

RE: J0224-0869

Lot 29 Woodbridge South

Trenco 818 Soundside Rd Edenton, NC 27932

Site Information:

Customer: Project Name: J0224-0869

Lot/Block: Model:
Address: Subdivision:
City: State:

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):

Design Code: IRC2015/TPl2014 Design Program: MiTek 20/20 8.4

Wind Code: N/A Wind Speed: N/A mph Roof Load: N/A psf Floor Load: 55.0 psf

This package includes 6 individual, dated Truss Design Drawings and 0 Additional Drawings.

No.	Seal#	Truss Name	Date
1	162809702	F01	1/2/2024
2	162809703	F02	1/2/2024
3	162809704	F03	1/2/2024
4	162809705	F04	1/2/2024
5	162809706	F05	1/2/2024
6	162809707	F06	1/2/2024

The truss drawing(s) referenced above have been prepared by Truss Engineering Co. under my direct supervision

based on the parameters provided by Comtech, Inc - Fayetteville.

Truss Design Engineer's Name: Gilbert, Eric

My license renewal date for the state of North Carolina is December 31, 2024.

North Carolina COA: C-0844

IMPORTANT NOTE: The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdiction(s) identified and that the designs comply with ANSI/TPI 1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes), which were given to TRENCO. Any project specific information included is for TRENCO customers file reference purpose only, and was not taken into account in the preparation of these designs. TRENCO has not independently verified the applicability of the design parameters or the designs for any particular building. Before use, the building designer should verify applicability of design parameters and properly incorporate these designs into the overall building design per ANSI/TPI 1, Chapter 2.



January 02, 2024

Job Truss Truss Type Qty Ply Lot 29 Woodbridge South 162809702 J0224-0869 F01 Floor 3 Job Reference (optional)

Fayetteville, NC - 28314, Comtech, Inc.

8.430 s Jan 6 2022 MiTek Industries, Inc. Tue Jan 2 12:15:52 2024 Page 1 ID:?e2f6D20Mb87TBwFO5hPsSyEJ4d-RfC?PsB70Hq3NSgPqnL8w3ulTXbGKWrCDoi7J4zJC?f





0-1-8 Scale = 1:26.9

FT = 20%F. 11%E

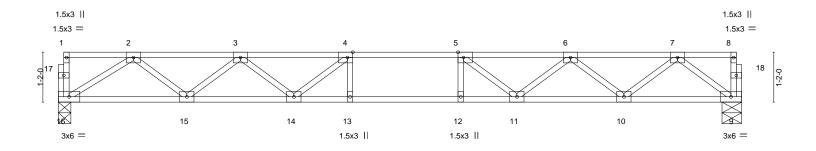


Plate Offsets (X,Y)--[4:0-1-8,Edge], [5:0-1-8,Edge] SPACING-**PLATES** GRIP LOADING (psf) CSI. DEFL. in (loc) I/defl L/d -0.17 13-14 **TCLL** 40.0 Plate Grip DOL 1.00 TC 0.39 Vert(LL) >999 480 244/190 MT20 TCDL 10.0 Lumber DOL 1.00 ВС 0.73 Vert(CT) -0.23 13-14 >828 360 **BCLL** 0.0 Rep Stress Incr YES WB 0.35 Horz(CT) 0.04 n/a n/a

TOP CHORD

LUMBER-**BRACING-**

TOP CHORD 2x4 SP No.1(flat) BOT CHORD 2x4 SP No.1(flat)

5.0

WEBS 2x4 SP No.3(flat) **BOT CHORD** Rigid ceiling directly applied or 10-0-0 oc bracing.

Matrix-S

REACTIONS. (size) 16=0-3-8, 9=0-5-8 Max Grav 16=686(LC 1), 9=686(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 2-3=-1532/0, 3-4=-2314/0, 4-5=-2565/0, 5-6=-2260/0, 6-7=-1424/0

Code IRC2015/TPI2014

BOT CHORD $15 - 16 = 0/987,\ 14 - 15 = 0/2049,\ 13 - 14 = 0/2565,\ 12 - 13 = 0/2565,\ 11 - 12 = 0/2565,\ 10 - 11 = 0/1965,\ 11 - 12 = 0/2565,\ 10 - 11 = 0/1965,\ 11 - 12 = 0/2565,\ 11 - 12 = 0/$

9-10=0/854

2-16=-1169/0, 2-15=0/710, 3-15=-673/0, 3-14=0/403, 7-9=-1070/0, 7-10=0/741, **WEBS**

6-10=-704/0, 6-11=0/432, 5-11=-547/0, 4-14=-500/0

NOTES-

BCDL

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are 3x4 MT20 unless otherwise indicated.
- 3) Plates checked for a plus or minus 1 degree rotation about its center.
- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.



Weight: 78 lb

Structural wood sheathing directly applied or 6-0-0 oc purlins,

except end verticals.



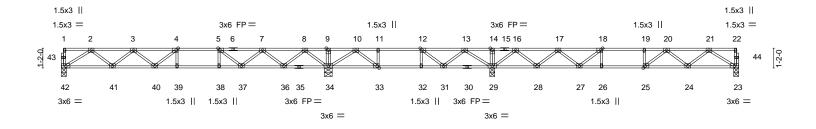
Job	Truss	Truss Type	Qty	Ply	Lot 29 Woodbridge South
					162809703
J0224-0869	F02	Floor	7	1	
					Job Reference (optional)

Comtech, Inc. Fayetteville, NC - 28314,

8.430 s Jan 6 2022 MiTek Industries, Inc. Tue Jan 2 12:15:54 2024 Page 1 ID:?e2f6D20Mb87TBwFO5hPsSyEJ4d-RfC?PsB70Hq3NSgPqnL8w3ulTXbGKWrCDoi7J4zJC?f

0-1-8





	15-8-12			1	25-4-12	1	39-11-0				
	15-8-12				9-8-0			14-6-4	'		
Plate Offsets	(X,Y)	[4:0-1-8,Edge], [5:0-1-8,E	dge], [12:0-1	-8,Edge], [18:	0-1-8,Edge]	, [25:0-1-8,Edge], [33:0-1-8,Edge	e]			
LOADING (psf)	SPACING-	1-7-3	CSI.		DEFL.	in (loc)	I/defI	L/d	PLATES	GRIP
TCLL 4	0.0	Plate Grip DOL	1.00	TC	0.45	Vert(LL)	-0.17 39-40	>999	480	MT20	244/190
TCDL 1	0.0	Lumber DOL	1.00	ВС	0.81	Vert(CT)	-0.22 39-40	>837	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.40	Horz(CT)	0.04 23	n/a	n/a		
BCDL	5.0	Code IRC2015/TF	PI2014	Matri	x-S	, ,				Weight: 193 lb	FT = 20%F, 11%E

BRACING-LUMBER-

TOP CHORD 2x4 SP No.1(flat) TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins,

BOT CHORD 2x4 SP No.1(flat) except end verticals.

2x4 SP No.3(flat) **BOT CHORD** Rigid ceiling directly applied or 6-0-0 oc bracing. **WEBS**

REACTIONS. All bearings 0-3-8 except (jt=length) 34=0-5-8.

(lb) - Max Grav All reactions 250 lb or less at joint(s) except 42=620(LC 3), 34=1178(LC 3), 23=548(LC 5), 29=1223(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-3=-1354/0, 3-4=-1975/0, 4-5=-2074/0, 5-7=-1632/0, 7-8=-658/47, 8-9=0/1176,

9-10=0/1177, 10-11=-441/806, 11-12=-441/806, 12-13=-213/859, 13-14=0/1428, 14-16=0/1428, 16-17=-382/344, 17-18=-1277/2, 18-19=-1628/0, 19-20=-1628/0,

20-21=-1155/0

BOT CHORD $41-42=0/882,\ 40-41=0/1803,\ 39-40=0/2074,\ 38-39=0/2074,\ 37-38=0/2074,\ 36-37=0/1258,$

34-36=-290/22, 33-34=-895/149, 32-33=-806/441, 31-32=-806/441, 29-31=-934/0,

28-29=-614/0, 27-28=-159/947, 26-27=0/1628, 25-26=0/1628, 24-25=0/1491,

23-24=0/780

2-42=-1045/0, 2-41=0/614, 3-41=-585/0, 3-40=0/256, 4-40=-259/84, 8-34=-1172/0,

8-36=0/849, 7-36=-809/0, 7-37=0/526, 5-37=-660/0, 13-29=-789/0, 13-31=0/412, 12-31=-417/0, 10-34=-650/0, 10-33=0/501, 21-23=-924/0, 21-24=0/488, 20-24=-437/0,

20-25=-71/263, 16-29=-1133/0, 16-28=0/804, 17-28=-770/0, 17-27=0/477, 18-27=-587/0

NOTES-

1) Unbalanced floor live loads have been considered for this design.

2) All plates are 3x4 MT20 unless otherwise indicated.

3) Plates checked for a plus or minus 1 degree rotation about its center.

4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

5) CAUTION, Do not erect truss backwards.





WEBS

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPII Quality Criteria and DSB-22 available from Truss Plate Institute (www.tpinst.org) and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcacomponents.com)



Job	Truss	Truss Type	Qty	Ply	Lot 29 Woodbridge South
	E02	5,000			162809704
J0224-0869	F03	FLOOR	2	1	I-b D-f (ti)
					Job Reference (optional)

Comtech, Inc. Fayetteville, NC - 28314,

8.430 s Jan 6 2022 MiTek Industries, Inc. Tue Jan 2 12:15:56 2024 Page 1 ID:?e2f6D20Mb87TBwFO5hPsSyEJ4d-RfC?PsB70Hq3NSgPqnL8w3ulTXbGKWrCDoi7J4zJC?f

0-1-8

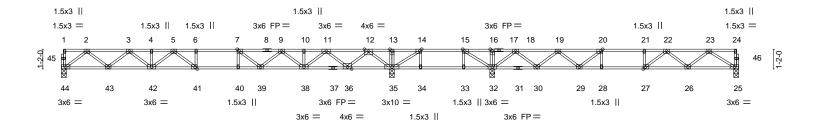
||1-3-0|

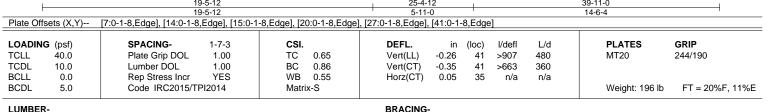
2-4-4

1-6-0 2-5-0 1-6-0

Structural wood sheathing directly applied or 6-0-0 oc purlins,

1-6-00-1-8 Scale = 1:67.9





TOP CHORD

LUMBER-TOP CHORD 2x4 SP No.1(flat)

BOT CHORD 2x4 SP No.1(flat) **WEBS**

except end verticals. 2x4 SP No.3(flat) **BOT CHORD** Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. All bearings 0-3-8.

(lb) - Max Grav All reactions 250 lb or less at joint(s) except 44=755(LC 3), 35=1291(LC 3), 32=987(LC 4), 25=554(LC

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

2-3=-1593/0, 3-4=-2647/0, 4-5=-2647/0, 5-6=-3103/0, 6-7=-3103/0, 7-9=-2747/0, TOP CHORD

9-10=-1858/0, 10-11=-1858/0, 11-12=-365/287, 12-13=0/2038, 13-14=0/2038,

14-15=0/1724, 15-16=0/1721, 16-18=0/1720, 18-19=-442/626, 19-20=-1323/217,

20-21=-1662/0, 21-22=-1662/0, 22-23=-1169/0

BOT CHORD 43-44=0/947, 42-43=0/2214, 41-42=0/2948, 40-41=0/3103, 39-40=0/3103, 38-39=0/2411,

36-38=-36/1203, 35-36=-827/0, 34-35=-1724/0, 33-34=-1724/0, 32-33=-1724/0,

30-32=-889/0, 29-30=-411/1002, 28-29=0/1662, 27-28=0/1662, 26-27=0/1512,

25-26=0/788

2-44=-1186/0, 2-43=0/841, 3-43=-809/0, 3-42=0/552, 5-42=-385/0, 5-41=-150/422,

12-35=-1527/0, 12-36=0/1153, 11-36=-1122/0, 11-38=0/869, 9-38=-730/0, 9-39=0/535,

7-39=-685/0, 14-35=-692/0, 15-32=-444/105, 18-32=-1160/0, 18-30=0/832,

19-30=-801/0, 19-29=0/519, 20-29=-660/0, 23-25=-933/0, 23-26=0/496, 22-26=-447/15

NOTES-

WEBS

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are 3x4 MT20 unless otherwise indicated.
- 3) Plates checked for a plus or minus 1 degree rotation about its center.
- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- 5) CAUTION, Do not erect truss backwards.



January 2,2024



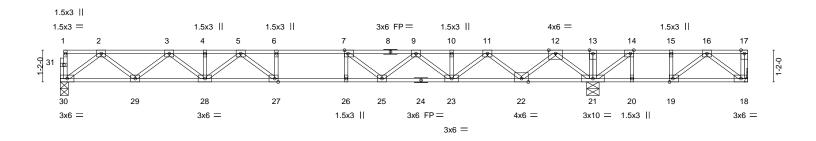
Job	Truss	Truss Type	Qty	Ply	Lot 29 Woodbridge South
					162809705
J0224-0869	F04	FLOOR	3	1	
					Job Reference (optional)

Comtech, Inc, Fayetteville, NC - 28314,

0-1-8

8.430 s Jan 6 2022 MiTek Industries, Inc. Tue Jan 2 12:15:57 2024 Page 1 ID:?e2f6D20Mb87TBwFO5hPsSyEJ4d-RfC?PsB70Hq3NSgPqnL8w3ulTXbGKWrCDoi7J4zJC?f

H| 1-3-0 2-5-4 1-3-12 Scale = 1:42.3



	19-6-12							
		19-6-12						
Plate Offsets (X,Y)	[7:0-1-8,Edge], [14:0-1-8,Edge], [19:0)-1-8,Edge], [27:0-1-8,Edge						
LOADING (psf)	SPACING- 1-7-3	CSI.	DEFL.	in (lo	c) I/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.66	Vert(LL)	-0.26	27 >914	480	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.83	Vert(CT)	-0.35	27 >663	360		
BCLL 0.0	Rep Stress Incr YES	WB 0.54	Horz(CT)	0.05	21 n/a	n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-S					Weight: 128 lb	FT = 20%F, 11%E

LUMBER-BRACING-

2x4 SP No.1(flat) *Except* TOP CHORD TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.

8-17: 2x4 SP 2400F 2.0E(flat)

BOT CHORD 2x4 SP No.1(flat) **BOT CHORD** Rigid ceiling directly applied or 6-0-0 oc bracing. WEBS 2x4 SP No.3(flat)

REACTIONS. 30=0-3-8, 18=Mechanical, 21=0-5-8 (size)

Max Uplift 18=-268(LC 3)

Max Grav 30=758(LC 10), 18=164(LC 4), 21=1521(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-3=-1600/0, 3-4=-2661/0, 4-5=-2661/0, 5-6=-3125/0, 6-7=-3125/0, 7-9=-2759/0,

9-10=-1859/0, 10-11=-1859/0, 11-12=-359/0, 12-13=0/1836, 13-14=0/1836,

14-15=-41/996. 15-16=-41/996

BOT CHORD 29-30=0/951, 28-29=0/2225, 27-28=0/2966, 26-27=0/3125, 25-26=0/3125, 23-25=0/2416,

22-23=0/1196, 21-22=-606/0, 20-21=-996/41, 19-20=-996/41, 18-19=-378/144

2-30=-1191/0, 2-29=0/845, 3-29=-814/0, 3-28=0/557, 12-21=-1552/0, 12-22=0/1143,

11-22=-1100/0, 11-23=0/856, 9-23=-717/0, 9-25=0/502, 7-25=-629/0, 5-28=-388/0,

5-27=-72/479, 16-18=-180/475, 14-21=-1261/0, 16-19=-789/0, 15-19=0/352

NOTES-

WEBS

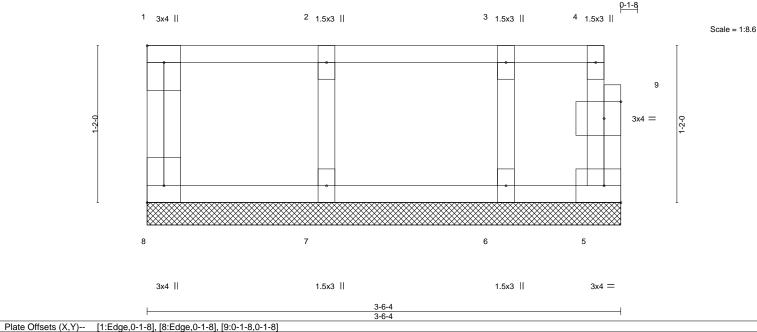
- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are 3x4 MT20 unless otherwise indicated.
- 3) Plates checked for a plus or minus 1 degree rotation about its center.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 268 lb uplift at joint 18.
- 6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- 7) CAUTION, Do not erect truss backwards.



January 2,2024



Job Truss Truss Type Qty Lot 29 Woodbridge South 162809706 J0224-0869 F05 Floor Supported Gable Job Reference (optional)
8.430 s Jan 6 2022 MiTek Industries, Inc. Tue Jan 2 12:15:58 2024 Page 1 Comtech, Inc, Fayetteville, NC - 28314, ID:?e2f6D20Mb87TBwFO5hPsSyEJ4d-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES	CSI. TC 0.06 BC 0.01 WB 0.03	DEFL. in (loc) l/defl L/d Vert(LL) n/a - n/a 999 Vert(CT) n/a - n/a 999 Horz(CT) 0.00 5 n/a n/a	PLATES GRIP MT20 244/190
BCDL 5.0	Code IRC2015/TPI2014	Matrix-R		Weight: 18 lb FT = 20%F, 11%E

LUMBER-

2x4 SP No.1(flat) TOP CHORD BOT CHORD 2x4 SP No.1(flat) **WEBS** 2x4 SP No.3(flat) **OTHERS** 2x4 SP No.3(flat) BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-6-4 oc purlins,

except end verticals.

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 3-6-4.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 8, 5, 7, 6

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-

- 1) Plates checked for a plus or minus 1 degree rotation about its center.
- 2) Gable requires continuous bottom chord bearing.
- 3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 4) Gable studs spaced at 1-4-0 oc.
- 5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- 6) CAUTION, Do not erect truss backwards.





Job Truss Truss Type Qty Lot 29 Woodbridge South 162809707 Floor J0224-0869 F06 Job Reference (optional)
8.430 s Jan 6 2022 MiTek Industries, Inc. Tue Jan 2 12:15:59 2024 Page 1 Comtech, Inc, Fayetteville, NC - 28314, ID:?e2f6D20Mb87TBwFO5hPsSyEJ4d-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f 1-6-2 3 1.5x3 || 3x4 || 3x4 =

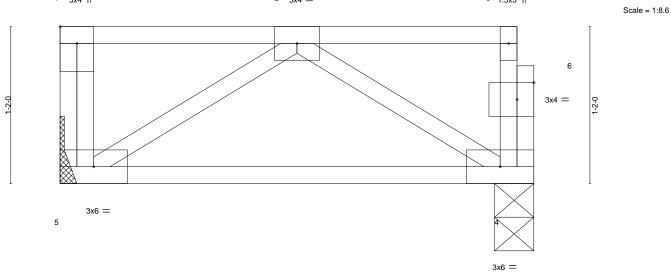


Plate Offsets (X,Y)--[1:Edge,0-1-8], [6:0-1-8,0-1-8] LOADING (psf) SPACING-DEFL. **PLATES** GRIP CSI. in (loc) I/defI L/d Plate Grip DOL 244/190 **TCLL** 40.0 1.00 TC 0.08 Vert(LL) 0.00 5 480 MT20 TCDL 10.0 Lumber DOL 1.00 BC 0.06 Vert(CT) -0.01 4-5 >999 360 **BCLL** 0.0 Rep Stress Incr YES WB 0.03 Horz(CT) 0.00 n/a n/a **BCDL** Code IRC2015/TPI2014 FT = 20%F, 11%E 5.0 Matrix-P Weight: 21 lb

BRACING-

LUMBER-

TOP CHORD 2x4 SP No.1(flat) 2x4 SP No.1(flat) **BOT CHORD** WEBS 2x4 SP No.3(flat)

TOP CHORD

except end verticals. **BOT CHORD** Rigid ceiling directly applied or 10-0-0 oc bracing.

Structural wood sheathing directly applied or 3-6-4 oc purlins,

REACTIONS. (size) 5=Mechanical, 4=0-3-8 Max Grav 5=120(LC 1), 4=116(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

- 1) Plates checked for a plus or minus 1 degree rotation about its center.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- 4) CAUTION, Do not erect truss backwards.

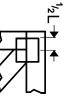




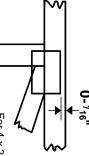
818 Soundside Road Edenton, NC 27932

Symbols

PLATE LOCATION AND ORIENTATION



offsets are indicated and fully embed teeth Center plate on joint unless x, y Apply plates to both sides of truss Dimensions are in ft-in-sixteenths



edge of truss. plates 0- 1/16" from outside For 4 x 2 orientation, locate

₹

connector plates. required direction of slots in This symbol indicates the

* Plate location details available in MiTek software or upon request

PLATE SIZE



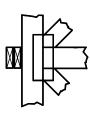
to slots. Second dimension is the length parallel to slots. width measured perpendicular The first dimension is the plate

LATERAL BRACING LOCATION



by text in the bracing section of the output. Use T or I bracing if indicated. ndicated by symbol shown and/or

BEARING



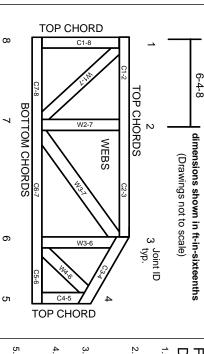
Min size shown is for crushing only number/letter where bearings occur reaction section indicates joint (supports) occur. Icons vary but Indicates location where bearings

Industry Standards:

National Design Specification for Metal Plate Connected Wood Trusses Installing, Restraining & Bracing of Metal Guide to Good Practice for Handling, Building Component Safety Information, Design Standard for Bracing. Plate Connected Wood Truss Construction.

DSB-22: ANSI/TPI1:

Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

Product Code Approvals

ICC-ES Reports:

ESR-1988, ESR-2362, ESR-2685, ESR-3282 ESR-4722, ESL-1388

Design General Notes

truss unless otherwise shown Trusses are designed for wind loads in the plane of the

established by others section 6.3 These truss designs rely on lumber values Lumber design values are in accordance with ANSI/TPI 1

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MiTek



MiTek Engineering Reference Sheet: MII-7473 rev. 1/2/2023

General Safety Notes

Damage or Personal Injury Failure to Follow Could Cause Property

- Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI
- Ņ Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative Tor I bracing should be considered.
- Never exceed the design loading shown and never stack materials on inadequately braced trusses.
- Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
- Cut members to bear tightly against each other

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- joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1. Place plates on each face of truss at each
- Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
- Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.

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- 9 Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
- Camber is a non-structural consideration and is the camber for dead load deflection responsibility of truss fabricator. General practice is to
- 11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
- Lumber used shall be of the species and size, and in all respects, equal to or better than that
- Top chords must be sheathed or purlins provided at spacing indicated on design.
- Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
- 15. Connections not shown are the responsibility of others
- Do not cut or alter truss member or plate without prior approval of an engineer.
- Install and load vertically unless indicated otherwise.
- Use of green or treated lumber may pose unacceptable project engineer before use. environmental, health or performance risks. Consult with
- 19. Review all portions of this design (front, back, words is not sufficient. and pictures) before use. Reviewing pictures alone
- Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.
- 21. The design does not take into account any dynamic or other loads other than those expressly stated.