August 12, 2024

Dear Plan Commission:

Please accept this letter and all enclosed materials as formal request for a conditional use permit to construct a second accessory building at 1629 E. Main St.
This is a single family residential property on which we request a permit to build an accessory building for storage. The building is proposed at the SE corner of the property, and would include an additional access from Kuckkan Lane.

The conditional use permit is requested based on the following:

- The proposed height of the building is not to exceed 18.5 ft., with the height of the walls at 15 ft and the peak not to exceed 22 ft.
- The proposed building is 48' x 48' (36' x 48' with an open wall lean-to measuring 12' x 48') for a total of 1,728 square feet. This is less than 10% of the total property measuring 101,930 square feet.
- The proposed external veneer is corrugated steel. However, in order to increase the curb appeal and decrease the industrial appearance of the building, two-tone Wainscoting is proposed.

Please see the attached site plan and building plans for additional details. Feel free to contact me if you have any additional questions.

Sincerely,

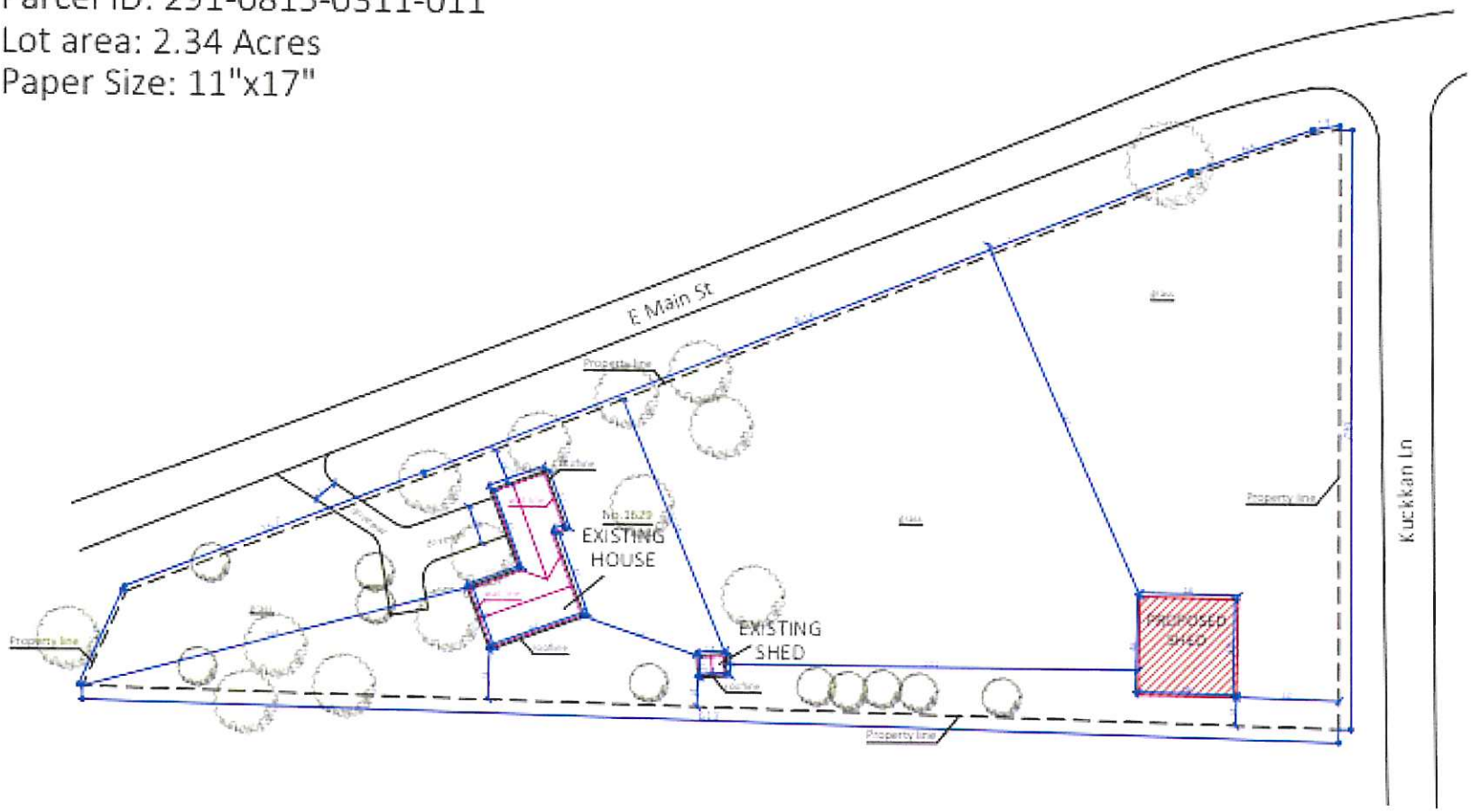
Todd Grady
920-988-9477
Todd.Grady.Mobile@Gmail.com

SITE PLAN

1629 E Main St
Watertown, WI 53094
Parcel ID: 291-0815-0311-011
Lot area: 2.34 Acres
Paper Size: 11"x17"

N

scale 1"=50'



Date: 08/05/2024 - 1:42 PM
Design Name: Post Frame Design
Design ID: 315954232505
System V Estimate ID: 72828

MENARDS
Design & Buy™
POST FRAME

Estimated price: $25,020.23 *

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

How to recall and purchase a saved design at home

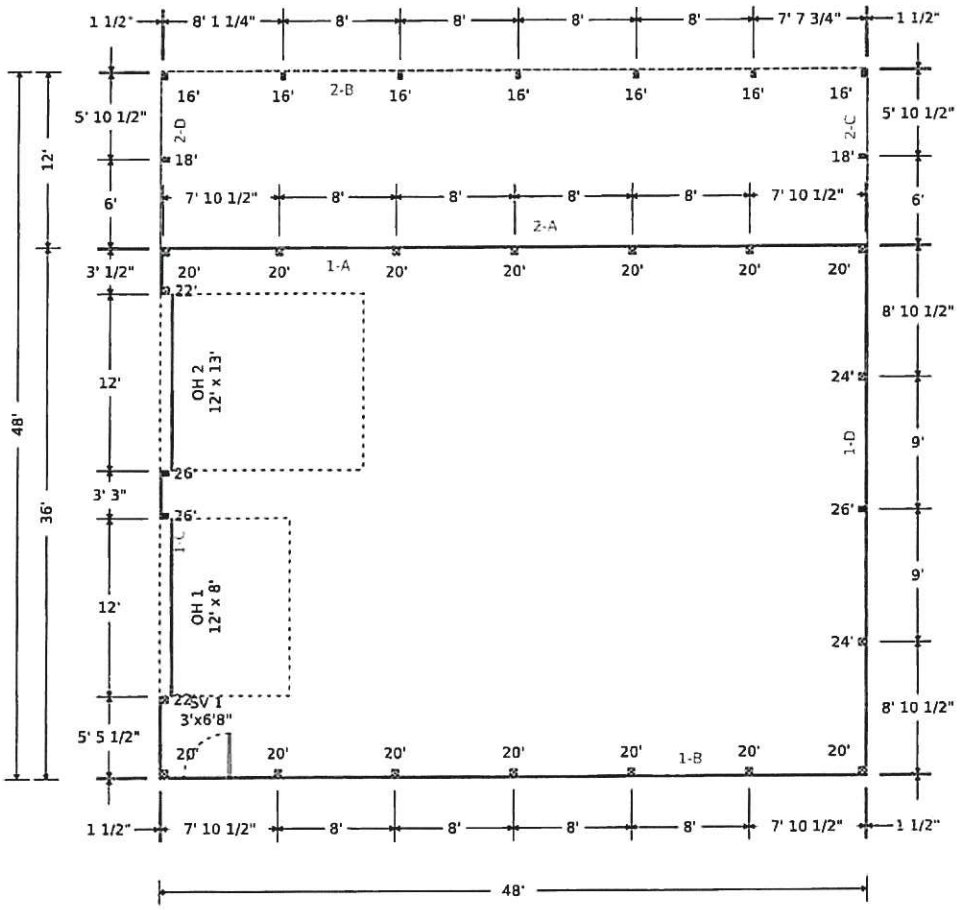
OR

1. On Menards.com, enter "Design & Buy" in the search bar
2. Select the Buildings Designer
3. Recall your design by entering Design ID: 315954232505
4. Follow the on-screen purchasing instructions

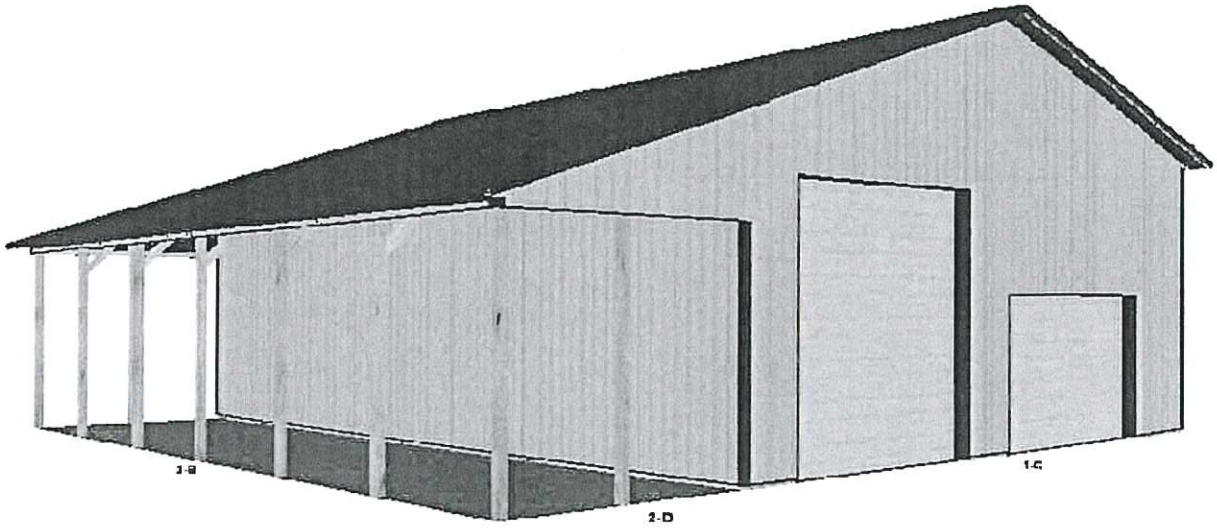
How to purchase at the store

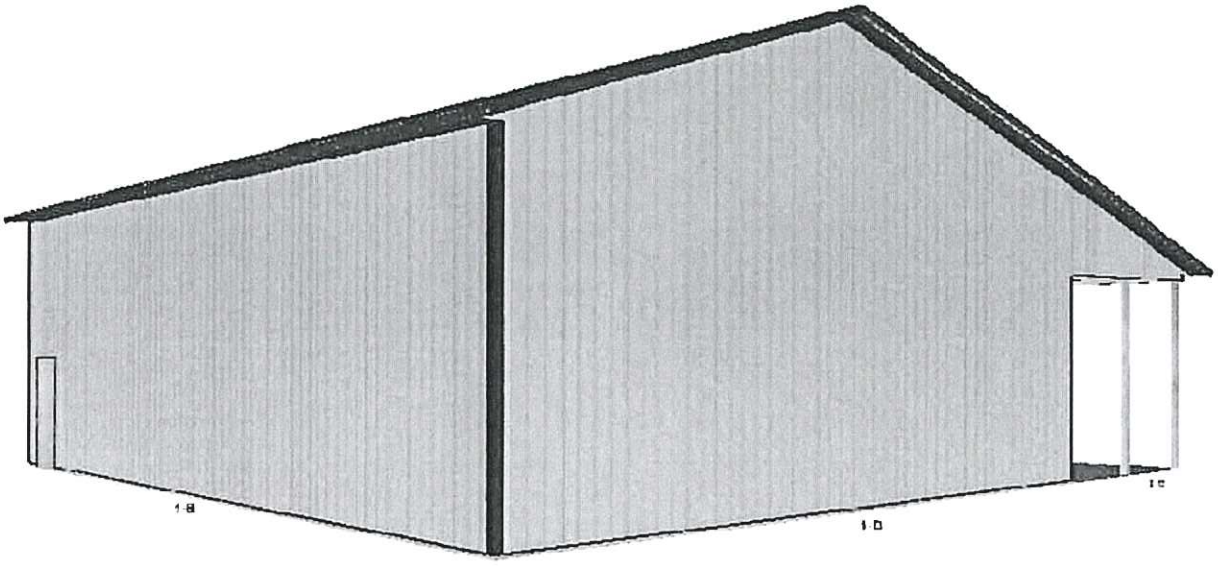
1. Enter Design ID: 315954232505 at the Design-It Center Kiosk in the Building Materials Department
2. Follow the on-screen purchasing instructions.

FLOOR PLAN



Elevation Views





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.

Building Information

1. Building Use:	Code Exempt
2. Width:	36 ft
3. Length:	48 ft
4. Inside Clear Height:	15 ft
5. Floor Finish:	Dirt / Gravel
6. Post Embedment Depth:	4 ft
7. Footing Pad Size:	14 in x 4 in

Wall Information

1. Post Spacing:	8 ft
2. Post Type:	Posts
3. Girt Type:	Flat
4. Exterior Wall Panel:	Pro-Rib
5. Exterior Wall Color:	Light Stone
6. Trim Color:	Brown
7. Gable Accent:	No
8. Sidewall A Eave Light:	None
9. Sidewall B Eave Light:	None
10. Wall Fastener Location:	In the Flat
11. Gradeboard Type:	2x6 Treated Gradeboard

Interior Finish

1. Wall Insulation Type:	None
2. Wall Liner Type:	None
3. Roof Condensation Control:	Block-It House Wrap

Roof Information

1. Pitch:	4/12
2. Truss Spacing:	8 ft
3. Roof Type:	Pro-Rib
4. Roof Color:	Brown
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:	Brown
11. Skylight Size:	None
12. Ridge Vent Quantity:	None
13. Ceiling Liner Type:	ProRib
14. Purlin Placement:	On Edge
15. Ceiling Liner Color:	White
16. Ceiling Insulation Type:	7.75" Fiberglass Blow In (R-22)

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

Leans

Building 2	
Attaching wall:	A
Endwall overhang length:	1 ft
Sidewall overhang length:	1 ft
Add snow guards:	No
Remove every other post:	No
Length:	48 ft
Depth:	12 ft
Drop Distance From Roof:	0 ft
Position From Left:	0 ft
Approximate Clear Height:	10 ft
Open interior wall:	No
Open exterior walls:	Side And End Walls
Remove every other interior wall post:	No

Doors & Windows

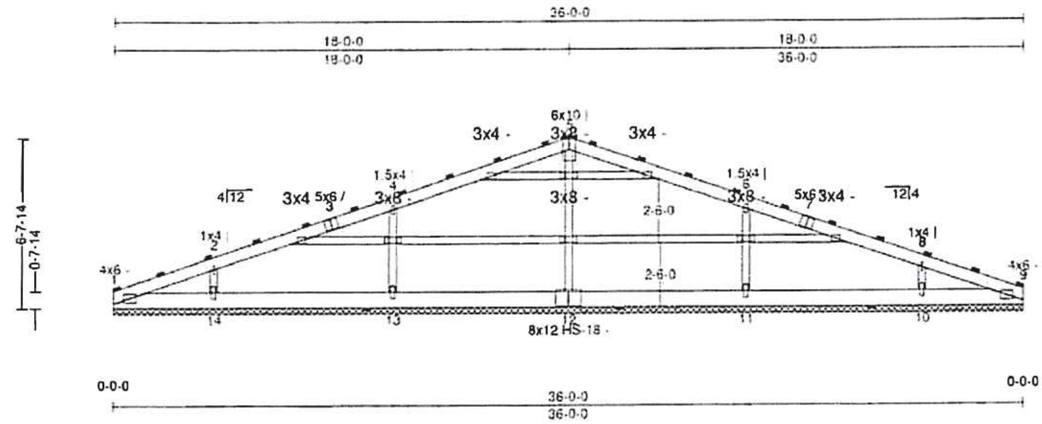
Name	Size	Wall
Service Door	36"x80"	1-B
Overhead Door	12' x 8'	1-C
Overhead Door	12' x 13'	1-C

Lean Open Walls

Wall	Every Other Post Removed
2-B	No
2-C	No
2-D	No

	My Company Name Address 1 Address 2 City, State Zip	Truss: p36e JobName: new pt ends Date: 10/22/16 13:23:07 Page: 1 of 1

SPAN	PITCH	QTY	OHL	OHR	CANT L	CANT R	PLYS	SPACING	WGT/PLY
36-0-0	4/12	1	0-0-0	0-0-0	0-0-0	0-0-0	1	48 in	199 lbs



All plates shown to be Eagle 20 unless otherwise noted.

Loading (psf)	General	CSI Summary	Deflection		L/	(loc)	Allowed
TCLL: 30	Bldg Code: IBC 2012/ TPI 1-2007	TC: 0.78 (5-6)	Vert TL:	0.01 in	L/999	(10-11)	L/120
Snow(Ps/Pg): 28/50		BC: 0.08 (12-13)	Vert LL:	0 in	L/999	9	L/180
TCDL: 4 (rake)	Rep Mbr Increase: No	Web: 0.61 (5-12)	Horz TL:	0 in			
BCLL: 0	Lumber D.O.L.: 115 %						
BCDL: 5							

Reaction Summary

Brg Combo	Brg Width	Max React	Ave React	Max Grav Uplift	Max Wind Uplift	Max Uplift	Max Horz
1		1,478 lbs	179 plf	-	-112 lbs	-112 lbs	116 lbs

Material Summary

TC	SPF #2 2 x 6
BC	SPF #2 2 x 8
Webs	SPF Stud 2 x 4

Bracing Summary

TC Bracing	Purlins at 24 " OC, Purlin design by Others.
BC Bracing	Sheathed or Purlins at 10-0-0, Purlin design by Others.

Loads Summary

1) This truss has been designed for the effects of balanced and unbalanced snow loads for hip/gables in accordance with ASCE7 - 10 with the following user defined input: 50 psf ground snow load, Terrain Category C, Exposure Category Fully Exposed (Ce = 0.9), Risk Category I (I = 0.80), Thermal Condition Unheated (Ct = 1.2), DOL = 1.15. Unventilated. Unobstructed slippery surface. If the roof configuration differs from hip/gable, Building Designer shall verify snow loads.

2) This truss has been designed for the effects of wind loads in accordance with ASCE7 - 10 with the following user defined input: 105 mph (Factored), Exposure C, Enclosed, Gable/Hip, Risk Category I, h = 15 ft, Not End Zone Truss, Both end webs considered. DOL = 1.60
3) This truss is designed as an agricultural truss which for the purposes of this program is defined as a structure that represents a low hazard to people and property. See BCSI-10 for installation and temporary bracing

Member Forces Summary

Table indicates: Member ID, max CSI, max axial force, (max compr. force if different from max axial force). Only forces greater than 100lbs are shown in this table.

TC	2-4	0.778	-311 lbs	5-6	0.785	-408 lbs			
	4-5	0.780	-403 lbs	6-8	0.774	-311 lbs			
BC									
Webs	2-14	0.178	303 lbs	5-12	0.609	-836 lbs	8-10	0.174	303 lbs
	4-13	0.429	1,333 lbs	6-11	0.429	1,333 lbs			

Notes:

1) Unless noted otherwise, do not cut or alter any truss member or plate without prior approval from a Professional Engineer.
2) Gable requires continuous bottom chord bearing.
3) Gable webs placed at 84 " OC, U.N.O
4) Attach gable webs with 2x5 20ga plates, U.N.O.
5) Bracing shown is for in-plane requirements. For out-of-plane requirements, refer to BCSI-B3 published by the SBCA.
6) When this truss has been chosen for quality assurance inspection, the Effective Tooth Count Method per TPI 1-2002/A3.4 shall be used.
7) Building Designer shall verify self weight of the truss and other dead load materials do not exceed TCDL 4 psf.
8) Building Designer shall verify self weight of the truss and other dead load materials do not exceed BCDL 5 psf.
9) Design assumes minimum 2x2 (flat orientation) visually graded purlins attached to the top of the TC at purlin spacing shown with at least 2-10d nails.
10) Creep has been considered in the analysis of this truss.
11) Listed wind uplift reactions based on MWFRS Only loading.

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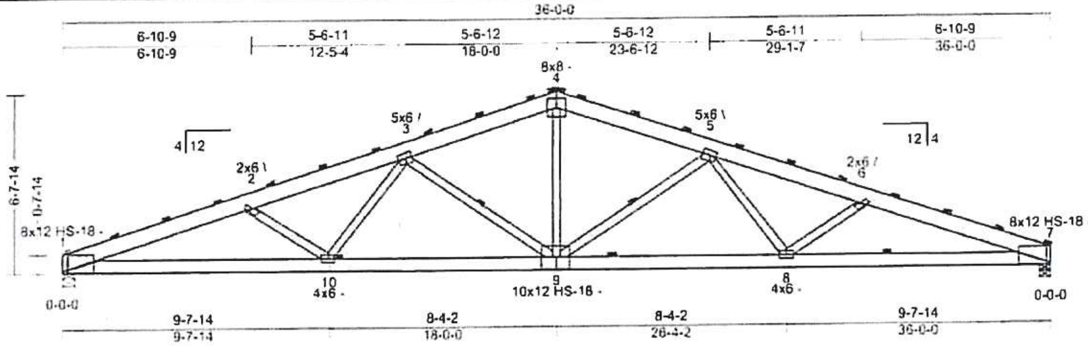
Eagle Metal Products
Dallas, TX 75234

	Midwest Manufacturing	Truss: P3635 JobName: PF STOCK Date: 02 16 17 14 26 08 Page 1 of 1

SPAN	PITCH	QTY	OHL	OHR	CANT L	CANT R	PLYS	SPACING	WGT/PLY
36-0-0	4/12	1	0-0-0	0-0-0	0-0-0	0-0-0	1	96 in	236 lbs



All plates shown to be Eagle 20 unless otherwise noted

Loading (psf)		General		CSI		Deflection		L/	(loc)	Allowed
TCLL	TABLE	Bldg Code	IBC 2015	TC	0.78 (6-7)	Vert TL	0.80 in	L/ 487	(8-9)	L/120
TCDL	4(rake)		TPI 1-2014	BC	0.93 (7-8)	Vert LL	0.64 in	L/ 654	(8-9)	L/180
BCLL	0	Rep Mbr Increase	No	Web	0.96 (4-9)	Horz TL	0.31 in			
BCDL	5	Lumber D.O.L.	115 %							

Reaction

Jt	Brg Combo	Brg Width	Req Brg Width	Max React	Max Grav Uplift	Max Wind Uplift	Max Uplift	Max Horiz
1	1	5.5 in	4.68 in	5,648 lbs		-371 lbs	-371 lbs	62 lbs
7	1	5.5 in	4.68 in	5,648 lbs		-371 lbs	-371 lbs	

THIS TRUSS ANALYZED FOR THE FOLLOWING LOADING CONDITIONS						
GSL (PSF)	TCLL (PSF)	TCDL (PSF)	BCDL (PSF)	TOTAL (PSF)	(MAX) O.C. Spacing	B.C. Purlin Spacing
40	24	4	5	33	9'-0"	Sheathed or Purlins at 10-0-0, Purlin design by Others
50	30	4	5	39	8'-0"	Sheathed or Purlins at 10-0-0, Purlin design by Others
70	40	4	5	39	6'-0"	Sheathed or Purlins at 10-0-0, Purlin design by Others

Material

TC SYP 2400 2.0 2 x 8
BC SYP 2400 2.0 2 x 6
Web SPF Stud 2 x 4 except:
SPF #2 2 x 4 3-9, 4-9, 5-9

Bracing

TC Purlins at 24.7 OC, Purlin design by Others
BC Sheathed or Purlins at 10-0-0, Purlin design by Others
Web One Midpoint Row 3-9, 5-9

Loads

1) This truss has been designed for the effects of balanced and unbalanced snow loads for hips gables in accordance with ASCE 7 - 10 with the following user defined input. TABLE psf ground snow load, Terrain Category C, Exposure Category Fully Exposed (Ce = 0.9), Risk Category I (I = 0.80), Thermal Condition Unheated (Ct = 1.2), DOL 1.15. Unventilated. Unobstructed slippery surface. If the roof configuration differs from hip gable, Building Designer shall verify snow loads

2) This truss has been designed for the effects of wind loads in accordance with ASCE7 - 10 with the following user defined input: 105 mph (Factored), Exposure C Enclosed, Gable Hip, Risk Category I, h = 15 ft, Not End Zone Truss, Both end webs considered. DOL = 1.60
3) Minimum storage attic loading has not been applied in accordance with IBC 1607.1
4) In accordance with IBC 1607.1, minimum BCLL s do not apply
5) This truss is designed as an agricultural truss which for the purposes of this program is defined as a structure that represents a low hazard to people and property. See BCSI-10 for installation and temporary bracing

Member Forces

Table indicates: Member ID, max CSI, max axial force, (max comp. force if different from max axial force). Only forces greater than 300lbs are shown in this table

TC	1-2	0.796	-14,028 lbs		3-4	0.462	-12,1[illegible] lbs		5-6	[illegible]	-12,581 lbs				
	2-3	0.868	-12,554 lbs		4-5	0.462	-12,1[illegible] lbs		6-7	0.796	-14,028 lbs				
BC	7-8	0.939	13,060 lbs	[illegible]	8-9	0.700	10,857 lbs	[illegible]	9-10	0.700	10,857 lbs	[illegible]	10-1	0.925	13,065 lbs	[illegible]
Web	2-10	0.598	1,720 lbs		3-9	[illegible]	4,128 lbs		[illegible]	[illegible]	3,776 lbs		6-8	0.598	1,720 lbs
	3-10	[illegible]	[illegible]		4-9	[illegible]	[illegible]	[illegible]	5-8	[illegible]	[illegible]				

JSI

1 = 0.98, 2 = 0.88, 3 = 0.87, 4 = 1.00, 5 = 0.87, 6 = 0.88, 7 = 0.98, 8 = 1.00, 9 = 0.76 and 10 = 1.00

Notes

1) Unless noted otherwise, do not cut or alter any truss member or plate without prior approval from a Professional Engineer
2) When this truss has been chosen for quality assurance inspection, the Double Polygon Method per TPI 1-2007 Chapter 3 shall be used
3) The fabrication tolerance for this roof truss is 0% (Cq = 1.00)
4) Building Designer shall verify self weight of the truss and other dead load materials do not exceed TCDL 4 psf
5) Building Designer shall verify self weight of the truss and other dead load materials do not exceed BCDL 5 psf
6) Design assumes minimum 2x_ (vertical orientation, visually graded) purlins attached to the TC at purlin spacing shown with at least 2-10d nails
7) Brace bottom chord with approved sheathing or purlins per Bracing Summary
8) Creep has been considered in the analysis of this truss
9) The "SYP" label shown in the "Material Summary" above indicates the new SPIB design values effective June 1, 2013 were used
10) ?? Indicates lateral bracing required perpendicular to the plane of the truss at either the midpoint (one shown) or third points (two shown), bracing by others. See BCSI B3 for additional information
11) Listed wind uplift reactions based on MWFRS Only loading

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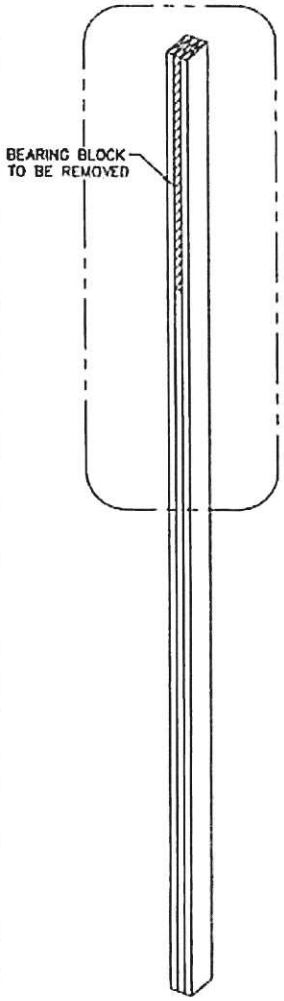
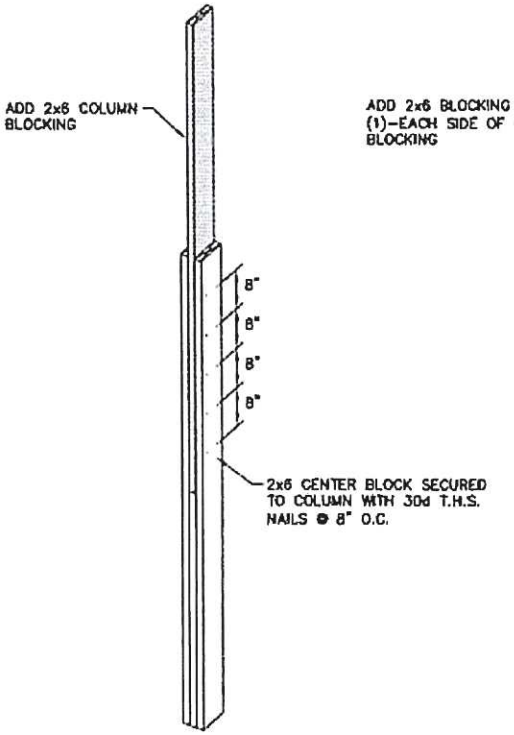
Eagle Metal Products
Dallas, TX 75254



ORIGINAL COLUMN

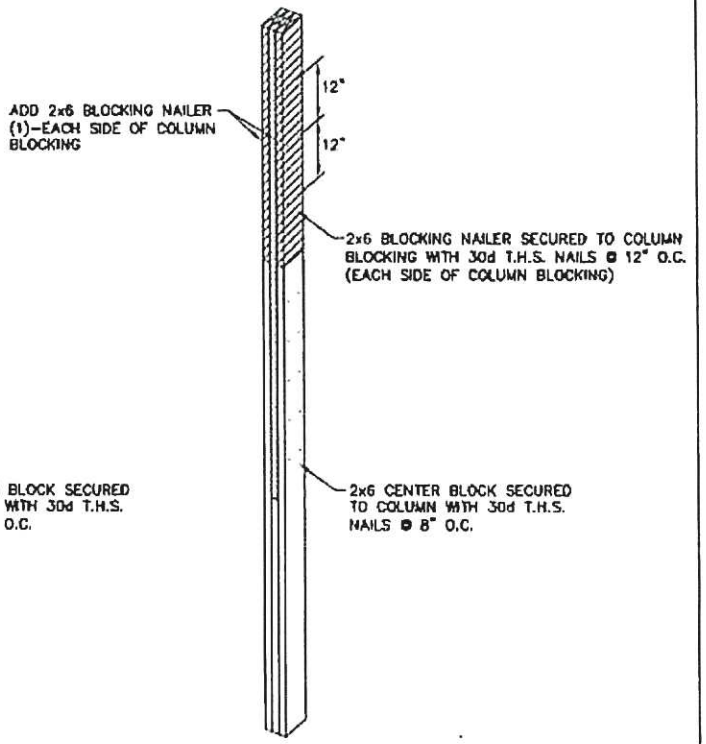
STEP 1

REMOVE CENTER BLOCK



STEP 2

ADD CENTER BLOCK
NAILS @ 8" O.C.



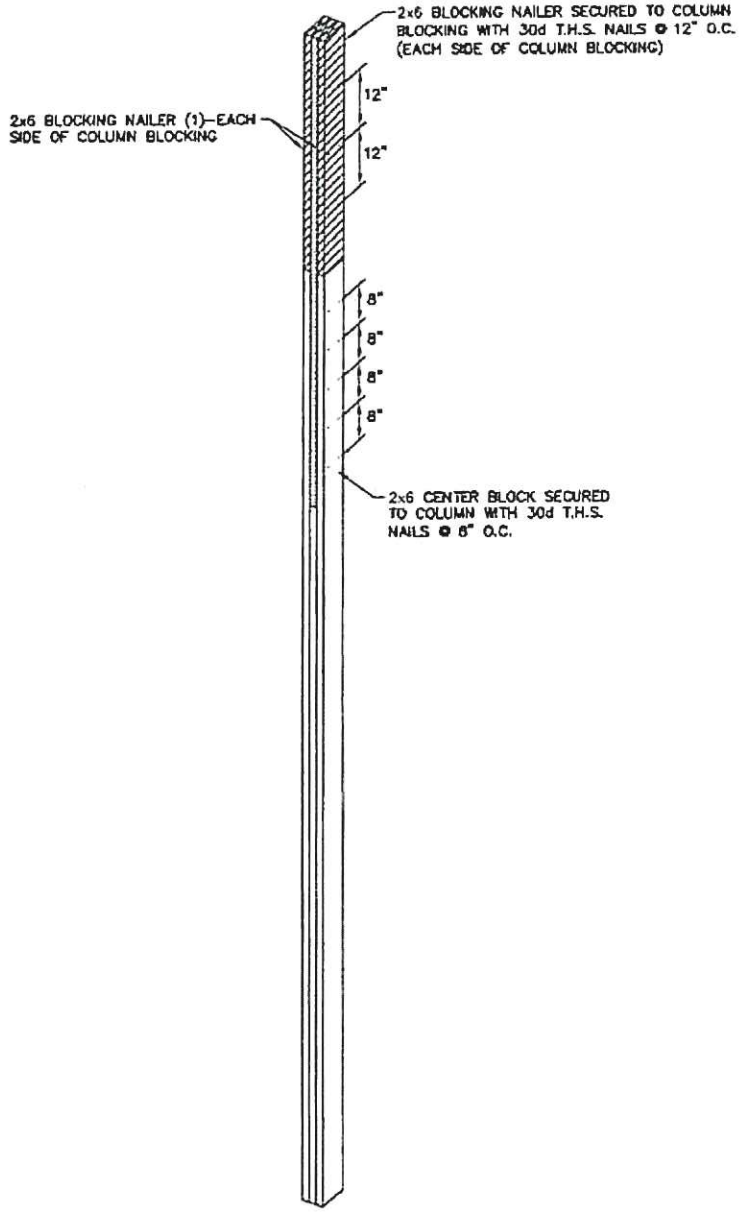
STEP 3

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

ENDWALL COLUMN BLOCKING

ENGINEERING SERVICES

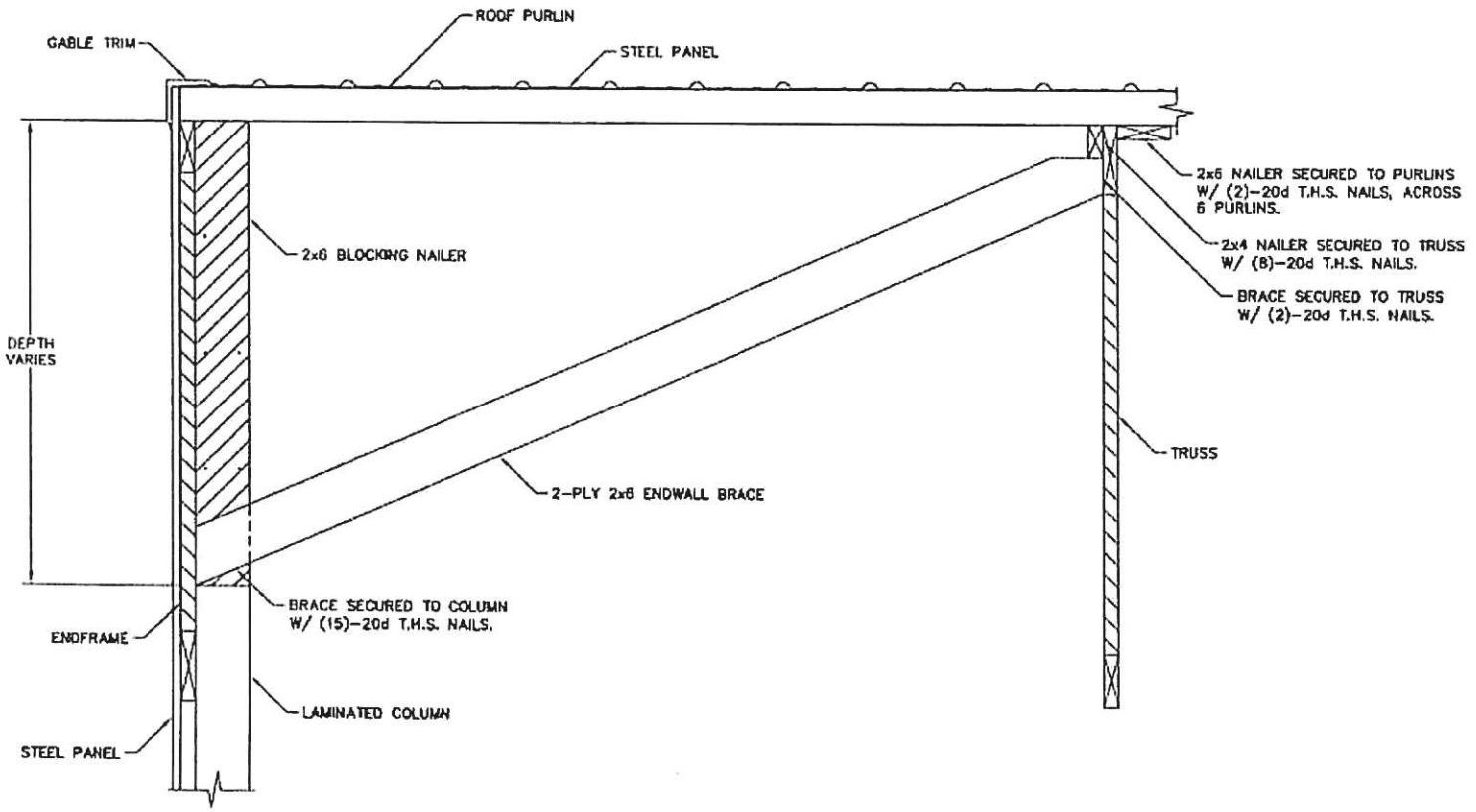
5381 EAKE RD. EAU CLAIRE, WI 54703 (715) 879-5050



ENDWALL COLUMN BLOCKING DETAIL

ENDWALL COLUMN BLOCKING DETAIL

ENGINEERING SERVICES



ENDWALL BRACE DETAIL

ENDWALL BRACE DETAIL

ENGINEERING SERVICES