Application
Conditional Use Permit (CUP) Amendment:
Establishment of Accessory Uses and Structures

Commentary: This document has been created by the Lake County Department of Planning, Building and Development as a tool to guide the applicant(s) through the application process for Conditional Use Permit (CUP) amendments involving accessory uses and/or structures. Within 7 days of receipt of a complete written application, staff will:

- Review and evaluate the application to determine whether the propose use(s) and/or structure(s) are appropriately considered accessory to the approved Conditional Use.
- Notify the applicant whether the application is eligible for consideration as a CUP amendment for accessory uses and/or structures.

Procedure: Upon Staff's determination that a proposal to amend an approved Conditional Use Permit involves accessory uses and/or structures, the proposal shall be presented to the Public Works, Planning and Transportation Committee for its review. The Public Works, Planning and Transportation Committee shall make a final decision whether to approve the proposed amendment. Building and/or Site Development Permits may be subsequently required.

1. **Contact Information**

Name: Edgar Herrera
Address: [redacted]
Telephone # [redacted]

2. **Property Information:**

Permanent Index Number(s): 02-30-302(001),(002),(003),(004),(005)
Existing Land Use: none
Proposed Land Use: Storage shed (Pole Barn)

3. **Detailed Description of the Proposed Accessory Use and/or Structure:** Build a single unit storage 30 X 60

FOR OFFICE USE ONLY:

Name of Reviewer: _____

Application *meets/fails to meet* the amendment criteria provided in In the "Amendments to Approved Conditional Use Permits" section of the Lake County Code (151.050(I))

Updated 05/21/2019

Elite
Landscaping & Construction Inc.
[redacted]

09/23/2020

DESCRIPTION OF USE OF POLE BARN: I am planning to use this pole barn as a storage for my Landscaping equipment. I own several Bobcats, small machines, hardscape equipment and will like to safely store all of this in the new pole barn to keep them safe from theft and during winter season.

MENARDS

Date: Sep 2, 2020 11:17:01 AM
Store: GURNEE
[redacted]

MIDWEST MANUFACTURING

Design #: 308555540269
Estimate #: 90773
Estimated price: $18,267.16 *

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

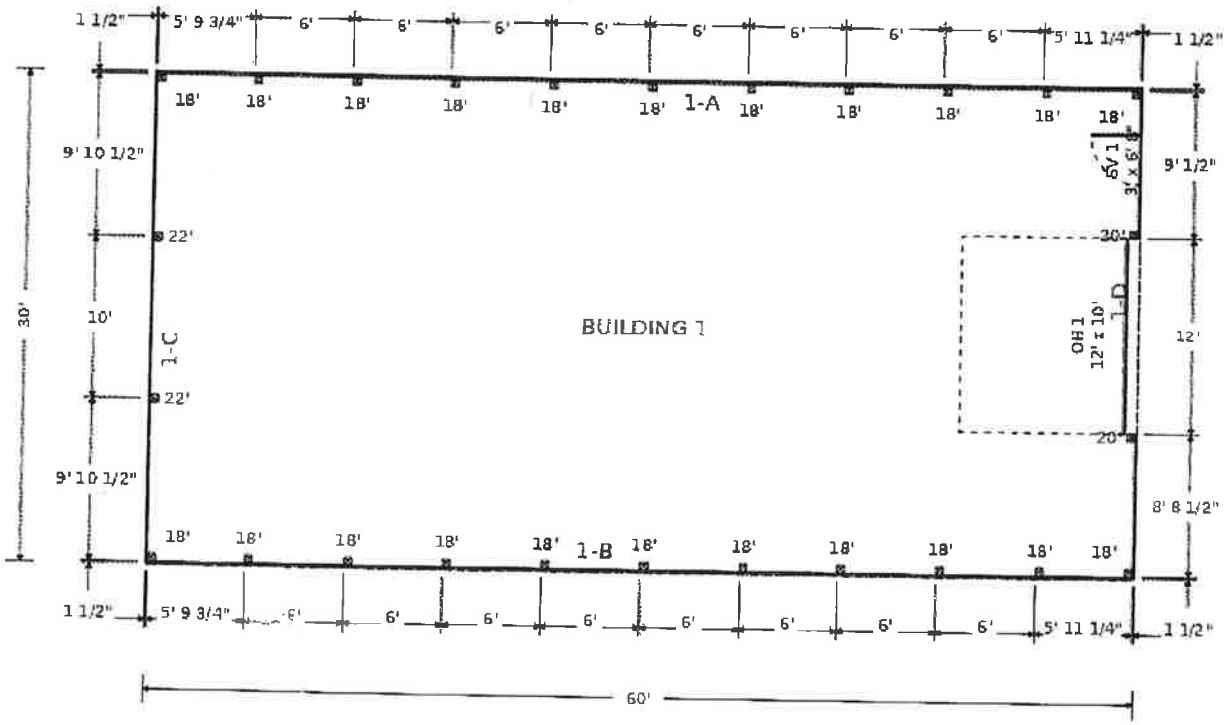
How to purchase at the store

1. Have a building materials team member enter the estimate number into System V to print SOC's.
2. Take the SOC to the register and pay.

How to recall and purchase a saved design at home

1. Go to Menards.com.
2. Log into your account.
3. Go to Saved Designs under the Welcome Login menu.
4. Select the saved design to load back into the estimator.
5. Add your building to the cart and purchase.

FLOOR PLAN

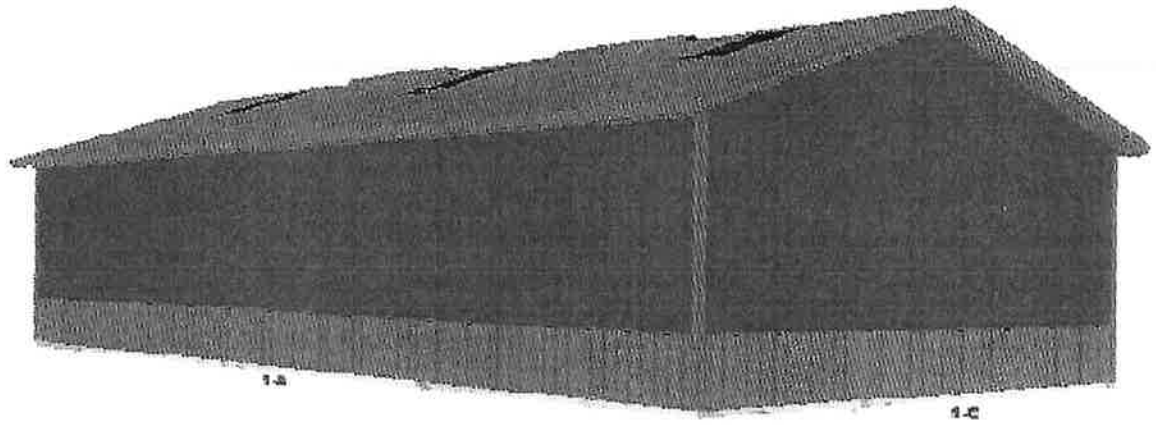


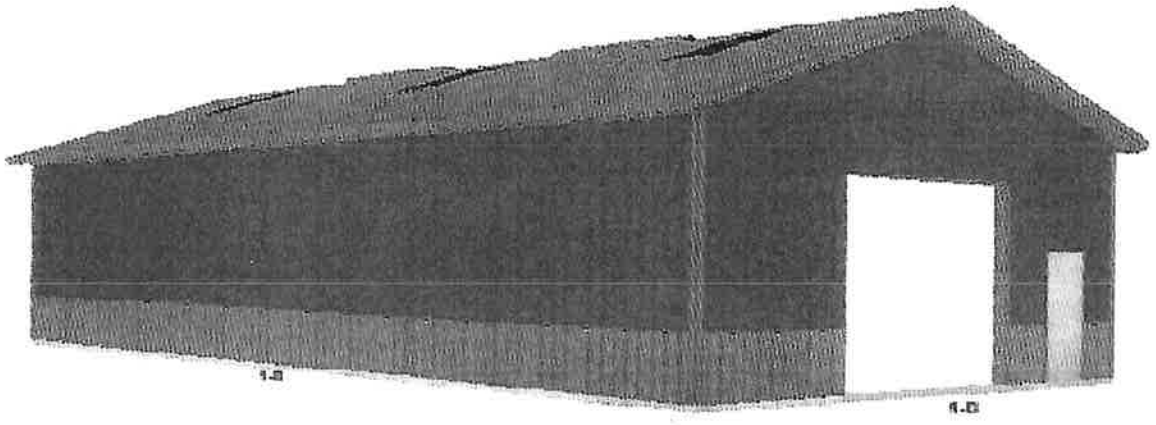
Design #: 308555540269
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MENARDS

Post Frame Building Estimate
Date: Sep 2, 2020 11:17:01 AM

Elevation Views





Design #: 308555540269
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Store: GURNEE

MENARDS

Post Frame Building Estimate
Date: Sep 2, 2020 11:17:01 AM

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 select one of the links below or visit us on the web at www.midwestmanufacturing.com.

Premium Steel Panels - Pro-Rib and Premium Pro-Rib steel panels are your best options for steel panels in the market.

- Steel Panels are Grade 80 (full hard steel).
- Prepaint zinc phosphate coating for superior paint paint adhesion - available in multiple colors.
- Pro-Rib features a limited 40 year paint warranty.
- Premium Pro-Rib has a limited lifetime paint warranty.
- All painted panels are ENERGY STAR rated, using a Cool Chemistry paint system.
- Pro-Rib and Premium Pro-Rib panels are UL Certified for Wind Uplift UL 580, Fire Resistance UL 790, Impact Resistance of Roof UL 2218.
- Pro-Rib and Premium Pro-Rib panels are IRC and IBC compliant.

Engineered Trusses - Post frame trusses are specifically engineered to meet your application and geographic location.

- All Midwest Manufacturing trusses can be supplied with engineered sealed prints.
- TPI approved and third party inspected.

Laminated Columns - Designed to replace standard treated posts as vertical supports in Post Frame Construction.

- Columns 20' or less are treated full length.
- Lifetime Warranty against rot and decay.
- Columns over 20' in length are reinforced with 20 gauge stainless steel plates at each splice location.
- Lower portion of columns treated for in ground use.
- Rivet Clinch Nails provide superior holding power.
- Columns provide superior truss to pole connection.

Pressure Treated Lumber - All treated post and grade board used in your building will safely and effectively resist decay.

- Treated to AWPA compliance.
- Post and grade board offer a lifetime warranty against rotting and decay.

*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 #: 308555540269
Estimate #: 90773
Store: GURNEE

MENARDS

Post Frame Building Estimate
Date: Sep 2, 2020 11:17:01 AM

Building Information

1. Building Use:	Code Exempt
2. Width:	30 ft
3. Length:	60 ft
4. Inside Clear Height:	12 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 Type:	Posts
2. Post Spacing:	6 ft
3. Girt Type:	Flat
4. Exterior Wall Panel:	Pro-Rib
5. Exterior Wall Color:	Emerald Green
6. Wainscot Size:	36 in
7. Wainscot Color:	Light Gray
8. Sidewall B Wainscot:	Yes
9. Sidewall A Wainscot:	Yes
10. Trim Color:	Light Gray
11. Endwall D Wainscot:	Yes
12. Endwall C Wainscot:	Yes
13. Sidewall A Eave Light:	None
14. Sidewall B eave light:	None
15. Wall Fastener Location:	In the Flat
16. Bottom Trim:	Yes
17. 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:	6 ft
3. Roof Type:	Pro-Rib
4. Roof Color:	Light Gray
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:	6 in Fascia
10. Soffit Color:	Light Gray
11. Skylight Size:	7 ft
12. Skylight Quantity:	6
13. Ridge Vent Quantity:	2
14. Ridge Vent Color:	Light Gray
15. Ceiling Liner Type:	None
16. Purlin Placement:	On Edge
17. 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:	Yes
6. Gutters Color:	Light Gray
7. End Cap:	No
8. Mini Print:	Email Only

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Post Frame Building Estimate
Date: Sep 2, 2020 11:17:01 AM

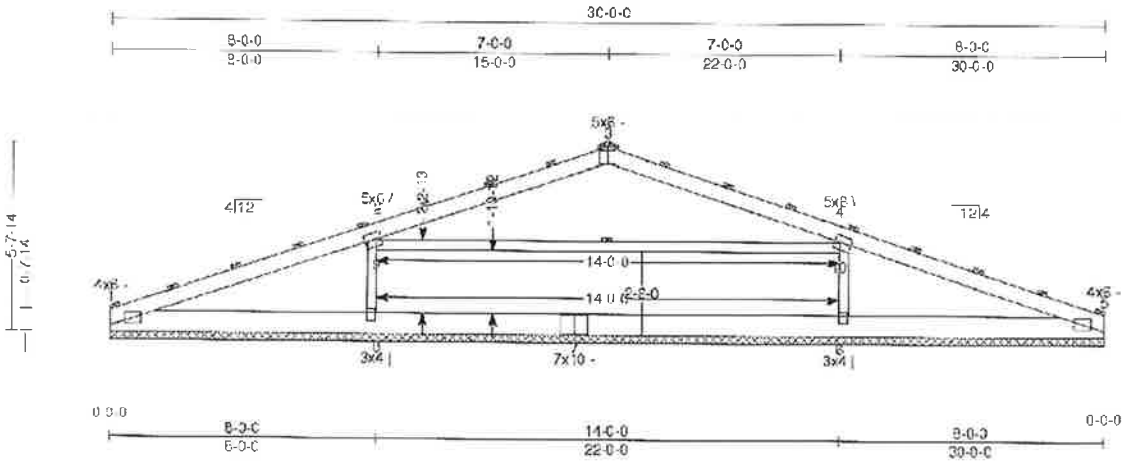
Doors & Windows

Name	Size	Wall
Overhead Door	12' x 10'	1-D
Service Door	36"x80"	1-D

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\l,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.

	MIDWEST 17606 212TH st. Bloomfield, IA 52537 PH: 641 664 3499	Truss: p30e JobName: new pf ends Date: 10/22/16 13:22:21 Page: 1 of 1

SPAN	PITCH	QTY	OHL	OHR	CANT L	CANT R	PLYS	SPACING	WGT/PLY
30-0-0	4/12	1	0-0-0	0-0-0	0-0-0	0-0-0	1	48 in	144 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 2015/	TC: 0.80 (2-3)	Vert TL: 0.03 in	L / 999	(6-7)	L / 240
Snow (Ps/Pg): 28/30	TPI 1-2007	BC: 0.24 (6-8)	Vert LL: 0 in	L / 999	5	L / 360
TCDL: 4	Rep Mbr Increase: No	Web: 0.33 (2-5)	Horz TL: 0 in			
BCLL: 0	Lumber DOL: 1.15 %					
BCDL: 5						

Reaction Summary

Brg Combo	Brg Width	Rod Brg Width	Max Reacts	Max Gravity Uplift	Max MWFRS Uplift	Max C&C Uplift	Max Uplift	Max Horiz
1	360 in	N/A	1,429 lbs	-	-807 lbs	-511 lbs	-511 lbs	22 lbs
2	360 in	N/A	437 lbs	-	-	-	-	-
3	360 in	N/A	1,394 lbs	-	-428 lbs	-531 lbs	-531 lbs	-23 lbs
4	360 in	N/A	297 lbs	-148 lbs	-5 lbs	-	-148 lbs	-508 lbs
1	360 in	N/A	250 lbs	-195 lbs	-16 lbs	-	-195 lbs	-507 lbs
1	360 in	N/A	1,064 lbs	-	575 lbs	-471 lbs	471 lbs	1,259 lbs
1	360 in	N/A	1,028 lbs	-	-900 lbs	-487 lbs	-487 lbs	-1,373 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/gable in accordance with ASCE7 - 10 with the following user defined inputs: 30 psf ground snow load, Terrain Category C, Exposure Category Partially Exposed (Ce = 1.0), Risk Category I (I = 0.80), Thermal Condition All Others (Ct = 1.0), DOL= 1.15. If the roof configuration differs from hip/gable, Building Designer must 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 inputs: 105 mph (Ultimate), Exposure C, Enclosed, Gable/Hip, Risk Category I, bxB=L=20.0, End Zone Trans, Both end walls considered. DOL= 1.60

3) Minimum storage attic loading has been applied in accordance with IBC 1607.1

Member Forces Summary

Tension indicates Member ID in a CSI, axial force, (a + compression, - tension) Different section may have different axial forces. Only forces greater than 300 lbs are shown in this table.

TC	1-2	0.787	-1,650 lbs	2-3	0.798	-1,649 lbs	3-4	0.793	-1,645 lbs	4-5	0.787	-1,650 lbs
BC												
Webs	6-8	0.333	-1,274 lbs	4-10	0.333	1,274 lbs						
	9-8	0.365	-1,274 lbs	10-6	0.365	1,274 lbs						

Notes:

1) Unless noted otherwise, do not cut or alter any truss member or plate without prior approval from a Professional Engineer.
2) Attic floor area has been designed as a living area with 0 psf floor live load and 0 psf floor dead load, and the interior vertical webs and ceiling has been designed for a 0 psf dead load.
3) When this truss has been chosen for quality assurance inspection, the Effective Tools Count Method per TPI 1-2002/A3.4 shall be used.
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 _x2 (flat orientation, visually graded) purlins attached to the top of 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) At least one web of this truss has been designed with a panel point in the web. All panel points on such webs shall be braced laterally perpendicular to the plane of the truss. Lateral braces shall be installed within 6 " of each web panel point.
9) Creep has been considered in the analysis of this truss.
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) Due to negative reactions in gravity load cases, special connections to the bearing surface at points 1 may need to be considered.
12) Uplift wind uplift reactions based on MWFRS & C&C loading.
13) Bottom chord in the open area of this truss meets L/360 for live load and L/240 for total load deflection criteria.

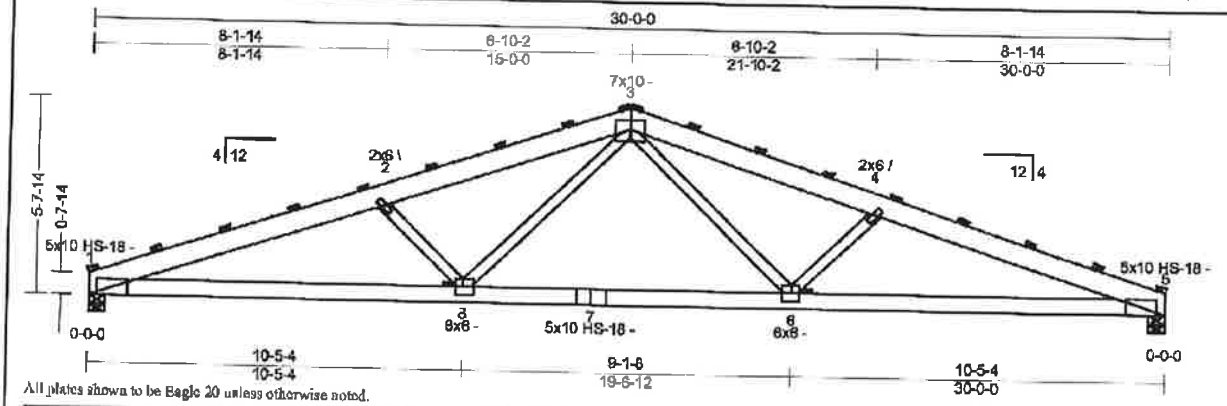
ALL PERSONS FABRICATING, HANDLING, ERECTING OR INSTALLING ANY TRUSS BASED UPON THIS TRUSS DESIGN DRAWING ARE INSTRUCTED TO KEEP TO ALL OF THE INSTRUCTIONS, LIMITATIONS AND QUALIFICATIONS SET FORTH IN THE EAGLE METAL PRODUCTS DESIGN NOTES ISSUED WITH THIS DESIGN AND AVAILABLE FROM EAGLE UPON REQUEST. DESIGN VALID ONLY WHEN EAGLE METAL CONNECTORS ARE USED.

TrusBuild® Software v5.5.2.220
Eagle Metal Products
Dallas TX 75234

Midwest Manufacturing

Truss: P3035
JobName: PF STOCK
Date: 02/16/17 12:22:51
Page: 1 of 1

SPAN	PITCH	QTY	OHL	OHR	CANT L	CANT R	PLYS	SPACING	WGT/PLY
30-0-0	4/12	1	0-0-0	0-0-0	0-0-0	0-0-0	1	96 in	169 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: 0.67 (4-5)	Vert TL: 0.63 in	L / 550	(6-7)	L / 120
TCDL: 4(rake)	TPI 1-2014	BC: 0.84 (8-1)	Vert LL: 0.47 in	L / 743	(6-7)	L / 180
BCLL: 0	Rep Mbr Increase No	Web: 0.74 (2-8)	Horz TL: 0.21 in		5	
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.	5.98 in	4,706 lbs	-	315 lbs	315 lbs	32 lbs
5	1	5.5 in.	5.98 in	4,706 lbs	-	315 lbs	315 lbs	-

Bearing enhancers may be required at the following bearings: Brg #
See Eagle Metal 'Bearing Enhancer' detail for capacity of specific bearing block(s) and connectors: 1, 5

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: SPF 2100/1.8 2 x 6
Web: SPF #2 2 x 4 except:
SPF Stud 2 x 4: 2-8, 4-6

Bracing

TC: Purlins at 24 " OC, Purlin design by Others.
BC: Purlins at 120 " OC, Purlin design by Others.

Loads

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: 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 C/T, max axial force, (max recipr. force if different from max axial force). Only forces greater than 300lbs are shown in this table.

TC	1-2	0.665	-3,256 lbs	2-3	0.636	-3,165 lbs	3-4	0.595	-3,185 lbs	4-5	0.665	-3,256 lbs
BC	5-6	0.839	3,620 lbs	6-7	0.623	3,324 lbs	(-321 lbs)	7-8	0.839	3,895 lbs	(-664 lbs)	
Web	2-8	0.738	-2,351 lbs	3-5	0.670	2,755 lbs						
	3-6	0.670	2,755 lbs	4-6	0.738	-2,351 lbs						

JSI

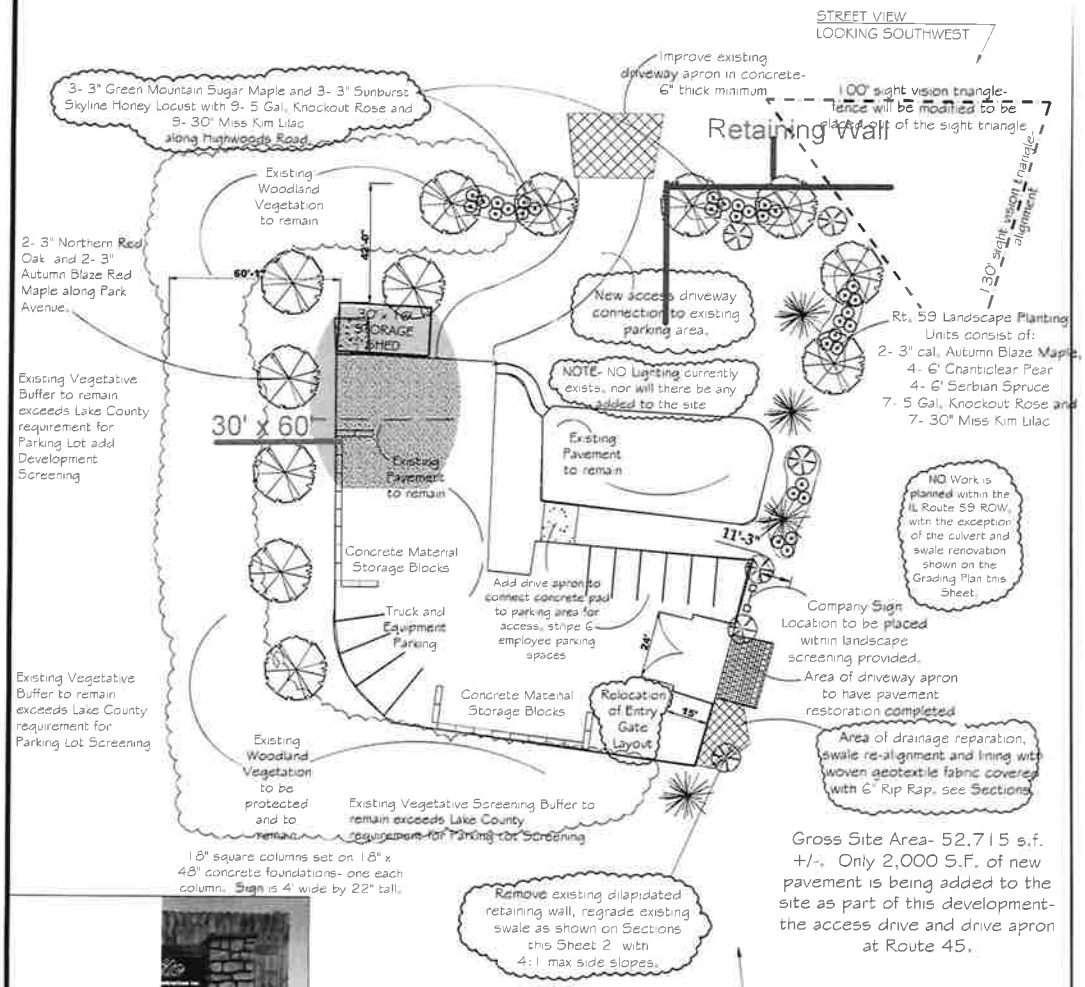
1 = 0.93, 2 = 0.88, 3 = 0.95, 4 = 0.88, 5 = 0.93, 6 = 0.91, 7 = 0.87, and 8 = 0.91

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) Creep has been considered in the analysis of this truss.
8) The "SYP" label shown in the "Material Summary" above indicates the new SPIB design values effective June 1, 2013 were used.
9) Listed wind uplift reactions based on MWFRS Only loading.

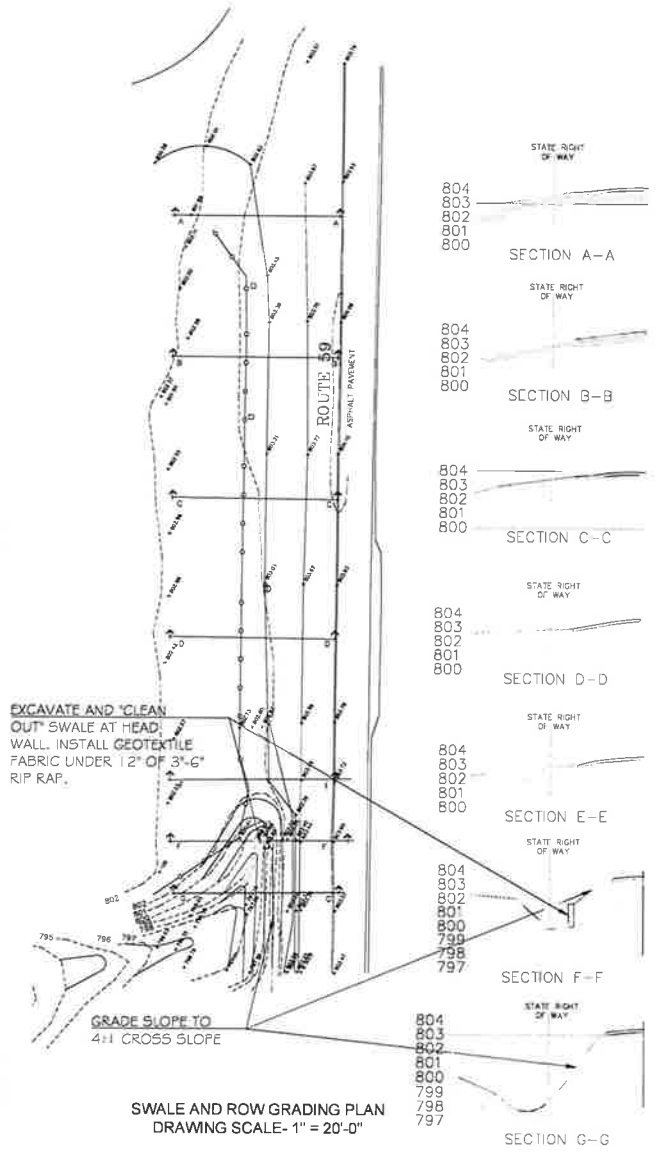
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TrusBuild® Software v5.5.2.253
Eagle Metal Products
Dallas, TX 75234



SITE DEVELOPMENT PLAN
DRAWING SCALE- 1" = 20'-0"

SIGN ELEVATION



SWALE AND ROW GRADING PLAN
DRAWING SCALE- 1" = 20'-0"

3DD design studio
529 North Barron Boulevard
Grayslake, IL 60030
(847)223-1891 (847)223-1892 FAX
website: www.3ddesignstudio.com
email: info@3ddesignstudio.com

Chage of Use Permit Submittal and Request
Elite Landscaping and Construction Inc.

scale	AS INDICATED
design	DDD
date	4-11-2019
revision	
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sheet 2 of 2 sheet(s)