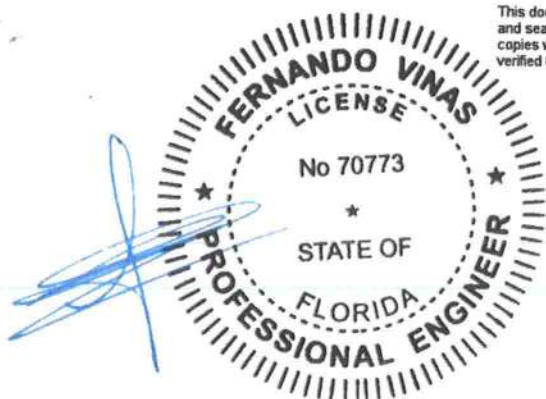


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Alpine, an ITW Company
155 Harlem Ave
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Glenview, IL 60025
Phone: (800)755-6001
www.alpineitw.com



09/01/2022

COA#0-278
Florida Certificate of Product Approval #FL1999

Site Information:	Page 1:
Customer: Seminole Trusses, Inc.	Job Number: B55035a
Job Description: Dietel Res Floor	
Address: FL	

Job Engineering Criteria:
Design Code: FBC 7th Ed. 2020 Res.
IntelliVIEW Version: 21.01.03A
JRef #: 1XIL8570002
Wind Standard: ASCE716 Wind Speed (mph): 0
Design Loading (psf): 55.00
Building Type:

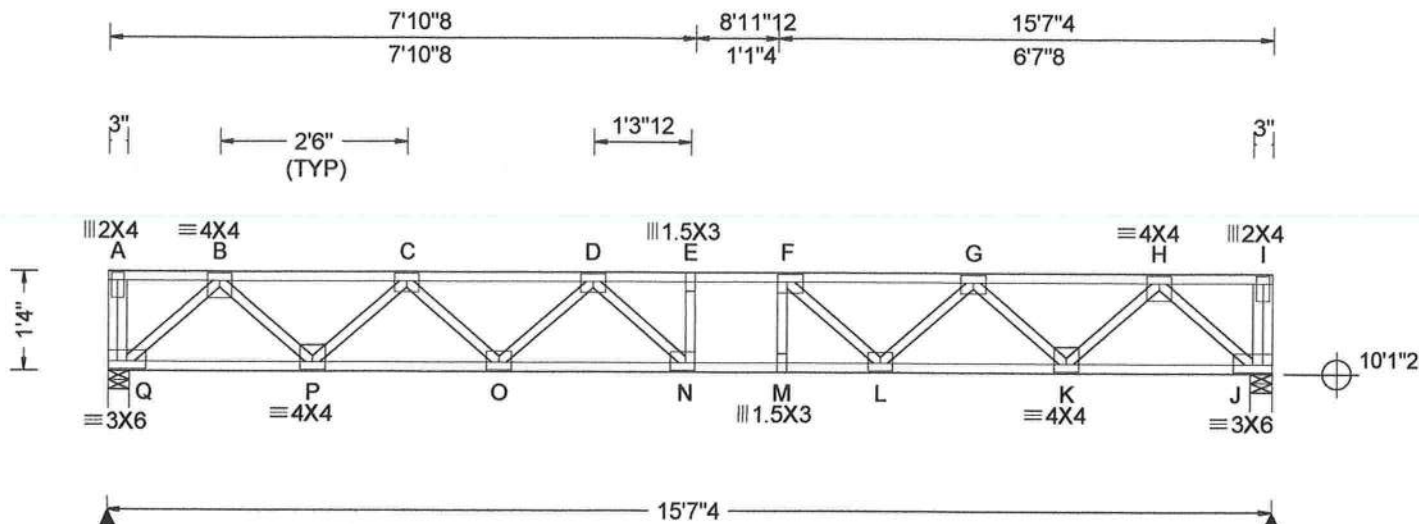
This package contains general notes pages, 6 truss drawing(s) and 5 detail(s).

Item	Drawing Number	Truss
1	244.22.1451.00610	F-1
3	244.22.1451.11253	F-3
5	244.22.1451.19770	GE-1
7	PB160160118	
9	REPCHRD1014	
11	DEFLCAMB1014	

Item	Drawing Number	Truss
2	244.22.1451.07317	F-2
4	244.22.1451.18443	GE3
6	244.22.1451.25807	GE-2
8	PB180160118	
10	STRBRIBR1014	



SEQN: 100449 FROM: RNB	SY42 Qty: 16	Ply: 1 Job Number: B55035a Dietel Res Floor Truss Label: F-1	Cust: R 857 JRef: 1XIL8570002 T1 DrwNo: 244.22.1451.00610 SSB / FV 09/01/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.00 Spacing: 24.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA ft Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:12(0)/0(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.160 E 999 480 VERT(CL): 0.220 E 824 360 HORZ(LL): 0.028 B - - HORZ(TL): 0.039 B - - Creep Factor: 2.0 Max TC CSI: 0.976 Max BC CSI: 0.550 Max Web CSI: 0.394 VIEW Ver: 21.01.03A.0805.15	Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL Q 858 -/- -/- -/- -/- J 858 -/- -/- -/- -/- -/- Q Brg Wid = 3.4 Min Req = 1.5 J Brg Wid = 3.4 Min Req = 1.5 Bearings Q & J Fcperp = 425psi. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 0 -1402 E - F 0 -2562 C - D 0 -2269 F - G 0 -2267 D - E 0 -2560 G - H 0 -1403

Lumber

Top chord: 4x2 SP #1;
Bot chord: 4x2 SP #1;
Webs: 4x2 SP #3;

Plating Notes

All plates are 3X4 except as noted.

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

Chord	Spacing(in oc)	Start(ft)	End(ft)
TC	102	0.00	15.60
BC	120	0.25	15.35

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

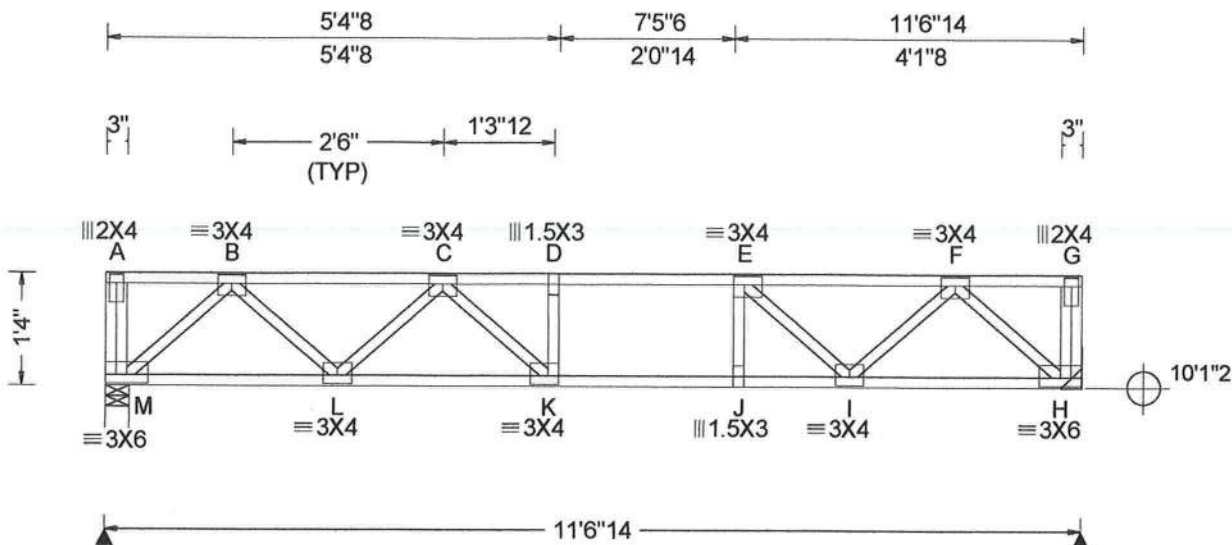


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****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General Notes page for additional information.
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6EQN: 100451 FROM: RNB	SY42 Qty: 16	Ply: 1 Job Number: B55035a Dietel Res Floor Truss Label: F-2	Cust: R 857 JRef: 1XIL8570002 T3 DrwNo: 244.22.1451.07317 SSB / FV 09/01/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 40.00 TCCL: 10.00 BCCL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.00 Spacing: 24.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCCL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA ft Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:12(0)/0(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.090 D 999 480 VERT(CL): 0.143 D 928 360 HORZ(LL): 0.020 B - - HORZ(TL): 0.032 B - - Creep Factor: 2.0 Max TC CSI: 0.788 Max BC CSI: 0.501 Max Web CSI: 0.251 VIEW Ver: 21.01.03A.0805.15	Gravity Loc R+ / R- / Rh / Rw / U / RL M 637 -/- /- /- /- /- H 637 -/- /- /- /- /- M Brg Wid = 3.4 Min Req = 1.5 H Brg Wid = - Bearing M Fcperp = 425psi. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 0 -949 D - E 0 -1343 C - D 0 -1338 E - F 0 -950

Lumber

Top chord: 4x2 SP #1;
Bot chord: 4x2 SP #1;
Webs: 4x2 SP #3;

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

Chord	Spacing(in oc)	Start(ft)	End(ft)
TC	120	0.00	11.57
BC	120	0.25	11.32

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

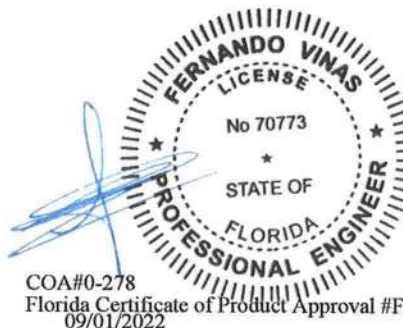
Hangers / Ties

(J) Hanger Support Required, by others

Additional Notes

See detail STRBRI1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.



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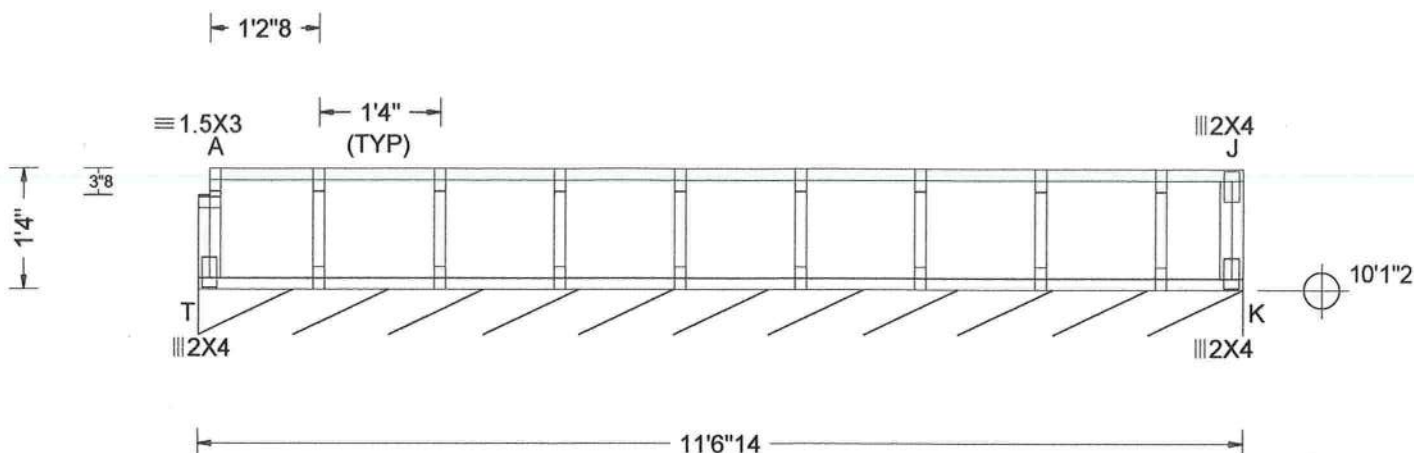
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Glenview, IL 60025

SEQN: 100447 FROM: RNB	SY42 Qty: 1	Ply: 1 Job Number: B55035a Dietel Res Floor Truss Label: GE-2	Cust: R 857 JRef: 1XIL8570002 T4 DrwNo: 244.22.1451.25807 SSB / FV 09/01/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.00 Spacing: 24.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA ft Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/0(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 480 VERT(CL): 0.000 B 999 360 HORZ(LL): 0.003 J - - HORZ(TL): 0.004 J - - Creep Factor: 2.0 Max TC CSI: 0.108 Max BC CSI: 0.014 Max Web CSI: 0.046 VIEW Ver: 21.01.03A.0805.15	Gravity Loc R+ /R- /Rh /Rw /U /RL K* 150 /- /- /- /- /- K Brg Wid = 138 Min Req = - Bearing T Fcperp = 425psi. Members not listed have forces less than 375#

Lumber

Top chord: 4x2 SP #1;
Bot chord: 4x2 SP #1;
Webs: 4x2 SP #3;

Bracing

Sheathing is required for any longitudinal(drag) forces. All connections to be designed by the building designer.

Fasten rated sheathing to one face of this frame.

Plating Notes

All plates are 1.5X3 except as noted.

Plates sized for a minimum of 3.50 sq.in./piece.

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

Chord	Spacing(in oc)	Start(ft)	End(ft)
TC	120	0.19	11.57
BC	120	0.19	11.32

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.



COA#0-278

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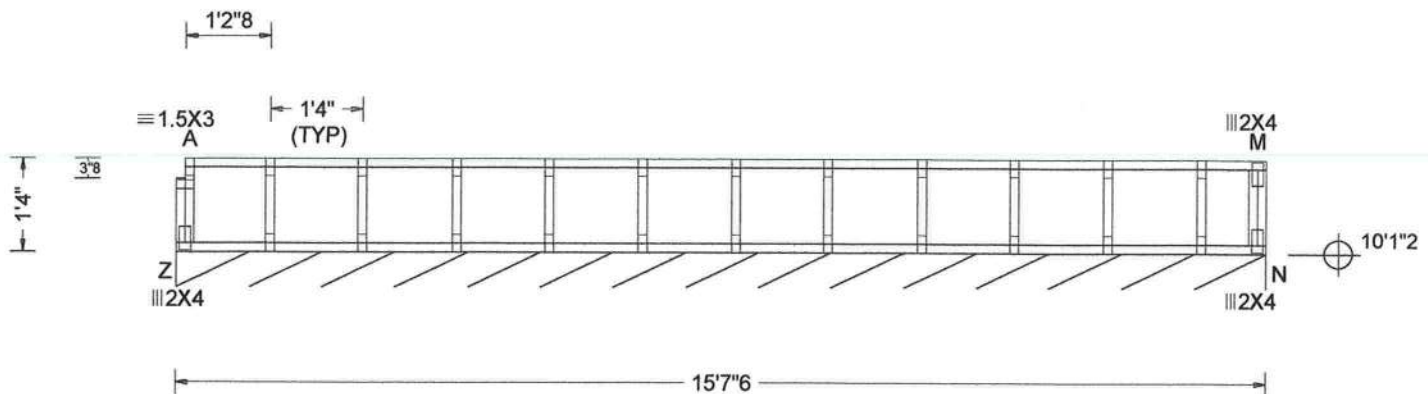
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Glenview, IL 60025

SEQN: 100445 FROM: RNB	SY42 Qty: 2	Ply: 1	Job Number: B55035a Dietel Res Floor Truss Label: GE-1	Cust: R 857 JRef: 1XIL8570002 T2 DrwNo: 244.22.1451.19770 SSB / FV 09/01/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs), or *=PLF
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.00 Spacing: 24.0 "	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA ft Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/0(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 480 VERT(CL): 0.000 B 999 360 HORZ(LL): 0.003 M - - HORZ(TL): 0.004 M - - Creep Factor: 2.0 Max TC CSI: 0.108 Max BC CSI: 0.014 Max Web CSI: 0.046 VIEW Ver: 21.01.03A.0805.15	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL N* 151 /- /- /- /- /- N Brg Wid = 187 Min Req = - Bearing Z Fcperp = 425psi. Members not listed have forces less than 375#

Lumber

Top chord: 4x2 SP #1;
Bot chord: 4x2 SP #1;
Webs: 4x2 SP #3;

Bracing

Sheathing is required for any longitudinal(drag) forces. All connections to be designed by the building designer.

Fasten rated sheathing to one face of this frame.

Plating Notes

All plates are 1.5X3 except as noted.

Plates sized for a minimum of 3.50 sq.in./piece.

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

Chord	Spacing(in oc)	Start(ft)	End(ft)
TC	120	0.19	15.61
BC	120	0.19	15.36

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Additional Notes

Truss must be installed as shown with top chord up.



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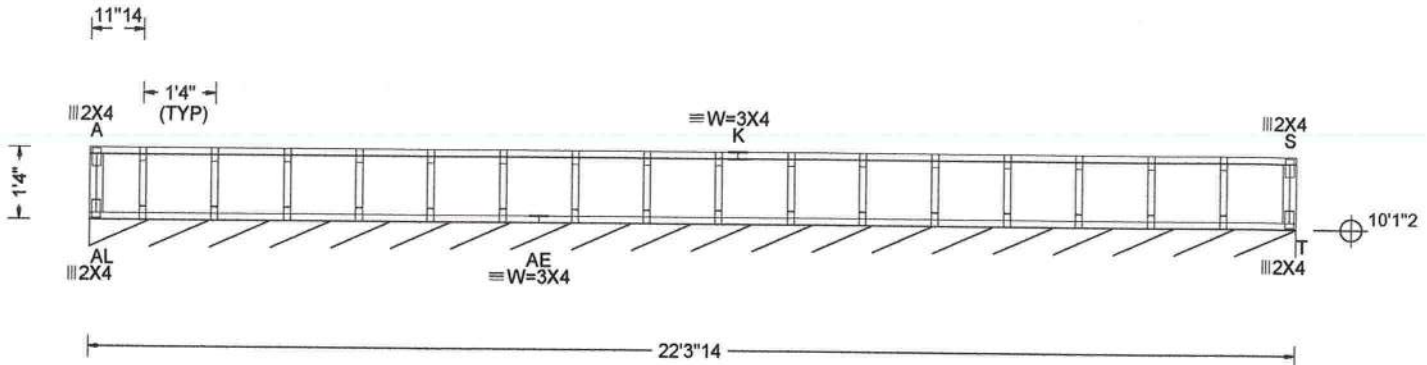
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Glenview, IL 60025

SEQN: 100301 FROM: RNB	SY42	Ply: 1 Qty: 1	Job Number: B55035a Dietel Res Floor Truss Label: GE3	Cust: R 857 JRef: 1XIL8570002 T8 DrwNo: 244.22.1451.18443 SSB / FV 09/01/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs), or *=PLF
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.00 Spacing: 19.2"	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA ft Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT: 20(0)/0(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 S 999 480 VERT(CL): 0.001 S 999 360 HORZ(LL): -0.000 B - - HORZ(TL): 0.000 B - - Creep Factor: 2.0 Max TC CSI: 0.099 Max BC CSI: 0.011 Max Web CSI: 0.044 VIEW Ver: 21.01.03A.0805.15	Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL T* 146 /- /- /- /- /- T Brg Wid = 267 Min Req = - Bearing AL Fcperp = 425psi. Members not listed have forces less than 375#

Lumber

Top chord: 4x2 SP #1;
Bot chord: 4x2 SP #1;
Webs: 4x2 SP #3;

Bracing

Sheathing is required for any longitudinal(drag) forces. All connections to be designed by the building designer.

Fasten rated sheathing to one face of this frame.

Plating Notes

All plates are 1.5X3 except as noted.

Plates sized for a minimum of 3.50 sq.in./piece.

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

Chord	Spacing(in oc)	Start(ft)	End(ft)
TC	120	0.00	22.32
BC	120	0.25	22.07

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.



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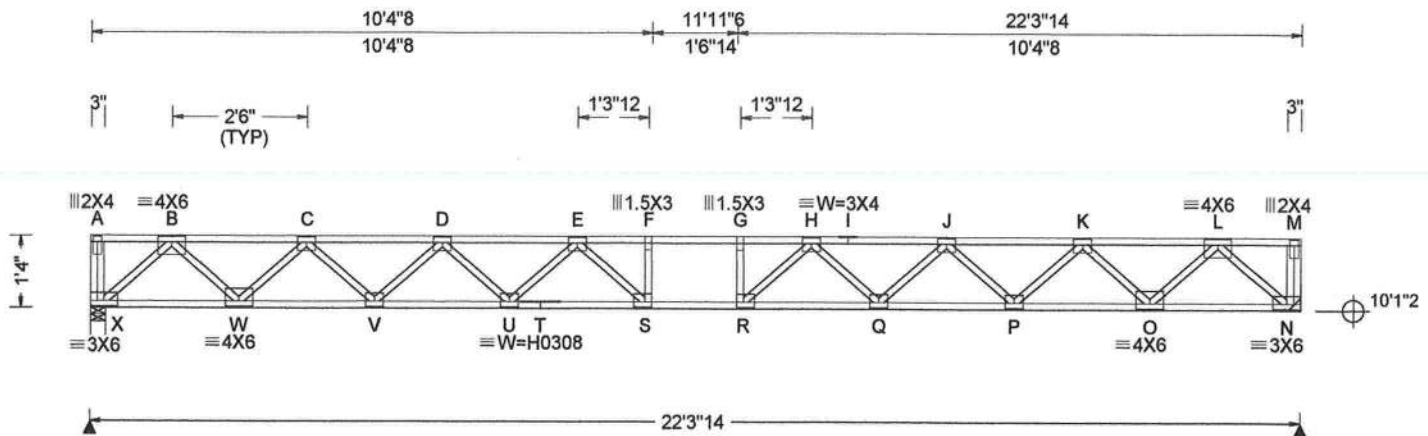
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SEQN: 100453 FROM: RNB	SY42	Ply: 1 Qty: 20	Job Number: B55035a Dietel Res Floor Truss Label: F-3	Cust: R 857 JRef: 1XIL8570002 17 DrwNo: 244.22.1451.11253 SSB / FV 09/01/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg, Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 40.00 TCDL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.00 Spacing: 19.2"	Wind Std: NA Speed: NA mph Enclosure: NA Category: NA EXP: NA Kzt: NA Mean Height: NA ft TCDL: NA psf BCDL: NA psf MWFRS Parallel Dist: NA C&C Dist a: NA ft Loc. from endwall: NA I: NA GCpi: NA Wind Duration: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT: 12(0)/0(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/defl L/# VERT(LL): 0.444 F 589 480 VERT(CL): 0.611 F 428 360 HORZ(LL): 0.066 N - - HORZ(TL): 0.091 N - - Creep Factor: 2.0 Max TC CSI: 0.990 Max BC CSI: 0.802 Max Web CSI: 0.516 VIEW Ver: 21.01.03A.0805.15	Gravity Loc R+ / R- / Rh / Rw / U / RL X 982 -/- /- /- /- /- N 982 -/- /- /- /- /- X Brg Wid = 3.4 Min Req = 1.5 N Brg Wid = - Bearing X Fcperp = 425psi. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 0 -1730 G - H 0 -4294 C - D 0 -3033 H - I 0 -3873 D - E 0 -3873 I - J 0 -3873 E - F 0 -4294 J - K 0 -3033 F - G 0 -4299 K - L 0 -1730

Lumber

Top chord: 4x2 SP #1;
Bot chord: 4x2 SP #1;
Webs: 4x2 SP #3;

Plating Notes

All plates are 3X4 except as noted.

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

Chord	Spacing(in oc)	Start(ft)	End(ft)
TC	77	0.00	22.32
BC	120	0.25	22.07

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Hangers / Ties

(J) Hanger Support Required, by others

Deflection

Max JT VERT DEFL: LL: 0.44" DL: 0.19". See detail DEFLCMB1014 for camber recommendations.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.



COA#0-278

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Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
X - W	951 0	S - R	4299 0
W - V	2487 0	R - Q	4166 0
V - U	3559 0	Q - P	3559 0
U - T	4166 0	P - O	2487 0
T - S	4166 0	O - N	951 0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
X - B	0 -1326	R - H	488 -173
B - W	1083 0	H - Q	0 -416
W - C	0 -1053	Q - J	437 0
C - V	759 0	J - P	0 -732
V - D	0 -732	P - K	759 0
D - U	437 0	K - O	0 -1053
U - E	0 -416	O - L	1083 0
E - S	488 -173	L - N	0 -1326

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General Notes page for additional information.

Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.

For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbccomponents.com; ICC: iccsafe.org; AWC: awc.org

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