

MiTek USA, Inc. 16023 Swingley Ridge Rd Chesterfield, MO 63017 314-434-1200

Re: MN87 WESTPORT TUSCAN 3-CAR



The truss drawing(s) referenced below have been prepared by MiTek USA, Inc. under my direct supervision based on the parameters provided by Mid America MO.

Pages or sheets covered by this seal: I44670929 thru I44670948

My license renewal date for the state of Missouri is December 31, 2021.

Missouri COA: Engineering 001193



Sevier, Scott

February 4,2021

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.

,Engineer



WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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/TP11 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

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2) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=15.4 psf (flat

roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10

3) Unbalanced snow loads have been considered for this design.

4) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.4 psf on overhangs non-concurrent with other live loads.

5) Plates checked for a plus or minus 2 degree rotation about its center.

6) Refer to girder(s) for truss to truss connections.

7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7, 5.







⁽lb) - Max Horz 13=163(LC

- Max Horz 13=163(LC 10) Max Uplift All uplift 100 lb or less at joint(s) 8, 9, 10, 11, 12
- Max Grav All reactions 250 lb or less at joint(s) 13, 8, 9, 10, 11, 12

NOTES-

- Wind: ASCE 7-10; Vult=115mph Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
- 2) 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.
- 3) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=15.4 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
- 4) Unbalanced snow loads have been considered for this design.
- 5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.4 psf on overhangs non-concurrent with other live loads.
- 6) Plates checked for a plus or minus 2 degree rotation about its center.
- 7) Gable requires continuous bottom chord bearing.
- 8) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 9) Gable studs spaced at 2-0-0 oc.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 8, 9, 10, 11, 12.





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







- cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
- 3) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15); Pa=20.0 psf (ground snow); Pf=15.4 psf (flat roof snow: Lumber DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
- 4) Unbalanced snow loads have been considered for this design.
- 5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.4 psf on overhangs non-concurrent with other live loads.
- 6) Plates checked for a plus or minus 2 degree rotation about its center.
- 7) Bearing at joint(s) 17 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 17, 11.







6) Plates checked for a plus or minus 2 degree rotation about its center.

7) Bearing at joint(s) 17 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.

8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 17, 11.







8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 19, 12.



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Plate Offsets (X,Y) [2:0-2-0,	0-1-12]			
LOADING (psf) TCLL (roof) 20.0 Snow (Pf/Pg) 15.4/20.0 TCDL 10.0 BCDL 0.0 BCDL 10.0	SPACING- 2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IBC2015/TPI2014	CSI. TC 0.61 BC 0.63 WB 0.64 Matrix-SH	DEFL. in (loc) I/defl Vert(LL) -0.08 14 >999 3 Vert(CT) -0.28 13-14 >999 2 Horz(CT) 0.07 11 n/a	L/d PLATES GRIP 360 MT20 244/190 240 n/a Weight: 233 lb FT = 3%
LUMBER- TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2 WEBS 2x4 SP No.2		BRACIN TOP CH BOT CH WEBS	 3- CRD Structural wood sheathing dexcept end verticals. CRD Rigid ceiling directly applied 1 Row at midpt 1 Row at midpt 	directly applied or 4-0-3 oc purlins, d or 6-0-0 oc bracing. Except: 8-13 7-13, 10-11, 9-11, 3-17

REACTIONS. (size) 11=0-4-0, 17=0-4-0 Max Horz 17=331(LC 10) Max Uplift 11=-57(LC 11), 17=-44(LC 11) Max Grav 11=1121(LC 2), 17=1184(LC 2)

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

- TOP CHORD 2-3=-461/66, 3-5=-1773/94, 5-6=-1624/114, 6-7=-1645/153, 7-8=-714/95, 8-9=-691/133,
- 2-17=-395/77
- BOT CHORD 16-17=-160/1688, 13-14=-104/943
- WEBS 14-16=-80/1534, 5-14=-323/93, 7-14=-84/964, 7-13=-801/137, 9-13=-102/1128, 11-13=-78/299, 9-11=-1062/84, 3-17=-1504/28
- NOTES-

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

2) Wind: ASCE 7-10; Vult=115mph Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope);

- cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
- 3) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15); Pg=20.0 psf (ground snow); Pf=15.4 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
- 4) Unbalanced snow loads have been considered for this design.

5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.4 psf on overhangs non-concurrent with other live loads.

6) Plates checked for a plus or minus 2 degree rotation about its center.

7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 11, 17.







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

2) Wind: ASCE 7-10; Vult=115mph Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope);

cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33

3) TCL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=15.4 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10

4) Unbalanced snow loads have been considered for this design.

5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.4 psf on overhangs non-concurrent with other live loads.

6) Plates checked for a plus or minus 2 degree rotation about its center.

7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 11, 18.







Continued on page 2

🔺 WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601 MiTek

16023 Swingley Ridge Rd Chesterfield, MO 63017

Job	Ti	russ	Truss Type	Qty	Ply	WESTPORT TUSCAN 3-CAR	
							144670939
MN87	T	1GE	GABLE	1	1	Ich Reference (optional)	
Mid America T	russ, Jeffer	rson City, MO - 65101,		8	.430 s Nov	30 2020 MiTek Industries, Inc. Thu Feb 4 08:54:26 2021	Page 2

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LOAD CASE(S) Standard

Uniform Loads (plf) Vert: 1-2=-51, 2-15=-51, 15-17=-51, 18-33=-20 Concentrated Loads (lb) Vert: 18=-367(B)





6) Refer to girder(s) for truss to truss connections.

7) Bearing at joint(s) 20 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.

8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 20, 12.



MiTek 16023 Swingley Ridge Rd Chesterfield, MO 63017



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Plate Offsets (X,Y) [4:0-	3-11,Edge], [23:Edge,0-2-0]						
LOADING (psf) TCLL (roof) 20.0 Snow (Pf/Pg) 15.4/20.0 TCDL 10.0 BCLL 0.0 BCDL 10.0	SPACING- 2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IBC2015/TPI2014	CSI. TC 0.12 BC 0.13 WB 0.13 Matrix-R	DEFL. Vert(LL) Vert(CT) Horz(CT)	in (loc) n/a - n/a - -0.00 23	l/defl L/d n/a 999 n/a 999 n/a n/a	PLATES MT20 Weight: 321 lb	GRIP 244/190 FT = 3%
LUMBER- TOP CHORD 2x4 SP No. BOT CHORD 2x4 SP No. WEBS 2x4 SP No. OTHERS 2x4 SP No.	2 2 2 2	BR TC BC WE	ACING- IP CHORD	Structural wood except end verti Rigid ceiling dire 1 Row at midpt	sheathing directly ap cals. ectly applied or 10-0-(14-31, 13 17-28	plied or 6-0-0 oc purlins,) oc bracing. 3-32, 12-33, 11-35, 15-3(0, 16-29,

REACTIONS. All bearings 40-0-0.

(lb) - Max Horz 44=163(LC 8)

Max Uplift All uplift 100 lb or less at joint(s) 23, 32, 33, 35, 36, 37, 38, 39, 40, 41, 43, 30, 29, 28, 27, 26, 25, 24

Max Grav All reactions 250 lb or less at joint(s) 44, 23, 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 43, 30, 29, 28, 27, 26, 25, 24

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

NOTES-

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

2) Wind: ASCE 7-10; Vult=115mph Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33

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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=15.4 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10

5) Unbalanced snow loads have been considered for this design.

6) Plates checked for a plus or minus 2 degree rotation about its center.

7) Gable requires continuous bottom chord bearing.

8) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

9) Gable studs spaced at 2-0-0 oc.

10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 23, 32, 33, 35, 36, 37, 38, 39, 40, 41, 43, 30, 29, 28, 27, 26, 25, 24.











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- 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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=15.4 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
- 5) Unbalanced snow loads have been considered for this design.
- 6) Plates checked for a plus or minus 2 degree rotation about its center.
- Gable requires continuous bottom chord bearing.
- 8) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 9) Gable studs spaced at 2-0-0 oc.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 14, 8, 12, 13, 10, 9.













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Plate Offsets (X,Y) [2:0-3-6,	0-2-12], [4:0-3-6,0-2-12], [5:0	0-2-8,0-1-12], [9:0-5-0,0-	·3-0], [14:0-1-15,0-1-0]	[17:0-1-15,0-	I-0], [30:	0-1-15,0-1	-0], [33:0-1-15	5,0-1-0]	
LOADING (ps TCLL (roof) Snow (Pf/Pg) TCDL BCLL BCDL	f) 20.0 15.4/20.0 10.0 0.0 10.0	SPACING- 2 Plate Grip DOL Lumber DOL Rep Stress Incr Code IBC2015/TPI2	2-0-0 CSI. 1.15 TC 1.15 BC YES WB 0014 Matrix	0.89 Ve 0.65 Ve 0.56 Hc x-SH	i FL. in rt(LL) -0.10 rt(CT) -0.24 rz(CT) 0.09	n (loc) 9-10 9-10 7	l/defl >999 >999 n/a	L/d 360 240 n/a	PLATES MT20 Weight: 228 lb	GRIP 244/190 FT = 3%
LUMBER- TOP CHORD BOT CHORD WEBS OTHERS	2x4 SP No.2 2x4 SP No.2 2x4 SP No.2 2x4 SP No.2 2x4 SP No.2			BRACING- TOP CHOR BOT CHOR WEBS	D Structu D Rigid o 1 Row	ral wood eiling dir at midpt	sheathing ectly appli	g directly applie ed or 10-0-0 o 4-9, 2-9, 2-1	ed, except end vertic c bracing. 11, 4-7	als.

REACTIONS. (size) 11=0-4-0, 7=0-3-8 Max Horz 11=-60(LC 14) Max Uplift 11=-19(LC 11), 7=-30(LC 12) Max Grav 11=1214(LC 2), 7=1277(LC 2)

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

TOP CHORD 1-2=-465/79, 2-3=-1559/57, 3-4=-1557/57, 4-5=-596/122, 1-11=-352/75, 5-7=-479/106

BOT CHORD 10-11=-36/1901, 9-10=-36/1901, 8-9=0/1890, 7-8=0/1890

WEBS 3-9=0/706, 4-9=-654/111, 2-9=-666/112, 2-11=-1732/0, 4-7=-1593/0

NOTES-

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

2) Wind: ASCE 7-10; Vult=115mph Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope);

cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33

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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=15.4 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10

5) Unbalanced snow loads have been considered for this design.

6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.4 psf on overhangs non-concurrent with other live loads.

7) Plates checked for a plus or minus 2 degree rotation about its center.

8) Gable studs spaced at 2-0-0 oc.

9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 11, 7.







	<u>3-4-0</u> 3-4-0			6-8 3-4	-0 -0				
LOADING (psf) Si TCLL (roof) 20.0 Pl Snow (Pf/Pg) 15.4/20.0 Lu TCDL 10.0 Rd BCLL 0.0 Cd BCDL 10.0 Cd	PACING- 2-0-0 ate Grip DOL 1.15 Imber DOL 1.15 ap Stress Incr YES ode IBC2015/TPI2014	CSI. TC 0.25 BC 0.15 WB 0.01 Matrix-R	DEFL. Vert(LL) Vert(CT) Horz(CT)	in -0.01 -0.02 0.00	(loc) 7 7 6	l/defl >999 >999 n/a	L/d 360 240 n/a	PLATES MT20 Weight: 29 lb	GRIP 244/190 FT = 3%

LUMBER-

TOP CHORD2x4 SP No.2BOT CHORD2x4 SP No.2WEBS2x4 SP No.2

BRACING-TOP CHORD

BOT 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. (size) 8=0-3-8, 6=0-3-8 Max Horz 8=-26(LC 9) Max Uplift 8=-24(LC 7), 6=-24(LC 8) Max Grav 8=336(LC 2), 6=336(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 2-8=-277/44, 4-6=-277/44

NOTES-

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

2) Wind: ASCE 7-10; Vult=115mph Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33

TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=15.4 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
 Unbalanced snow loads have been considered for this design.

 This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 15.4 psf on overhangs non-concurrent with other live loads.

6) Plates checked for a plus or minus 2 degree rotation about its center.

7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 8, 6.







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

NOTES-

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

2) Wind: ASCE 7-10; Vult=115mph Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33

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.

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- 7) Plates checked for a plus or minus 2 degree rotation about its center.
- 8) Gable requires continuous bottom chord bearing.
- 9) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 10) Gable studs spaced at 2-0-0 oc.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 12, 8, 11, 9.







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

NOTES-

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

2) Wind: ASCE 7-10; Vult=115mph Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33

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) TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=20.0 psf (ground snow); Pf=15.4 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.10
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- 9) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 10) Gable studs spaced at 2-0-0 oc.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 24, 13, 19, 20, 21, 23, 17, 16, 15, 14.



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