

Date: 09/30/2024 - 1:10 PM

Design Name: Wimler Pole Barn Design

Design ID: 316355073756

Estimated price: \$16,629.28 *

*Today's estimated price, future pricing may go up or down. Tax, labor, and delivery not included.



Design & Buy™ POST FRAME

How to recall and purchase a saved design at home



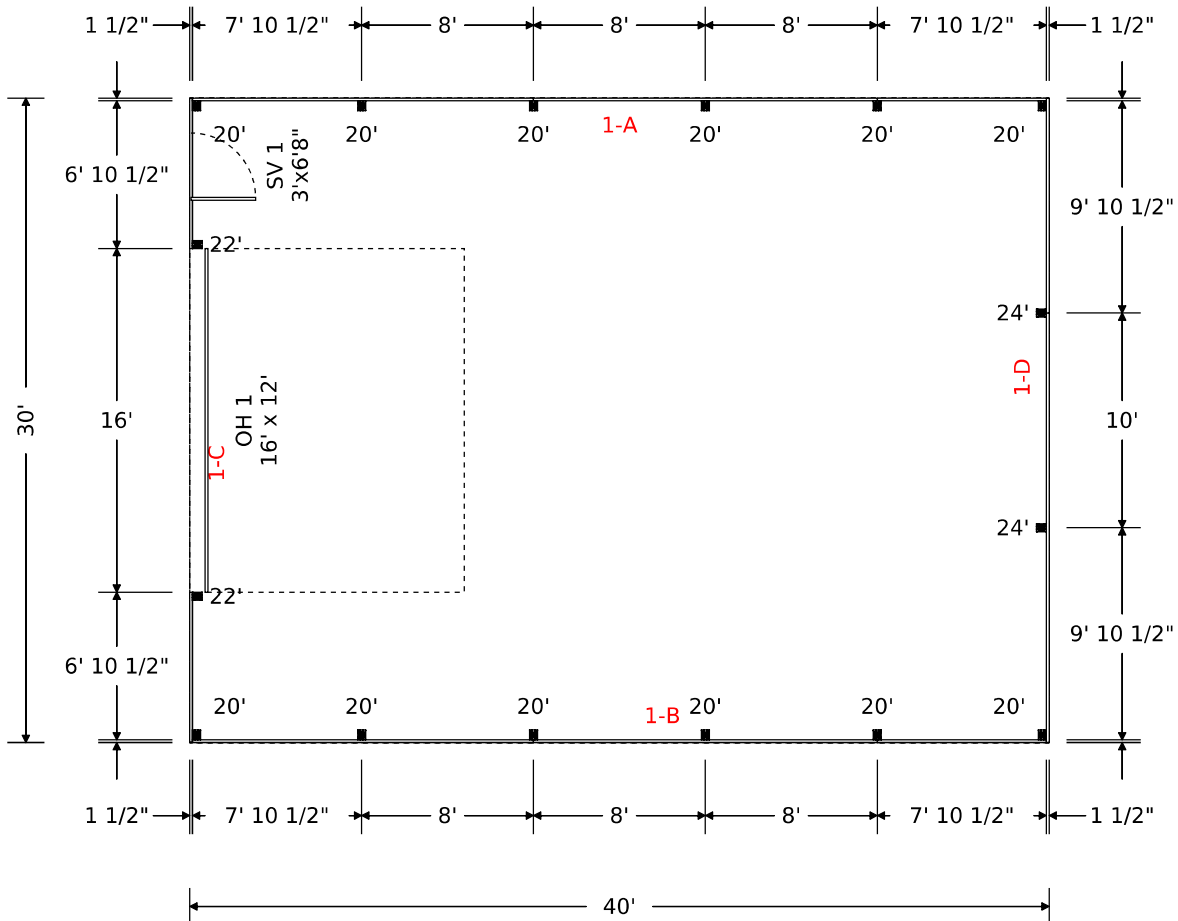
OR

1. On Menards.com, enter "Design & Buy" in the search bar
2. Select the Buildings Designer
3. Recall your design by entering Design ID: 316355073756
4. Follow the on-screen purchasing instructions

How to purchase at the store

1. Enter Design ID: 316355073756 at the Design-It Center Kiosk in the Building Materials Department
2. Follow the on-screen purchasing instructions.

FLOOR PLAN



Design #: 316355073756
Store: BAXTER



Post Frame Building Estimate
Date: Sep 30, 2024, 1:10:13 PM

Elevation Views



Design #: 316355073756
Store: BAXTER



Post Frame Building Estimate
Date: Sep 30, 2024, 1:10:13 PM

Congratulations, you have taken the first step towards making your new post frame building a reality!

- You have selected Menards to provide you with superior products produced by Midwest Manufacturing that will meet your needs. For a more detailed look at these premium products visit us on the web at www.midwestmanufacturing.com.

*Delivery charge is not included in price. Items ordered to complete your building from vendors other than Midwest Manufacturing are not available for pickup from the plant.

Design #: 316355073756
Store: BAXTER



Post Frame Building Estimate
Date: Sep 30, 2024, 1:10:13 PM

Building Information

1. Building Use:	Code Exempt
2. Width:	30 ft
3. Length:	40 ft
4. Inside Clear Height:	14 ft
5. Floor Finish:	Concrete
6. Floor Thickness:	4 in
7. Post Foundation:	Post Embedded
8. Post Embedment Depth:	4 ft
9. Footing Pad Size:	14 in x 4 in

Wall Information

1. Post Spacing:	8 ft
2. Post Type:	Columns
3. Girt Type:	Flat
4. Exterior Wall Panel:	Pro-Rib
5. Exterior Wall Color:	Brown
6. Trim Color:	Burnished Slate
7. Wainscot Size:	40 in
8. Wainscot Color:	Burnished Slate
9. Sidewall A Wainscot:	Yes
10. Sidewall B Wainscot:	Yes
11. Endwall D Wainscot:	Yes
12. Endwall C Wainscot:	Yes
13. Gable Accent:	No
14. Sidewall A Eave Light:	None
15. Sidewall B Eave Light:	None
16. Wall Fastener Location:	In the Flat
17. Bottom Trim:	Yes
18. Gradeboard Type:	2x8 Treated Gradeboard

Interior Finish

1. Wall Insulation Type:	None
2. Wall Liner Type:	None
3. Roof Condensation Control:	None

Roof Information

1. Pitch:	4/12
2. Truss Spacing:	8 ft
3. Roof Type:	Pro-Rib
4. Roof Color:	Burnished Slate
5. Ridge Options:	Universal Ridge Cap
6. Roof Fastener Location:	On the Rib
7. Endwall Overhangs:	1 ft
8. Sidewall Overhangs:	1 ft
9. Fascia Size:	4 in Fascia
10. Soffit Color:	Burnished Slate
11. Skylight Size:	None
12. Ridge Vent Quantity:	None
13. Ceiling Liner Type:	None
14. Purlin Placement:	On Edge
15. Ceiling Insulation Type:	None

Accessories

1. Outside Closure Strip:	Standard
2. Inside Closure Strip:	Standard
3. Gable Vent Type:	None
4. Cupola Size:	None
5. Gutters:	No
6. End Cap:	No
7. Mini Print:	Email Only

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Post Frame Building Estimate
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Doors & Windows

Name	Size	Wall
Window	48"x36"	1-A
Window	48"x36"	1-B
Window	48"x36"	1-B
Window	48"x36"	1-B
Overhead Door	16' x 12'	1-C
Service Door	36"x80"	1-C
Window	48"x36"	1-C

Floor type (concrete, dirt, gravel) is NOT included in estimated price. The floor type is used in the calculation of materials needed. Labor, foundation, steel beams, paint, electrical, heating, plumbing, and delivery are also NOT included in estimated price. This is an estimate. It is only for general price information. This is not an offer and there can be no legally binding contract between the parties based on this estimate. The prices stated herein are subject to change depending upon the market conditions. The prices stated on this estimate are not firm for any time period unless specifically written otherwise on this form. The availability of materials is subject to inventory conditions. MENARDS IS NOT RESPONSIBLE FOR ANY LOSS INCURRED BY THE GUEST WHO RELIES ON PRICES SET FORTH HEREIN OR ON THE AVAILABILITY OF ANY MATERIALS STATED HEREIN. All information on this form, other than price, has been provided by the guest and Menards is not responsible for any errors in the information on this estimate, including but not limited to quantity, dimension and quality. Please examine this estimate carefully. MENARDS MAKES NO REPRESENTATIONS, ORAL, WRITTEN OR OTHERWISE THAT THE MATERIALS LISTED ARE SUITABLE FOR ANY PURPOSE BEING CONSIDERED BY THE GUEST. BECAUSE OF WIDE VARIATIONS IN CODES, THERE ARE NO REPRESENTATIONS THAT THE MATERIALS LISTED HEREIN MEET YOUR CODE REQUIREMENTS. THE PLANS AND/OR DESIGNS PROVIDED ARE NOT ENGINEERED. LOCAL CODE OR ZONING REGULATIONS MAY REQUIRE SUCH STRUCTURES TO BE PROFESSIONALLY ENGINEERED AND CERTIFIED PRIOR TO CONSTRUCTION.

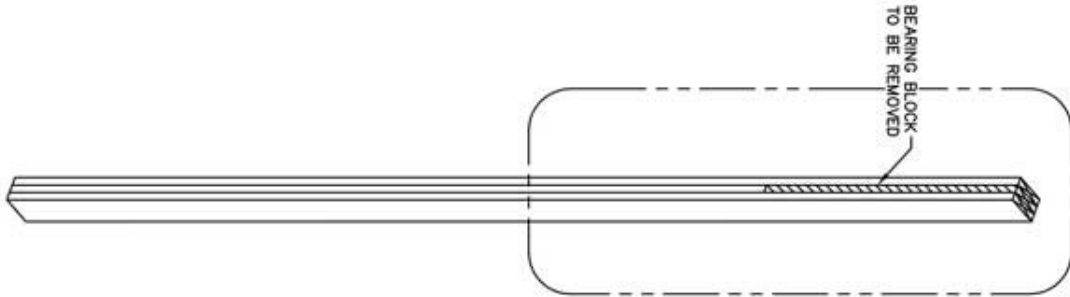
For other design systems search "Design & Buy" on Menards.com

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Project Name: QTREC0863455		Qty: 5	Truss: P1																																																																																																																																			
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NOTICE A copy of this design shall be furnished to the erection contractor. The design of this individual truss is based on design criteria and requirements supplied by the Truss Manufacturer and relies upon the accuracy and completeness of the information set forth by the Building Designer. A seal on this drawing indicates acceptance of professional engineering responsibility solely for the truss component design shown. See the cover page and the "Important Information & General Notes" page for additional information. All connector plates shall be manufactured by Simpson Strong-Tie Company, Inc in accordance with ESR-2762. All connector plates are 20 gauge, unless the specified plate size is followed by a "-18" which indicates an 18 gauge plate, or "S# 18", which indicates a high tension 18 gauge plate.																																																																																																																																						
			Midwest Manufacturing 5311 Kane Road Eau Claire, WI 54703 (715) 876-5555 midwestmanufacturing.com																																																																																																																																			

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13-14	778	29	0.11																																																																																																				
14-15	778	29	0.11																																																																																																				
15-16	778	29	0.11																																																																																																				
16-17	778	29	0.11																																																																																																				
17-18	778	29	0.11																																																																																																				
18-19	778	29	0.11																																																																																																				
19-20	778	29	0.16																																																																																																				
Web 2-10	268	1237	0.30																																																																																																				
3-12	158	1110	0.36																																																																																																				
5-16	158	1110	0.36																																																																																																				
6-18	268	1237	0.30																																																																																																				
		Deflection Summary TrussSpan Limit Actual(in) Location Vert LL L/240 L/999(-0.01) 20- 7 Vert DL L/120 L/999(-0.00) 20- 7 Vert CR L/180 L/999(-0.01) 20- 7 Horiz LL 0.75in (0.01) @Jt 7 Horiz CR 1.25in (0.01) @Jt 7																																																																																																					
		Bracing Data Summary -----Bracing Data----- Chords; Sheathing required or bracing indicated: -----Purlins----- ---oc--- --From--- --To--- #Bays TC 2-00-00 0 30-00-00 16 BC 10-00-00 0 30-00-00 3 Web Bracing -- None																																																																																																					
		Plate offsets (X, Y): (None unless indicated below) Jnt4(0,-00-08)																																																																																																					
		Joint Stress Index (JSI): Jnt1(0.35), Jnt2(0.98), Jnt3(0.49), Jnt4(0.33), Jnt5(0.49), Jnt6(0.98), Jnt7(0.35), Jnt10(0.50), Jnt12(0.50), Jnt14(0.37), Jnt16(0.50), Jnt18(0.50), Jnt21(0.78), Jnt22(0.78)																																																																																																					
Notes If this truss is exposed to wind load perpendicular to the plane of the truss, gable studs must be braced according to the Construction Documents, BCSI-B3, or a gable stud bracing detail matching the design wind speed shown. Lateral bracing of the truss itself to resist out-of-plane wind load must be in accordance with the Construction Documents. The maximum rake overhang length is 27.0". Plates designed for Cq at 0.85 and Rotational Tolerance of 10.0 degrees. A "pm" next to the plate size indicates that the plate has been user modified; see Plate Offsets for any special positioning requirements. C&C wind pressure has not been considered in the design of this truss. Lumber and plating have been applied symmetrically.																																																																																																							
NOTICE A copy of this design shall be furnished to the erection contractor. The design of this individual truss is based on design criteria and requirements supplied by the Truss Manufacturer and relies upon the accuracy and completeness of the information set forth by the Building Designer. A seal on this drawing indicates acceptance of professional engineering responsibility solely for the truss component design shown. See the cover page and the "Important Information & General Notes" page for additional information. All connector plates shall be manufactured by Simpson Strong-Tie Company, Inc in accordance with ESR-2762. All connector plates are 20 gauge, unless the specified plate size is followed by a "-18" which indicates an 18 gauge plate, or "S# 18", which indicates a high tension 18 gauge plate.																																																																																																							
		Midwest Manufacturing 5311 Kane Road Eau Claire, WI 54703 (715) 876-5555 midwestmanufacturing.com																																																																																																					

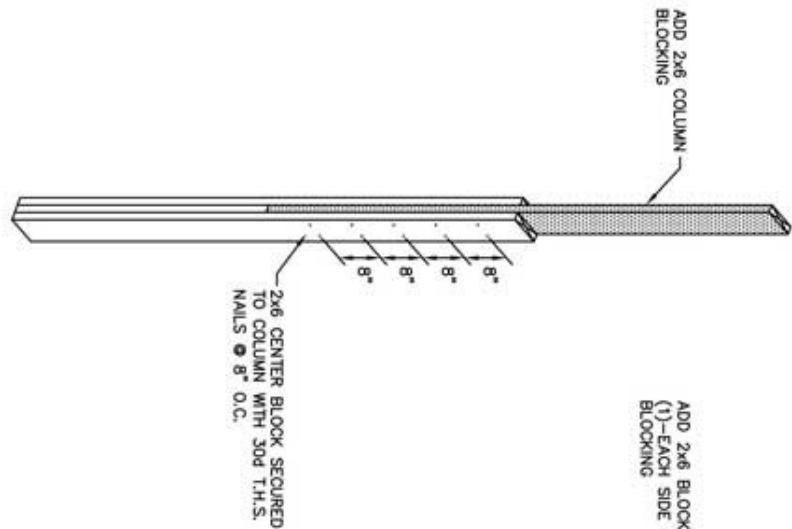
ORIGINAL COLUMN



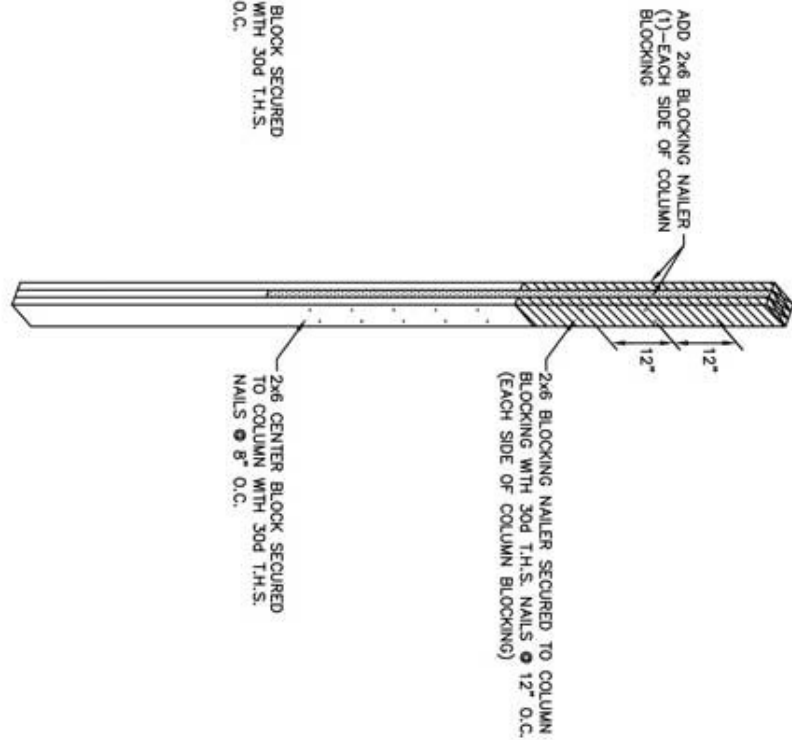
STEP 1
REMOVE CENTER BLOCK



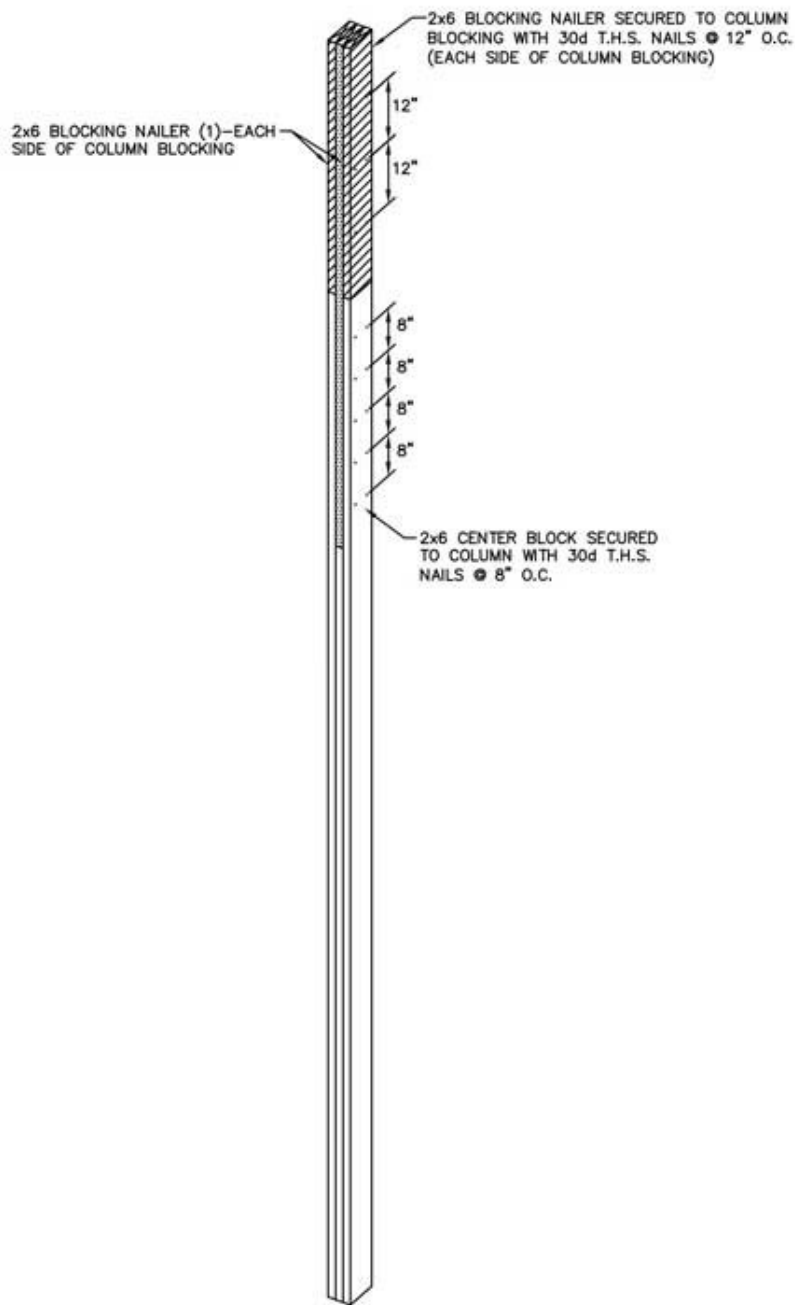
STEP 2
ADD CENTER BLOCK
NAILS @ 8" O.C.



STEP 3
ADD SIDE BLOCKING NAILERS
NAILS @ 12" O.C.



MM ENDWALL COLUMN BLOCKING
ENGINEERING SERVICES
5081 KANE RD. SAU CLARK, WI 54983 (715) 876-0000



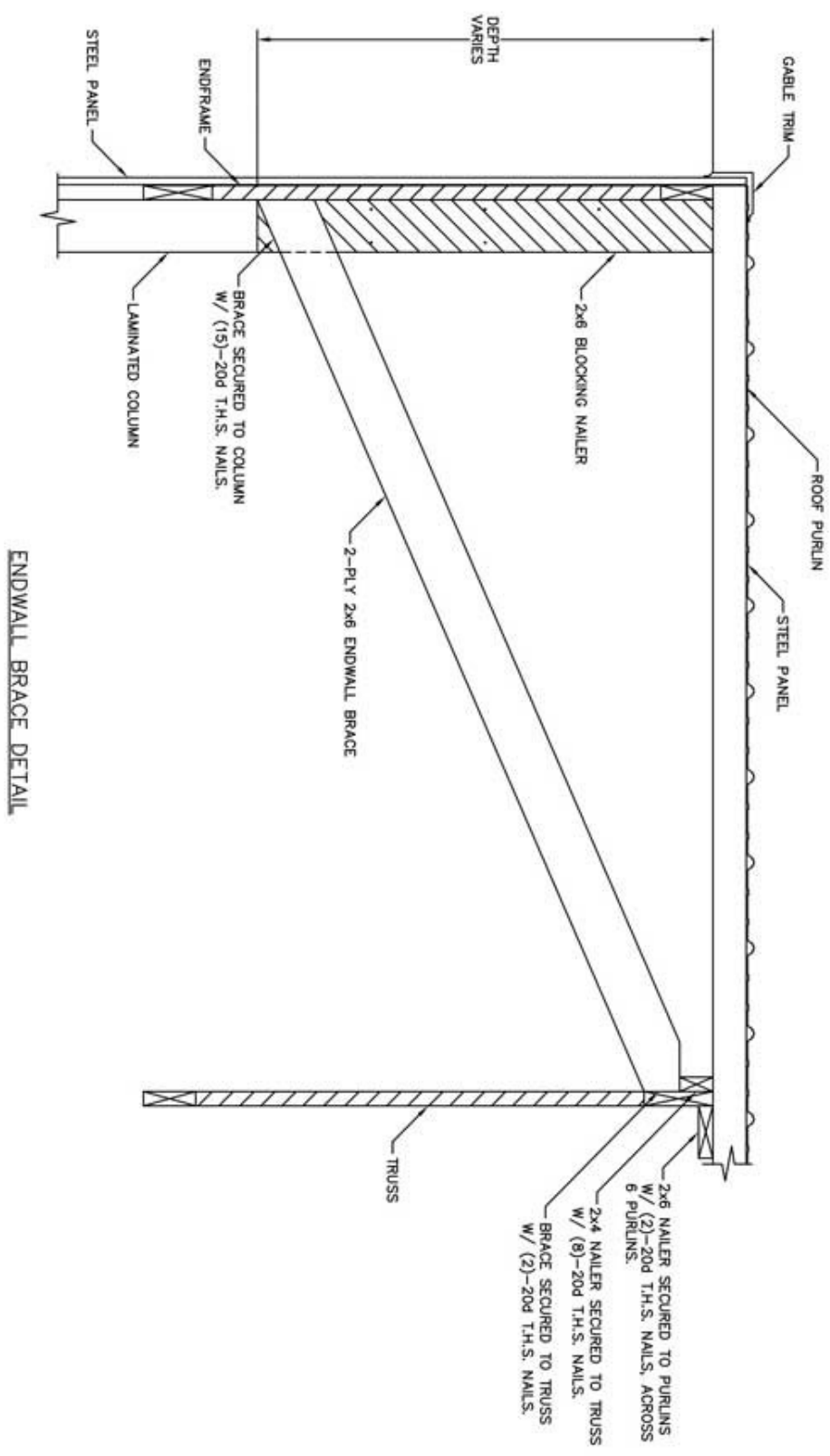
ENDWALL COLUMN BLOCKING DETAIL

ENDWALL COLUMN BLOCKING DETAIL



ENGINEERING SERVICES

5311 KANE RD. WAU CLAIRE, WI 54980 (715) 876-8666



ENDWALL BRACE DETAIL

MM ENDWALL BRACE DETAIL
ENGINEERING SERVICES
5011 KANE RD. SAU CLARE, WI 54903 (715) 876-0000