

Trenco 818 Soundside Rd Edenton, NC 27932

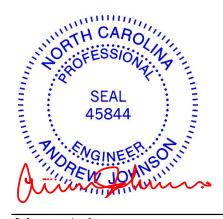
Re: 24021011 BCTH-46

The truss drawing(s) referenced below have been prepared by Truss Engineering Co. under my direct supervision based on the parameters provided by The Building Center.

Pages or sheets covered by this seal: I63996999 thru I63997013

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

North Carolina COA: C-0844



March 4,2024

Johnson, Andrew

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 MiTek or TRENCO. Any project specific information included is for MiTek's or TRENCO's customers file reference purpose only, and was not taken into account in the preparation of these designs. MiTek or 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.

Job Truss Truss Type Qty BCTH-46 163996999 24021011 L05 **GABLE** Job Reference (optional) 8.730 s Feb 22 2024 MiTek Industries, Inc. Sat Mar 2 20:07:33 2024 Page 1 The Building Center, Gastonia, NC - 28052, ID:sWUVkoBcB7eFy0GbrIE06iy7HxI-WDAMdI7NhJ0cn8iio3cC3a3P10Fb3Dwo4tRIrMzes6O 0-1-8 2 3 5 1 3x3 || Scale = 1:8.9 11 10 9 8 6 3x3 || 3x3 =1-4-0 1-4-0 1-4-0 0-8-12 LOADING (psf) SPACING-2-0-0 CSI. DEFL. I/defI L/d **PLATES** GRIP (loc) TCLL 40.0 Plate Grip DOL 1.00 TC 0.08 Vert(LL) n/a 999 244/190 n/a MT20 **TCDL** 10.0 Lumber DOL 1.00 ВС 0.02 Vert(CT) n/a n/a 999 0.00 **BCLL** 0.0 Rep Stress Incr YES WB 0.03 Horz(CT) 6 n/a n/a

BRACING-

TOP CHORD

BOT CHORD

LUMBER-

BCDL

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

5.0

WEBS 2x4 SP No.3(flat) **OTHERS** 2x4 SP No.3(flat)

REACTIONS. All bearings 4-8-12.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 10, 6, 9, 8, 7

Code IRC2015/TPI2014

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

NOTES-

- 1) All plates are 1.5x3 MT20 unless otherwise indicated.
- 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.

Matrix-R

6) CAUTION, Do not erect truss backwards.



Weight: 23 lb

Structural wood sheathing directly applied or 4-8-12 oc purlins,

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

except end verticals.

FT = 20%F, 11%E



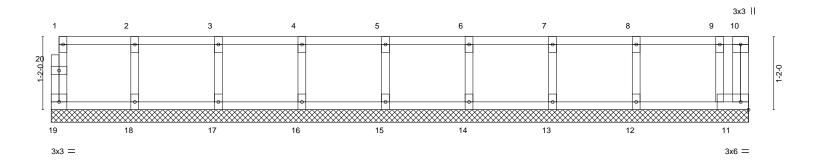
Job	Truss	Truss Type	Qty	Ply	BCTH-46	7
04004044	104	CARLE			163997000	,
24021011	L04	GABLE	1	1	11.57	
					Job Reference (optional)	

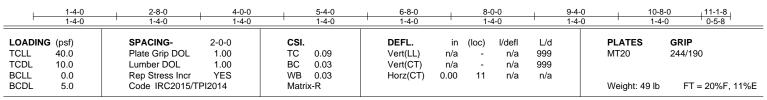
Gastonia, NC - 28052,

8.730 s Feb 22 2024 MiTek Industries, Inc. Sat Mar 2 20:07:32 2024 Page 1 ID:sWUVkoBcB7eFy0GbrlE06iy7HxI-WDAMdl7NhJ0cn8iio3cC3a3Px0FR3Dvo4tRlrNzes6O

0₁1₇8

Scale = 1:18.4





LUMBER-BRACING-

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

OTHERS 2x4 SP No.3(flat) TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins,

except end verticals.

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

REACTIONS. All bearings 11-1-8.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 19, 11, 18, 17, 16, 15, 14, 13, 12

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

NOTES-

- 1) All plates are 1.5x3 MT20 unless otherwise indicated.
- 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.





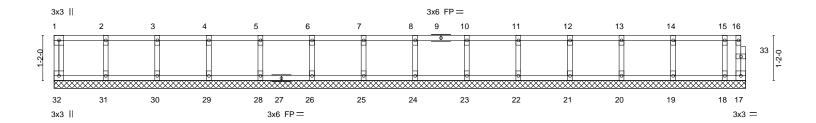
Job	Truss	Truss Type	Qty	Ply	BCTH-46	٦
04004044	1.00	OARL F			l63997001	
24021011	L03	GABLE	1	1		
			1		Llob Reference (optional)	- 1

Gastonia, NC - 28052,

8.730 s Feb 22 2024 MiTek Industries, Inc. Sat Mar 2 20:07:32 2024 Page 1 ID:sWUVkoBcB7eFy0GbrIE06iy7HxI-21czQy7lw?ul9?8VFM5zWMXEIdvLKmgfrDhkJwzes6P

0-11-8

Scale = 1:29.8



1-4-0	2-8-0	6-8-0 8-0-0 1-4-0 1-4-0	9-4-0 10-8-0 12-0-0 13-4-0 14-8 1-4-0 1-4-0 1-4-0 1-4-0 1-4-0	
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2015/TPI2014	CSI. TC 0.08 BC 0.02 WB 0.03 Matrix-R	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 17 n/a n/a	PLATES GRIP MT20 244/190 Weight: 76 lb FT = 20%F, 11%E

LUMBER-BRACING-

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

2x4 SP No.3(flat) **OTHERS** 2x4 SP No.3(flat)

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

except end verticals.

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

REACTIONS. All bearings 17-10-8.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 32, 17, 31, 30, 29, 28, 26, 25, 24, 23, 22, 21, 20, 19, 18

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

NOTES-

- 1) All plates are 1.5x3 MT20 unless otherwise indicated.
- 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.





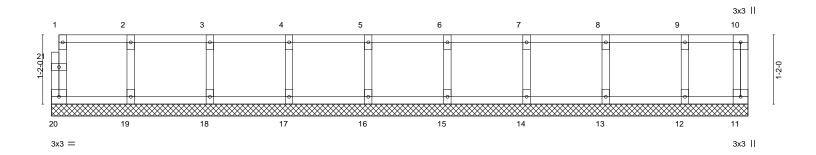
Job	Truss	Truss Type	Qty	Ply	BCTH-46	٦
					I63997002	2
24021011	L02	GABLE	1	1		
					Llob Reference (optional)	

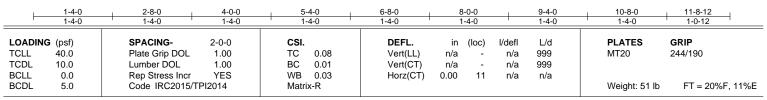
Gastonia, NC - 28052,

8.730 s Feb 22 2024 MiTek Industries, Inc. Sat Mar 2 20:07:31 2024 Page 1 ID:sWUVkoBcB7eFy0GbrlE06iy7HxI-Zr2bCc679hmuYrZJheak_9_3ZDZGbJRVcZyBnTzes6Q

0118

Scale = 1:19.4





BOT CHORD

LUMBER-BRACING-

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

WEBS 2x4 SP No.3(flat) **OTHERS** 2x4 SP No.3(flat)

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.

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

REACTIONS. All bearings 11-8-12.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 20, 11, 19, 18, 17, 16, 15, 14, 13, 12

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

NOTES-

- 1) All plates are 1.5x3 MT20 unless otherwise indicated.
- 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.





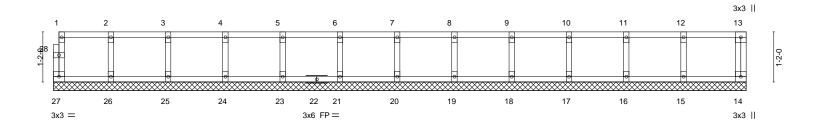
Job	Truss	Truss Type	Qty	Ply	BCTH-46	7
04004044	1.04	CARLE			163997003	j
24021011	L01	GABLE	1	1		
					Job Reference (optional)	

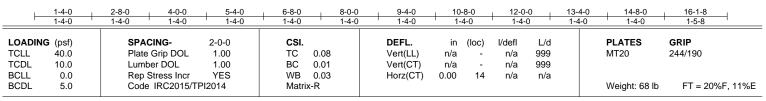
Gastonia, NC - 28052,

8.730 s Feb 22 2024 MiTek Industries, Inc. Sat Mar 2 20:07:30 2024 Page 1 ID:sWUVkoBcB7eFy0GbrIE06iy7Hxl-5eUD?G5VOOe1wh_77x2VRxRuqpE0ttBMNvCeF1zes6R

0118

Scale = 1:26.8





BOT CHORD

LUMBER-BRACING-

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

OTHERS 2x4 SP No.3(flat) TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.

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

REACTIONS. All bearings 16-1-8.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 27, 14, 26, 25, 24, 23, 21, 20, 19, 18, 17, 16, 15

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

NOTES-

- 1) All plates are 1.5x3 MT20 unless otherwise indicated.
- 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 Ply BCTH-46 163997004 F10 24021011 Floor Girder Job Reference (optional) 8.730 s Feb 22 2024 MiTek Industries, Inc. Sat Mar 2 20:07:21 2024 Page 1 The Building Center, Gastonia, NC - 28052, ID:sWUVkoBcB7eFy0GbrlE06iy7HxI-swRp6B_sWdWJLloO5YOOa2allB21Gm51J0XfQ2zes6a 0-9-8 0-6-0 2 3x3 = 4 1.5x3 || 1 1.5x3 II 3x3 = Scale = 1:8.6 1.5x3 = 1.5x3 1.5x3 || 5 8 3x3 = 3x6 = LOADING (psf) SPACING-2-0-0 CSI. DEFL. I/defI L/d **PLATES** GRIP (loc)

40.0 Plate Grip DOL 1.00 TC Vert(LL) -0.01 >999 360 244/190 **TCLL** 0.36 5-6 MT20 **TCDL** 10.0 Lumber DOL 1.00 ВС 0.45 Vert(CT) -0.02 5-6 >999 240 **BCLL** 0.0 Rep Stress Incr NO WB 0.15 Horz(CT) 0.00 5 n/a n/a Code IRC2015/TPI2014 BCDL 5.0 Matrix-S Weight: 20 lb FT = 20%F, 11%E

BRACING-

TOP CHORD

BOT CHORD

LUMBER-

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

2x4 SP No.3(flat) WEBS

REACTIONS. 5=Mechanical, 8=Mechanical Max Grav 5=437(LC 1), 8=425(LC 1)

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

TOP CHORD 2-3=-431/0

BOT CHORD 7-8=0/431, 6-7=0/431, 5-6=0/431

3-5=-526/0, 2-8=-653/0 WEBS

NOTES-

- 1) Unbalanced floor live loads have been considered for this design.
- 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.
- 5) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 591 lb down at 1-10-4 on top chord. The design/selection of such connection device(s) is the responsibility of others.
- 6) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

Concentrated Loads (lb)

Uniform Loads (plf) Vert: 5-8=-10, 1-4=-100 Vert: 3=-541(F)



Structural wood sheathing directly applied or 3-2-0 oc purlins,

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

except end verticals.

March 4,2024

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/TPI1 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	BCTH-46	\neg
04004044					16399700	5
24021011	F9	Floor	1	1	Joh Deference (antional)	
					Job Reference (optional)	

Gastonia, NC - 28052, The Building Center,

0-1-8

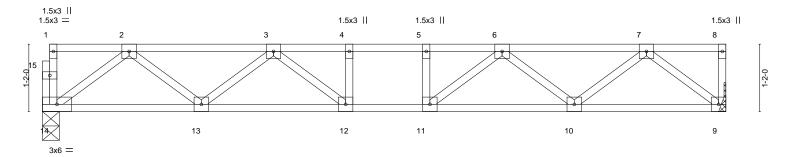
8.730 s Feb 22 2024 MiTek Industries, Inc. Sat Mar 2 20:07:29 2024 Page 1 ID:sWUVkoBcB7eFy0GbrlE06iy7Hxl-dSwrow4td4WAIXPwZDXGvkvg_PnB8M7D9GT4ibzes6S

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

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

except end verticals.





<u> </u>						11-10-0						
	' 11-10-0							·				
LOADING (p	osf)	SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	I/defI	L/d	PLATES	GRIP
	0.0	Plate Grip DOL	1.00	TC	0.28	Vert(LL)	-0.07	12	>999	360	MT20	244/190
TCDL 1	0.0	Lumber DOL	1.00	BC	0.50	Vert(CT)	-0.09	12	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.28	Horz(CT)	0.02	9	n/a	n/a		
BCDL	5.0	Code IRC2015/TP	12014	Matri	x-S						Weight: 60 lb	FT = 20%F, 11%E

TOP CHORD

BOT CHORD

LUMBER-BRACING-

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

WEBS 2x4 SP No.3(flat)

REACTIONS. 14=0-3-8, 9=Mechanical Max Grav 14=634(LC 1), 9=641(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 2-3=-1217/0, 3-4=-1769/0, 4-5=-1769/0, 5-6=-1769/0, 6-7=-1195/0 **BOT CHORD** 13-14=0/779, 12-13=0/1619, 11-12=0/1769, 10-11=0/1606, 9-10=0/750

 $2-14=-975/0,\ 2-13=0/570,\ 3-13=-523/0,\ 3-12=-24/370,\ 7-9=-958/0,\ 7-10=0/580,\ 6-10=-535/0,\ 6-11=-13/381$ WEBS

NOTES-

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are 3x3 MT20 unless otherwise indicated.
- 3) Refer to girder(s) for truss to truss connections.
- 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.



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/TPI1 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 BCTH-46 163997006 24021011 F8 Floor Girder Job Reference (optional) 8.730 s Feb 22 2024 MiTek Industries, Inc. Sat Mar 2 20:07:28 2024 Page 1

The Building Center,

1-3-0

Gastonia, NC - 28052,

ID:sWUVkoBcB7eFy0GbrIE06iy7HxI-9GNTaa4FsmOJhNqk0W01MWMQ0?MtPuL3wcjXA9zes6T

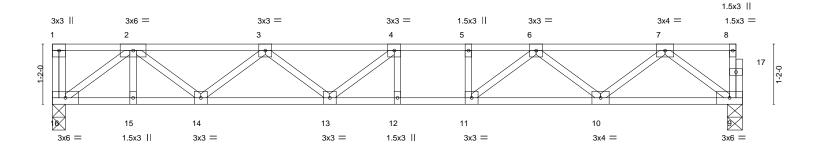
Structural wood sheathing directly applied or 6-0-0 oc purlins,

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

except end verticals.

1-3-0 0118

Scale = 1:22.3



	13-4-8 13-4-8								
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 NO	CSI. TC 0.61 BC 0.83 WB 0.37	DEFL. in (loc) l/defl L/d Vert(LL) -0.13 12-13 >999 360 Vert(CT) -0.18 12-13 >864 240 Horz(CT) 0.03 9 n/a n/a	PLATES GRIP MT20 244/190					
BCDL 5.0	Code IRC2015/TPI2014	Matrix-S		Weight: 70 lb FT = 20%F, 11%E					

BRACING-

TOP CHORD

BOT CHORD

LUMBER-

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

2x4 SP No.3(flat) WEBS

REACTIONS. 16=0-3-0, 9=0-3-8 (size)

Max Grav 16=989(LC 1), 9=749(LC 1)

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

TOP CHORD 2-3=-1799/0, 3-4=-2391/0, 4-5=-2418/0, 5-6=-2418/0, 6-7=-1491/0

BOT CHORD 15-16=0/1284, 14-15=0/1284, 13-14=0/2273, 12-13=0/2418, 11-12=0/2418, 10-11=0/2050, 9-10=0/926 2-16=-1586/0, 2-14=0/658, 3-14=-616/0, 7-9=-1159/0, 7-10=0/735, 6-10=-728/0, 6-11=0/623 WEBS

NOTES-

- 1) Unbalanced floor live loads have been considered for this design.
- 2) 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.
- 3) CAUTION, Do not erect truss backwards.
- 4) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 381 lb down at 1-4-12 on top chord. The design/selection of such connection device(s) is the responsibility of others.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

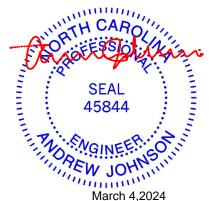
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf)

Vert: 9-16=-10, 1-8=-100

Concentrated Loads (lb)

Vert: 2=-301(B)





Job Truss Truss Type Qty Ply BCTH-46	
24021011 F7 Floor 2 1	163997007

Gastonia, NC - 28052,

8.730 s Feb 22 2024 MiTek Industries, Inc. Sat Mar 2 20:07:27 2024 Page 1 ID:sWUVkoBcB7eFy0GbrlE06iy7HxI-h4p4NE3d6TGS3DFYSpVopJpG1c?ugOkwhy_zeizes6U

Structural wood sheathing directly applied or 5-8-1 oc purlins,

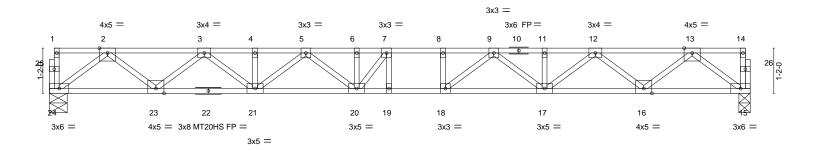
Rigid ceiling directly applied or 10-0-0 oc bracing.

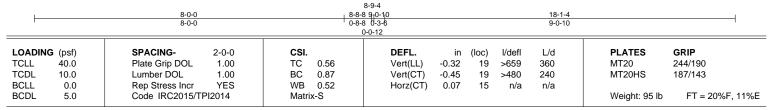
except end verticals.

0-1-8 H - 1-3-0

0-8-8 1-3-4

0-1-8 Scale = 1:29.8





BOT CHORD

LUMBER-**BRACING-**TOP CHORD

2x4 SP No.2(flat) TOP CHORD 2x4 SP No.2(flat) *Except* BOT CHORD

15-22: 2x4 SP No.1(flat)

WEBS 2x4 SP No.3(flat)

REACTIONS. (size) 24=0-5-8, 15=0-3-8 Max Grav 24=976(LC 1), 15=976(LC 1)

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

2-3=-2073/0, 3-4=-3461/0, 4-5=-3461/0, 5-6=-4136/0, 6-7=-4136/0, 7-8=-4164/0, TOP CHORD

8-9=-4164/0, 9-11=-3460/0, 11-12=-3460/0, 12-13=-2073/0

BOT CHORD 23-24=0/1227, 21-23=0/2885, 20-21=0/3892, 19-20=0/4164, 18-19=0/4164, 17-18=0/3891,

16-17=0/2884, 15-16=0/1227

WFBS 2-24=-1536/0, 2-23=0/1102, 3-23=-1057/0, 3-21=0/735, 5-21=-551/0, 5-20=0/372,

13-15=-1537/0, 13-16=0/1102, 12-16=-1055/0, 12-17=0/735, 9-17=-550/0, 9-18=-42/598,

NOTES-

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are MT20 plates unless otherwise indicated.
- 3) All plates are 1.5x3 MT20 unless otherwise indicated.
- 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.



March 4,2024



Job	Truss	Truss Type	Qty	Ply	BCTH-46	
					163997008	3
24021011	F6	Floor	6	1		
					Job Reference (optional)	

Gastonia, NC - 28052,

8.730 s Feb 22 2024 MiTek Industries, Inc. Sat Mar 2 20:07:26 2024 Page 1 ID:sWUVkoBcB7eFy0GbrIE06iy7HxI-DtFi9u2_L98bR4gMu5_ZH5H5JCgkxyjmTIEQ6Gzes6V

Structural wood sheathing directly applied or 5-8-14 oc purlins,

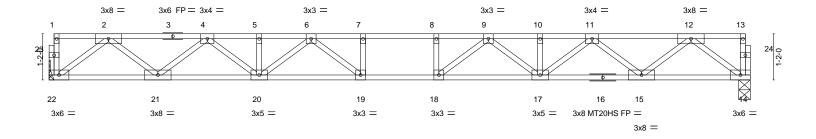
Rigid ceiling directly applied or 10-0-0 oc bracing.

except end verticals.

0-1-8 H | 1-3-0

1-8-12

0-1-8 Scale = 1:29.1



	17-8-12 17-8-12								
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP					
TCLL 40.0 TCDL 10.0	Plate Grip DOL 1.00 Lumber DOL 1.00	TC 0.62 BC 0.80	Vert(LL) -0.29 18-19 >713 360 Vert(CT) -0.40 18-19 >519 240	MT20 244/190 MT20HS 187/143					
BCLL 0.0 BCDL 5.0	Rep Stress Incr YES Code IRC2015/TPI2014	WB 0.51 Matrix-S	Horz(CT) 0.07 14 n/a n/a	Weight: 90 lb FT = 20%F, 11%E					

BRACING-

TOP CHORD

BOT CHORD

LUMBER-TOP CHORD

2x4 SP No.2(flat)

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

14-16: 2x4 SP No.2(flat)

WEBS 2x4 SP No.3(flat)

REACTIONS. (size) 22=Mechanical, 14=0-3-8

Max Grav 22=955(LC 1), 14=955(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 2-4=-2021/0, 4-5=-3360/0, 5-6=-3360/0, 6-7=-3993/0, 7-8=-3993/0, 8-9=-3993/0,

9-10=-3360/0, 10-11=-3360/0, 11-12=-2021/0

BOT CHORD $21 - 22 = 0/1200,\ 20 - 21 = 0/2809,\ 19 - 20 = 0/3760,\ 18 - 19 = 0/3993,\ 17 - 18 = 0/3760,\ 15 - 17 = 0/2809,$

14-15=0/1200

WEBS 2-22=-1502/0, 2-21=0/1069, 4-21=-1025/0, 4-20=0/704, 12-14=-1502/0, 12-15=0/1070,

11-15=-1025/0, 11-17=0/704, 9-17=-511/0, 9-18=-83/610, 6-20=-511/0, 6-19=-83/610,

7-19=-270/0, 8-18=-270/0

NOTES-

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are MT20 plates unless otherwise indicated. 3) All plates are 1.5x3 MT20 unless otherwise indicated.
- 4) Refer to girder(s) for truss to truss connections.
- 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.





Job Truss Truss Type Qty Ply BCTH-46 163997009 Floor 24021011 F5

The Building Center,

1-3-0

Gastonia, NC - 28052,

Job Reference (optional) 8.730 s Feb 22 2024 MiTek Industries, Inc. Sat Mar 2 20:07:25 2024 Page 1 ID:sWUVkoBcB7eFy0GbrlE06iy7Hxl-lhhKyY1Mar0kqw59KOTKkukvjoJ1CUOdEeVtZqzes6W

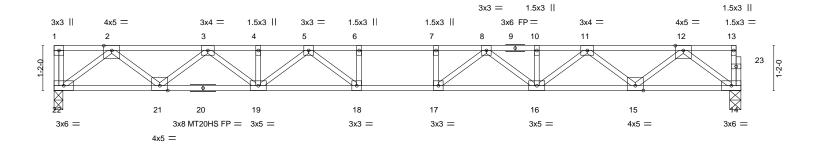
Structural wood sheathing directly applied or 5-6-6 oc purlins,

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

except end verticals.

1-10-8 0-<u>11</u>-8

Scale = 1:30.0



<u> </u>			17-10-8					
<u> </u>	17-10-8							
LOADING (psf) TCLL 40.0	SPACING- 2-0-0 Plate Grip DOL 1.00	CSI. TC 0.68	DEFL. in (loc) I/defl L/d Vert(LL) -0.30 17-18 >696 360	PLATES GRIP MT20 244/190				
TCDL 10.0	Lumber DOL 1.00	BC 0.83	Vert(CT) -0.42 17-18 >506 240	MT20HS 187/143				
BCLL 0.0 BCDL 5.0	Rep Stress Incr YES Code IRC2015/TPI2014	WB 0.52 Matrix-S	Horz(CT) 0.07 14 n/a n/a	Weight: 91 lb FT = 20%F, 11%E				

TOP CHORD

BOT CHORD

LUMBER-BRACING-

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

2x4 SP No.2(flat) *Except*

14-20: 2x4 SP No.1(flat)

WEBS 2x4 SP No.3(flat)

REACTIONS. (size) 22=0-2-12, 14=0-3-8 Max Grav 22=969(LC 1), 14=963(LC 1)

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

2-3=-2042/0, 3-4=-3400/0, 4-5=-3400/0, 5-6=-4057/0, 6-7=-4057/0, 7-8=-4057/0, TOP CHORD

8-10=-3400/0, 10-11=-3400/0, 11-12=-2041/0

BOT CHORD $21-22=0/1211,\ 19-21=0/2838,\ 18-19=0/3809,\ 17-18=0/4057,\ 16-17=0/3809,\ 15-16=0/2838,\ 18-19=0/3809,\ 17-18=0/4057,\ 18-19=0/3809,\ 18-19=0/2838,\ 18-19=0/3809,\ 18-1$

14-15=0/1210

2-22=-1519/0, 2-21=0/1081, 3-21=-1037/0, 3-19=0/717, 5-19=-522/0, 5-18=-73/638, WFBS

12-14=-1516/0, 12-15=0/1082, 11-15=-1038/0, 11-16=0/717, 8-16=-522/0, 8-17=-73/638,

7-17=-285/0, 6-18=-285/0

NOTES-

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are MT20 plates unless otherwise indicated.
- 3) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 22.
- 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.





Job	Truss	Truss Type	Qty	Ply	BCTH-46
24021011	E4	Eleor	2	1	163997010
24021011		Floor	3	'	Job Reference (optional)

The Building Center, Gastonia, NC - 28052,

8.730 s Feb 22 2024 MiTek Industries, Inc. Sat Mar 2 20:07:24 2024 Page 1 ID:sWUVkoBcB7eFy0GbrIE06iy7HxI-HV7ykD0kpYutCmWzngy5CgClmO_5T4BT?_IJ1Nzes6X

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

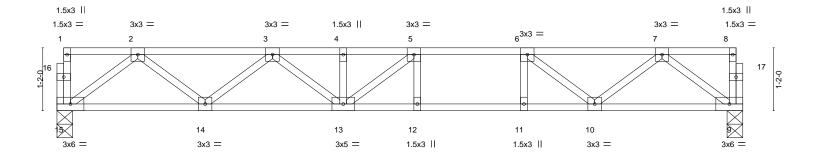
Rigid ceiling directly applied or 10-0-0 oc bracing.

except end verticals.



1-10-4

0₁1₁8 Scale = 1:21.4



12-8-12 12-8-12								
LOADIN	IG (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP			
TCLL	40.0	Plate Grip DOL 1.00	TC 0.63	Vert(LL) -0.15 12-13 >999 360	MT20 244/190			
TCDL	10.0	Lumber DOL 1.00	BC 0.82	Vert(CT) -0.20 12-13 >764 240				
BCLL	0.0	Rep Stress Incr YES	WB 0.32	Horz(CT) 0.03 9 n/a n/a				
BCDL	5.0	Code IRC2015/TPI2014	Matrix-S		Weight: 65 lb FT = 20%F, 11%E			

BRACING-

TOP CHORD

BOT CHORD

LUMBER-

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

2x4 SP No.3(flat)

(size) 15=0-3-8, 9=0-3-8 Max Grav 15=680(LC 1), 9=680(LC 1)

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

TOP CHORD 2-3=-1328/0, 3-4=-2022/0, 4-5=-2022/0, 5-6=-1935/0, 6-7=-1334/0

14-15=0/838, 13-14=0/1791, 12-13=0/1935, 11-12=0/1935, 10-11=0/1935, 9-10=0/817 **BOT CHORD** $2-15 = -1049/0, \ 2-14 = 0/638, \ 3-14 = -603/0, \ 3-13 = 0/294, \ 5-13 = -239/280, \ 7-9 = -1022/0, \ 7-10 = 0/673, \ 6-10 = -766/0, \ 7-10 = 0/673, \ 6-10 = -766/0, \ 7-10 = 0/673, \ 6-10 = -766/0, \ 7-10 = 0/673, \ 6-10 = -766/0, \ 7-10 = 0/673, \ 7$ WEBS

NOTES-

REACTIONS.

- 1) Unbalanced floor live loads have been considered for this design.
- 2) 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.



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/TPI1 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)



818 Soundside Road Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	BCTH-46	
04004044	F0	Fl Oi-d	_		I6399701	1
24021011	F3	Floor Girder	1	1	Job Reference (optional)	

The Building Center, Gastonia, NC - 28052,

8.730 s Feb 22 2024 MiTek Industries, Inc. Sat Mar 2 20:07:23 2024 Page 1 ID:sWUVkoBcB7eFy0GbrIE06iy7HxI-oIZaXt062Em0acxnDzQsfTfYn_eskaFKmK0mVxzes6Y

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

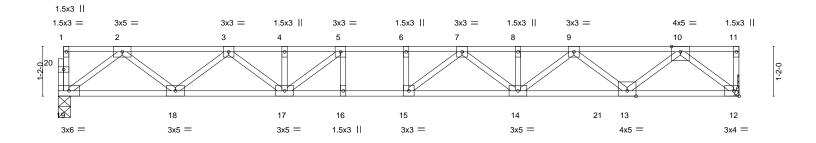
Rigid ceiling directly applied or 10-0-0 oc bracing.

except end verticals.



1-4-4

Scale = 1:27.0



15-11-12 									
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP					
TCLL 40.0 TCDL 10.0	Plate Grip DOL 1.00 Lumber DOL 1.00	TC 0.71 BC 0.88	Vert(LL) -0.23 14-15 >818 360 Vert(CT) -0.32 14-15 >591 240	MT20 244/190					
BCLL 0.0 BCDL 5.0	Rep Stress Incr NO Code IRC2015/TPI2014	WB 0.56 Matrix-S	Horz(CT) 0.06 12 n/a n/a	Weight: 82 lb FT = 20%F, 11%E					

TOP CHORD

BOT CHORD

LUMBER-BRACING-

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

19=0-3-8, 12=Mechanical

Max Grav 19=890(LC 1), 12=1112(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 2-3=-1859/0, 3-4=-3019/0, 4-5=-3019/0, 5-6=-3442/0, 6-7=-3442/0, 7-8=-3159/0, 8-9=-3159/0, 9-10=-2122/0 **BOT CHORD** 18-19=0/1114, 17-18=0/2565, 16-17=0/3442, 15-16=0/3442, 14-15=0/3418, 13-14=0/2763, 12-13=0/1224 2-19=-1395/0, 2-18=0/970, 3-18=-919/0, 3-17=0/579, 5-17=-749/0, 10-12=-1562/0, 10-13=0/1169, 9-13=-835/0, **WEBS**

9-14=0/505, 7-14=-331/0, 7-15=-237/334

NOTES-

REACTIONS.

- 1) Unbalanced floor live loads have been considered for this design.
- 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.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)

Vert: 19-21=-10, 12-21=-95(B=-85), 1-11=-100



March 4,2024



Job	Truss	Truss Type	Qty	Ply	BCTH-46
			_		I63997012
24021011	F2	Floor	5	1	
					Job Reference (optional)

Gastonia, NC - 28052,

8.730 s Feb 22 2024 MiTek Industries, Inc. Sat Mar 2 20:07:22 2024 Page 1 ID:sWUVkoBcB7eFy0GbrIE06iy7HxI-K6?BJX?UHweAySNafFvd6F6R8bG5?9rBYgGCyVzes6Z

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

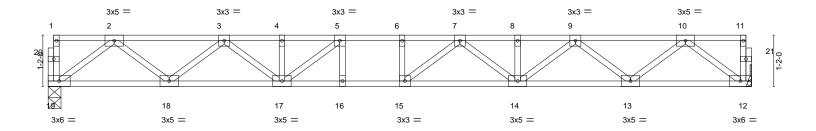
Rigid ceiling directly applied or 2-2-0 oc bracing.

except end verticals.

0-1-8 H — 1-3-0

1-2-12

0-1-8 Scale = 1:26.2



15-11-12 15-11-12									
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP					
TCLL 40.0	Plate Grip DOL 1.00	TC 0.51	Vert(LL) -0.22 14-15 >862 360	MT20 244/190					
TCDL 10.0	Lumber DOL 1.00	BC 0.98	Vert(CT) -0.30 14-15 >623 240						
BCLL 0.0	Rep Stress Incr YES	WB 0.44	Horz(CT) 0.06 12 n/a n/a						
BCDL 5.0	Code IRC2015/TPI2014	Matrix-S		Weight: 83 lb FT = 20%F, 11%E					

BRACING-

TOP CHORD

BOT CHORD

LUMBER-TOP CHORD

2x4 SP No.2(flat) 2x4 SP No.2(flat)

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

REACTIONS. 19=0-3-8, 12=Mechanical Max Grav 19=859(LC 1), 12=859(LC 1)

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

TOP CHORD 2-3=-1781/0, 3-4=-2873/0, 4-5=-2873/0, 5-6=-3224/0, 6-7=-3224/0, 7-8=-2886/0, 8-9=-2886/0, 9-10=-1779/0 **BOT CHORD** 18-19=0/1074, 17-18=0/2451, 16-17=0/3224, 15-16=0/3224, 14-15=0/3164, 13-14=0/2454, 12-13=0/1073 2-19=-1344/0, 2-18=0/921, 3-18=-872/0, 3-17=0/538, 5-17=-650/0, 10-12=-1343/0, 10-13=0/919, 9-13=-879/0, 10-12=-1344/0, 10-13=0/919, 10-13=-879/0, 10-13=0/919,WEBS

9-14=0/552, 7-14=-355/0, 7-15=-188/378

NOTES-

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are 1.5x3 MT20 unless otherwise indicated.
- 3) Refer to girder(s) for truss to truss connections.
- 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.



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/TPI1 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	BCTH-46
24021011	E4	Elect	1	1	l63997013
24021011		Floor	'	'	Job Reference (optional)

Gastonia, NC - 28052,

8.730 s Feb 22 2024 MiTek Industries, Inc. Sat Mar 2 20:07:20 2024 Page 1 ID:sWUVkoBcB7eFy0GbrlE06iy7Hxl-OjuRvrzEIJNSj9DCYrt91q140neOXFFu4Mn6uczes6b

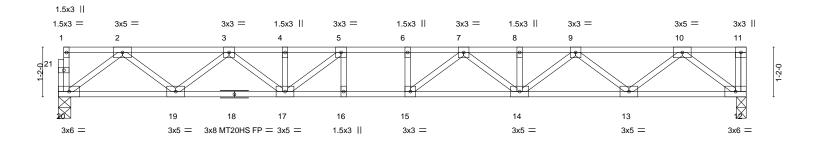
Structural wood sheathing directly applied or 6-0-0 oc purlins,

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

except end verticals.



1-4-8 Scale = 1:27.0



5-4-8 5-4-8	16-1-8 10-9-0							
LOADING (psf) SPACING- TCLL 40.0 Plate Grip DOL TCDL 10.0 Lumber DOL BCLL 0.0 Rep Stress Incr BCDL 5.0 Code IRC2015/T	2-0-0 1.00 1.00 YES PI2014	CSI. TC 0.55 BC 0.74 WB 0.44 Matrix-S	DEFL. Vert(LL) Vert(CT) Horz(CT)	in (loc) -0.22 14-15 -0.30 14-15 0.05 12	l/defl >880 >636 n/a	L/d 360 240 n/a	PLATES MT20 MT20HS Weight: 84 lb	GRIP 244/190 187/143 FT = 20%F, 11%E

TOP CHORD

BOT CHORD

LUMBER-BRACING-

TOP CHORD 2x4 SP No.2(flat) 2x4 SP No.2(flat) *Except* **BOT CHORD**

12-18: 2x4 SP No.1(flat)

WEBS 2x4 SP No.3(flat)

REACTIONS. (size) 20=0-3-8, 12=0-2-12 Max Grav 20=867(LC 1), 12=873(LC 1)

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

TOP CHORD 2-3=-1802/0, 3-4=-2910/0, 4-5=-2910/0, 5-6=-3282/0, 6-7=-3282/0, 7-8=-2926/0,

8-9=-2926/0. 9-10=-1799/0 BOT CHORD 19-20=0/1084, 17-19=0/2481, 16-17=0/3282, 15-16=0/3282, 14-15=0/3214, 13-14=0/2484,

12-13=0/1084

2-20=-1358/0, 2-19=0/934, 3-19=-884/0, 3-17=0/548, 10-12=-1360/0, 10-13=0/931, WFBS

9-13=-892/0, 9-14=0/564, 7-14=-367/0, 7-15=-181/396, 5-17=-685/0

NOTES-

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are MT20 plates unless otherwise indicated.
- 3) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 12.
- 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.





Symbols

PLATE LOCATION AND ORIENTATION



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



For 4 x 2 orientation, locate plates 0- $\frac{1}{16}$ from outside edge of truss.

₹

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

*Plate location details available in MiTek software or upon request.

PLATE SIZE

4 × 4

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

LATERAL BRACING LOCATION



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

BEARING



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

Industry Standards: ANSI/TPI1: National Design Specification for Metal

DSB-22:

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

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

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

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

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MITOK



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

▲ General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

- Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI
- 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.
- Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1.
- 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.

œ

Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.

9

- Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
- 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 specified.
- 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.
- 17. Install and load vertically unless indicated otherwise.
- Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
- Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
- Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.
- The design does not take into account any dynamic or other loads other than those expressly stated.