



Bellbrook Lions Club

P.O.Box 111

Bellbrook, Ohio 45305

27 April 2022

City of Bellbrook
Village Review Board
15 East Franklin Street
Bellbrook, Ohio 45305

Board Members,

The Bellbrook Lions Club is requesting permission to build a storage building over an existing concrete slab at 31 South East Street. Once the building is constructed, it will provide inside storage for all festival equipment eliminating the need for the 3 commercial semi-truck trailers. We would also store several of our small food trailers inside which would have a positive impact on the surrounding area.

The building will be of post frame construction with painted steel panels with a lifespan of over 50 years. The colors of the building will be of earth tones with all doors painted to match the subtle scheme of the building. The 42'x104' building will have 14' high exterior walls with a 4x12 pitch roof adding 7'8" for a total height of 21'8". The building will be built over an existing slab of 39'x97' which would increase the footprint 585 sq.ft. This would create little additional surface water run off. With this type of construction, very little ground surface will be disturbed. Any ground that is disturbed will be restored to pre-construction condition.

Sincerely,

A handwritten signature in black ink, appearing to read "John J. Dorn Jr.", is written over a white background.

John J. Dorn Jr.

Bellbrook Zoning Districts

- A-1 AGRICULTURAL
- B-3 NEIGHBORHOOD BUSINESS
- B-4 CENTRAL BUSINESS DISTRICT
- O-1 OFFICE BUILDING
- PD-1 PLANNED RESIDENTIAL
- PD-2 PLANNED BUSINESS

- R-1A ONE-FAMILY RESIDENTIAL
- R-1AA ONE-FAMILY RESIDENTIAL
- R-1B ONE-FAMILY RESIDENTIAL
- R-2 TWO-FAMILY RESIDENTIAL
- R-3 MULTI-FAMILY RESIDENTIAL
- R-3 MULTI-FAMILY RESIDENTIAL
- 100-YEAR FLOOD PLAIN



Lion's Storage Building
4368 Square Feet

Description Check
Greene County Engineer's Tax Map Dept.

Legally Sufficient As Described
 Legally Sufficient With Corrections Noted
 Legally Insufficient, New Survey Required

Date: 5-9-17 By: [Signature]
Par ID Dist: L35 BK 2 PG 5 PAR 71

0.6730 Acy
on 5/9/17

MM#89

**LOUIS A. GREEN AND ASSOCIATES
Land Planners-Surveyors-Engineers**



Louis A. Green, P.S.
5820 STATE ROUTE 734, JAMESTOWN, OHIO 45335
Phone 937-675-6400
greenresources@att.net

**LEGAL DESCRIPTION OF PART OF THE BOARD OF EDUCATION
OF SUGARCREEK TOWNSHIP LAND TO BE CONVEYED TO THE
BELLBROOK LIONS CLUB**

Located in Section 32, Town 3, Range 6, City of Bellbrook, Greene County, Ohio,
and being further described as follows:

Beginning at an iron pin set at the intersection of the south right-of-way line of
East Franklin Street with the east right-of-way line of South East Street, said pin also
being the northwest corner of the Bellbrook United Methodist Church Plat, as
recorded in Plat Cabinet 34, Slide 613A, of the Plat Records of Greene County,
Ohio, thence in a southwardly direction with said east right-of-way line of South East
Street on a bearing of south no degrees thirty minutes no seconds (00°30'00") west
for a distance of three hundred two and 02/100 (302.02) feet to a P.K. spike set at
the southwest corner of said Bellbrook United Methodist Church Plat and northwest
corner of land conveyed to the Board of Education of Sugarcreek Township, by deed
recorded in Volume 131, Page 301 of the Deed Records of Greene County, Ohio,
this course passes an iron pin found at 289.75 feet;

Thence in an eastwardly direction with the south line of said Bellbrook United
Methodist Church Plat and north line of said Board of Education of Sugarcreek
Township land for the following three courses:

- 1) North eighty-nine degrees twenty-seven minutes forty-eight seconds ($89^{\circ}27'48''$) east for a distance of one hundred twenty and $06/100$ (120.06) feet to a P.K. Spike set;
- 2) Thence in a northwardly direction on a bearing of north no degrees fifty-seven minutes thirty-six seconds ($00^{\circ}57'36''$) east for a distance of four and $28/100$ (4.28) feet to a P.K. Spike set, and;
- 3) Thence in an eastwardly direction becoming the south line of land conveyed to Kenneth McDaniel, by deed recorded in Volume 3011, Page 601, of the Official Records of Greene County, Ohio, on a bearing of south eighty-nine degrees eight minutes thirty seven seconds ($89^{\circ}08'37''$) east for a distance of one hundred seventy-two and $84/100$ (172.84) feet to an iron pin set at the true point of beginning for the land herein described;

Thence continuing in an eastwardly direction with the south line of said McDaniel land, becoming the south line of land conveyed to Ronald E. Browning, by deed recorded in Volume 2547, Page 863, of said Official Records, and also the south line of land conveyed to Ashley R. and Dustin L. Fugate, by deed recorded in Volume 3702, Page 779, of said Official Records, and following an existing 10' chain link fence, on a bearing of south eighty-seven degrees fifty-seven minutes thirty-four seconds ($87^{\circ}57'34''$) east for a distance of three hundred seventeen and $97/100$ (317.97) feet to a 3" steel fence corner post;

Thence in a southwardly direction following an existing 10' chain line fence on a bearing of south one degree fifty-two minutes twenty-one seconds ($01^{\circ}52'21''$) east for a distance of eighty-four and $59/100$ (84.59) feet to a 3" steel fence corner post;

Thence in a westwardly direction following said 10' chain line fence on a bearing of south eighty-nine degrees twenty minutes seven seconds ($89^{\circ}20'07''$) west for a distance of three hundred nineteen and $37/100$ (319.37) feet to a P.K. Spike set;

Thence in a northwardly direction on a bearing of north no degrees forty minutes forty-eight seconds ($00^{\circ}40'48''$) west for a distance of ninety-nine and $58/100$ (99.58)

feet to the true point of beginning and containing 6730/10,000 (0.6730) acres (29,317 sq. ft.) and being subject to all easements and restrictions of record.

EoC
1:349605

Also conveyed with the above described tract is an easement for ingress/egress running from South East Street to the west line of the above described 0.3224 acre tract, said easement being further describes as follows: Beginning at an iron pin set at the intersection of the south right-of-way line of East Franklin Street with the east right-of-way line of South East Street, said pin also being the northwest corner of the Bellbrook United Methodist Church Plat, as recorded in Plat Cabinet 34, Slide 613A, of the Plat Records of Greene County, Ohio, thence in a southwardly direction with said east right-of-way line of South East Street on a bearing of south no degrees thirty minutes no seconds (00°30'00") east for a distance of three hundred thirty-four and 64/100 (334.64) feet to a P.K. spike set on the true point of beginning for the centerline of the easement herein described, said easement being ten and no/100 (10.00) feet in width adjacent to and five and no/100 (5.00) feet on either side of the following three courses;

- 1) South eighty-nine degrees thirty minutes no seconds (89°30'00") east for a distance of one hundred thirty and no/100 (130.00) feet;
- 2) South sixty-nine degrees fifty-six minutes seven seconds (69°56'07") east for a distance of sixty-nine and 24/100 (69.24) feet to a point, and;
- 3) South eighty-nine degrees eight minutes thirty-seven seconds (89°08'37") east for a distance of one hundred three and 35/100 (103.35) feet to the point of terminus of said centerline.

The reference bearing for this survey is North 00°30'00" East which is the bearing for South East Street as determined by the Bellbrook United Methodist Church Plat as recorded in Plat Cabinet 34, Slide 613A of the Plat Records of Greene County, Ohio.

The above tract is out of land conveyed to the Board of Education of Sugarcreek Township by deed recorded in Volume 131, Page 301, of the Deed Records of Greene County, Ohio.

The above description is based on a field survey conducted by Louis A. Green, Registered Surveyor No. 6147, completed May 4, 2017.

Greene County
Ohio

Survey No. 6147
Greene County, Ohio
Record No. 45-184

NON-RECORDED INSTRUMENT IMAGE

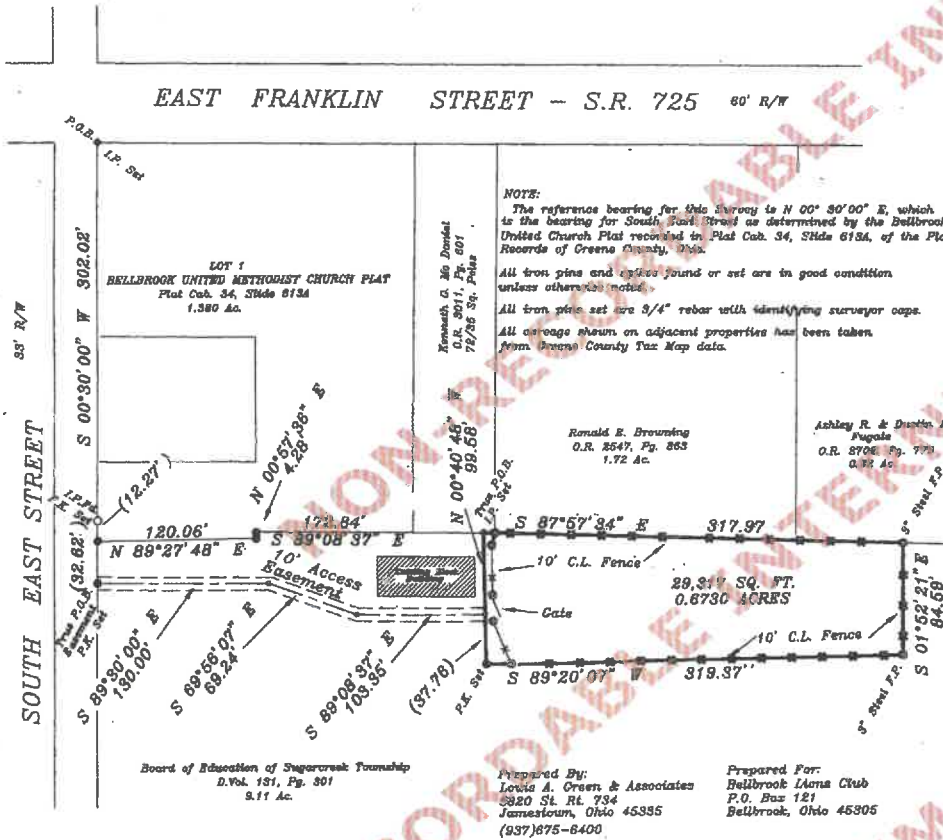
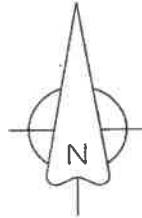
Legend

- ◆ Iron Pin Set
- P.K. Spike Set
- ⊙ 3" Steel C.L. Fence Post
- ✱ Existing 10' C.L. Fence

Graphic Scale



Scale 1" = 80'



NOTE:
 The reference bearing for this survey is N 00° 30' 00" E, which is the bearing for South East Street as determined by the Bellbrook United Church Plat recorded in Plat Cbk. 34, SHds 613A, of the Plat Records of Greene County, Ohio.
 All iron pins and spikes found or set are in good condition unless otherwise noted.
 All iron pins set are 3/4" rebar with identifying surveyor caps.
 All acreage shown on adjacent properties has been taken from Greene County Tax Map data.

Prepared By:
 Louis A. Green & Associates
 3820 St. Rt. 734
 Jameson, Ohio 45335
 (937)875-8400

Prepared For:
 Bellbrook Lions Club
 P.O. Box 121
 Bellbrook, Ohio 45305

SURVEYED BY: [Signature]
 REF. SURVEYOR NO. 6147

APPROVED GREENE COUNTY ENGINEER
 By: [Signature] Date 5/17

APPROVED BY: [Signature]
 ZONING R-2 DATE 6-17

RPCC, CITY, OR VILLAGE: _____ DATE _____



GRANTOR Bd. of Ed. of Sugar Creek Twp.
 GRANTEE Bellbrook Lions Club

LOCATION
 Section 32, Town 3, Range 6
 or Survey No. _____
 City of Bellbrook TOWNSHIP
 GREENE COUNTY, OHIO
 DATE May 4, 2017



Bellbrook Lion's Storage Building Plot Plan 1

Red Boundary lines indicate the property lines of the parcel

Blue area indicates the easement included in the deed continuing out to South East Street

Location of 3 electrical 200 amp service panels



Bellbrook Lion's Storage Building Plot Plan 2

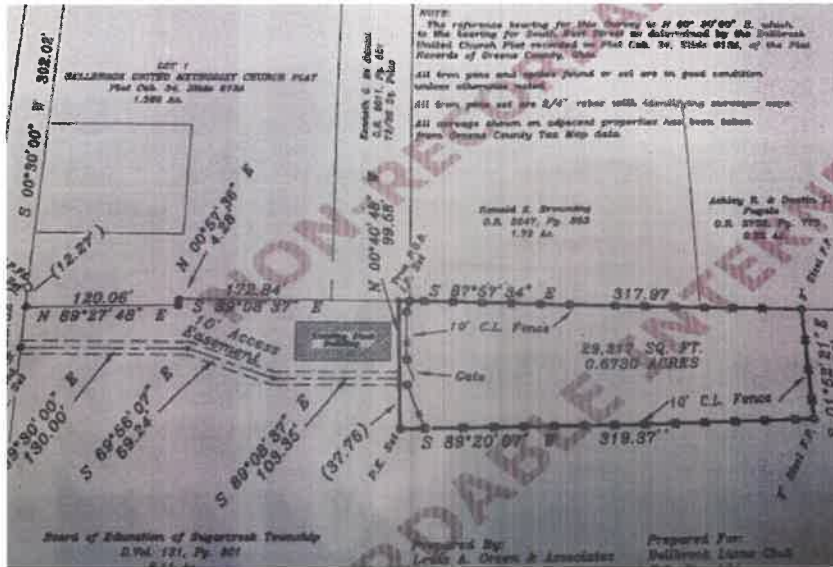
- *Building Site over existing concrete slab
- Access Easement described in the attached survey
- Topography lines illustrate existing elevations and drainage flow



The building (42'x104'=4368 sq ft) will be built over an existing concrete slab (39'x97'=3783 sq ft). There will be an increase of 585 sq ft which will create very little surface water run off.

The blue arrow in the drawing indicates the direction of run off.

Other Pictures of reference:



Deeded access easement drawing to South Street



39'x97' Existing Concrete Slab. Looking from the west end of the property.



Rear yard 10' high fence with a Natural Barrier of large trees, bushes and other growth.



Design #: 336952576666

Estimated price: \$58,528.37 *

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

How to purchase at the store

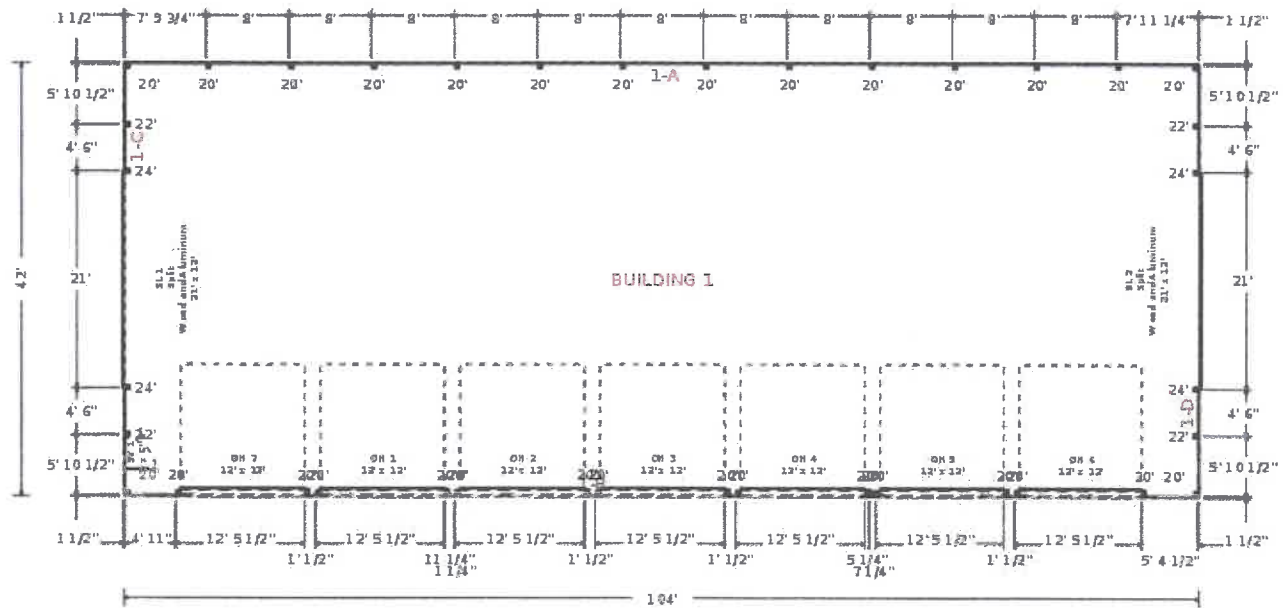
1. Take this packet to any Menards store.
2. Have a building materials team member enter the design number into The Post Frame Request Form on the Midwest Manufacturing website.
3. Apply the design to System V to create the SOCs.
4. Take the SOCs to the register and pay.

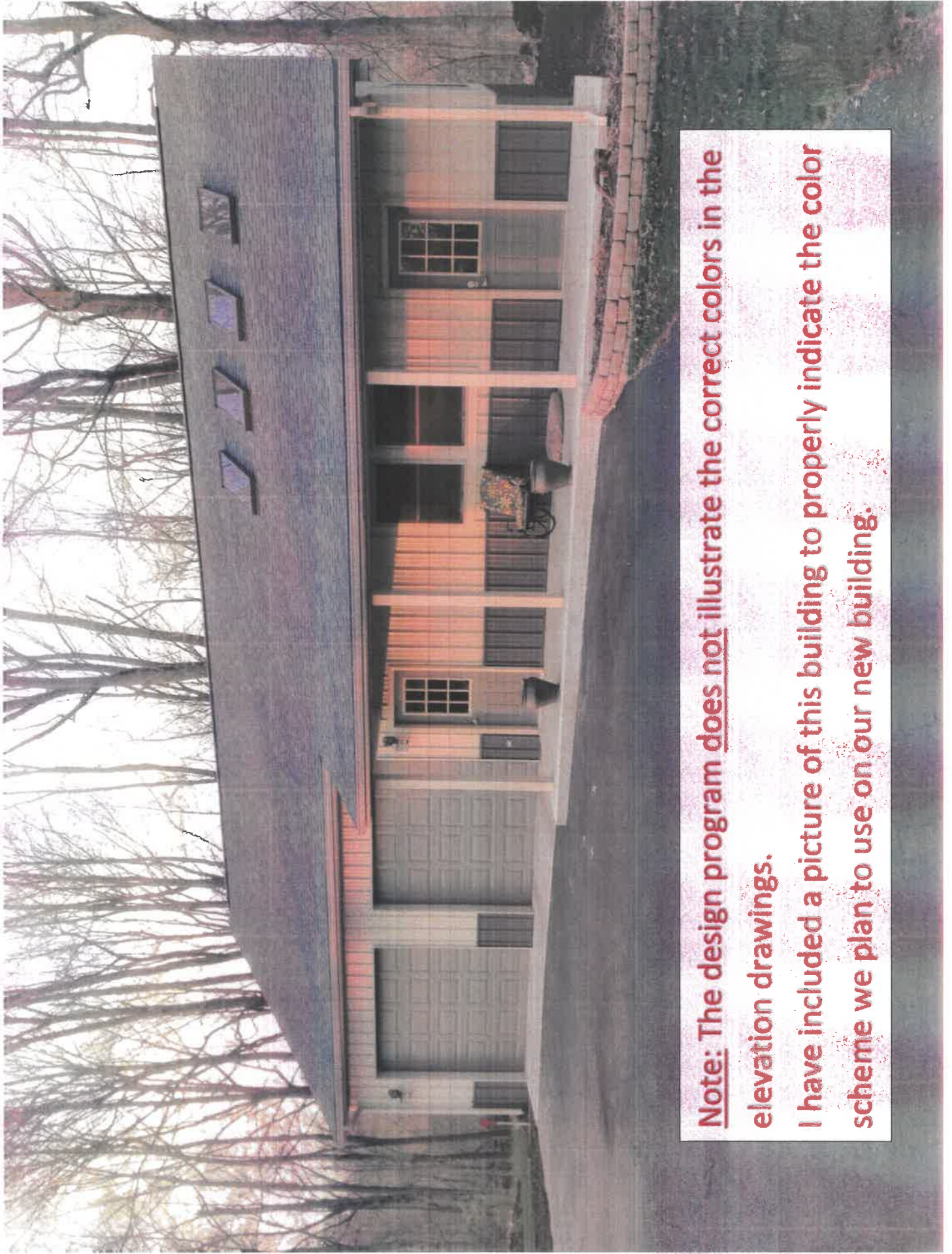
How to recall and purchase a saved design at home

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

39' x 97' Existing Concrete Slab

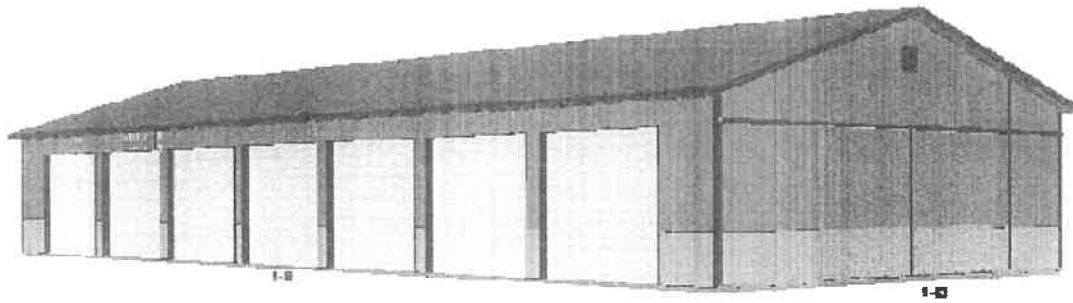
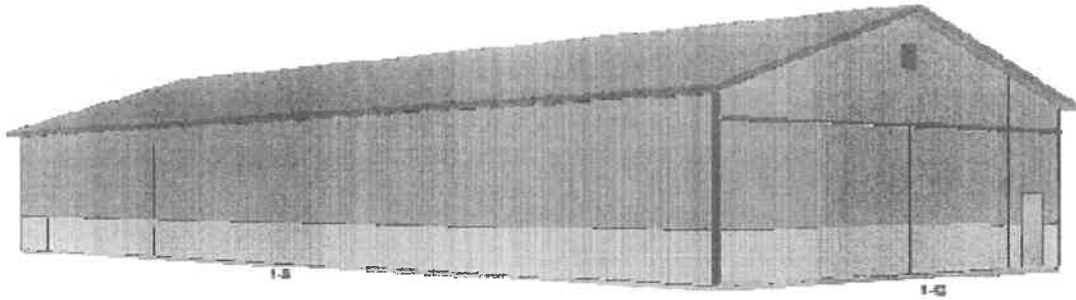




Note: The design program does not illustrate the correct colors in the elevation drawings.

I have included a picture of this building to properly indicate the color scheme we plan to use on our new building.

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 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.

Building Information

1. Building Use:	Code Exempt
2. Width:	42 ft
3. Length:	104 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 Type:	Posts
2. Post Spacing:	8 ft
3. Girt Type:	Flat
4. Exterior Wall Panel:	Pro-Rib
5. Exterior Wall Color:	Pinewood
6. Wainscot Size:	48 in
7. Wainscot Color:	Galvanized
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:	8 ft
3. Roof Type:	Pro-Rib
4. Roof Color:	Beige
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:	Beige
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

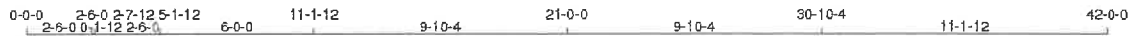
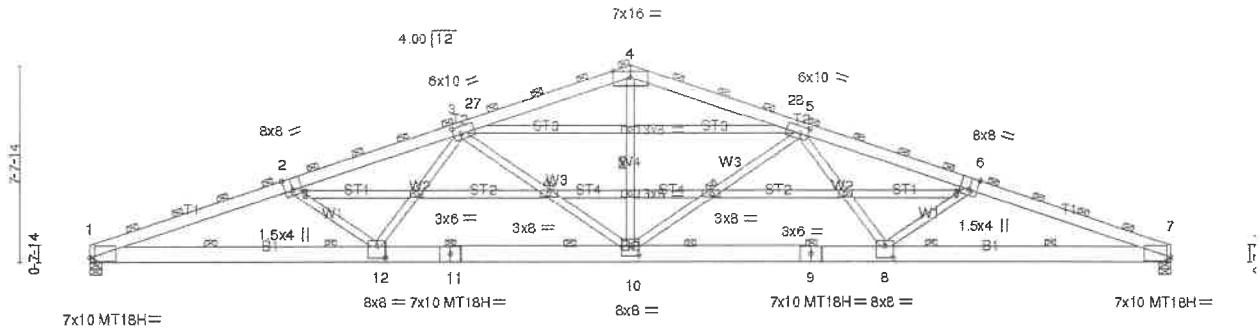
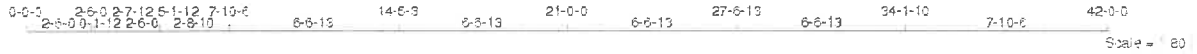
1. Outside Closure Strip:	Standard
2. Inside Closure Strip:	Standard
3. Gable Vent Type:	18"x24"
4. Gable Vent Quantity:	2
5. Gable Vent Color:	Light Gray
6. Cupola Size:	None
7. Gutters:	No
8. End Cap:	No
9. Mini Print:	Hardcopy and E-mail



Doors & Windows

Name	Size	Wall
Overhead Door	12' x 12'	1-B
Overhead Door	12' x 12'	1-B
Overhead Door	12' x 12'	1-B
Overhead Door	12' x 12'	1-B
Overhead Door	12' x 12'	1-B
Overhead Door	12' x 12'	1-B
Overhead Door	12' x 12'	1-B
Service Door	36"x80"	1-C
Sliding Door	21'x12'	1-C
Sliding Door	21'x12'	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, 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.



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL (roof) 20.0	9-0-0	TC 0.89	in (loc) Vdefl L/d	MT20	197/144
Snow (Ps/Pg) 11.3/20.0	Plate Grip DOL 1.15	BC 0.86	Vert(LL) -0.69 8-10 >726 240	MT18H	244/190
TCDL 4.0	Lumber DOL 1.15	WB 0.86	Vert(CT) -0.87 8-10 >578 180		
BCLL 0.0	Rep Stress Incr NO	(Matrix-M)	Horz(CT) 0.22 7 n/a n/a		
BCDL 1.0	Code IBC2015/TP12014			Weight: 308 lb	FT = 2

LUMBER-
 TOP CHORD 2x6 SPF 2100F 1.8E *Except*
 T1: 2x6 SP 2400F 2.0E
 BOT CHORD 2x8 SP 2400F 2.0E
 WEBS 2x4 SPF Stud *Except*
 W3, W4: 2x4 SPF No.2
 OTHERS 2x4 SPF Stud

BRACING-
 TOP CHORD 2-0-0 oc purlins (2-3-0 max.).
 BOT CHORD 5-0-0 oc bracing.
 WEBS 1 Row at midpt 3-10, 4-10, 5-10

REACTIONS. (lb/size) 1=3089/0-5-8 (min. 0-3-15), 7=3089/0-5-8 (min. 0-3-15)
 Max Horz 1=463(LC 12)
 Max Uplift 1=-2175(LC 8), 7=-2175(LC 9)
 Max Grav 1=4725(LC 2), 7=4725(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=11839/5329, 2-3=10550/4813, 3-27=7690/3412, 4-27=7286/3462,
 4-28=7286/3463, 5-28=7690/3412, 5-6=10550/4815, 6-7=11839/5331
 BOT CHORD 1-12=5141/11019, 11-12=3941/9127, 10-11=3941/9127, 9-10=3601/9127,
 8-9=3601/9127, 7-8=4803/11019
 WEBS 2-12=1596/1064, 3-12=684/1433, 3-10=2696/1628, 4-10=1466/3253,
 5-10=2696/1630, 5-8=686/1433, 6-8=1596/1065

JOINT STRESS INDEX
 1 = 0.99, 2 = 0.87, 3 = 0.50, 4 = 0.95, 5 = 0.50, 6 = 0.87, 7 = 0.99, 8 = 0.53, 9 = 0.86, 10 = 0.80, 11 = 0.86, 12 = 0.53, 13 = 0.79, 14 = 0.59, 15 = 0.72, 16 = 0.25,
 17 = 0.72, 18 = 0.59, 19 = 0.79 and 20 = 0.25

Continued on page 2

NOTES- (15)

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=105mph (3-second gust) Vasc=83mph. TCCL=3.0psf; BCDL=1.0psf; h=25ft; Cat. I; Exp C; enclosed; MWFRS (envelope) gable end zone, cantilever left and right exposed; end vertical left and right exposed, Lumber DOL=1.60 plate grip DOL=1.60 (Actual dead loads used per ANSI/TPI-1)
- 3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- 4) TCCL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Ps=11.3 psf (roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category I; Exp C; Fully Exp.; Ct=1.2; Unobstructed slippery surface
- 5) Roof design snow load has been reduced to account for slope.
- 6) Unbalanced snow loads have been considered for this design.
- 7) The bottom chord dead load shown is sufficient only to cover the truss weight itself and does not allow for any additional load to be added to the bottom chord.
- 8) Dead loads shown include weight of truss. Top chord dead load of 5.0 psf (or less) is not adequate for a shingle roof. Architect to verify adequacy of top chord dead load.
- 9) All plates are MT20 plates unless otherwise indicated.
- 10) Horizontal gable studs spaced at 2'-6" o.c.
- 11) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2175 lb uplift at joint 1 and 2175 lb uplift at joint 7.
- 13) This truss is designed in accordance with the 2015 International Building Code section 2308.1 and referenced standard ANSI/TPI 1.
- 14) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
- 15) Plate Approval Numbers: ESR-1988 and ESR-1352.

LOAD CASE(S) Standard

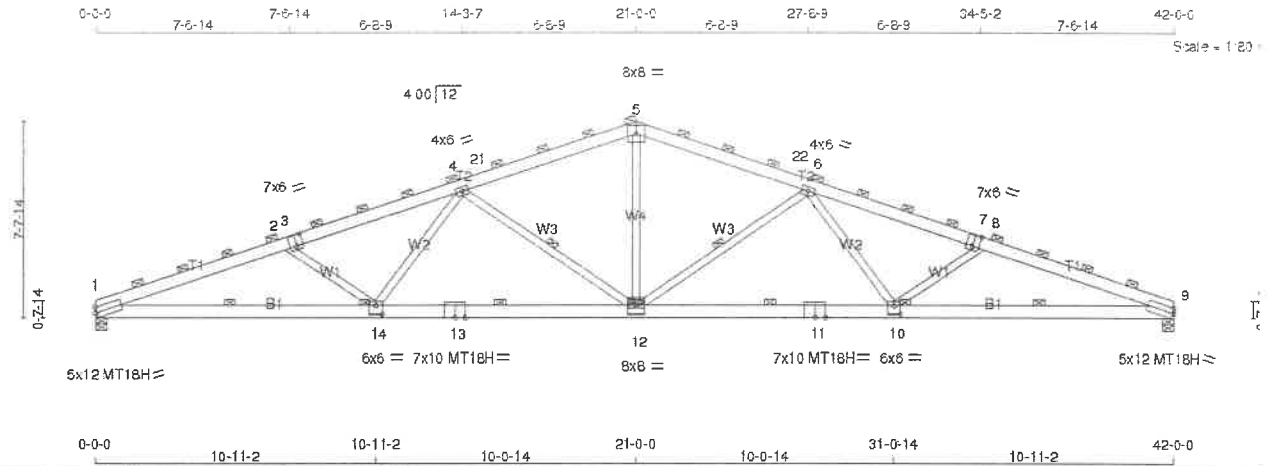


Plate Offsets (X, Y)		[3:0-3-0-0-5-4], [7:0-3-0-0-5-4], [10:0-3-0-0-4-0], [14:0-3-0-0-4-0]	
LOADING (psf)		SPACING-	CSI.
TCLL (roof) 20.0		8-0-0	TC 0.82
Snow (Ps/Pg) 11.3/20.0		Plate Grip DOL 1.15	BC 0.78
TCDL 4.0		Lumber DOL 1.15	WB 0.80
BCLL 0.0		Rep Stress Incr NO	(Matrix-M)
BCDL 1.0		Code IBC2015/TPI2014	
			DEFL.
			in (loc) l/defl L/d
			Vert(LL) -0.75 10-12 >676 240
			Vert(CT) -0.94 10-12 >536 180
			Horz(CT) 0.28 9 n/a n/a
			PLATES
			MT20 197/144
			MT18H 197/144
			Weight: 203 lb FT = 2

LUMBER-
 TOP CHORD 2x6 SPF 2100F 1.8E
 BOT CHORD 2x6 SPF 2100F 1.8E
 WEBS 2x4 SPF Stud *Except*
 W3, W4: 2x4 SPF No.2

BRACING-
 TOP CHORD 2-0-0 oc purlins (2-5-8 max.).
 BOT CHORD 5-6-0 oc bracing.
 WEBS 1 Row at midpt 4-12, 6-12

REACTIONS. (lb/size) 1=2745/0-5-8 (min. 0-5-5), 9=2745/0-5-8 (min. 0-5-5)
 Max Horz 1=-244(LC 13)
 Max Uplift 1=-1175(LC 8), 9=-1175(LC 9)
 Max Grav 1=4200(LC 2), 9=4200(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=-10493/2909, 2-3=-9320/2561, 3-4=-9291/2614, 4-21=-6806/1877,
 5-21=-6439/1922, 5-22=-6439/1922, 6-22=-6806/1877, 6-7=-9291/2615,
 7-8=-9320/2562, 8-9=-10493/2911
 BOT CHORD 1-14=2772/9743, 13-14=2113/8110, 12-13=2113/8110, 11-12=-1944/8110,
 10-11=-1944/8110, 9-10=-2605/9743
 WEBS 2-14=1413/606, 4-14=316/1245, 4-12=-2423/910, 5-12=-794/2867,
 6-12=2423/910, 6-10=318/1245, 8-10=-1413/607

JOINT STRESS INDEX
 1 = 0.82, 2 = 0.00, 3 = 0.71, 4 = 0.65, 5 = 0.78, 6 = 0.65, 7 = 0.71, 8 = 0.00, 9 = 0.82, 10 = 0.63, 11 = 0.78, 12 = 0.62, 13 = 0.78 and 14 = 0.63

NOTES- (13)
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-10; Vu11=105mph (3-second gust) Vasd=83mph; TCdL=3.0psf; BCdL=1.0psf; h=25ft; Cat. I; Exp C; enclosed; MWFRS (envelope); cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60
 Code in DOL=260 (Actual dead loads used per ANSI/TPI-1)

NOTES- (13)

- 3) TOLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Ps=11.3 psf (roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category I; Exp C; Fully Exp.; Ct=1.2; Unobstructed slippery surface
- 4) Roof design snow load has been reduced to account for slope.
- 5) Unbalanced snow loads have been considered for this design.
- 6) The bottom chord dead load shown is sufficient only to cover the truss weight itself and does not allow for any additional load to be added to the bottom chord.
- 7) Dead loads shown include weight of truss. Top chord dead load of 5.0 psf (or less) is not adequate for a shingle roof. Architect to verify adequacy of top chord dead load.
- 8) All plates are MT20 plates unless otherwise indicated.
- 9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (j1=1b) 1=1175, 9=1175.
- 11) This truss is designed in accordance with the 2015 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
- 12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
- 13) Plate Approval Numbers: ESR-1988 and ESR-1352.

LOAD CASE(S) Standard