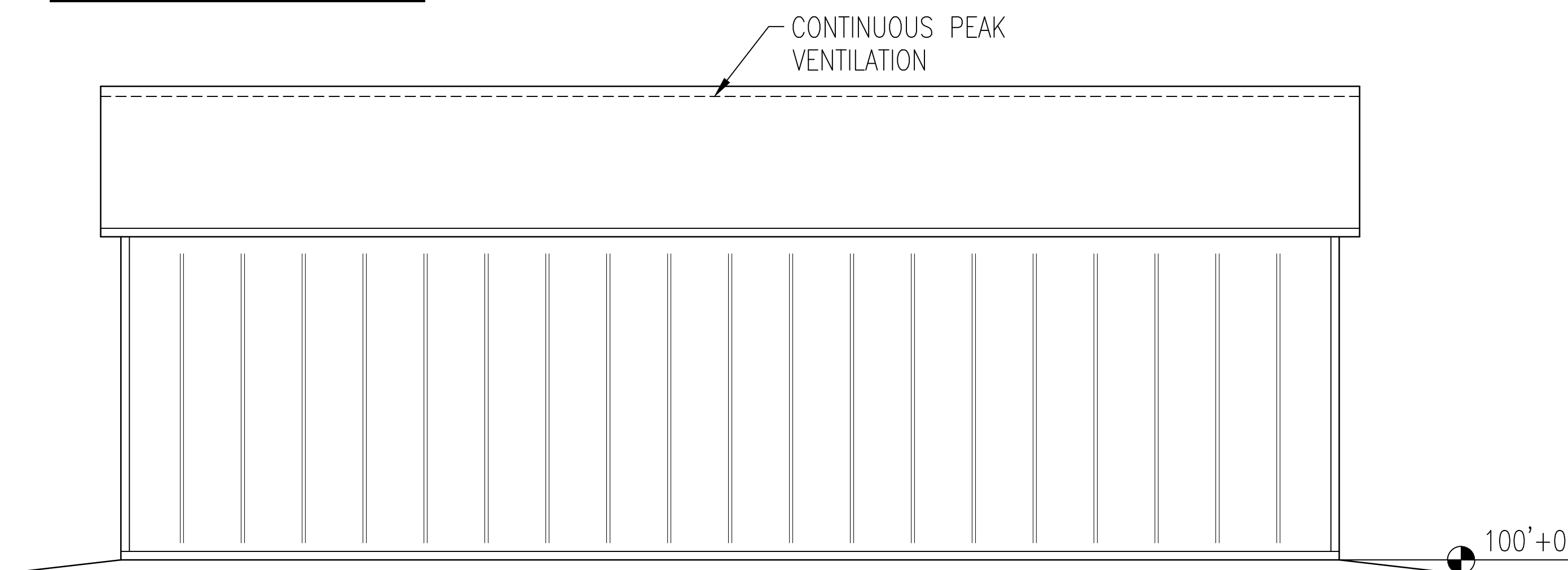
### SOUTH ELEVATION



### WEST ELEVATION



### EAST ELEVATION



### NORTH ELEVATION



190 PAOLI STREET / P.O. BOX 930220  
 VERONA, WI 53593 / (800) 373-5550

DRAWN BY: JENKINS

DATE DRAWN: 02/10/25

PLAN REVISIONS:

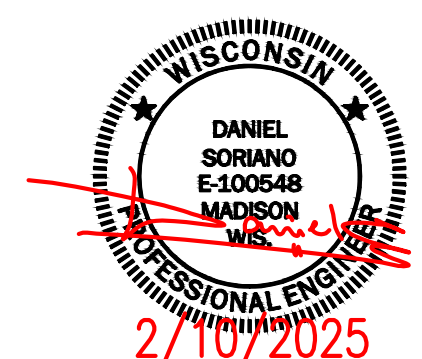
NUMBER	DATE	BY
1		
2		
3		
4		

PROJECT NAME:  
**CHAPPA, TYLER**  
 PROJECT SITE ADDRESS:  
 1236 N 18TH ST  
 SHEBOYGAN, WI 53083 (SHEBOYGAN)  
 BUILDING SIZE:  
 40' 0" x 60' 0" x 16' 8"  
 SHEET NAME:  
 ELEVATIONS

PROJECT NUMBER:  
**2025100424**

SHEET NUMBER:  
**110**

WHEN PRINTED ON 24"x36"  
 PAPER SCALE IS 3/16"=1'-0"



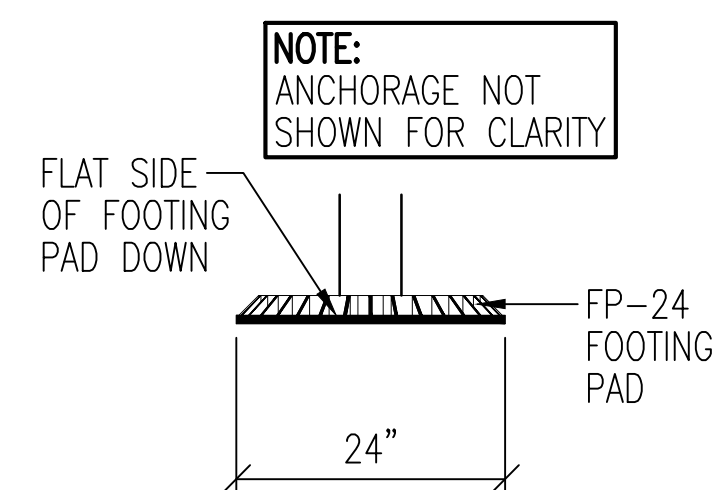


COLUMNS	COLUMN SIZE	HOLE DEPTH	HOLE DIAMETER	FOOTING SIZE	NUMBER OF COLUMNS REQUIRED	BUILDING ACCESSORY SCHEDULE					
						ITEM	SIZE	B.E./T.E.	QTY	ROUGH OPENING & ACCESSORY FEATURES	
(A) CORNER	3-PLY 2x6x22'-0"	5'-6"	18"Ø	4"x14"Ø PRECAST CONCRETE FOOTING	4	1	SOLID WALK DOOR	3' 0"x6' 8"	B.E. =100' 4"	2	R.O. 3' 4 3/8"x6' 9 3/4", STANDARD, BRILLIANT, LEV./LEV. LOCKSET, LATCH GUARD, KEYED ALIKE, CLOSER, H.CAP THRESHOLD
(B) SIDEWALL	4-PLY 2x6x22'-0"	5'-6"	24"Ø	AGCO FP-24 FOOTING PAD (SEE NOTE/DETAIL)	10	2	OVERHEAD DOOR	16' 0"x14' 0"	B.E. =100' 4"	1	I.D. =15' 11 1/2", 13-20" HEADROOM OPTION WITHOUT LINER, TRIM INSIDE EDGE, DOOR NOT BY CLEARY
(C) VERT. BRACE	2-PLY 2x6x9'-2"	---	---	VERTICAL BRACE B.E.=14' 1 1/2"	1						
(D) ENDWALL	3-PLY 2x6x24'-4"	5'-6"	18"Ø	4"x14"Ø PRECAST CONCRETE FOOTING	2						
(E) ENDWALL	3-PLY 2x6x25'-4"	5'-6"	18"Ø	4"x14"Ø PRECAST CONCRETE FOOTING	2						
(F) ENDWALL	3-PLY 2x6x26'-0"	5'-6"	18"Ø	4"x14"Ø PRECAST CONCRETE FOOTING	2						
(G) ENDWALL	3-PLY 2x6x28'-8"	5'-6"	18"Ø	4"x14"Ø PRECAST CONCRETE FOOTING	1						

- NOTES:**
- FIELD VERIFY ALL DOOR AND WINDOW ROUGH OPENING SIZES PRIOR TO INSTALLING FRAME-OUTS
  - ENDWALL COLUMNS ARE 3-PLY TO THE BUILDING EAVE HEIGHT AND 1-PLY FROM THERE TO THE ROOF PLANE
  - 2x6 STANDARD DIAGONAL CORNER BRACING AT ALL CORNERS (UNLESS OTHERWISE NOTED)
  - END WALL 1 ON BUILDING 1 (EAST) - INSTALL STANDARD 15" SHAMROCK
  - END WALL 2 ON BUILDING 1 (WEST) - INSTALL STANDARD 15" SHAMROCK

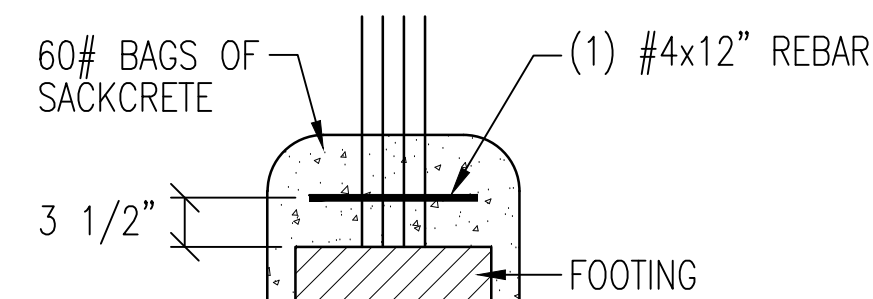
**NOTE:**  
75 TOTAL BAGS OF SACKCRETE  
REQUIRED FOR COLUMN ANCHORAGE

**NOTE:**  
THE FOOTING PAD IS THE AGCO  
MOLDED COMPOSITE CIRCULAR  
FOOTING PAD (SEE ESR-2147)



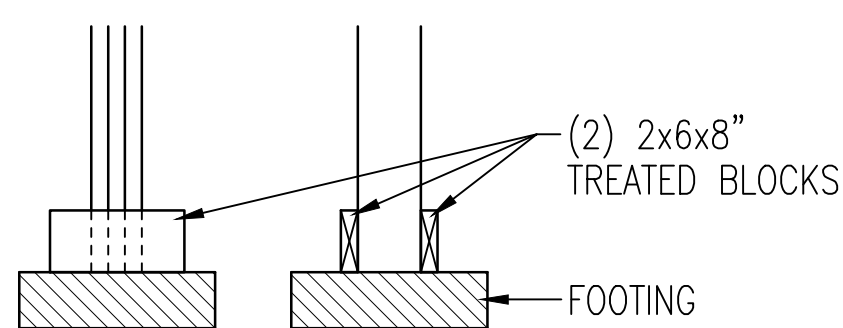
**FOOTING PAD DETAIL**

- △ = ANCHOR COLUMNS WITH (6) 60# BAGS OF SACKCRETE AND (1) #4x12" REBAR FOR UPLIFT
  - ◇ = ANCHOR COLUMNS WITH (3) 60# BAGS OF SACKCRETE AND (1) #4x12" REBAR FOR UPLIFT
- NOTE: COLUMN SETS ON TOP OF FOOTING - CHECK COLUMN CHART FOR EXACT FOOTING SIZE REQUIREMENTS

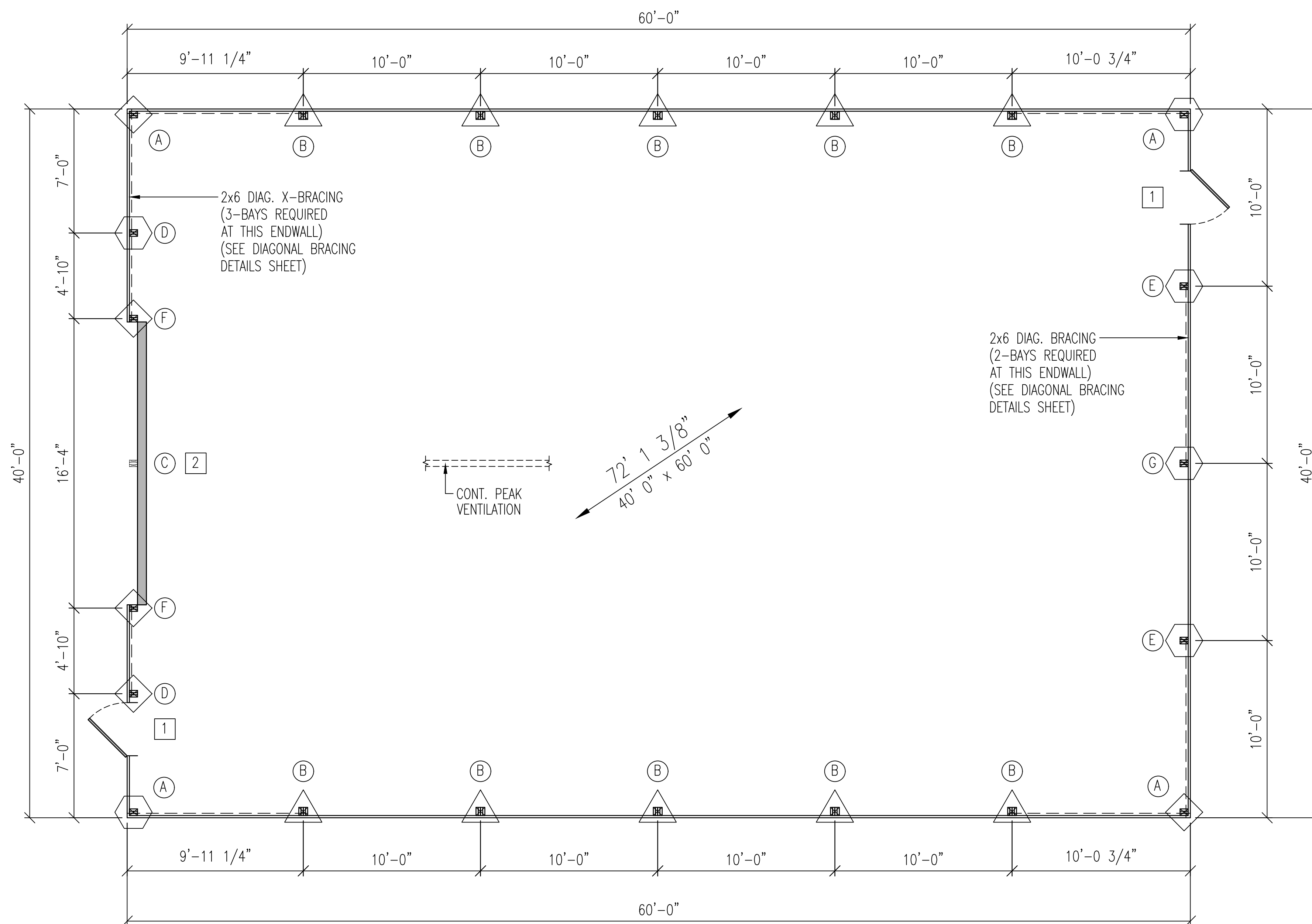


**COLUMN ANCHOR DETAIL**

- ◊ = ANCHOR COLUMNS WITH (2) 2x6x8" TREATED BLOCKS ATTACHED TO COLUMN WITH (3) 20d NAILS PER EACH BLOCK FOR UPLIFT
- NOTE: COLUMN SETS ON TOP OF FOOTING - CHECK COLUMN CHART FOR EXACT FOOTING SIZE REQUIREMENTS



**COLUMN ANCHOR DETAIL**



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DATE DRAWN: 02/10/25

PLAN REVISIONS:

NUMBER	DATE	BY
1		
2		
3		
4		

PROJECT NAME:  
**CHAPPA, TYLER**

PROJECT SITE ADDRESS:  
1236 N 18TH ST  
SHEBOYGAN, WI 53083 (SHEBOYGAN)

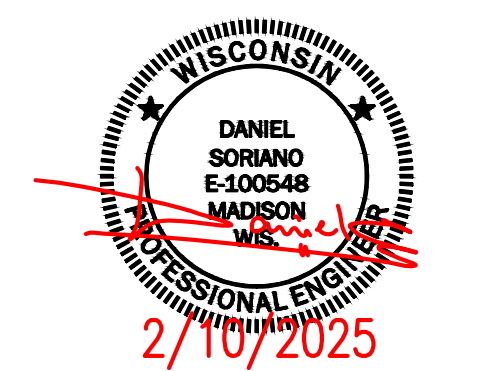
BUILDING SIZE:  
40' 0" x 60' 0" x 16' 8"

SHEET NAME:  
FLOOR PLAN

PROJECT NUMBER:  
**2025100424**

SHEET NUMBER:  
**120**

WHEN PRINTED ON 24"x36"  
PAPER SCALE IS 1/4"=1'-0"





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DATE DRAWN: 02/10/25

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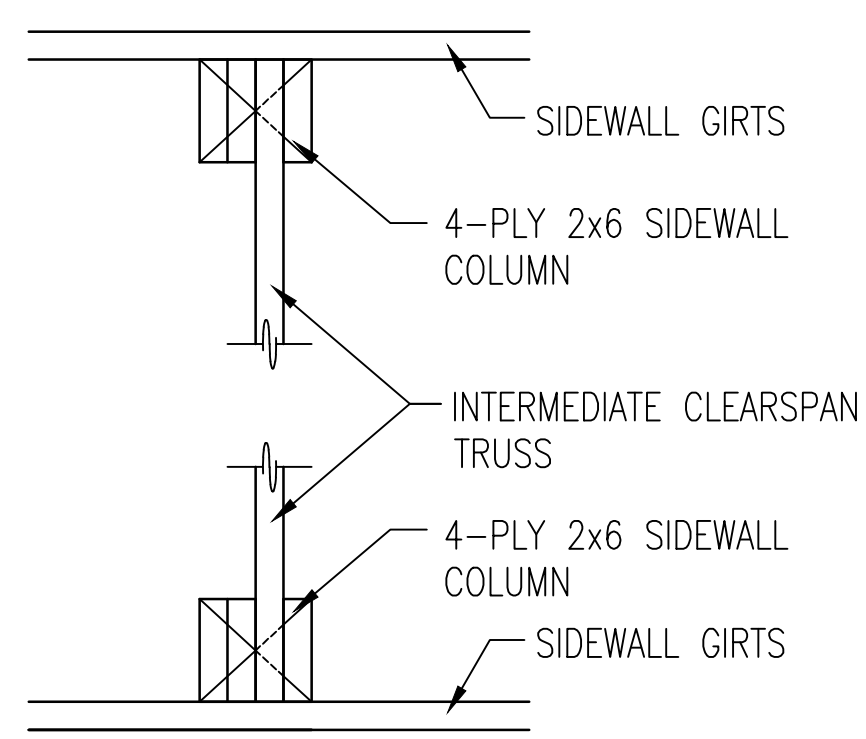
NUMBER	DATE	BY
1		
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NORTH

TRUSS INFORMATION			
#	DESCRIPTION	SCREW PLACEMENT	HOLE
1	TB39-9SEW4WO-H12HEEL125W	PURLINS NAILED	NONE
2	TA39-9PLSC37STNO100C4TRUSS125W	PURLINS NAILED	NONE
3	TA39-9PLSC37STNO100C4TRUSS125W	PURLINS NAILED	NONE
4	TA39-9PLSC37STNO100C4TRUSS125W	PURLINS NAILED	NONE
5	TA39-9PLSC37STNO100C4TRUSS125W	PURLINS NAILED	NONE
6	TA39-9PLSC37STNO100C4TRUSS125W	PURLINS NAILED	NONE
7	TB39-9SEW4WO-H12HEEL125W	PURLINS NAILED	NONE

- NOTES:**
- 2x6 JACKBRACING AT ENDWALL COLUMNS (NOT NEEDED AT FULL LENGTH COLUMNS)  
 — = LOCATION ON THIS SHEET FOR JACKBRACING (SEE DETAIL THIS SHEET)
  - 2x4 PURLIN BLOCKING AT ENDWALL TRUSSES
  - (X) = BAYS WITH 2x4 ROOFLINE X-BRACING (SEE DETAIL THIS SHEET)

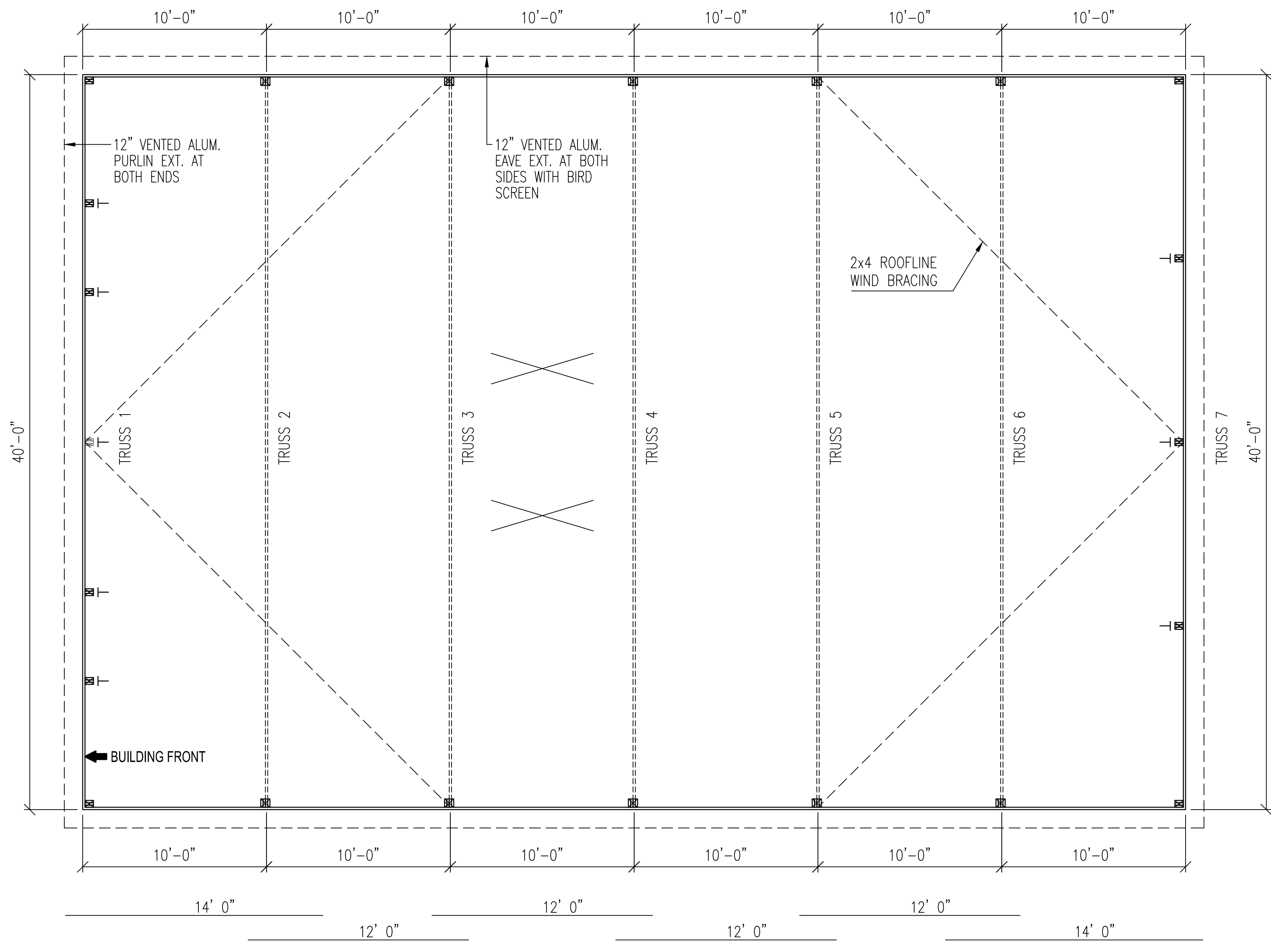
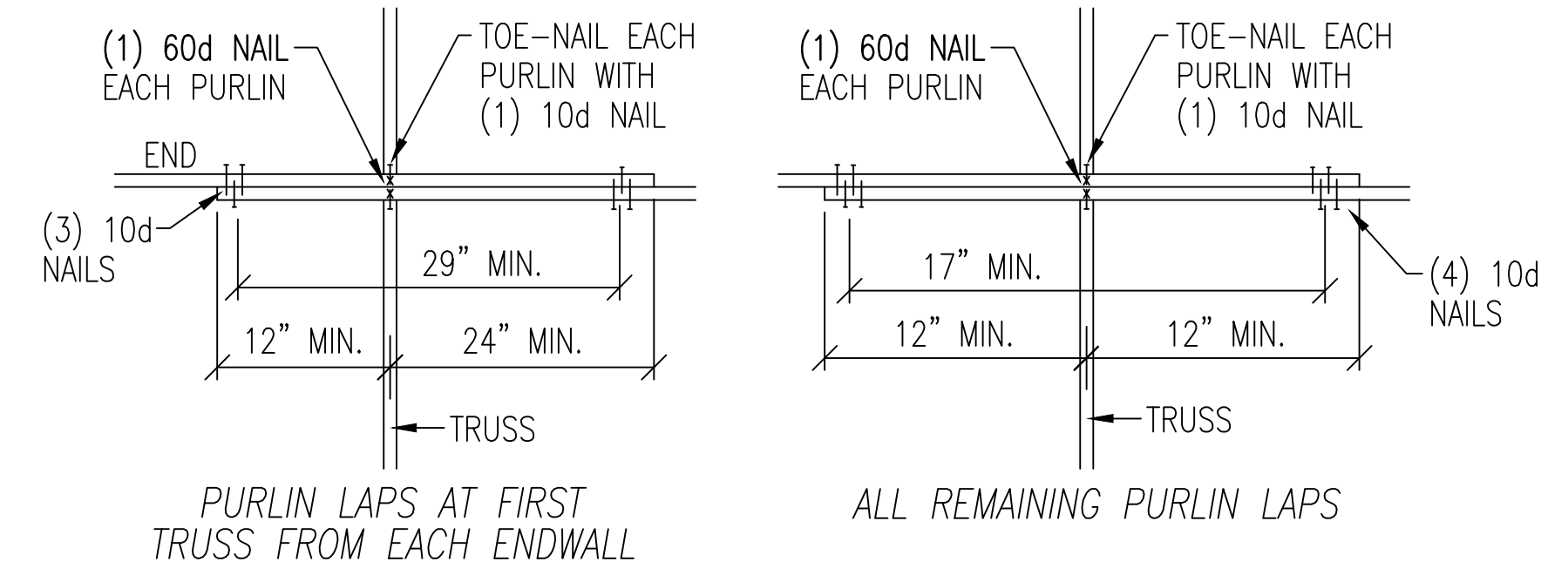
**NOTE:**  
ATTACH ALL PURLINS TO TRUSS WITH (1) 60d NAIL AND TOE-NAIL WITH (1) 10d NAIL, ALSO ATTACH ROOF STEEL TO PURLINS AT 9" O.C.



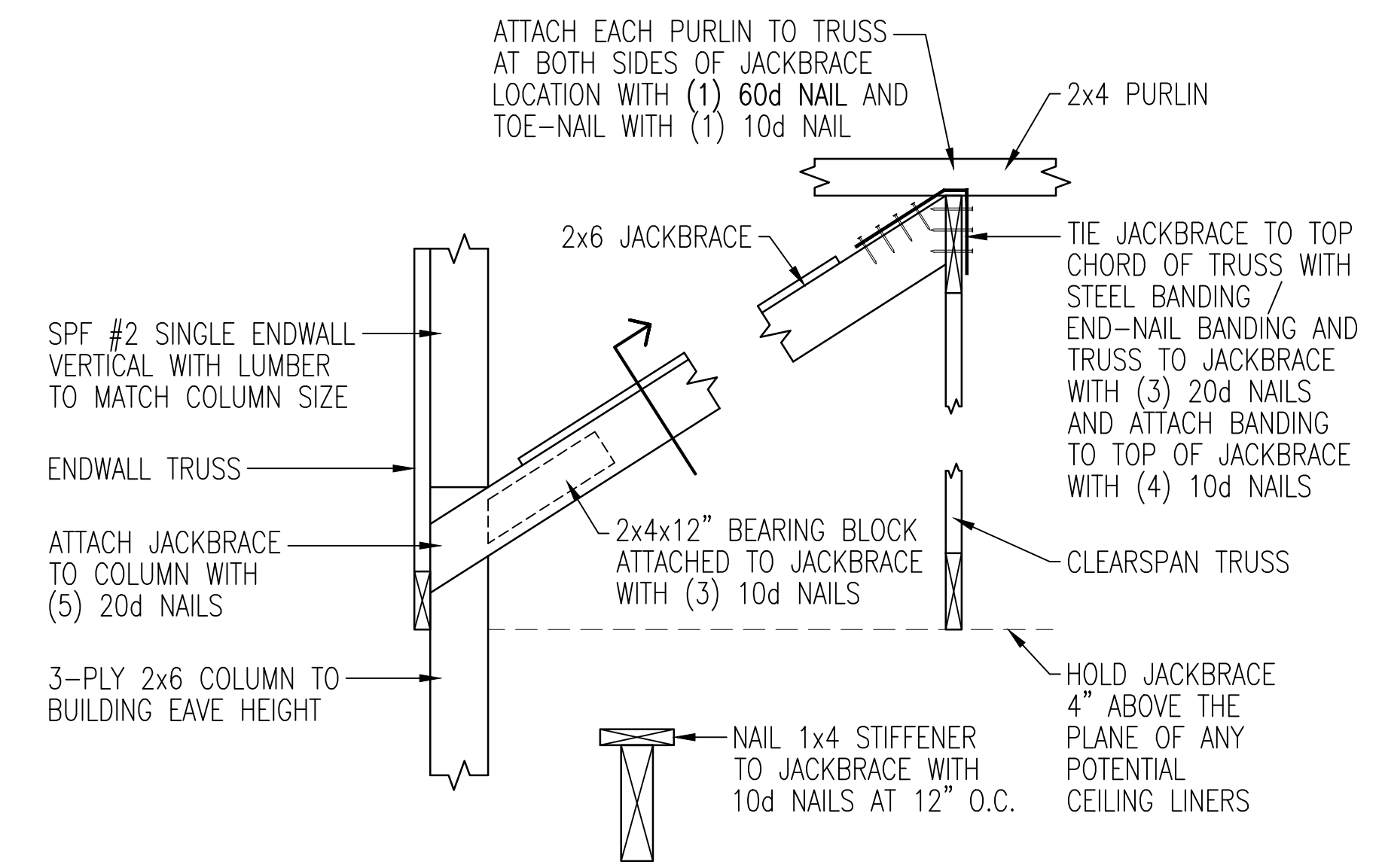
TYPICAL TRUSS PLACEMENT DETAIL

**CONT. PURLIN DESIGN**

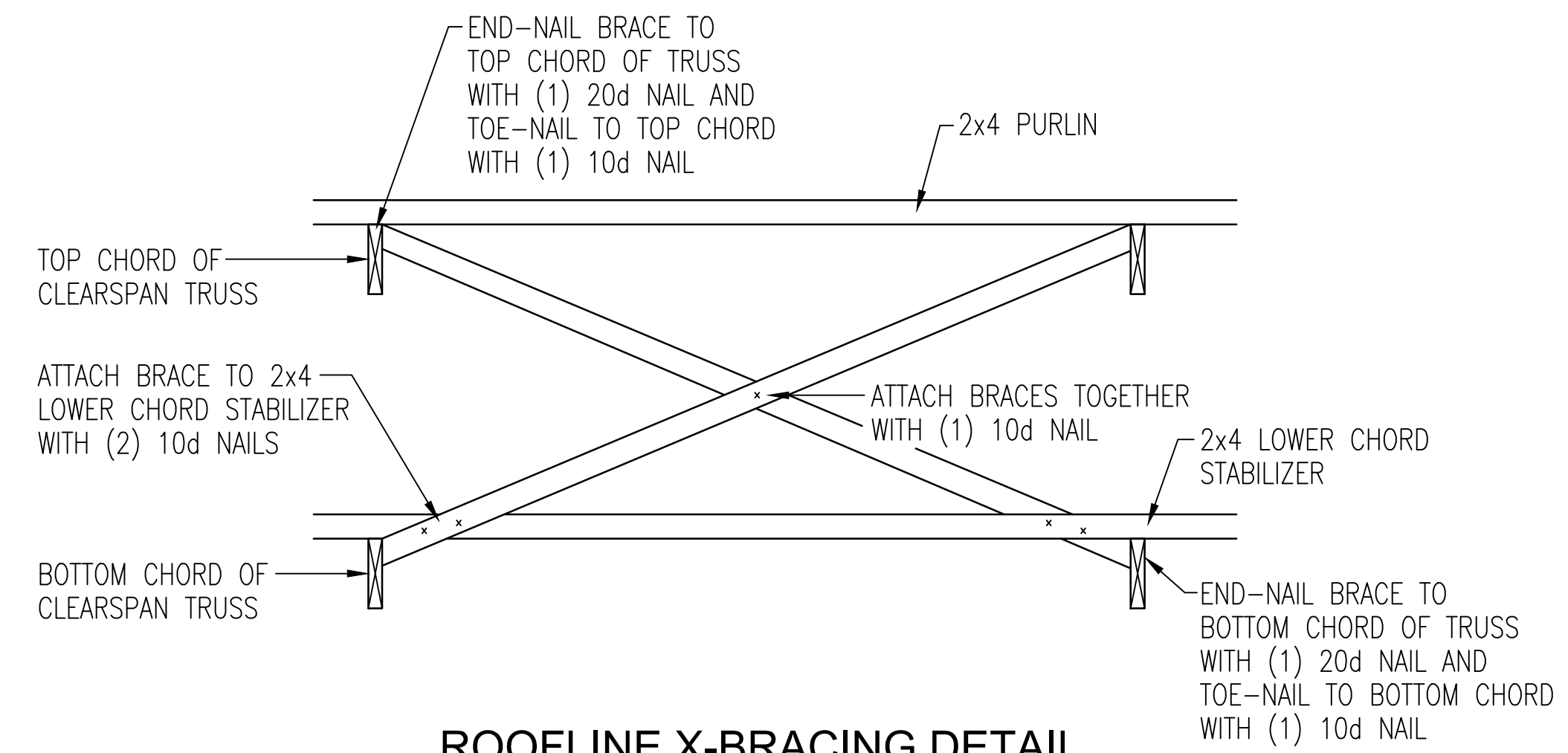
CONSTRUCTION FOREMAN NOTE:  
BE SURE TO MAINTAIN THE OVERALL LAP DISTANCE AND THE SPACING FROM PURLIN END TO CENTER OF TRUSS AS SHOWN



PURLIN LAYOUT



JACKBRACE DETAIL AT ENDWALL COLUMNS



ROOFLINE X-BRACING DETAIL  
X-BRACING IS ATTACHED TO LOWER CHORD STABILIZER

PROJECT NAME:  
**CHAPPA, TYLER**

PROJECT SITE ADDRESS:  
1236 N 18TH ST  
SHEBOYGAN, WI 53083 (SHEBOYGAN)

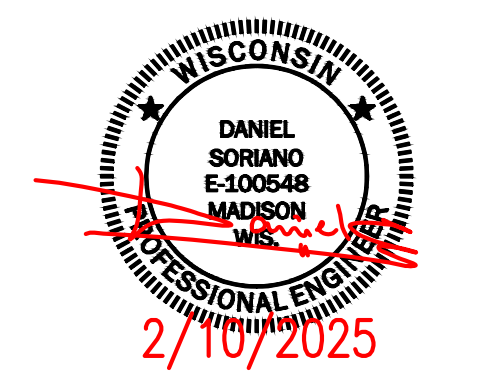
BUILDING SIZE:  
40' 0" x 60' 0" x 16' 8"

SHEET NAME:  
ROOF FRAMING PLAN

PROJECT NUMBER:  
**2025100424**

SHEET NUMBER:  
**125**

WHEN PRINTED ON 24"x36"  
PAPER SCALE IS 1/4"=1'-0"



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DATE DRAWN: 02/10/25

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**ROOF NOTES:**

- ATTACH EACH PURLIN WITH (1) 60d NAIL AND TOE-NAIL WITH (1) 10d NAIL
- ATTACH ROOF STEEL WITH SCREWS AT ALL MAJOR RIBS (9" O.C.)

PREPAINTED 29 GAUGE CORRUGATED ROOF AND SIDE STEEL

#2 SPF 2x4 PURLINS SPACED WITH BOTTOM (7) AT 19" O.C. AND TOP (10) AT 12" O.C.

SEE HEEL DETAIL

SEE TRUSS DIAGRAMS

(4) ROWS 2x4 L.C.S. SPACED EVENLY

**NOTE:**  
TRUSS NOT DESIGNED FOR CEILING LOAD

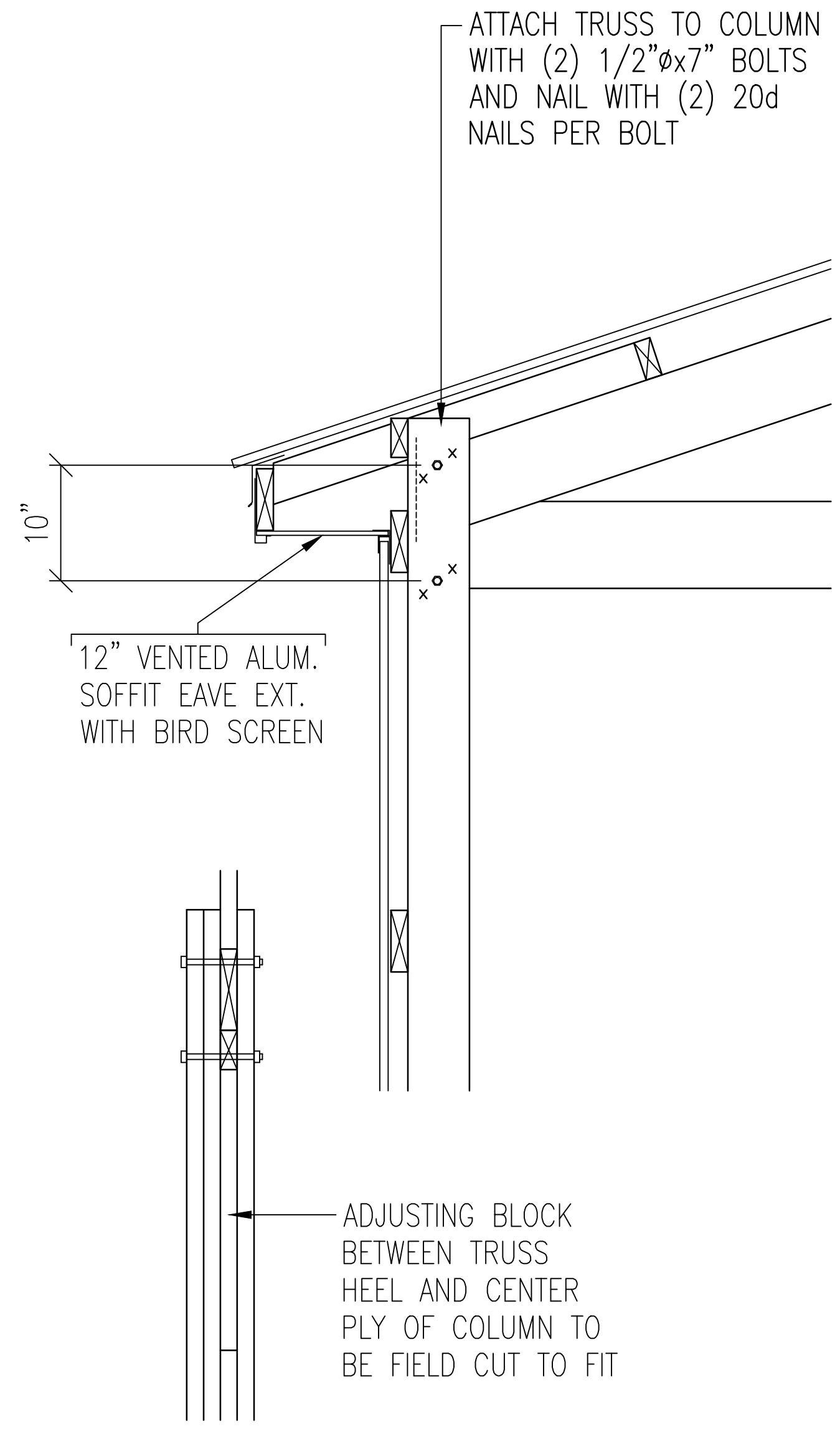
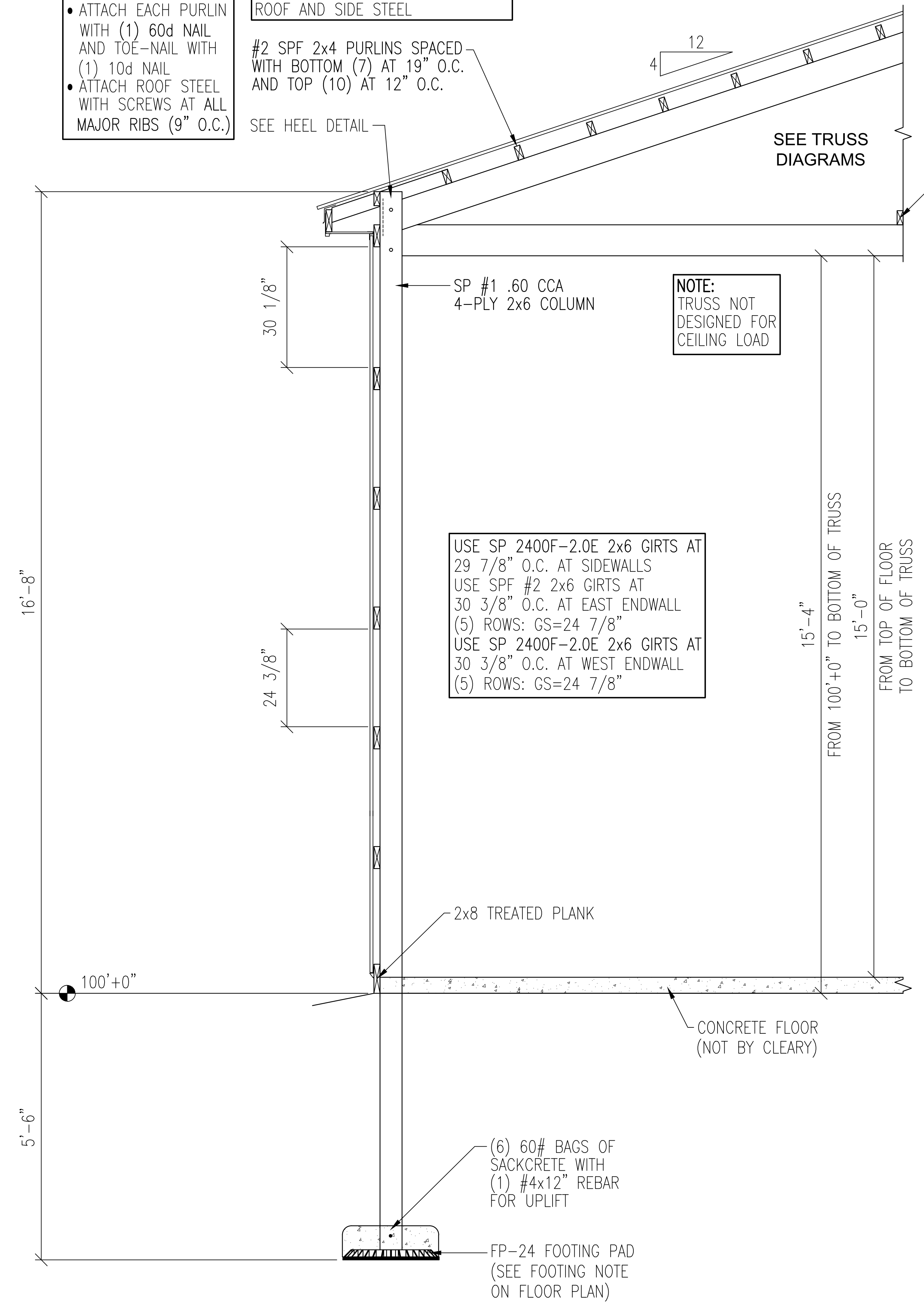
USE SP 2400F-2.0E 2x6 GIRTS AT 29 7/8" O.C. AT SIDEWALLS  
USE SPF #2 2x6 GIRTS AT 30 3/8" O.C. AT EAST ENDWALL  
(5) ROWS: GS=24 7/8"  
USE SP 2400F-2.0E 2x6 GIRTS AT 30 3/8" O.C. AT WEST ENDWALL  
(5) ROWS: GS=24 7/8"

ATTACH TRUSS TO COLUMN WITH (2) 1/2"Øx7" BOLTS AND NAIL WITH (2) 20d NAILS PER BOLT

12" VENTED ALUM. SOFFIT EAVE EXT. WITH BIRD SCREEN

ADJUSTING BLOCK BETWEEN TRUSS HEEL AND CENTER PLY OF COLUMN TO BE FIELD CUT TO FIT

**HEEL DETAIL**



PROJECT NAME:  
**CHAPPA, TYLER**

PROJECT SITE ADDRESS:  
1236 N 18TH ST  
SHEBOYGAN, WI 53083 (SHEBOYGAN)

BUILDING SIZE:  
40' 0" x 60' 0" x 16' 8"

SHEET NAME:  
TYPICAL SECTION

PROJECT NUMBER:  
**2025100424**

SHEET NUMBER:  
**130**

WHEN PRINTED ON 24"x36"  
PAPER SCALE IS 3/4"=1'-0"





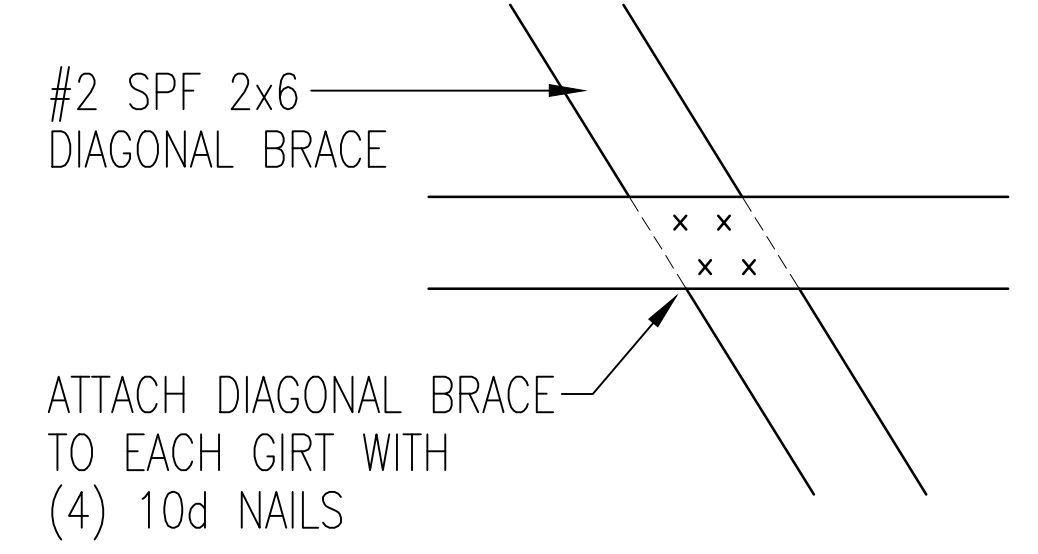
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DRAWN BY: JENKINS

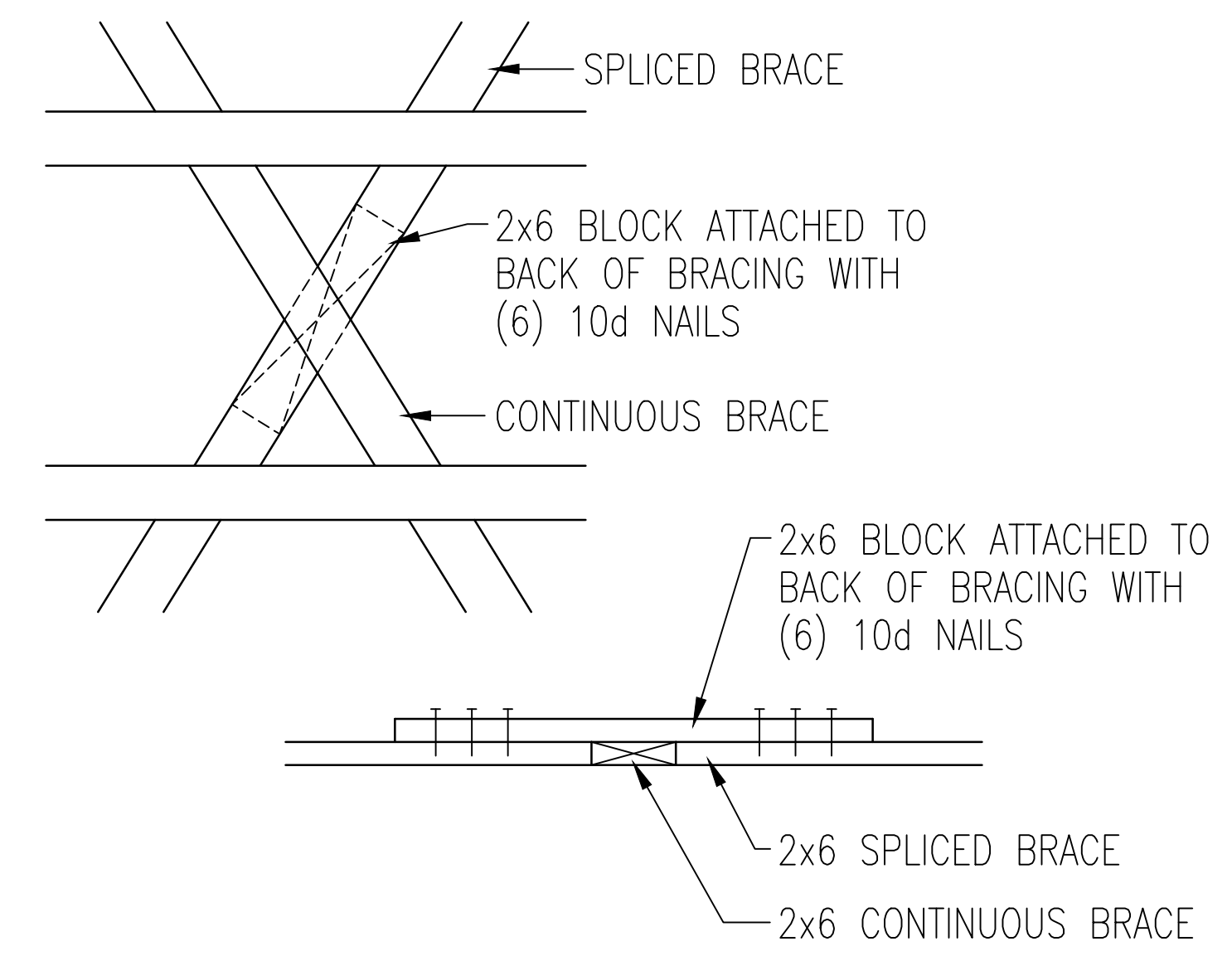
DATE DRAWN: 02/10/25

PLAN REVISIONS:

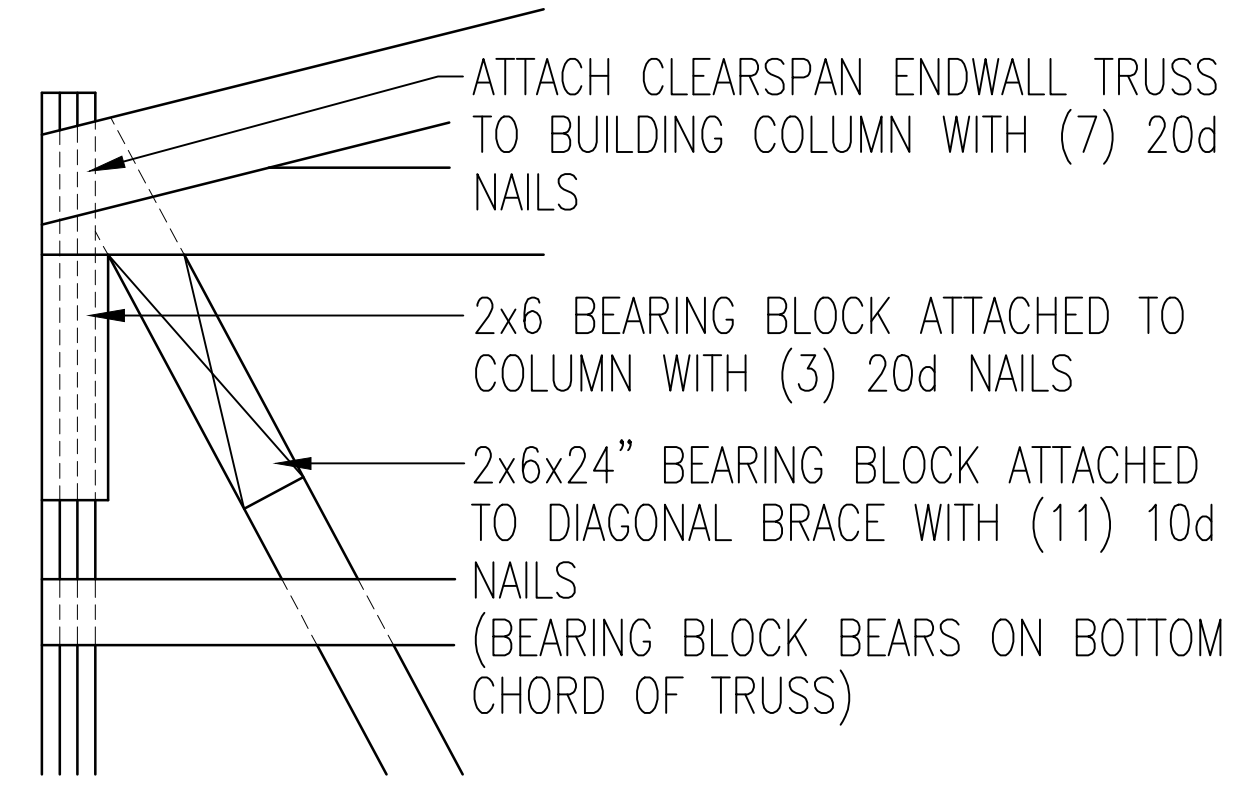
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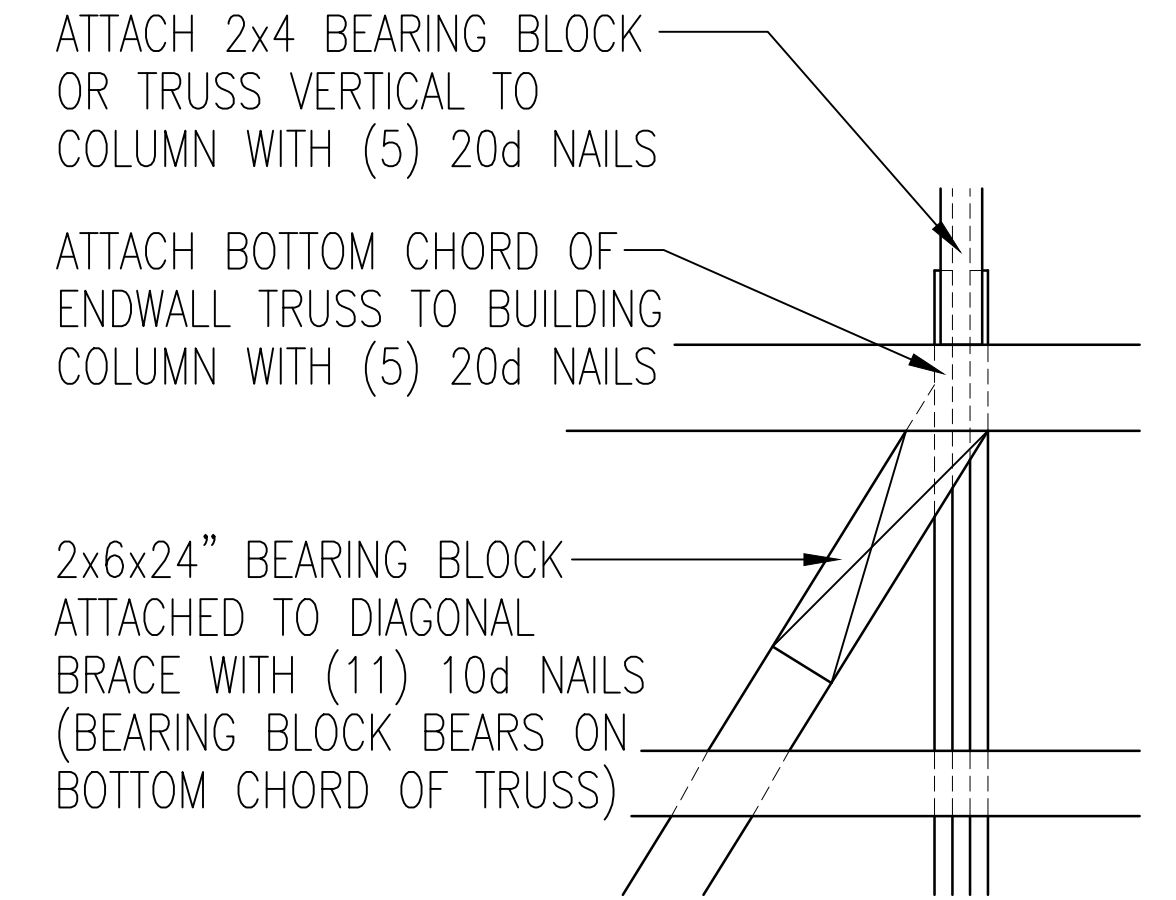
**BRACE TO GIRT CONNECTION DETAIL**



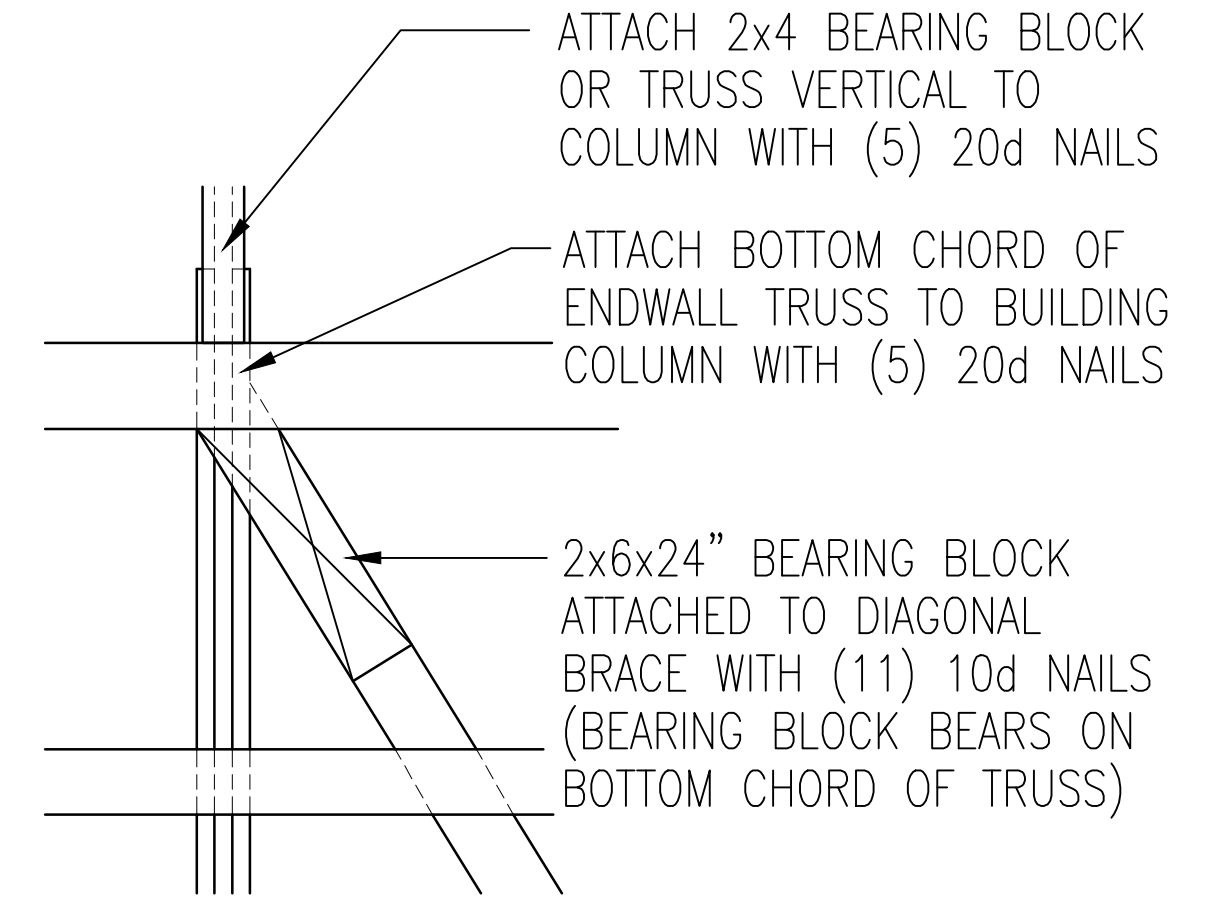
**BRACE SPLICE DETAIL**  
AT CENTER OF X-BRACING



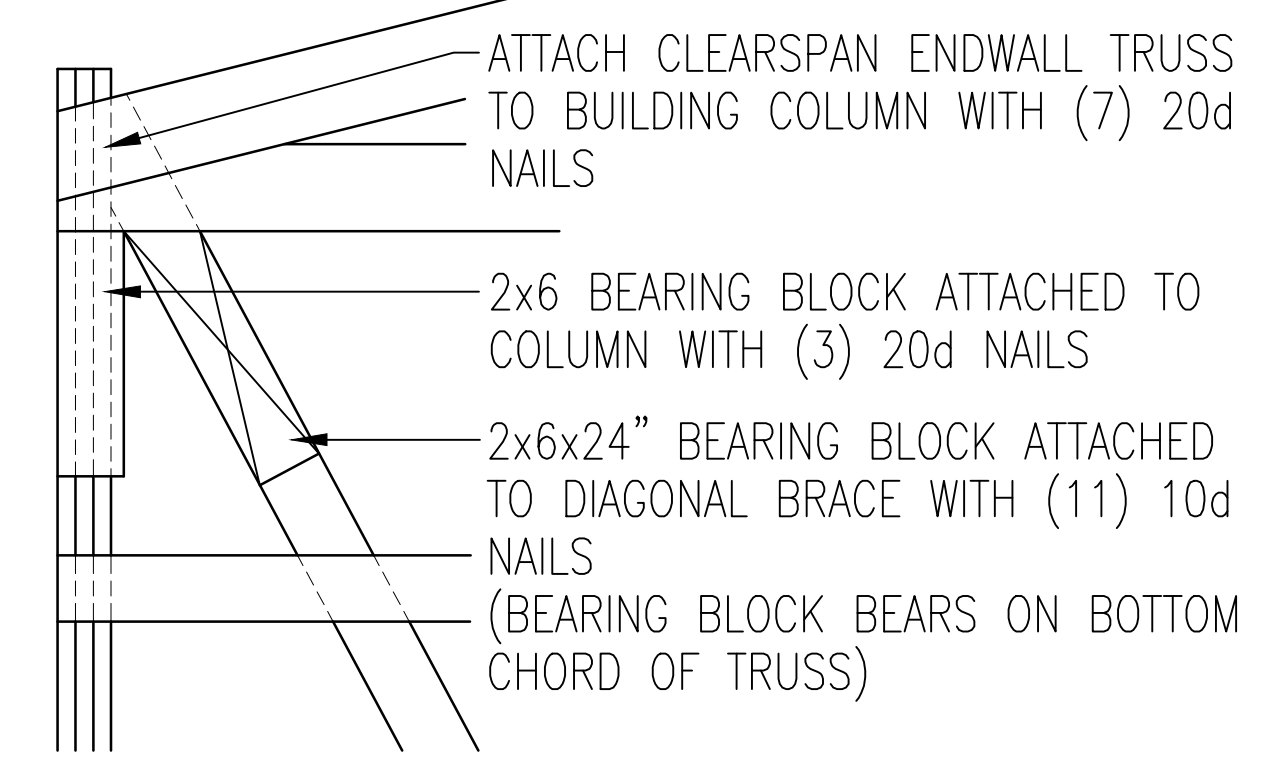
**BRACE CONNECTION DETAIL**  
AT TOP OF BRACE AT CORNER COLUMN



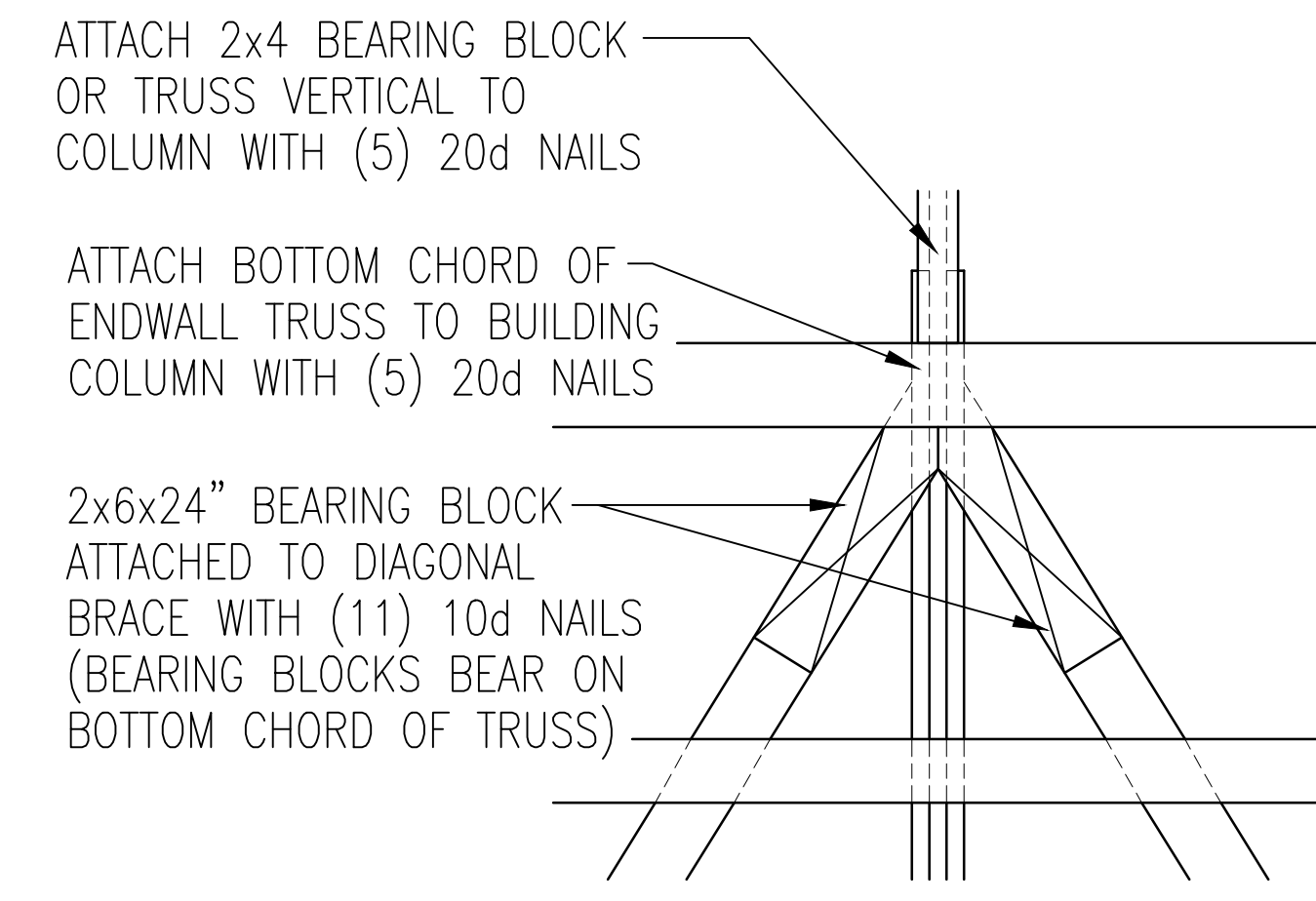
**BRACE CONNECTION DETAIL**  
AT TOP OF BRACE AT ENDWALL COLUMN



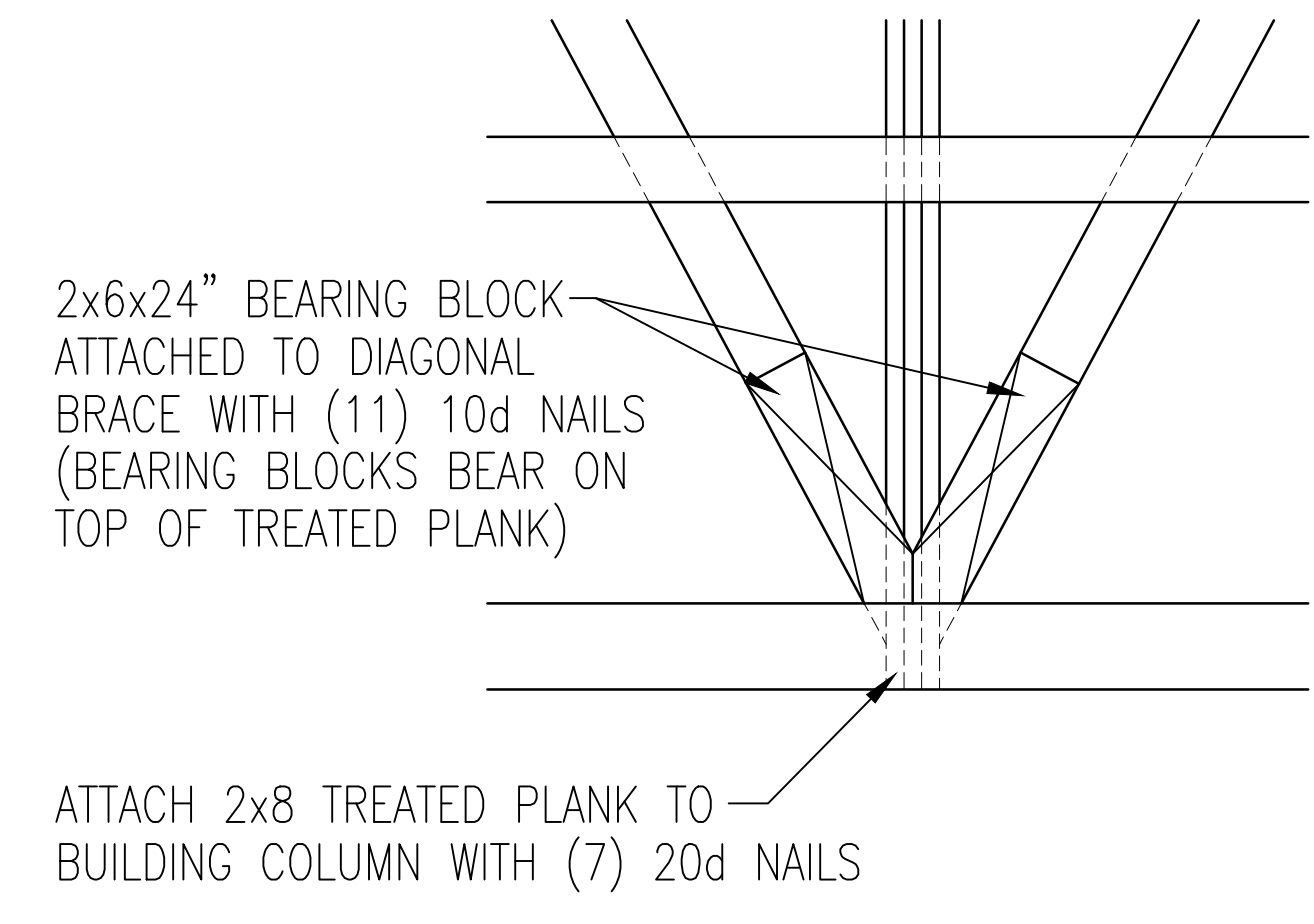
**BRACE CONNECTION DETAIL**  
AT TOP OF BRACE AT ENDWALL COLUMN



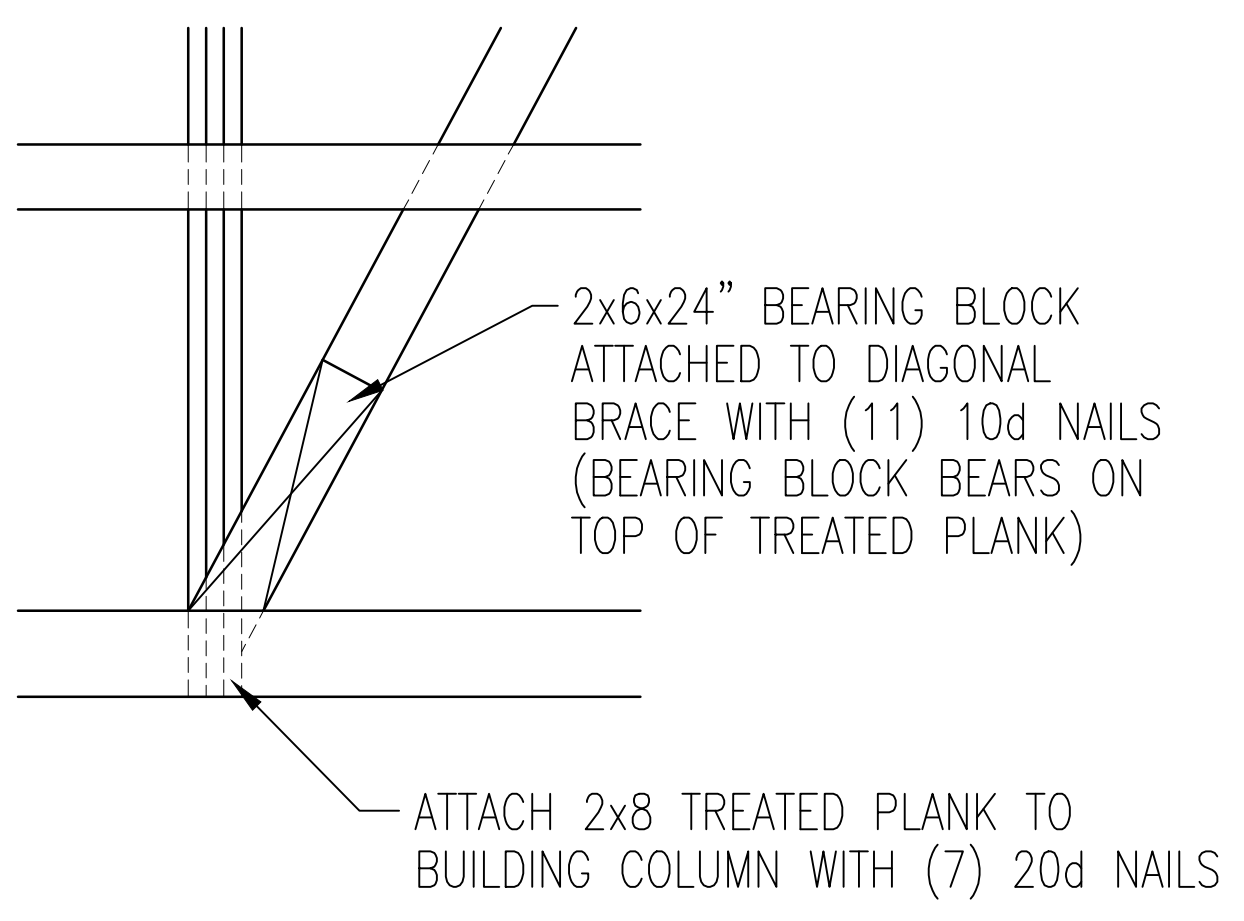
**BRACE CONNECTION DETAIL**  
AT TOP OF BRACE AT CORNER COLUMN



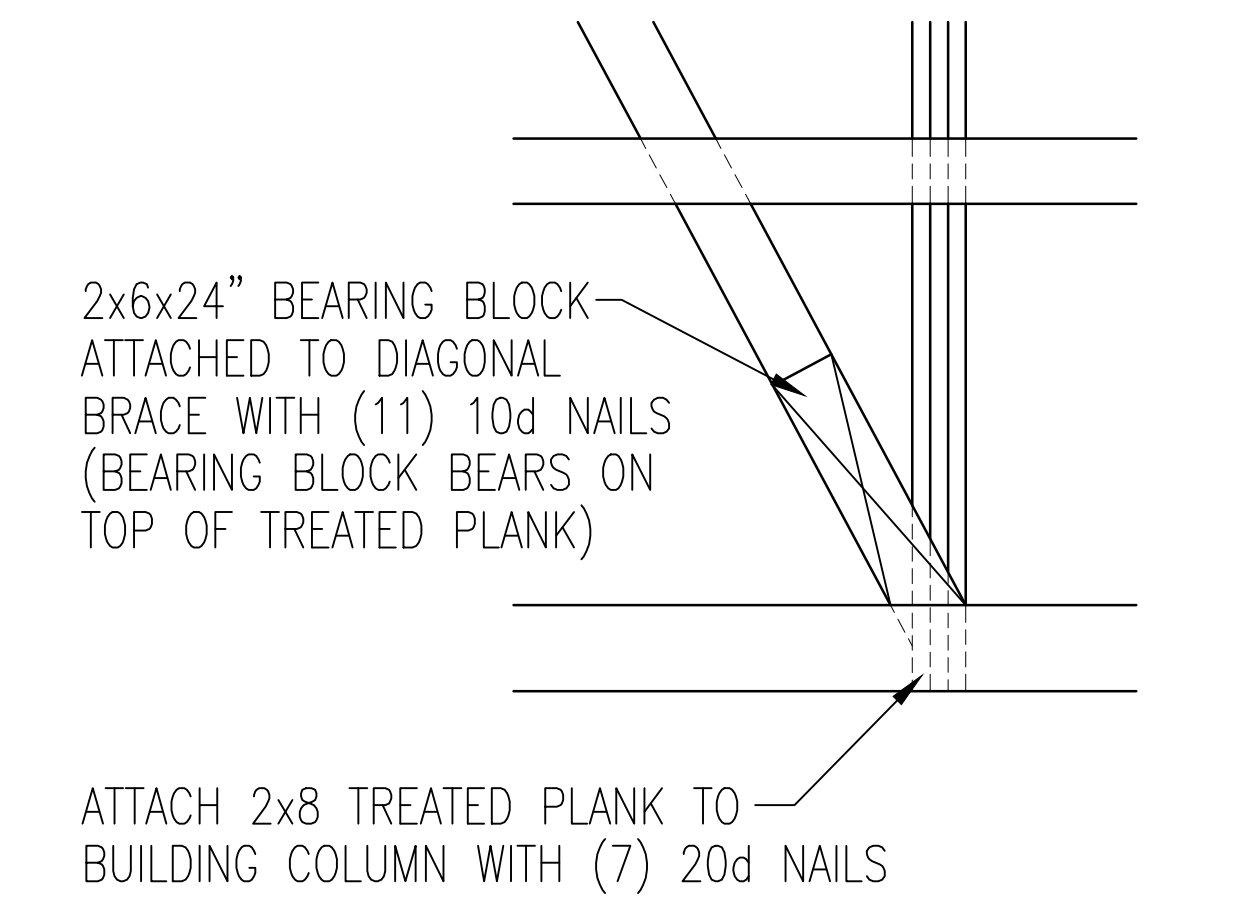
**BRACE CONNECTION DETAIL**  
AT TOP OF BRACE AT ENDWALL COLUMN



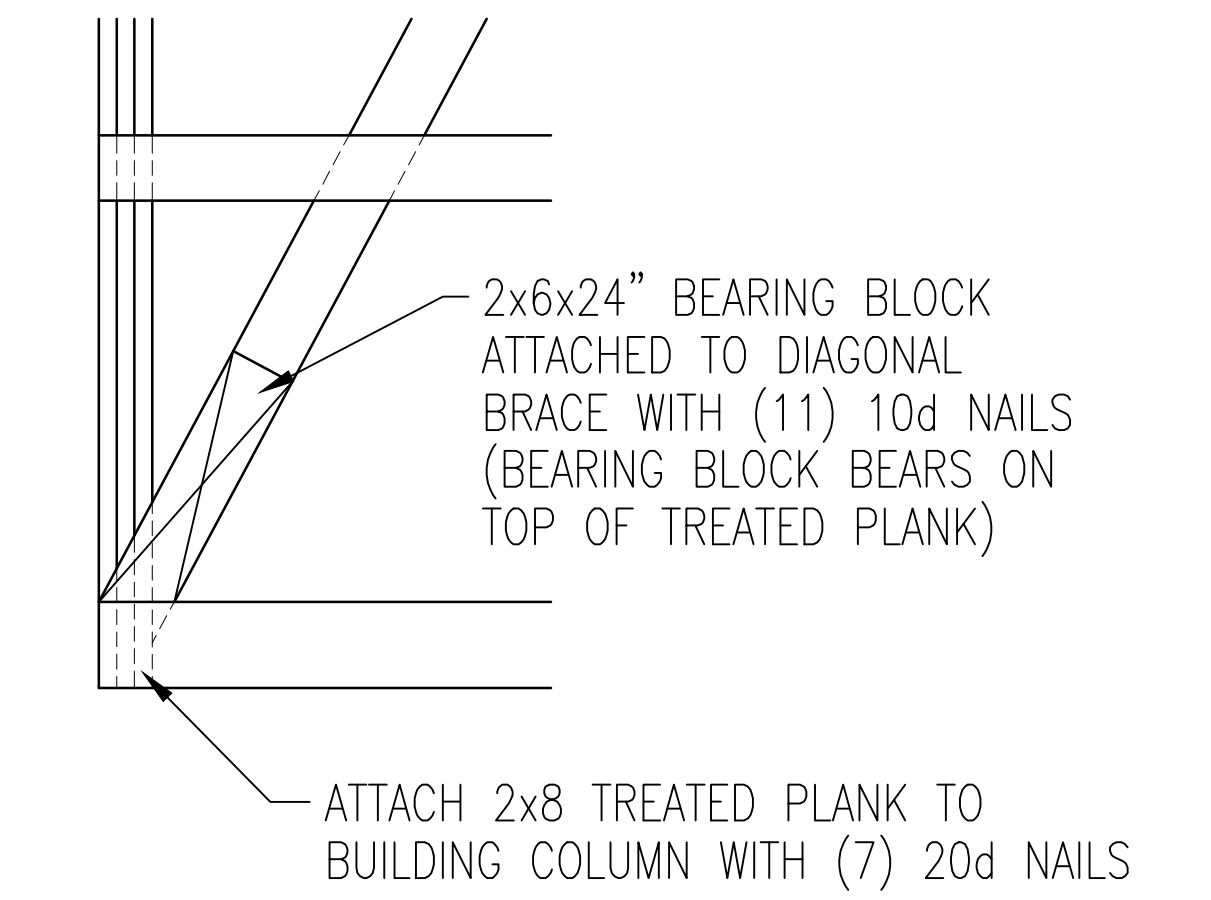
**BRACE CONNECTION DETAIL**  
AT BOTTOM OF BRACE AT ENDWALL COLUMN



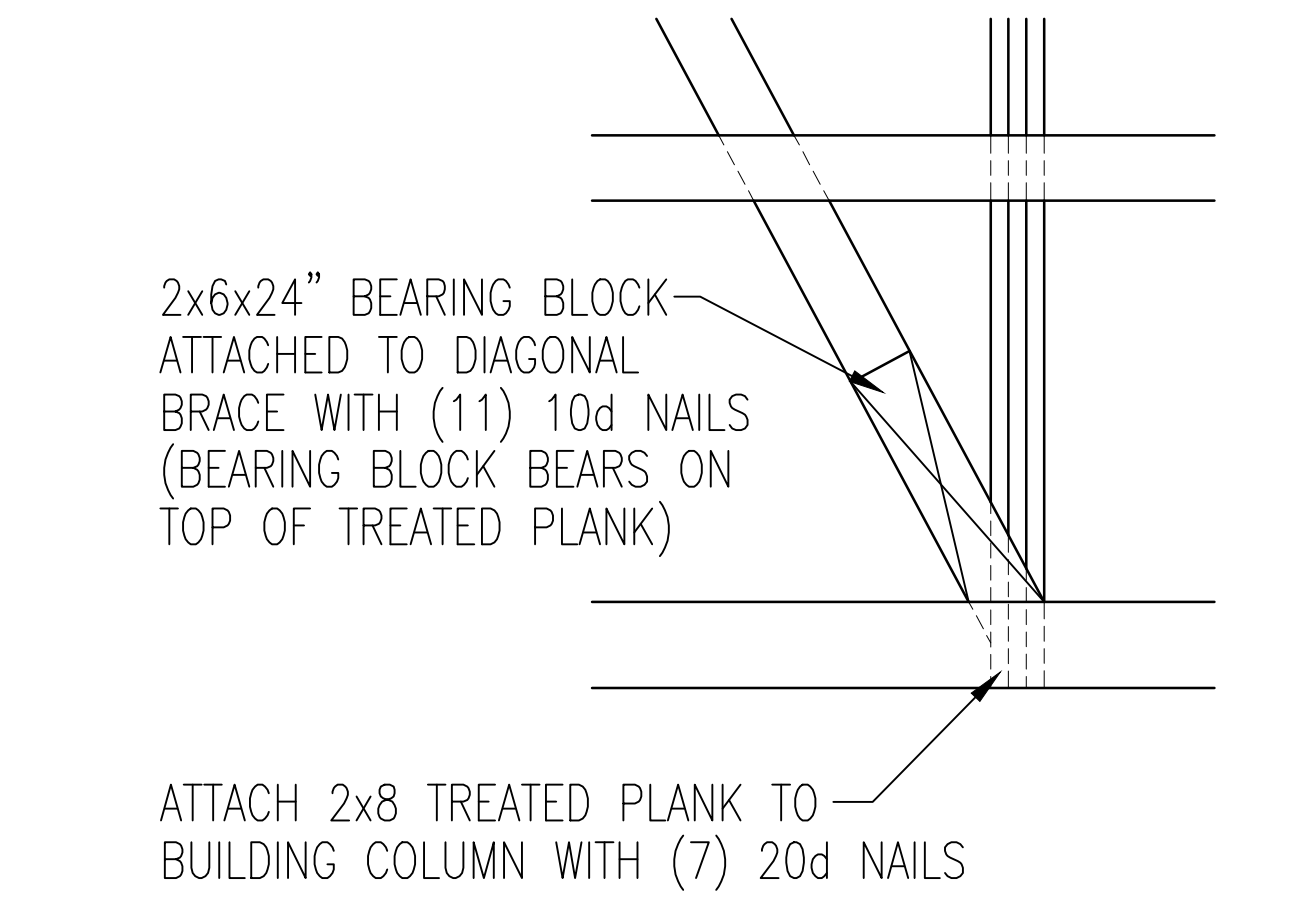
**BRACE CONNECTION DETAIL**  
AT BOTTOM OF BRACE AT ENDWALL COLUMN



**BRACE CONNECTION DETAIL**  
AT BOTTOM OF BRACE AT ENDWALL COLUMN



**BRACE CONNECTION DETAIL**  
AT BOTTOM OF BRACE AT ENDWALL COLUMN



**BRACE CONNECTION DETAIL**  
AT BOTTOM OF BRACE AT ENDWALL COLUMN

**ENDWALL DIAGONAL BRACING DETAIL**  
AT WEST ENDWALL

**ENDWALL DIAGONAL X-BRACING DETAIL**  
AT EAST ENDWALL

PROJECT NAME:  
**CHAPPA, TYLER**

PROJECT SITE ADDRESS:  
1236 N 18TH ST  
SHEBOYGAN, WI 53083 (SHEBOYGAN)

BUILDING SIZE:  
40' 0" x 60' 0" x 16' 8"

SHEET NAME:  
DIAGONAL BRACING DETAILS

PROJECT NUMBER:  
**2025100424**

SHEET NUMBER:  
**140**

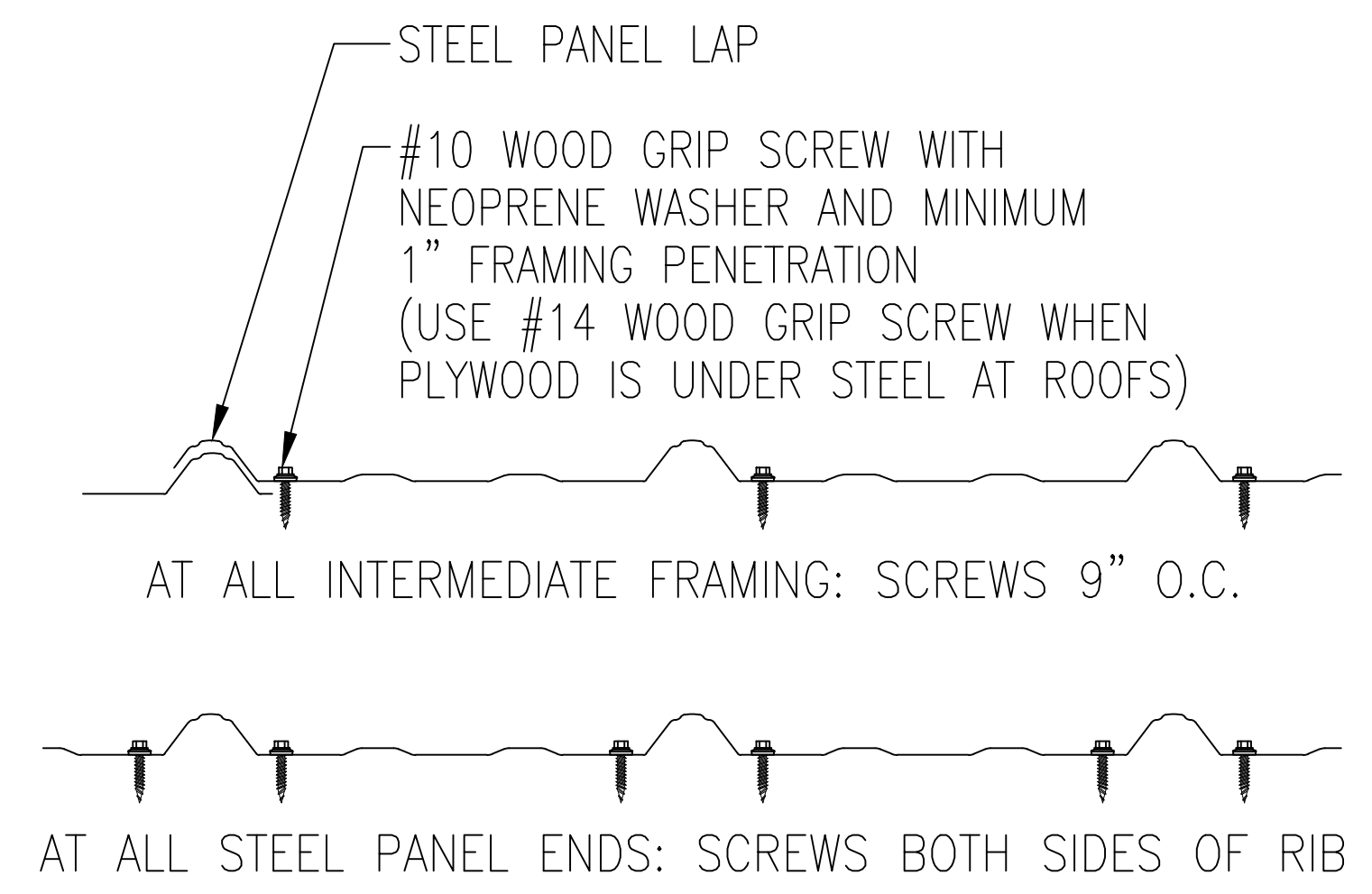
PAPER SCALE IS N.T.S.



**DRAWN BY:** JENKINS  
**DATE DRAWN:** 02/10/25

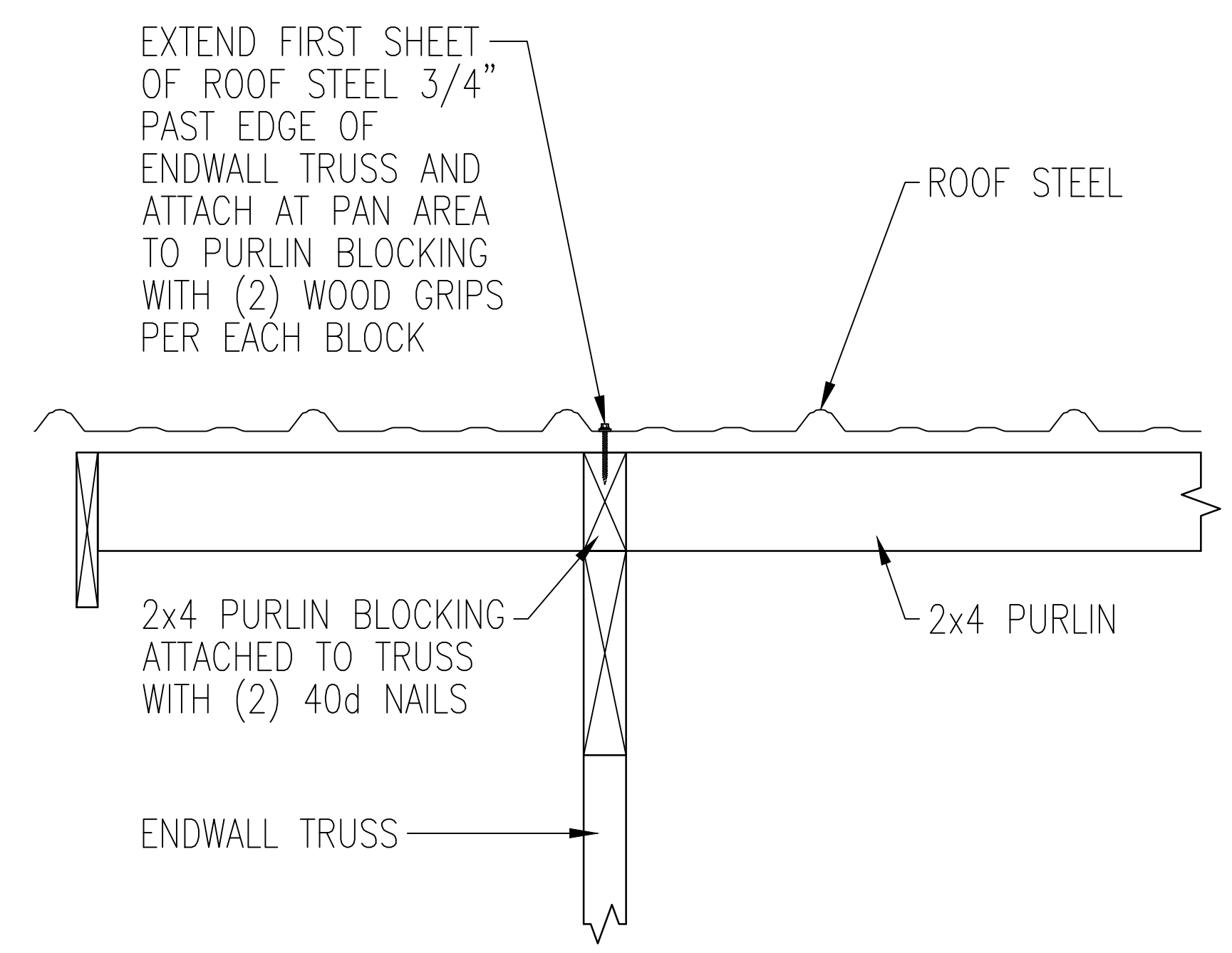
**PLAN REVISIONS:**

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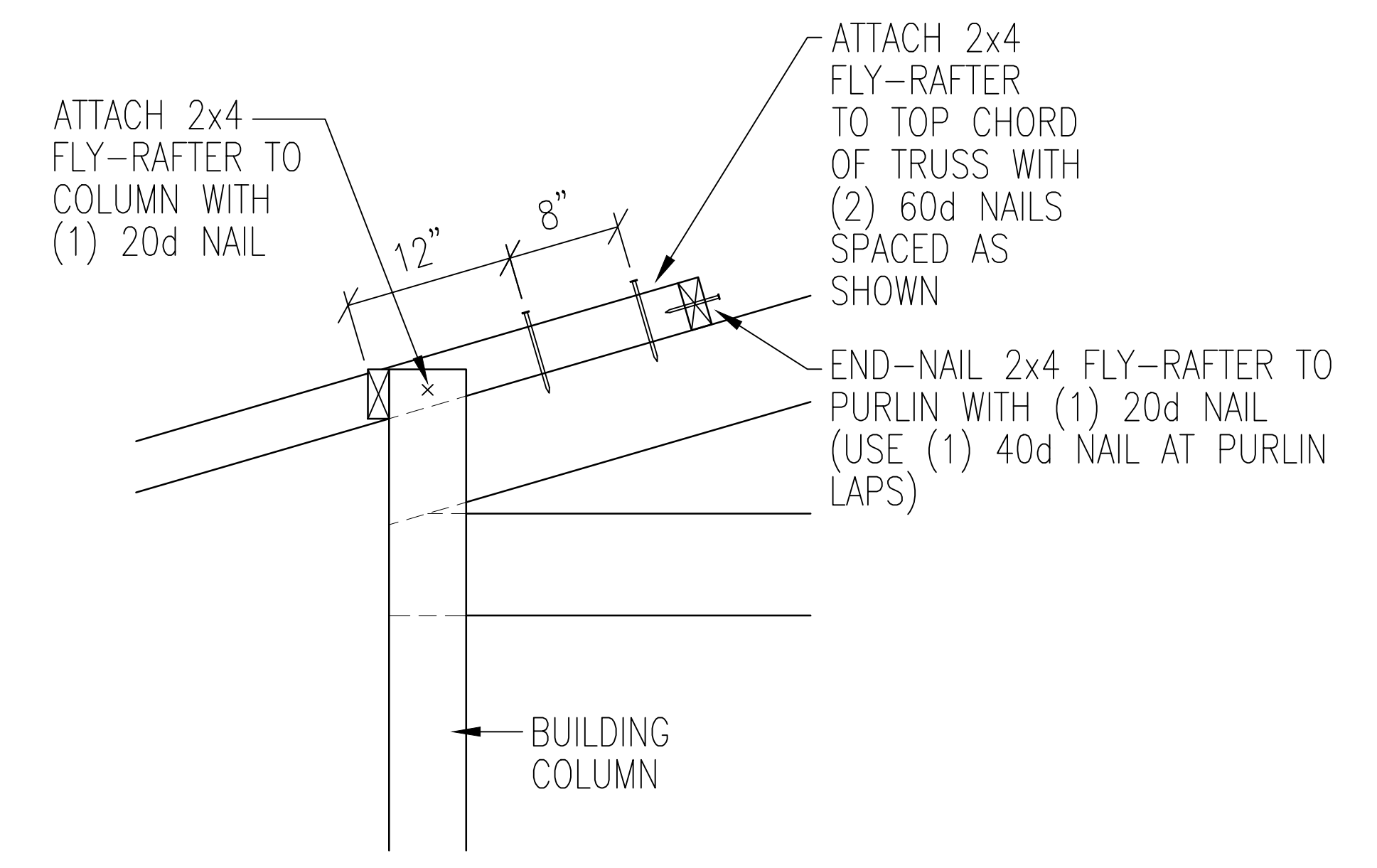


NOTE: PAN NAILS MAY BE SUBSTITUTED FOR PANEL END FASTENERS WHEN CONCEALED BY FLASHING

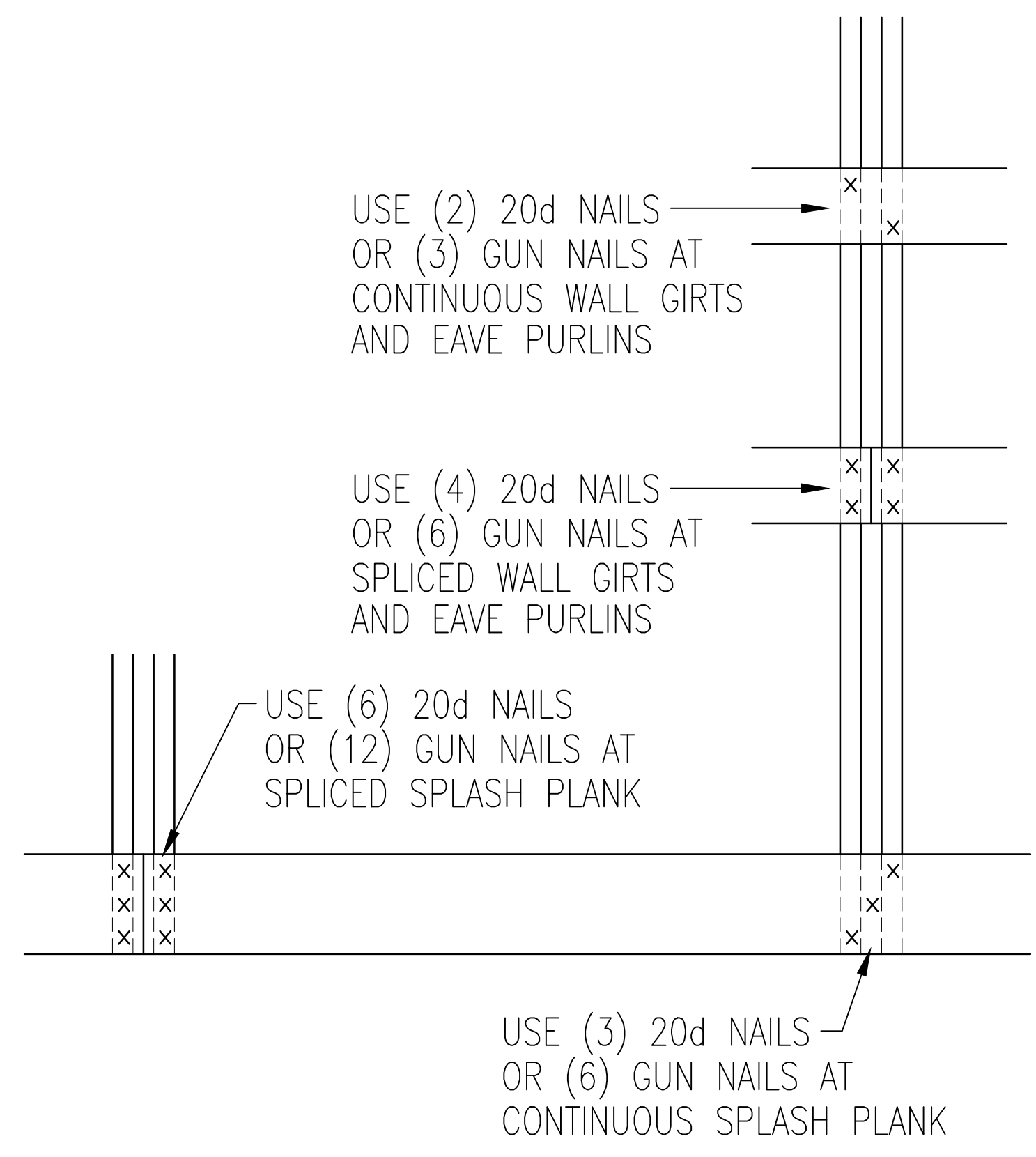
**ROOF AND SIDE STEEL ATTACHMENT DETAIL**



**GABLE DETAIL WITH PURLIN EXTENSION**



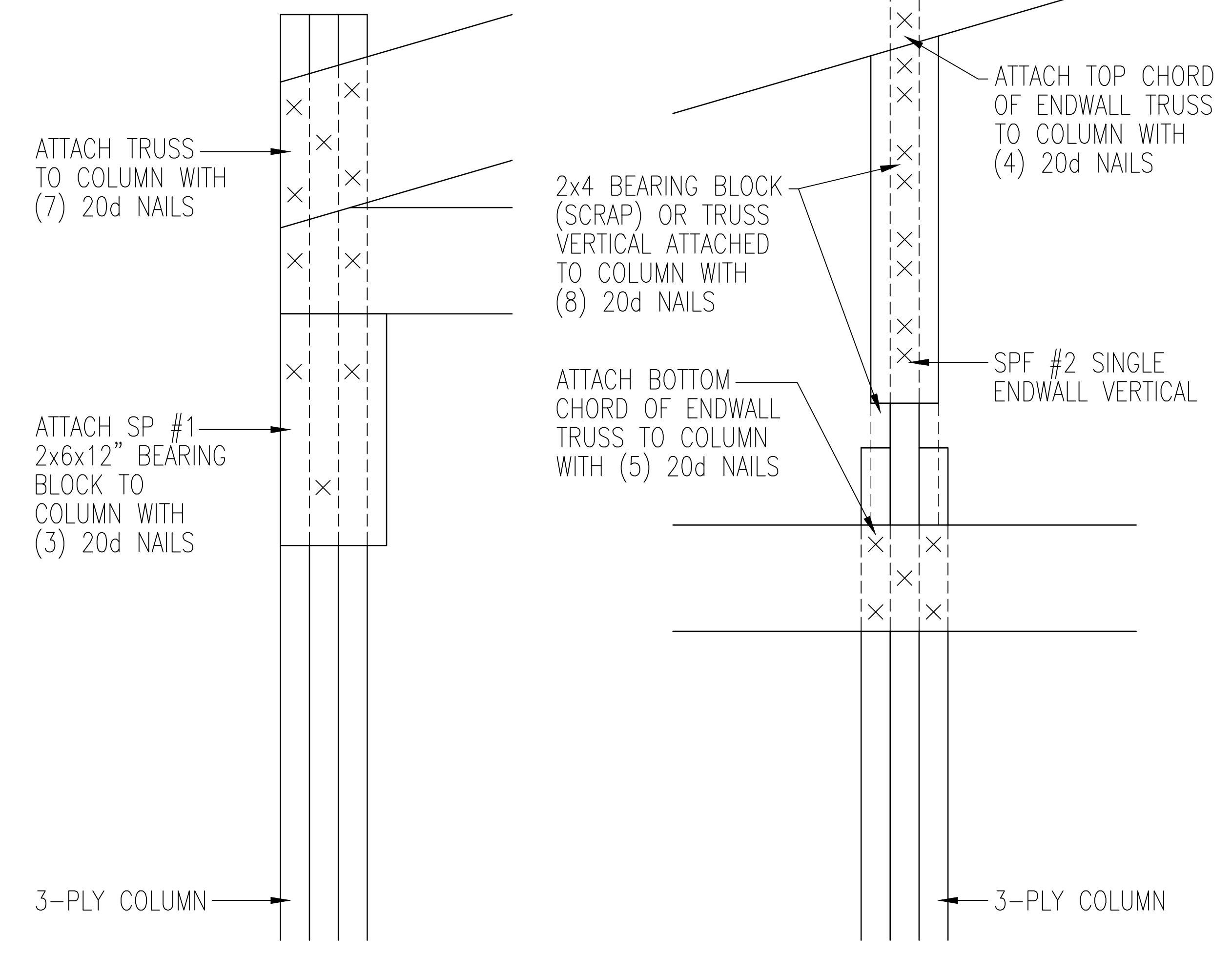
**FLY-RAFTER CONNECTION DETAIL**



NOTE: 20d NAILS TO BE RING SHANK HOT DIPPED GALVANIZED GUN NAIL ALTERNATE = 0.131x3 1/2 RS-TLN

NOTE: SPLASH PLANK AT BRACING LOCATIONS REQUIRE ADDITIONAL FASTENERS (SEE BRACING DETAIL SHEET)

**STANDARD WALL FRAMING NAILING**



**STRUCTURAL ENDWALL TRUSS CONNECTION DETAILS AT BOTH ENDWALLS**

**PROJECT NAME:** CHAPPA, TYLER  
**PROJECT SITE ADDRESS:** 1236 N 18TH ST SHEBOYGAN, WI 53083 (SHEBOYGAN)  
**BUILDING SIZE:** 40' 0" x 60' 0" x 16' 8"  
**SHEET NAME:** DIAPHRAGM ACTION AND MISC. DETAILS

**PROJECT NUMBER:** 2025100424  
**SHEET NUMBER:** 150

PAPER SCALE IS N.T.S.



### TRUSS CHECK

(CHECK BOX AND INITIAL)

- TRUSS SIZE NJJ
- ROOF PITCH NJJ
- BAY SPACING NJJ
- SLC / RLC NJJ
- DESIGN LOADS NJJ
- OVERHANGS NJJ



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NUMBER	DATE	BY
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PROJECT NAME:  
**CHAPPA, TYLER**

PROJECT SITE ADDRESS:  
1236 N 18TH ST  
SHEBOYGAN, WI 53083 (SHEBOYGAN)

BUILDING SIZE:  
40' 0" x 60' 0" x 16' 8"

SHEET NAME:  
TRUSS DIAGRAMS

PROJECT NUMBER:  
**2025100424**

SHEET NUMBER:  
**160**

PAPER SCALE IS N.T.S.



SEQN: 136600 FROM: AJY

COMN Ply: 1 Qty: 1

Job Number: 2025100424

Truss Label: TA39-9PLSC37STNO100C4truss125W

Cust: R 7054 JRef: 1Y7a70540001 T2887

DrwNo: 037.25.1022.03087 / FK 02/06/2025

Loading Criteria (psf)	
TCLL:	37.00
TCDL:	4.00
BCLL:	0.00
BCDL:	1.00
Des Ld:	42.00
NCBCLL:	0.00
Soffit:	2.00
Load Duration:	1.15
Spacing:	120.0"

Wind Criteria	
Wind Std:	ASCE 7-10
Speed:	125 mph
Enclosure:	Closed
Risk Category:	II
EXP:	C Kzt: NA
Mean Height:	20.00 ft
TCDL:	2.4 psf
BCDL:	0.6 psf
MWFRS Parallel Dist:	0 to h/2
C&C Dist a:	3.97 ft
Loc. from endwall:	Any
GCPi:	0.18
Wind Duration:	1.60

Snow Criteria (Pg.Pf in PSF)	
Pg:	47.0
Ct:	1.2
CAT:	II
Pf:	39.5
Ce:	1.0
Lu:	21.0
Cs:	0.94
Snow Duration:	1.15
Building Code:	IBC 2015
TPI Std:	2014
Rep Fac:	No
FT/RT/PT:	20(20)/10(10)/4(0)
Plate Type(s):	
18SS, WAVE, HS	
VIEW Ver:	21.01.01.0429.14

Defl/CSI Criteria	
PP Deflection in loc L/defl L/#	
VERT(LL):	0.815 M 580 240
VERT(CL):	0.930 M 508 240
HORZ(LL):	0.282 I - -
HORZ(TL):	0.322 I - -

Maximum Reactions (lbs)	
Loc	R+ / R- / Rh / Rw / U / RL
P	8393 - / - / - / 1135 / 2817 / 527
Q	8393 - / - / - / 1135 / 2817 / -
Wind reactions based on MWFRS	
P	Brg Wid = 5.5 Min Req = -
Q	Brg Wid = 5.5 Min Req = -
Bearings P & Q are a rigid surface.	
Members not listed have forces less than 375#	
Maximum Top Chord Forces Per Ply (lbs)	
Chords	Tens.Comp. Chords Tens. Comp.
A - B	11110 - 18818 E - F 9354 - 14729
B - C	10715 - 17579 F - G 10758 - 17426
C - D	10758 - 17426 G - H 10716 - 17579
D - E	9354 - 14729 H - I 11111 - 18818

Maximum Bot Chord Forces Per Ply (lbs)	
Chords	Tens.Comp. Chords Tens. Comp.
A - O	17377 - 9917 L - K 15334 - 8478
O - N	15334 - 8472 K - J 15334 - 8478
N - M	15334 - 8472 J - I 17377 - 9911
M - L	12044 - 6326

Maximum Web Forces Per Ply (lbs)	
Webs	Tens.Comp. Webs Tens. Comp.
B - O	1305 - 1729 E - L 4689 - 2347
O - D	1629 - 1197 L - F 2395 - 4655
D - M	2395 - 4655 F - J 1629 - 1197
M - E	4689 - 2347 J - H 1305 - 1729

**Lumber**

Top chord: 2x10 SP 2400F-2.0E;  
Bot chord: 2x8 SP 2400F-2.0E;  
Webs: 2x4 SP #2; W3, W4, W5, W6 2x6 SP 2400F-2.0E;  
Lt Wedge: 2x4 SP #2; Rt Wedge: 2x4 SP #2;

**Loading**

Truss designed for unbalanced snow loads.  
Slope reduction based on Unobstructed Slippery Surface.

**Wind**

Wind loads based on MWFRS with additional C&C member design.

See Cleary Building Corp. drawing for bearing attachment and bottom chord bracing details. This design applies to both open wall and enclosed wall buildings.

In lieu of structural panels or rigid ceiling use purfins to brace TC @ 24" OC.

WI COA #2902-011

155 Harlem Ave  
North Building, 4th Floor  
Glenview, IL 60025

**\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!**

**\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS**

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General Notes page for additional information.

Alpine, a division of ITW Building Components Group Inc, shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.

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SEQN: 136621 FROM: AJY

GABL Ply: 1 Qty: 1

Job Number: 2025100424

Truss Label: TB39-9SEW4WO-H12HEEL125W

Cust: R 7054 JRef: 1Y7a70540001 T2891

DrwNo: 037.25.1023.12560 / FK 02/06/2025

Loading Criteria (psf)	
TCLL:	37.00
TCDL:	4.00
BCLL:	0.00
BCDL:	1.00
Des Ld:	42.00
NCBCLL:	0.00
Soffit:	2.00
Load Duration:	1.15
Spacing:	72.0"

Wind Criteria	
Wind Std:	ASCE 7-10
Speed:	125 mph
Enclosure:	Closed
Risk Category:	II
EXP:	C Kzt: NA
Mean Height:	20.00 ft
TCDL:	2.4 psf
BCDL:	0.6 psf
MWFRS Parallel Dist:	0 to h/2
C&C Dist a:	3.97 ft
Loc. from endwall:	Any
GCPi:	0.18
Wind Duration:	1.60

Snow Criteria (Pg.Pf in PSF)	
Pg:	47.0
Ct:	1.2
CAT:	II
Pf:	39.5
Ce:	1.0
Lu:	21.0
Cs:	0.94
Snow Duration:	1.15
Building Code:	IBC 2015
TPI Std:	2014
Rep Fac:	No
FT/RT/PT:	20(20)/10(10)/4(0)
Plate Type(s):	
HS, WAVE, 18SS	
VIEW Ver:	21.01.01.0429.14

Defl/CSI Criteria	
PP Deflection in loc L/defl L/#	
VERT(LL):	0.215 M 911 240
VERT(CL):	0.245 M 799 240
HORZ(LL):	0.103 H - -
HORZ(TL):	0.117 H - -

Maximum Reactions (lbs)	
Loc	R+ / R- / Rh / Rw / U / RL
Q	1892 - / - / - / 251 / 471 / 317
R	- / -66 / - / 31 / 2 / -
S	1048 - / - / - / 199 / 506 / -
T	628 - / - / 0 / 100 / 138 / -
U	2142 - / - / 0 / 1293 / 578 / -
V	661 - / - / 0 / 103 / 153 / -
G	2214 - / - / - / 297 / 809 / -
W	- / -92 / - / 28 / - / -
X	789 - / - / - / 133 / 352 / -
Y	- / -158 / - / 31 / 17 / -
Z	619 - / - / - / 138 / 301 / -
18SS, WAVE, 18SS	- / - / - / 220 / 331 / -

Maximum Top Chord Forces Per Ply (lbs)	
Chords	Tens.Comp. Chords Tens. Comp.
A - B	3077 - 5846 F - G 3673 - 5617
B - C	1717 - 2685 G - H 1676 - 2672
C - D	3730 - 5629 H - W 1640 - 2861
D - E	2094 - 2903 H - I 2684 - 5777
E - F	2078 - 2904

Maximum Bot Chord Forces Per Ply (lbs)	
Chords	Tens.Comp. Chords Tens. Comp.
A - P	5249 - 2076 L - K 2621 - 1037
P - O	5242 - 2072 K - J 5242 - 2074
O - N	2621 - 1036 J - V 2625 - 1040
N - M	2616 - 1032 J - I 5250 - 2080
M - L	2616 - 1032

**Lumber**

Top chord: 2x8 SP 2400F-2.0E;  
Bot chord: 2x8 SP #1;  
Webs: 2x4 SP #2;  
Lt Wedge: 2x6 SPF #1/#2; Rt Wedge: 2x6 SPF #1/#2;

**Gable Studs**

Dashed pieces are not analyzed and are optional; and may be attached at each end to adjacent pieces and members with connector plates, staples, nails, or other fasteners.

See Cleary Building Corp. drawing for bearing attachment and bottom chord bracing details. This design applies to both open wall and enclosed wall buildings.

In lieu of structural panels or rigid ceiling use purfins to brace TC @ 24" OC.

WI COA #2902-011

155 Harlem Ave  
North Building, 4th Floor  
Glenview, IL 60025

**\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!**

**\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS**

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