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COA #0 278

Florida Certificate of Product Approval #FL 1999

07/24/2024

Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	Job Number: 24-1284
Job Description: Logan Jack	
Address:	

Job Engineering Criteria:	
Design Code: FBC 8th Ed. 2023 Res.	IntelliVIEW Version: 23.02.01A
	JRef #: 1Y1S2150010
Wind Standard: ASCE 7-22 Wind Speed (mph): 130	Design Loading (psf): 40.00
Building Type: Closed	

This package contains general notes pages, 201 truss drawing(s) and 5 detail(s).

Item	Drawing Number	Truss
1	205.24.1159.13905	A01
3	205.24.1159.11053	A03
5	205.24.1159.12119	A05
7	205.24.1159.10708	A07
9	205.24.1159.14235	A09
11	205.24.1456.45663	B01
13	205.24.1459.22597	B03
15	205.24.1459.35280	B05
17	205.24.1459.47373	B07
19	205.24.1459.54797	B09
21	205.24.1500.01423	B11
23	205.24.1500.09020	B13
25	205.24.1500.16720	B15
27	205.24.1500.24500	B17
29	205.24.1500.46230	B19
31	205.24.1500.50957	B21
33	205.24.1500.54523	B23
35	205.24.1501.33823	B25
37	205.24.1501.47530	B27
39	205.24.1502.10450	B29
41	205.24.1502.20407	B32
43	205.24.1502.24197	B34
45	205.24.1503.39237	B36
47	205.24.1503.43170	B38
49	205.24.1503.45610	B40

Item	Drawing Number	Truss
2	205.24.1159.14360	A02
4	205.24.1159.12401	A04
6	205.24.1159.11978	A06
8	205.24.1159.13451	A08
10	205.24.1159.13922	A10
12	205.24.1458.11397	B02
14	205.24.1459.26613	B04
16	205.24.1459.43430	B06
18	205.24.1459.50557	B08
20	205.24.1459.57983	B10
22	205.24.1500.05203	B12
24	205.24.1500.12390	B14
26	205.24.1500.20820	B16
28	205.24.1500.27263	B18
30	205.24.1500.48223	B20
32	205.24.1500.52663	B22
34	205.24.1501.14370	B24
36	205.24.1501.38110	B26
38	205.24.1502.07977	B28
40	205.24.1502.18667	B31
42	205.24.1502.22623	B33
44	205.24.1502.25990	B35
46	205.24.1503.41883	B37
48	205.24.1503.44347	B39
50	205.24.1503.53940	C01





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Site Information:	Page 2:
Customer: W. B. Howland Company, Inc.	Job Number: 24-1284
Job Description: Logan Jack	
Address:	

Item	Drawing Number	Truss
51	205.24.1159.13837	C02
53	205.24.1159.11288	C04
55	205.24.1159.11272	C06
57	205.24.1159.12967	C08
59	205.24.1504.20893	C10
61	205.24.1506.46170	C12
63	205.24.1506.56947	C14
65	205.24.1507.03510	C16
67	205.24.1159.13216	C18
69	205.24.1507.12493	C20
71	205.24.1159.11618	D02
73	205.24.1159.11226	D04
75	205.24.1159.12464	D06
77	205.24.1159.14094	E01
79	205.24.1159.13435	E03
81	205.24.1510.56710	E05
83	205.24.1159.12903	E13
85	205.24.1159.13670	E15
87	205.24.1510.37040	G01
89	205.24.1510.43540	G03
91	205.24.1507.32140	G05
93	205.24.1507.39627	G07
95	205.24.1507.59127	G09
97	205.24.1508.06070	G11
99	205.24.1508.13643	G13
101	205.24.1508.18270	G15
103	205.24.1508.22997	G17
105	205.24.1508.27623	G19
107	205.24.1508.31073	G21
109	205.24.1508.35113	G23
111	205.24.1508.38827	G25
113	205.24.1508.43650	G27
115	205.24.1508.48650	G29

Item	Drawing Number	Truss
52	205.24.1159.10786	C03
54	205.24.1159.11994	C05
56	205.24.1159.13592	C07
58	205.24.1159.11021	C09
60	205.24.1506.44640	C11
62	205.24.1506.47887	C13
64	205.24.1507.00233	C15
66	205.24.1507.05597	C17
68	205.24.1507.08723	C19
70	205.24.1507.14407	D01
72	205.24.1159.13655	D03
74	205.24.1159.12746	D05
76	205.24.1511.45073	D07
78	205.24.1159.11805	E02
80	205.24.1510.52700	E04
82	205.24.1159.11006	E06
84	205.24.1159.11539	E14
86	205.24.1159.11289	E16
88	205.24.1510.41163	G02
90	205.24.1507.27640	G04
92	205.24.1507.36597	G06
94	205.24.1507.52130	G08
96	205.24.1508.02180	G10
98	205.24.1508.11673	G12
100	205.24.1508.16110	G14
102	205.24.1508.21600	G16
104	205.24.1508.25643	G18
106	205.24.1508.28970	G20
108	205.24.1508.32397	G22
110	205.24.1508.37183	G24
112	205.24.1508.40630	G26
114	205.24.1508.45577	G28
116	205.24.1159.11852	G30





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Customer: W. B. Howland Company, Inc.	Job Number: 24-1284
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Item	Drawing Number	Truss
117	205.24.1159.11554	G31
119	205.24.1508.50390	G33
121	205.24.1512.08650	G35
123	205.24.1159.10880	H01
125	205.24.1159.12714	J01
127	205.24.1159.13702	J02
129	205.24.1159.14392	J03
131	205.24.1159.13482	J04
133	205.24.1159.11570	J05
135	205.24.1159.13576	J06
137	205.24.1509.06217	J07
139	205.24.1159.10803	J08
141	205.24.1159.12025	J09
143	205.24.1159.11444	J10
145	205.24.1159.11195	J11
147	205.24.1159.12088	J12
149	205.24.1159.13874	J13
151	205.24.1159.11726	J14
153	205.24.1159.13357	J15
155	205.24.1159.14057	J16
157	205.24.1159.11367	J17
159	205.24.1159.10630	J18
161	205.24.1159.11116	J19
163	205.24.1159.14172	J20
165	205.24.1159.11758	J22
167	205.24.1509.29610	J24
169	205.24.1159.14276	J26
171	205.24.1159.12433	J28
173	205.24.1159.10724	J30
175	205.24.1159.12244	J32
177	205.24.1159.13123	J34
179	205.24.1159.12715	J36
181	205.24.1159.13217	J38

Item	Drawing Number	Truss
118	205.24.1159.11727	G32
120	205.24.1159.13107	G34
122	205.24.1512.24553	G36
124	205.24.1512.28690	H02
126	205.24.1508.59093	J01HJ
128	205.24.1159.12026	J02HJ
130	205.24.1509.01757	J03HJ
132	205.24.1509.04130	J04HJ
134	205.24.1159.11857	J05HJ
136	205.24.1159.12871	J06HJ
138	205.24.1159.12229	J07HJ
140	205.24.1509.09150	J08HJ
142	205.24.1509.14633	J09HJ
144	205.24.1509.20160	J10HJ
146	205.24.1509.22653	J11HJ
148	205.24.1159.13373	J12HJ
150	205.24.1159.13185	J13HJ
152	205.24.1159.14141	J14HJ
154	205.24.1159.12214	J15HJ
156	205.24.1509.25630	J16HJ
158	205.24.1159.13921	J17HJ
160	205.24.1159.12495	J18HJ
162	205.24.1159.12653	J19HJ
164	205.24.1159.11460	J21
166	205.24.1159.12966	J23
168	205.24.1159.14017	J25
170	205.24.1159.14314	J27
172	205.24.1159.12698	J29
174	205.24.1159.12448	J31
176	205.24.1159.13811	J33
178	205.24.1159.11038	J35
180	205.24.1159.12276	J37
182	205.24.1159.10990	J39





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Site Information:	Page 4:	
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Item	Drawing Number	Truss
183	205.24.1159.14157	J40
185	205.24.1509.34073	J42
187	205.24.1509.43540	J44
189	205.24.1509.48253	PB02
191	205.24.1509.51050	PB04
193	205.24.1509.54060	PB06
195	205.24.1509.57043	PB08
197	205.24.1509.59753	PB10
199	205.24.1510.14937	PB12
201	205.24.1510.28650	PB14
203	DEFLCAMB1014	
205	CNNAILSP1014	

Item	Drawing Number	Truss
184	205.24.1159.12960	J41
186	205.24.1509.41030	J43
188	205.24.1509.46547	PB01
190	205.24.1509.49637	PB03
192	205.24.1509.52470	PB05
194	205.24.1509.55440	PB07
196	205.24.1509.58380	PB09
198	205.24.1510.13543	PB11
200	205.24.1510.26533	PB13
202	BRCLBSUB0119	
204	PB160220723	
206	RIGINSRT1014	

# **General Notes**

# Truss Design Engineer Scope of Work, Design Assumptions and Design Responsibilities:

The design responsibilities assumed in the preparation of these design drawings are those specified in ANSI/TPI 1, Chapter 2; and the National Design Standard for Metal Plate Connected Wood Truss Construction, by the Truss Plate Institute. The truss component designs conform to the applicable provisions of ANSI/TPI 1 and NDS, the National Design Specification for Wood Construction by AWC. The truss component designs are based on the specified loading and dimension information furnished by others to the Truss Design Engineer. The Truss Design Engineer has no duty to independently verify the accuracy or completeness of the information provided by others and may rely on that information without liability. The responsibility for verification of that information remains with others neither employed nor controlled by the Truss Design Engineer. The Truss Design Engineer's seal and signature on the attached drawings, or cover page listing these drawings, indicates acceptance of professional engineering responsibility solely for the truss component designs and not for the technical information furnished by others which technical information and consequences thereof remain their sole responsibility.

The suitability and use of these drawings for any particular structure is the responsibility of the Building Designer in accordance with ANSI/TPI 1 Chapter 2. The Building Designer is responsible for determining that the dimensions and loads for each truss component match those required by the plans and by the actual use of the individual component, and for ascertaining that the loads shown on the drawings meet or exceed applicable building code requirements and any additional factors required in the particular application. Truss components using metal connector plates with integral teeth shall not be placed in environments that will cause the moisture content of the wood in which plates are embedded to exceed 19% and/or cause corrosion of connector plates and other metal fasteners.

The Truss Design Engineer shall not be responsible for items beyond the specific scope of the agreed contracted work set forth herein, including but not limited to: verifying the dimensions of the truss component, calculation of any of the truss component design loads, inspection of the truss components before or after installation, the design of temporary or permanent bracing and their attachment required in the roof and/or floor systems, the design of diaphragms or shear walls, the design of load transfer connections to and from diaphragms and shear walls, the design of load transfer to the foundation, the design of connections for truss components to their bearing supports, the design of the bearing supports, installation of the truss components, observation of the truss component installation process, review of truss assembly procedures, sequencing of the truss component installation, construction means and methods, site and/or worker safety in the installation of the truss components and/or its connections.

This document may be a high-quality facsimile of the original engineering document which is a digitally signed electronic file with third party authentication. A wet or embossed seal copy of this engineering document is available upon request.

# **Temporary Lateral Restraint and Bracing:**

Temporary lateral restraint and diagonal bracing shall be installed according to the provisions of BCSI chapters B1, B2, B7 and/or B10 (Building Component Safety Information, by TPI and SBCA), or as specified by the Building Designer or other Registered Design Professional. The required locations for lateral restraint and/or bracing depicted on these drawings are only for the permanent lateral support of the truss members to reduce buckling lengths, and do not apply to and may not be relied upon for the temporary stability of the truss components during their installation.

# Permanent Lateral Restraint and Bracing:

The required locations for lateral restraint or bracing depicted on these drawings are for the permanent lateral support of the truss members to reduce buckling lengths. Permanent lateral support shall be installed according to the provisions of BCSI chapters B3, B7 and/or B10, or as specified by the Building Designer or other Registered Design Professional. These drawings do not depict or specify installation/erection bracing, wind bracing, portal bracing or similar building stability bracing which are parts of the overall building design to be specified, designed, and detailed by the Building Designer.

# **Connector Plate Information:**

Alpine connector plates are made of ASTM A653 or ASTM A1063 galvanized steel with the following designations, gauges and grades: W=Wave, 20ga, grade 40; H=High Strength, 20ga, grade 60; S=Super Strength, 18ga, grade 60. Information on model code compliance is contained in the ICC Evaluation Service report ESR-1118, available on-line at www.icc-es.org.

# **Bearing Information:**

The bearing area factor, Cb, is considered for the allowable capacity of solid sawn wood bearings supporting trusses that are located a minimum of 3" from the end of the lumber piece.

# **General Notes** (continued)

# **Coated Lumber:**

Coated lumber must be properly re-dried and maintained below 19% or less moisture level through all stages of construction and usage. Coated lumber has no adjustments to lumber properties. Coated lumber may be more brittle than uncoated lumber. Special handling care must be taken to prevent breakage during all handling activities. Refer to manufacturer literature, specifications, and code evaluation reports for restrictions, details, and requirements.

# Fire Retardant Treated Lumber:

Fire retardant treated lumber must be properly re-dried and maintained below 19% or less moisture level through all stages of construction and usage. Fire retardant treated lumber may be more brittle than untreated lumber. Special handling care must be taken to prevent breakage during all handling activities.

# **Key to Terms:**

Information provided on drawings reflects a summary of the pertinent information required for the truss design. Detailed information on load cases, reactions, member lengths, forces and members requiring permanent lateral support may be found in calculation sheets available upon written request.

BCDL = Bottom Chord standard design Dead Load in pounds per square foot.

BCLL = Bottom Chord standard design Live Load in pounds per square foot.

C = Coated lumber.

C-AT = AtTEK coated lumber.

C-FX = FX Lumber Guard coated lumber.

C -TE = TechWood 4400 coated lumber.

CL = Certified lumber.

Des Ld = total of TCLL, TCDL, BCLL and BCDL Design Load in pounds per square foot.

FRT = Fire Retardant Treated lumber.

FRT-BF = Boraflame Fire Retardant Treated lumber

FRT-DB = D-Blaze Fire Retardant Treated lumber.

FRT-DC = Dricon Fire Retardant Treated lumber.

FRT-FP = FirePRO Fire Retardant Treated lumber.

FRT-FL = FlamePRO Fire Retardant Treated lumber.

FRT-FT = FlameTech Fire Retardant Treated lumber.

FRT-ON = OnWood Fire Retardant Treated lumber.

FRT-PG = PYRO-GUARD Fire Retardant Treated lumber.

FRT-PR = ProWood Fire Retardant Treated lumber.

g = green lumber.

HORZ(LL) = maximum Horizontal panel point deflection due to Live Load, in inches.

HORZ(TL) = maximum Horizontal panel point long term deflection in inches, due to Total Load, including creep adjustment.

HPL = additional Horizontal Load added to a truss Piece in pounds per linear foot or pounds.

Ic = Incised lumber.

FJ = Finger Jointed lumber.

L/# = user specified divisor for limiting span/deflection ratio for evaluation of actual L/defl value.

L/defl = ratio of Length between bearings, in inches, divided by the vertical Deflection due to creep, in inches, at the referenced panel point. Reported as 999 if greater than or equal to 999.

Loc = Location, starting location of left end of bearing or panel point (joint) location of deflection.

Max BC CSI = Maximum bending and axial Combined Stress Index for Bottom Chords for all load cases.

Max TC CSI = Maximum bending and axial Combined Stress Index for Top Chords for all load cases.

Max Web CSI= Maximum bending and axial Combined Stress Index for Webs for all load cases.

NCBCLL = Non-Concurrent Bottom Chord design Live Load in pounds per square foot.

PL = additional Load applied at a user specified angle on a truss Piece in pounds per linear foot or pounds.

PLB = additional vertical load added to a Bottom chord Piece of a truss in pounds per linear foot or pounds

PLT = additional vertical load added to a Top chord Piece of a truss in pounds per linear foot or pounds.

PP = Panel Point.

R = maximum downward design Reaction, in pounds, from all specified gravity load cases, at the indicated location (Loc).

-R = maximum upward design Reaction, in pounds, from all specified gravity load cases, at the identified location (Loc).

Rh = maximum horizontal design Reaction in either direction, in pounds, from all specified gravity load cases, at the indicated location (Loc).

RL = maximum horizontal design Reaction in either direction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the indicated location (Loc).

# **General Notes** (continued)

# Key to Terms (continued):

Rw = maximum downward design Reaction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the identified location (Loc).

TCDL = Top Chord standard design Dead Load in pounds per square foot.

TCLL = Top Chord standard design Live Load in pounds per square foot.

U = maximum Upward design reaction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the indicated location (Loc).

VERT(CL) = maximum Vertical panel point deflection in inches due to Live Load and Creep Component of Dead Load in inches.

VERT(CTL) = maximum Vertical panel point deflection ratios due to Live Load and Creep Component of Dead Load, and maximum long term Vertical panel point deflection in inches due to Total load, including creep adjustment.

VERT(LL) = maximum Vertical panel point deflection in inches due to Live Load.

VERT(TL) = maximum Vertical panel point long term deflection in inches due to Total load, including creep adjustment.

W = Width of non-hanger bearing, in inches.

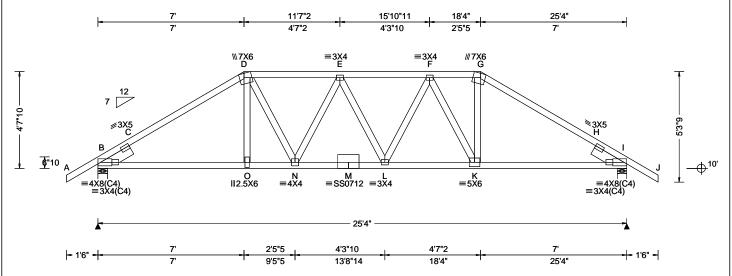
Refer to ASCE-7 for Wind and Seismic abbreviations.

Uppercase Acronyms not explained above are as defined in TPI 1.

# References:

- 1. AWC: American Wood Council; 222 Catoctin Circle SE, Suite 201; Leesburg, VA 20175; www.awc.org.
- 2. ICC: International Code Council; www.iccsafe.org.
- 3. Alpine, a division of ITW Building Components Group Inc.: 155 Harlem Ave, North Building, 4th Floor, Glenview, IL 60025; www.alpineitw.com.
- 4. TPI: Truss Plate Institute, 2670 Crain Highway, Suite 203, Waldorf, MD 20601; www.tpinst.org.
- 5. SBCA: Wood Truss Council of America, 6300 Enterprise Lane, Madison, WI 53719; www. sbcacomponents.com

SEQN: 18857 / HIPS Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T154 FROM: Qty: 2 DrwNo: 205.24.1159.13905 Logan Jack Truss Label: A01 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014	PP Deflection in loc L/defl L/# VERT(LL): 0.142 L 999 240 VERT(CL): 0.285 L 999 180 HORZ(LL): 0.060 H HORZ(TL): 0.121 H Creep Factor: 2.0 Max TC CSI: 0.401 Max BC CSI: 0.711 Max Web CSI: 0.758  VIEW Ver: 23.02.01A.1204.18	Gravity  Loc R+ /R- /Rh /  B 2805 /- /- /- I 2769 /- /- Wind reactions based on MWF B Brg Wid = 5.5 Min Req : I Brg Wid = 5.5 Min Req : Bearings B & I are a rigid surfa Members not listed have forces Maximum Top Chord Forces Chords Tens.Comp. Chor  B - C 944 - 4519 F - G
Lumber	•	•		<sup>I</sup> C-D 920-4453 G-⊢

### Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 2805 /-/579 /-2769 /-/-/570 Wind reactions based on MWFRS Brg Wid = 5.5Min Reg = 2.3 (Truss) Brg Wid = 5.5 Min Req = 2.3 (Truss) Bearings B & I are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 944 - 4519 - 3818 C-D 920 - 4453 G-H 907 - 4401 D-E 902 - 4389 931 - 4466 H - I 948 - 4597

Maximum Bot Chord Forces Per Ply (lbs)

Chords

M - L

L-K

K - I

Tens. Comp.

- 938

- 865

- 746

-910

- 358

4526

4222

3686

Chords Tens.Comp.

3732 - 757

3759 - 761

4526 - 938

B - O

O - N

N - M

Top chord: 2x4 SP M-31; Bot chord: 2x4 SP M-31;

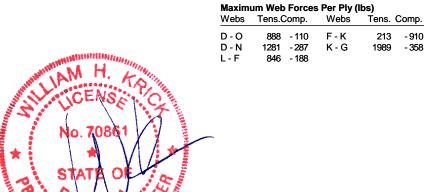
Webs: 2x4 SP #3; Lt Slider: 2x6 SP 2400f-2.0E; block length = 1.571' Rt Slider: 2x6 SP 2400f-2.0E; block length = 1.571'

# Special Loads

	-			
(Lumber	Dur.Fac.=1.	.25 / Plate [	Dur.Fac.=1.2	25)
TC: From	63 plf at	-1.50 to	63 plf at	7.00
TC: From	32 plf at	7.00 to	32 plf at	18.33
TC: From	63 plf at	18.33 to	63 plf at	26.83
BC: From	5 plf at	-1.50 to	5 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	7.03
BC: From	10 plf at		10 plf at	18.30
BC: From		18.30 to	20 plf at	25.33
BC: From			5 plf at	26.83
BC: 921 lb				
	Conc. Load			
BC: 376 lb	Conc. Load	at 10.27,12	2.27,14.27	

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads and reactions based on MWFRS. Wind loading based on both gable and hip roof types.



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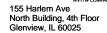
COA #0 278 ONAL

\*\*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 continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR 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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SEQN: 46141 / COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T130 FROM: DrwNo: 205.24.1159.14360 Qty: 2 Logan Jack Truss Label: A02 NW / DF 07/23/2024 16'4" 25'4" 7'4" ≅6X6 D ₩7X6 C T2 **6**"10 H ≡3X4 G ≡3X4 ∥2X4 =4X4(B2) =4X4(B2) 25'4' 7'4" 9 9' <del>-</del> 1'6" <del>-</del> 16'4' 25'4" Loading Criteria (psf) Wind Criteria Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria ▲ Maximum Reactions (lbs) Non-Gravity Wind Std: ASCE 7-22 Gravity Ct: NA CAT: NA TCLL: 20.00 Pg: NA PP Deflection in loc L/defl L/# Loc R+ /R /Rh /Rw /U /RL Speed: 130 mph TCDL: 10.00 Pf: NA VERT(LL): 0.041 I 999 240 Ce: NA Enclosure: Closed VERT(CL): 0.077 I 999 180 BCI I · 0.00 Lu: NA Cs: NA В 1270 /-/688 /205 /180 Risk Category: II BCDL: 10.00 Snow Duration: NA HORZ(LL): 0.027 E 1270 /688 /205 /-EXP: C Kzt: NA Wind reactions based on MWFRS HORZ(TL): 0.050 E Des Ld: 40.00 Mean Height: 15.00 ft Brg Wid = 5.5Min Reg = 1.5 (Truss) **Building Code:** Creep Factor: 2.0 NCBCLL: 10.00 TCDL: 5.0 psf Brg Wid = 5.5 Min Req = 1.5 (Truss) FBC 8th Ed. 2023 Res. Max TC CSI: 0.675 Soffit: 2.00 BCDL: 5.0 psf Bearings B & E are a rigid surface. TPI Std: 2014 Max BC CSI: 0.762 Load Duration: 1.25 MWFRS Parallel Dist: h/2 to h Members not listed have forces less than 375# Rep Fac: Yes Max Web CSI: 0.189 Spacing: 24.0 " C&C Dist a: 3.00 ft ft Maximum Top Chord Forces Per Ply (lbs) FT/RT:20(0)/10(0) Loc. from endwall: not in 9.00 ft Plate Type(s): GCpi: 0.18

# Lumber

Top chord: 2x4 SP M-31; T2 2x4 SP #2;

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# Loading

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind Duration: 1.60

<u>WA</u>VE

# Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

# Chords Tens.Comp. Chords Tens. Comp. 576 - 1674 576 - 1671 C - D 578 - 1334

### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

B - I	1222 2	36 H-G	1220	- 334
I - H	1329 - 3	34 G-E	1320	- 352



VIEW Ver: 23.02.01A.1204.18

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SEQN: 46143 / COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T131 FROM: Qty: 2 DrwNo: 205.24.1159.11053 Logan Jack Truss Label: A03 NW / DF 07/23/2024 5'6"13 19'9"3 25'4" 5'6"13 5'5"3 3'4" 5'5"3 5'6"13 ≡4X4 D ≡4X4 E **∥2**X4 **6**"10 ≡3X4 =3X4 =3X8 ∥2X4 =4X4(B2) ≡4X4(B2) 25'4' 1'6" 1'6" 5'6"13 8'9"3 5'5"3 5'6"13 5'6"13 14'4" 19'9"3 25'4"

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Max
TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): 0.079 L 999 240 VERT(CL): 0.152 L 999 180 HORZ(LL): 0.040 G HORZ(TL): 0.076 G Creep Factor: 2.0 Max TC CSI: 0.615 Max BC CSI: 0.890 Max Web CSI: 0.272	Loc R B 12 G 12 Wind r B Br G Br Bearin Membe
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	B-C C-D
Lumber				D-E

▲ Maximum Reactions (lbs)						
	Gravity			No	on-Grav	vity
Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL
В	1234	/-	/-	/691	/202	/210
G	1211	/-	/-	/691	/202	/-
Win	d read	tions ba	sed on	MWFRS		
В	Brg V	/id = 5.5	Min	Req = 1.5	(Trus	s)
G	Brg V	/id = 5.5	Min	Req = 1.5	(Trus	s)
Bea	rings I	3 & G ar	e a rigi	d surface.	•	•
Men	nbers	not listed	have	forces les	s than 3	375#
Max	Maximum Top Chord Forces Per Ply (lbs)					
Chords Tens.Comp. Chords Tens. Comp.					Ćomp.	
B - 0		424 - 17	797	E-F	428	- 1358
l c - i	-	548 - 17	-	F-G	429	- 1694

# Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# Loading

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

# Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

<b>Maximum Bot Chord F</b>			orces Per	Ply (lbs	)
Chords	Tens.C	Comp.	Chords	Tens. (	Comp.
B-L	1461	- 247	J - I	1375	- 268
L-K	1065	- 150	I - G	1376	- 266
KI	1065	- 150			

417 - 1105

### Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. L-D J-E 607 - 155 377 - 44



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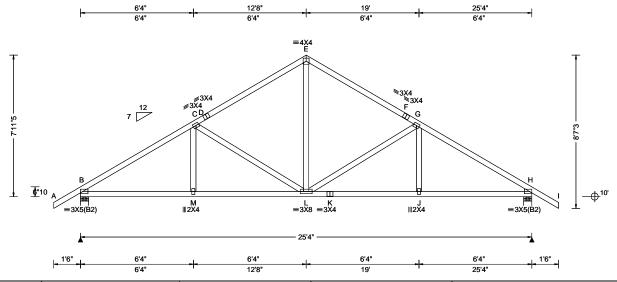
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SEQN: 47607 / COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T123 FROM: Qty: 8 DrwNo: 205.24.1159.12401 Logan Jack Truss Label: A04 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.067 L 999 240 VERT(CL): 0.136 L 999 180 HORZ(LL): 0.034 H HORZ(TL): 0.070 H Creep Factor: 2.0 Max TC CSI: 0.551 Max BC CSI: 0.569 Max Web CSI: 0.484  VIEW Ver: 23.02.01A.1204.18	Gravity  Loc R+ /R- /Rh /  B 1155 /- /- /6  H 1155 /- /- /6  Wind reactions based on MWF  B Brg Wid = 5.5 Min Req :  H Brg Wid = 5.5 Min Req :  Bearings B & H are a rigid surfa  Members not listed have forces  Maximum Top Chord Forces  Chords Tens.Comp. Chor  B - C 306 - 1591 E - F  C - D 273 - 1130 F - G
Lumber				0 0 1.00 1.00

# Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Gravity				Non-Gravity		
Loc	R+	/ R-	/Rh	/Rw	/ U	/ RL
В	1155	/-	/-	/690	/19	/235
Н	1155	/-	/-	/690	/19	/-
Win	d reac	tions bas	ed on MV	VFRS		
В	Brg W	/id = 5.5	Min Re	q = 1.5	(Truss)	)
Н	Brg W	/id = 5.5	Min Re	q = 1.5	(Truss)	)
Bea	rings E	3 & H are	a rigid su	urface.		
Men	Members not listed have forces less than 375#					
Maximum Top Chord Forces Per Ply (lbs)						
Cho	rds T	ens Con	ip. Ch	ords	Tens. (	Comp.

306 - 1591 306 - 1109 273 - 1130 F-G 274 - 1130 D-E 306 - 1109 G-H 307 - 1591

Maximum Bot Chord Forces Per Ply (lbs)					
Chords	Tens.Comp.	Chords	Tens.	Comp.	
B - M M - L	1280 - 141 1279 - 142	K - J J - H		- 153 - 152	
L-K	1279 - 153				

### Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. C - L 176 - 459 L-G 175 - 459 E-L 640 - 125



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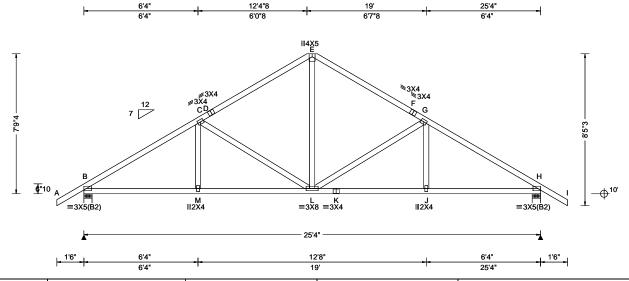
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SEQN: 46151 / COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T58 / FROM: DrwNo: 205.24.1159.12119 Qty: 1 Logan Jack Truss Label: A05 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	<b>A</b>
Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.067 L 999 240 VERT(CL): 0.136 L 999 180 HORZ(LL): 0.034 H HORZ(TL): 0.070 H Creep Factor: 2.0 Max TC CSI: 0.551 Max BC CSI: 0.569 Max Web CSI: 0.484  VIEW Ver: 23.02.01A.1204.18	L BHWBHBMC BC
Lumber				_

### ▲ Maximum Reactions (lbs) Gravity Non-Gravity oc R+ /Rh /Rw /U /RL 1155 /-/684 /232 1155 /684 /-/18 Wind reactions based on MWFRS Brg Wid = 5.5 Min Reg = 1.5 (Truss) Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings B & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C C - D 298 - 1591 296 - 1109 265 - 1130 F-G 265 - 1130 D-E 296 - 1109 G-H 299 - 1591

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

### Maximum Bot Chord Forces Per Ply (lbs) Tens. Comp. Chords Tens.Comp. Chords B - M 1280 - 134 K - J 1279

- 147 1279 - 135 M - L J - H 1280 - 146 L-K 1279 - 147

### Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. C-L 178 - 458 E-L 640 - 125 L-G 177 - 458



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Ply: 1 FROM: Qty: 1 DrwNo: 205.24.1159.11978 Logan Jack Truss Label: A06 NW / DF 07/23/2024 5'3"1 10'4"8 14'11"8 20'0"15 25'4" 5'3"1 4'7" 5'1"7 5'3"1 ≡4X4 D ≡4X4 E ∥2X4 6"10 登 K ≡3X4 ≡3X4 =3X8 | ||2X4 ≡4X4(B2) =3X5(B2) 25'4" 1'6" 1'6" 5'3"1 9'8"7 5'1"7 5'3"1 5'3"1 14'11"8 20'0"15 25'4'

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	1
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): 0.066 J 999 240 VERT(CL): 0.135 J 999 180 HORZ(LL): 0.034 G HORZ(TL): 0.070 G Creep Factor: 2.0 Max TC CSI: 0.555 Max BC CSI: 0.744 Max Web CSI: 0.229	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	J,
Lumber				

Job Number: 24-1284

SEQN: 46153 /

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

In lieu of structural panels use purlins to brace all flat

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Webs: 2x4 SP #3;

TC @ 24" oc.

COMN

▲ Maximum Reactions (lbs)						
Gravity			Non-Gravity			
Loc R	+ /R-	/ Rh	/ Rw	/ U	/ RL	
B 11	55 /-	/-	/691	/53	/200	
G 11	55 /-	/-	/691	/53	/-	
Wind r	eactions I	based on I	MWFRS			
B Br	g Wid = 5	5.5 Min	Req = 1.5	(Trus	s)	
G Br	g Wid = 5	5.5 Min l	Req = 1.5	(Trus	s)	
Bearing	gs B & G	are a rigid	surface.			
Membe	ers not lis	ted have f	orces less	s than :	375#	
Maximum Top Chord Forces Per Ply (lbs)						
Chords	Tens.C	omp.	Chords	Tens.	Comp.	
в-с	462	- 1640	E-F	475	- 1278	

Cust: R 215 JRef: 1Y1S2150010 T44 /

C-D 575 - 1599 F-G 473 - 1602 D-E 460 - 1042

### Tens. Comp. Chords Tens.Comp. Chords B-L 1329 - 280 J - I 1297 - 308 I-G L-K 1002 - 208 1298 - 307

# Tens.Comp. L-D 500 - 113

# Maximum Bot Chord Forces Per Ply (lbs)

K-J	1002	- 208		
	um Web		Per Ply (	lbs)



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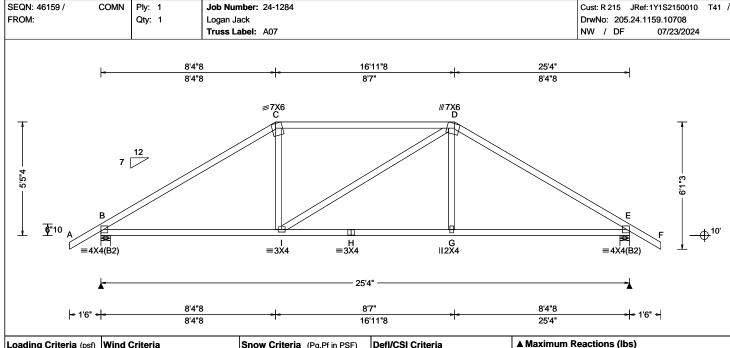
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Loading Criteria (psi)	Willia Criteria	SHOW CITIENTA (FG,FI III FSF)	Deli/Coi Cillella		
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.	
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.049 G 999 240	L	
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.100 G 999 180	E	
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.025 E	E	
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.050 E	١	
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	E	
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.758	E	
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.700	E	
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: Yes	Max Web CSI: 0.217	ľ	
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		١ä	
	GCpi: 0.18	Plate Type(s):		₫:	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	E	
Lumber				- (	

	▲ Maximum Reactions (lbs)									
ŧ		G	ravity		N	on-Grav	vity −			
40	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL			
80	В	1155	/-	/-	/685	/206	/170			
-	Е	1155	/-	/-	/685	/206	/-			
-	Win	d read	tions b	ased on	<b>MWFRS</b>					
	В	Brg V	/id = 5.	5 Min	Req = 1.	5 (Truss	s)			
	Е	Brg V	/id = 5.	5 Min	Req = 1.	5 (Truss	s)			
	Bea	ırings I	3 & E a	re a rigi	d surface.	•	•			
	Mer	nbers	not liste	ed have	forces les	s than 3	375#			
	Max	cimum	Top C	hord F	orces Per	Ply (lb	s)			
	Cho	ords T	ens.Co	mp.	Chords	Tens.	Ćomp.			
	В-	С	635 -	1527	D-E	633	- 1529			
	l C -	D	626 -	1215						

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

### Maximum Bot Chord Forces Per Ply (lbs) Chords

Onlords	rens.comp.		Onlords	i ciio.	Joinp.
B - I I - H	1206 - 1212 -		H-G G-E	1212 1207	



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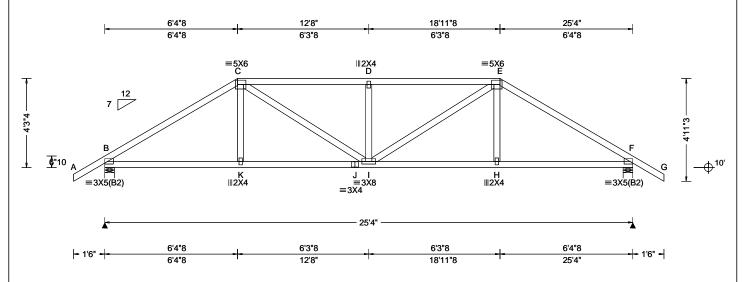
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 46161 / COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T9 / FROM: Qty: 1 DrwNo: 205.24.1159.13451 Logan Jack Truss Label: A08 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	•
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.085 D 999 240 VERT(CL): 0.174 D 999 180 HORZ(LL): 0.034 F HORZ(TL): 0.068 F Creep Factor: 2.0 Max TC CSI: 0.556 Max BC CSI: 0.558 Max Web CSI: 0.359  VIEW Ver: 23.02.01A.1204.18	B F W B F B M M C B C
Lumber				U

	▲ Ma	aximu	ım Rea	ctions	(lbs)			_
		G	ravity		N	on-Grav	vity	
0	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
0	В	1155	/-	/-	/675	/209	/140	
	F	1155	/-	/-	/675	/209	/-	
	Win	d read	ctions b	ased or	MWFRS			
	В	Brg V	Vid = 5.	5 Mir	n Req = 1.	5 (Trus	s)	
	F	Brg V	Vid = 5.	5 Mir	n Reg = 1.	5 (Trus:	s)	
	Bea	rings I	B&Fa	re a riq	id surface.	•	•	
	Men	nbers	not liste	ed have	forces les	s than 3	375#	
	Max	imun	Top C	hord F	orces Per	Ply (lb	s)	
	Cho	rds 1	Tens.Co	mp.	Chords	Tens.	Comp.	_
	В-0	•	737 -	1585	D-E	983	- 1710	
	1 - 5 l	5	983 -		F-F	738	- 1585	
		-				700	.500	

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3:

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

# Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. (	Comp.
B - K	1272	- 513	I-H	1276	-513
K-J	1276	- 509	H - F	1272	- 516
J - I	1276	- 509			

# Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.	
C - I	513 - 360	I-E	513 - 360	
D - I	427 - 413			



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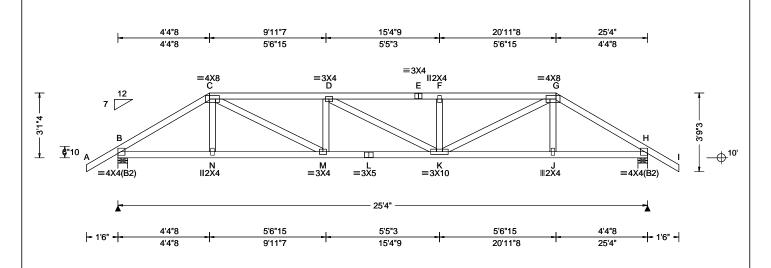
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

SEQN: 46165 / COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T96 / FROM: Qty: 1 DrwNo: 205.24.1159.14235 Logan Jack Truss Label: A09 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.130 F 999 240 VERT(CL): 0.266 F 999 180 HORZ(LL): 0.040 H	
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.082 H Creep Factor: 2.0  Max TC CSI: 0.514  Max BC CSI: 0.645  Max Web CSI: 0.467	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	]
Lumber				ľ

▲ Maxir	▲ Maximum Reactions (lbs)										
	Gravity		No	Non-Gravity							
Loc R+	/ R-	/ Rh	/ Rw	/ U	/ RL						
B 115	5 /-	/-	/658	/212	/110						
H 115	5 /-	/-	/658	/212	/-						
Wind re	actions b	ased on	MWFRS								
B Brg	Wid = 5	5 Min	Req = 1.5	(Trus	s)						
H Brg	Wid = 5	5 Min	Req = 1.5	(Trus	s)						
Bearing	sB&Ha	re a rigi	d surface.	•	•						
Member	s not list	ed have	forces less	s than :	375#						
Maximu	m Top (	hord F	orces Per	Ply (lb	s)						
Chords	Tens.Co	mp.	Chords	Tens.	Ćomp.						
B-C	845 -	1628	E-F	1352	- 2279						
C-D	1330 -	2251	F-G	1353	- 2279						
D-E	1352 -	2279	G-H	845	- 1628						

# Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)										
Chords	Tens.Comp.	Chords	Tens. Comp.							
B - N N - M	1327 - 629 1329 - 625	L-K K-J	2288 - 1232 1329 - 614							
M - L	2288 - 1232	J - H	1326 - 618							

### Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. C - M 1038 - 650 K - G 1063 - 672



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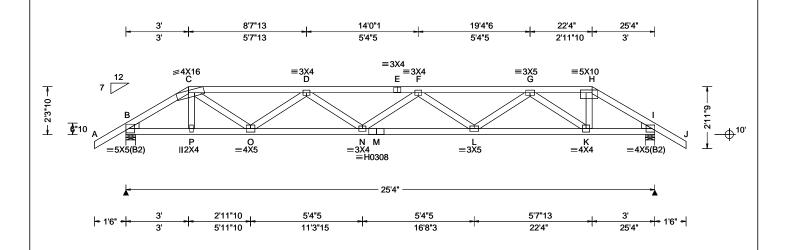
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SEQN: 46177 / HIPS Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T8 / FROM: Qty: 1 DrwNo: 205.24.1159.13922 Logan Jack Truss Label: A10 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.215 F 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.432 F 699 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.049 I
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.100 I
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.339
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.509
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.586
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 23.02.01A.1204.18

- 1	= maximum reactions (ibs)					
١		Gravity	•	No	on-Grav	vity
	Loc R	+ /R-	/ Rh	/ Rw	/ U	/ RL
	B 151	13 /-	/-	/-	/327	/-
١	I 144	17 /-	/-	/-	/284	/-
١	Wind re	actions	based on	MWFRS		
	Bearing	gsB&l∶	are a rigid	surface.		
١	Membe	rs not lis	sted have	forces less	s than 3	375#
١	Maxim	um Top	<b>Chord Fo</b>	orces Per	Ply (lb	s)
	Chords	Tens.0	Comp.	Chords	Tens.	Comp.
	B-C	474	- 2201	F-G	751	- 4096
١	C-D	617	- 3087	G-H	327	- 1861
٦	D-E	854	- 4316	H - I	385	- 2102
J	E-F	854	- 4316			

▲ Maximum Reactions (lbs)

# Lumber

Top chord: 2x4 SP M-31; Bot chord: 2x4 SP M-31; Webs: 2x4 SP #3;

Lt Wedge: 2x4 SP #3;Rt Wedge: 2x4 SP #3;

# **Special Loads**

----(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From -1.50 to 63 plf at 32 plf at 63 plf at 32 plf at 3 00 TC: From 3.00 to 17.10 TC: From 17.10 to 63 plf at 63 plf at 26.83 BC: From 5 plf at -1.50 to 5 plf at 0.00 BC: From BC: From 20 plf at 0.00 to 3.03 to 3.03 17.10 20 plf at 10 plf at 20 plf at 10 plf at 20 plf at BC: From BC: From 17.10 to 25.33 5 plf at 25.33 to 5 plf at TC: 120 lb Conc. Load at 3.03 TC: 68 lb Conc. Load at 5.06, 7.06, 9.06,11.06 13.06.15.06 71 lb Conc. Load at 3.03

54 lb Conc. Load at 5.06, 7.06, 9.06,11.06 13.06,15.06

BC: 312 lb Conc. Load at 17.10

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

# Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.C	comp.	Chords	Tens. (	Comp.	
B - P	1814	- 386	M - L	4423	- 914	
P - O	1811	- 380	L-K	3164	- 608	
O - N	3960	- 871	K-I	1718	- 305	
N - M	4423	- 914				

# Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C-0	1537 - 284	L-G	1165 - 179
O - D	319 - 1092	G-K	352 - 1629
D - N	444 0	K - H	993 - 148
F-I	204 - 408		



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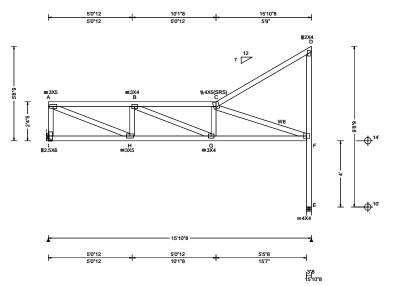
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SEQN: 34487 HIPM Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T106 Ply: 1 FROM: DrwNo: 205.24.1456.45663 Qty: 1 Logan Jack Truss Label: B01 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.044 G 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.090 G 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.023 D
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.047 D
NCBCLL: 10.00	Mean Height: 18.04 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.472
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.473
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.482
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18
	•	·	•

### Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL 654 /327 /118 /118 /-/409 /146 /-660 /-Wind reactions based on MWFRS Brg Wid = -Min Reg = Brg Wid = 3.5 Min Req = 1.5 (Support) Bearing E is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 796 - 1123 A - B B-C 659 - 1247

▲ Maximum Reactions (lbs)

# Lumber

Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; W6 2x4 SP M-31;

# Hangers / Ties

Simpson Construction Hardware is specified based on the most current information provided by Simpson Strong-Tie. Please refer to the most recent Simpson Strong-Tie catalog for additional information.

Recommended hanger connections are based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

Bearing at location x=0' uses the following support conditions: 0' Bearing I (0', 14') LUS26 Supporting Member: (1)2x6 SP 2400f-2.0E into supporting member. into supported member.

# **Purlins**

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

# Wind

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure. Wind loading based on both gable and hip roof types.

BEARING LEG DOWN DESIGNED FOR VERTICAL LOADS ONLY. THE BUILDING DESIGNER MUST PROVIDE FOR PROPER LATERAL BRACING OF THE BEARING BELOW THIS TRUSS.

### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

1175 - 994 1241

### Maximum Web Forces Per Ply (lbs) Tens. Comp. Webs Tens.Comp. Webs

853 A - I 512 - 608 C-F - 1315 1201 - 848 F-E 388 - 660 A - H H-B 388 - 371



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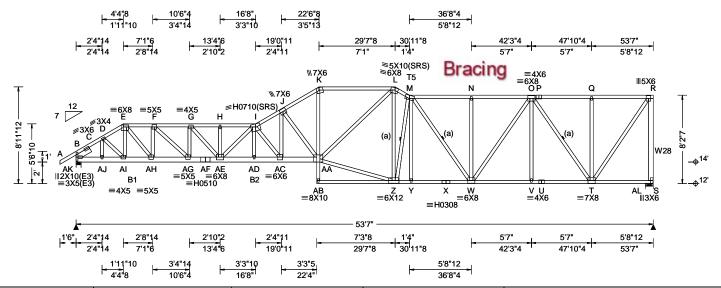
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SEQN: 105873 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T87 FROM: DrwNo: 205.24.1458.11397 Qty: 1 Logan Jack Truss Label: B02 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.510 AC 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 1.050 AC 612 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.106 T
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 17.55 ft		HORZ(TL): 0.219 T
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.703
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.545
Spacing: 24.0 "	C&C Dist a: 5.36 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.810
	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 23.02.01A.1204.18
Lumber		Additional Notes	

# Lumber

Top chord: 2x4 SP M-31; T5 2x4 SP #2; Bot chord: 2x4 SP M-31; B1,B2 2x6 SP 2400f-2.0E; Webs: 2x4 SP M-31; W28 2x6 SP 2400f-2.0E; Lt Slider: 2x6 SP 2400f-2.0E; block length = 1.500'

(a) Continuous lateral restraint equally spaced on member

# **Special Loads**

(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)					
TC: From	63 plf at	-1.50 to	63 plf at	53.58	
BC: From	5 plf at	-1.50 to	5 plf at	0.00	
BC: From	20 plf at	0.00 to	20 plf at	53.58	
BC: 743 lb Conc. Load at 4.41					

# **Plating Notes**

All plates are 2X4 except as noted.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

# Wind

Wind loads and reactions based on MWFRS. Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



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# ▲ Maximum Reactions (lbs)

			.000 (.	20,		
		Gravity		No	on-Grav	/ity
0	Loc R-	- / R-	/ Rh	/ Rw	/ U	/ RL
0	AK 301	3 /-	/-	/-	/559	/-
	AL 228	8 /-	/-	/-	/414	/-
	Wind re	actions b	ased on I	MWFRS		
	AK Brg	Wid = 5	.5 Min	Req = 2.5	(Truss	s)
	AL Brg	Wid = 9	.0 Min l	Req = 1.9	(Truss	s)
	Bearing	s AK & A	L are a ri	gid surfac	e.	
	Membe	rs not list	ed have f	orces less	s than 3	375#
	Maximu	ım Top (	Chord Fo	rces Per	Ply (lb:	s)
	Chords	Tens.Co	omp.	Chords	Tens.	Comp.
	B-C	708 -	3943	J - K	1032	- 5646
	12 2	607		V I	077	4022

B - C	708 - 3943	J - K	1032	- 5646
C - D	687 - 3875	K-L	877	- 4822
D-E	776 - 4333	L - M	735	- 4096
E-F	914 - 5118	M - N	618	- 3418
F-G	1191 - 6648	N - O	618	- 3418
G-H	1394 - 7755	0 - P	275	- 1519
H - I	1395 - 7755	P-Q	275	- 1519
I - J	1374 - 7587	Q - R	275	- 1519

# Maximum Bot Chord Forces Per Ply (lbs)

Chorus	rens.comp.	Chorus	rens. Comp.	
B -AJ	3115 - 551	AC-AA	6411 - 1155	
AJ-AI	3107 - 550	Z - Y	3863 - 697	
Al-AH	3768 - 669	Y - X	3863 - 697	
AH-AG	5263 - 944	X - W	3863 - 697	
AG-AF	6772 - 1217	W - V	2622 - 474	
AF-AE	6772 - 1217	V - U	2622 - 474	
AE-AD	8702 - 1567	U - T	2622 - 474	
AD-AC	8702 - 1569			

# Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Com	n
VVCD3	rens.comp.	VV CD3	Tens. Con	φ.
AJ- D	133 - 574	AA-Z	3717 - 6	72
D -AI	972 - 176	AA- L	1669 - 3	14
E -AH	2131 - 385	Z - L	598 -	23
AH- F	331 - 1591	Z - M	294 - 15	75
F-AG	1978 - 353	M - W	134 - 7	58
AG- G	285 - 1354	W - O	1381 - 2	49
G -AE	1519 - 274	N - W	153 - 3	88
AE- I	239 - 1312	O - T	346 - 19	13
I -AC	679 - 3741	Q-T	161 - 4	06
AC- J	2853 - 472	T - R	2588 - 4	68
1 <b>.999</b> A	452 - 2577	R-S	436 - 22	41
AA- K	2461 - 364			

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

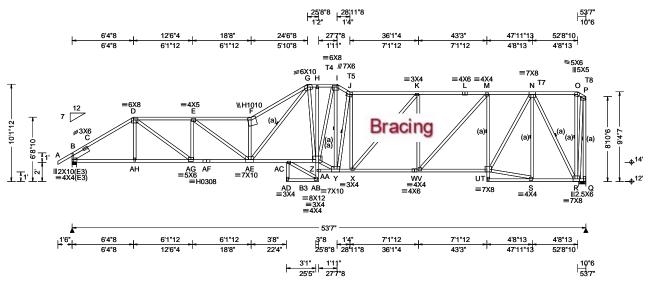
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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A 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: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.org



SEQN: 105879 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T115 FROM: DrwNo: 205.24.1459.22597 Qty: 1 Logan Jack Truss Label: B03 AK / WHK 07/23/2024



				_
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	l
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.523 F 999 240	
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 1.082 F 594 180	
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.117 R	
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.242 R	
NCBCLL: 10.00	Mean Height: 18.14 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.662	
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.504	
Spacing: 24.0 "	C&C Dist a: 5.36 ft	Rep Fac: Yes	Max Web CSI: 0.805	
-	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		1
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 23.02.01A.1204.18	
Lumber				- '

Ct: NA (	CAT: NA	PP Deflection	on in loc L	/defl	L/#		(	Gravity		No
	Ce: NA	VERT(LL):				Loc	: R+	/ R-	/ Rh	/ Rw
Cs: NA		VERT(CL):	1.082 F	594	180	В	2331	/-	/-	/1342
tion: NA		HORZ(LL):	0.117 R	-	-	Q	2226	· }-	/-	/1143
		HORZ(TL):	0.242 R	-	-	Wir	nd rea	ctions b	ased on	<b>MWFRS</b>
ode:		Creep Facto	or: 2.0			В	Brg '	Wid = 5.	.5 Min	Req = 1.9
d. 2023 Re	es.	Max TC CS	: 0.662			Q	_			Req = 1.8
014		Max BC CS				Bea	arings	B&Ra	are a rigi	d surface.
es .		Max Web C				Me	mbers	s not liste	ed have	forces less
		IVIAX VVCD O	01. 0.000			Ma	ximu	m Top C	Chord F	orces Per
))/10(0)						Cho	ords	Tens.Co	omp.	Chords
(s):						_	_	4000	0540	
		VIEW Ver 2	23 02 01A °	1204	18	B -	U	1360 -	<b>3</b> 513	H-I

B Brg	Wid = 5.5	Min Req = 1.	9 (Trus	s)
Q Brg	Wid = 9.0	Min Req = 1.	.8 (Trus	s)
Bearing	s B & R are	a rigid surface have forces les		
Member	s not listed I	have forces les	s than 3	375#
Maximu	m Top Cho	rd Forces Pe	r Ply (lb	s)
Chords	Tens.Comp	o. Chords	Tens.	Com

Chords Tens.Comp.

2813 - 1309

2811 - 1304

4925 - 2182

4925 - 2182

3811 - 1617

3657 - 1501

B-AH

AH-AG

AG-AF

AF-AE

AE-AC

AC-Z

▲ Maximum Reactions (lbs) Gravity

Chorus	rens.comp.	Chorus	i ens.	Comp.
B-C C-D	1360 - 3513 1370 - 3426	H-I I-J		- 3805 - 3912
D - E	2039 - 4837	J-K		- 3673
E-F	2502 - 6109	K-L	1411	- 3276
F-G	3068 - 7310	L-M	1411	- 3276
G-H	1663 - 3815	M - N	982	- 2338

Chords

X - W

W-V

V - T

S-R

Maximum Bot Chord Forces Per Ply (lbs)

Non-Gravity

/RL

/210

/-

Tens. Comp.

3687 - 1574

3309 - 1412

- 1412

- 975

- 511

3309

2367

1249

/Rw /U

/1342 /178

/1143 /334

# Bot chord: 2x4 SP M-31; B3 2x4 SP #2; Webs: 2x4 SP M-31; Lt Slider: 2x6 SP 2400f-2.0E; block length = 2.032'

(a) Continuous lateral restraint equally spaced on member

Top chord: 2x4 SP M-31; T4,T5,T7,T8 2x4 SP #2;

# **Plating Notes**

All plates are 2X4 except as noted.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

# **Additional Notes**

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).



Maxim	um Web Forces	Per Ply (	lbs)
Webs	Tens.Comp.	Webs	Ťen

4 A CD3	rens.comp.	V V CD3	i ciis.	comp.
D -AG	2515 - 1036	X - K	591	- 240
AG- E	660 - 1341	K - V	581	- 936
E -AE	1484 - 527	V - M	1390	- 637
AE- F	1759 - 3982	M - T	706	- 1424
AE- G	3989 - 1713	T - S	1264	- 508
Z - Y	3482 - 1375	T - N	2173	- 926
Z - I	1664 - 657	N - R	919	- 2244
Y - J	837 - 1873	R - P	2028	- 837
J - X	261 - 378	P-Q	859	- 2135

Florda Certificate of Product Approval #FL 1999

\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

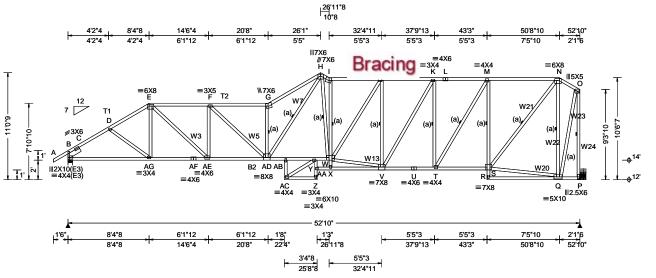
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.482 G 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.996 G 636 180
	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.122 E
Doc I d: 40 00	EXP: C Kzt: NA		HORZ(TL): 0.252 E
NCBCLL: 10.00	Mean Height: 18.58 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.814
	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.848
Spacing: 24.0 "	C&C Dist a: 5.28 ft	Rep Fac: Yes	Max Web CSI: 0.889
-1 3	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18

Top chord: 2x4 SP #2; T1,T2 2x4 SP M-31; Bot chord: 2x4 SP #2; B2 2x4 SP M-31; Webs: 2x4 SP #3; W3,W5,W20,W21,W22,W23, W24 2x4 SP M-31; W7,W13 2x4 SP #2; Lt Slider: 2x6 SP 2400f-2.0E; block length = 1.500'

# **Bracing**

(a) Continuous lateral restraint equally spaced on member.

# **Plating Notes**

All plates are 2X4 except as noted.

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

# **Additional Notes**

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

### ▲ Maximum Reactions (lbs) Gravity

	_			rion Clarity			
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
Р	2300 2195	<i>/</i> -		/1126			
Wind reactions based on MWFRS							

Non-Gravity

Brg Wid = 5.5Min Reg = 2.7 (Truss)

Brg Wid = -Min Req = Bearing B is a rigid surface.

# Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

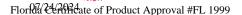
Cnoras	rens.Comp.	Choras	i ens.	Comp.
B-C	1311 - 3490	I - J	1528	- 3492
C - D	1288 - 3308	J - K	1328	- 3001
D-E	1313 - 3268	K-L	1110	- 2550
E-F	1758 - 4142	L - M	1110	- 2550
F-G	2034 - 4935	M - N	831	- 1899
G - H	2488 - 5873	N - O	230	- 556
H - I	1714 - 3906			

# Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	l ens.	Comp.
B -AG	2662 - 1253	AA- W	2946	- 1234
AG-AF	2804 - 1256	Y - X	380	- 172
AF-AE	2804 - 1256	X - V	414	- 185
AE-AD	4199 - 1858	V - U	2583	- 1075
AD-AB	3327 - 1408	U - T	2583	- 1075
AB-AA	3332 - 1410	T - R	1925	- 788

# Maximum Web Forces Per Plv (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
E -AE	1827 - 780	V - K	843 - 401
AE- F	575 - 1111	K - T	573 - 1035
F-AD	1018 - 339	T - M	1264 - 561
AD- G	1450 - 3225	M - R	740 - 1548
AD- H	3149 - 1364	R - Q	438 - 185
H - W	1714 - 711	R - N	2288 - 948
I - W	856 - 1831	Q - N	894 - 1872
W - J	884 - 356	Q - O	1999 - 813
W - V	2660 - 1122	O - P	881 - 2207
J - V	617 - 1140		



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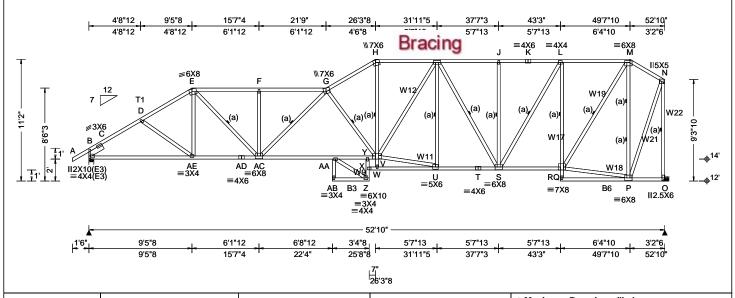
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SEQN: 34056 MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T194 FROM: DrwNo: 205.24.1459.35280 Qty: 1 Logan Jack Truss Label: B05 AK / WHK 07/23/2024



Loading Criteria (psf) Wind Criteria		Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria		
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#		
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.372 AB 999 240		
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.769 AB 824 180		
	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.107 P		
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.222 P		
NCBCLL: 10.00	Mean Height: 18.65 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0		
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.799		
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.719		
Spacing: 24.0 "	C&C Dist a: 5.28 ft	Rep Fac: Yes	Max Web CSI: 0.809		
'	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)			
	GCpi: 0.18	Plate Type(s):			
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18		

# Lumber

Top chord: 2x4 SP #2; T1 2x4 SP M-31; Bot chord: 2x4 SP M-31; B3,B6 2x4 SP #2; Webs: 2x4 SP #3; W9,W11,W12,W17,W18,W19,W21,

Lt Slider: 2x6 SP 2400f-2.0E; block length = 1.556'

# **Bracing**

(a) Continuous lateral restraint equally spaced on member.

# **Plating Notes**

All plates are 2X4 except as noted.

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

# **Additional Notes**

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below. Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

### ▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U В 2300 /-/1355 /199 2195 /-/1117 /305 /-Wind reactions based on MWFRS Brg Wid = 5.5Min Reg = 1.9 (Truss) Brg Wid = -Min Req = -Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 1321 - 3507 1448 C-D 1308 - 3345 I-J 1092 - 2429 D-E 1319 - 3254 J-K 1092 - 2429 E-F 1699 - 3921 K-L 1092 - 2429 F-G 1699 - 3921 L-M 816 - 1769 G-H 1608 - 3839 344 - 781 M - N

Chords Tens.Comp. Chords Tens. Comp					
B -AE	2713 - 1265	Y - W	378	- 423	
AE-AD	2775 - 1231	W - U	394	- 425	
AD-AC	2775 - 1231	U-T	2833	- 1215	
AC-AA	4511 - 1963	T - S		- 1215	
AA- X	4340 - 1763	S - Q		- 743	

# 4115 - 1527

Maximum Web Forces Per Ply (lbs)							
Webs	Tens.Co	mp.	Webs	Tens.	Comp.		
E -AC	1629 -	720	S-L	1282	- 578		
F-AC	339 -	406	L-Q	729	- 1516		
AC- G	321 -	934	Q-P	601	- 247		
G - V	989 - 2	2052	Q - M	2115	- 887		
– H - V	1574 -	584	P - M	812	- 1731		
V - U	2491 -	806	P - N	1856	- 752		
V - I	873 -	286	N - O	902	- 2180		
I - S	412 -	814					



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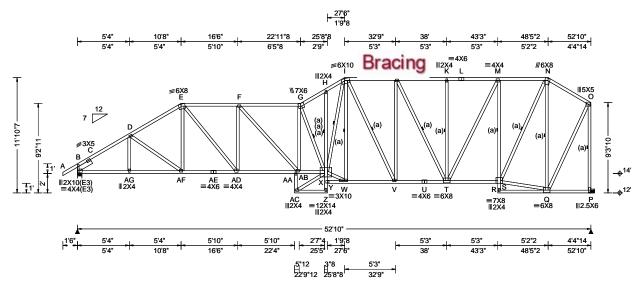
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

SEQN: 34049 MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T196 FROM: DrwNo: 205.24.1459.43430 Qty: 1 Logan Jack Truss Label: B06 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.299 AC 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.618 AC 999 180
DCDL. 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.099 Q
Dec 1 d · 40 00	EXP: C Kzt: NA		HORZ(TL): 0.204 Q
NCBCLL: 10.00	Mean Height: 19.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.579
	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.429
Spacing: 24.0 "	C&C Dist a: 5.28 ft	Rep Fac: Yes	Max Web CSI: 0.833
, ,	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18

# Lumber

Top chord: 2x4 SP M-31; Bot chord: 2x4 SP M-31; Webs: 2x4 SP M-31;

Lt Slider: 2x6 SP 2400f-2.0E; block length = 1.730'

(a) Continuous lateral restraint equally spaced on member

# **Plating Notes**

All plates are 3X4 except as noted.

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

# **Additional Notes**

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

# ▲ Maximum Reactions (lbs) Gravity

ol	Loc	R+	/ R-	/ Rh	/Rw	/U	/RL	
o	В	2300	/-	/-	/1367	/192	/261	
	Ρ	2195	/-	/-	/1115	/275	/-	
	Win	d react	ions bas	ed on MV	VFRS			
	В	Brg W	id = 5.5	Min Re	q = 1.9	(Truss	)	
	Ρ	Brg W	id = -	Min Re	q = -			
	Bearing B is a rigid surface.							
	Members not listed have forces less than 375#							
	Maximum Top Chord Forces Per Ply (lbs)							
	Cho	rds T	ens.Com	ıp. Ch	ords	Tens.	Comp.	

Non-Gravity

444

- 984

1248 - 3435 - 2601 1229 1240 - 3332 J - K 1050 - 2231 D-E 1327 - 3220 K-L 1050 - 2231 E-F 1587 - 3604 L-M 1050 - 2231 F-G 1777 - 4110 M - N 802 - 1643

N - O

1746 - 3865

1725 - 3942

G - H

# Maximum Bot Chord Forces Per Ply (lbs)

Choras rens.Comp. Choras rens.	Comp.
B -AG 2719 - 1210 AA- X 4134	- 1794
AG-AF 2716 - 1210 Y - W 741	- 344
AF-AE 2731 - 1205 W - V 2758	- 1182
AE-AD 2731 - 1205 V - U 2590	- 1112
AD-AB 3643 - 1616 U - T 2590	- 1112
AB-AA 3657 - 1620 T - R 1665	- 695

# Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
E -AD	1374 - 612	V - J	502 - 78
AD- F	536 - 932	J - T	406 - 826
F-AA	871 - 256	T - M	1276 - 587
AC- X	198 - 437	M - R	714 - 1474
G - X	996 - 2198	R - Q	775 - 312
X - I	2922 - 1282	R - N	1979 - 847
X - W	2266 - 942	Q - N	770 - 1642
I - W	446 - 894	Q - O	1772 - 718
I - V	155 - 458	O - P	916 - 2162



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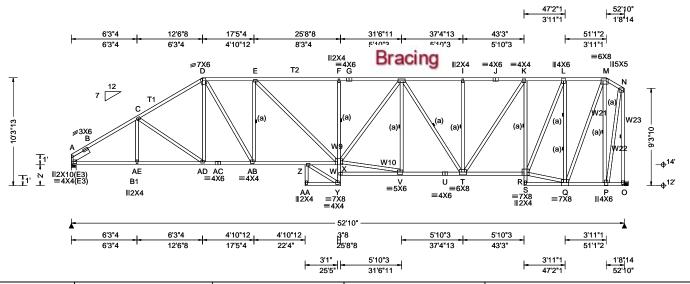
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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 continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR 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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For more information see these web sites: Alpine: alpineitw.com: TPI: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.org



SEQN: 34042 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T10 FROM: DrwNo: 205.24.1459.47373 Qty: 1 Logan Jack Truss Label: B07 AK / WHK 07/23/2024



Loading Criteria (psf) Wind Criteria		Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria		
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#		
1.0220.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.319 AA 999 240		
DCLL. 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.664 AA 955 180		
10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.111 P		
Dec 1 d · 40 00	EXP: C Kzt: NA		HORZ(TL): 0.232 P		
NODOLL, 40 00	Mean Height: 19.98 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0		
0.40	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.599		
I	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.815		
Spacing: 24.0 "	C&C Dist a: 5.28 ft	Rep Fac: Yes	Max Web CSI: 0.871		
	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)			
	GCpi: 0.18	Plate Type(s):			
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18		

that point).

# Lumber

Top chord: 2x4 SP #2; T1,T2 2x4 SP M-31; Bot chord: 2x4 SP #2; B1 2x4 SP M-31; Webs: 2x4 SP #3; W9,W10 2x4 SP #2; W21,W22,

Lt Slider: 2x6 SP 2400f-2.0E; block length = 2.002'

# **Bracing**

(a) Continuous lateral restraint equally spaced on member.

# **Plating Notes**

All plates are 3X4 except as noted.

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

# **Additional Notes**

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below. Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at

### ▲ Maximum Reactions (lbs) Gravity

	_	iavity		140	0.0	avity	
Loc	c R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
Α	2197	/-	/-	/1102	/-	/201	
0	2197	/-	/-	/1013	/-	/-	
Wi	Wind reactions based on MWFRS						
Α	Brg V	Vid = 5	.5 Min F	Req = 1.8	(Trus	ss)	
0	Brg V	Vid = -	Min F	Req = -			
_							

Non-Gravity

Bearing A is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

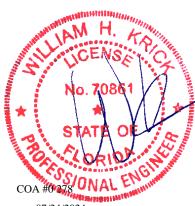
Chords	Tens.Comp.	Chords	Tens.	Comp.
A - B	0 - 3483	H-I	0	- 2687
B-C	0 - 3395	i - J	ŏ	- 2687
C - D	0 - 3158	J - K	0	- 2687
D-E	0 - 3217	K-L	0	- 1930
E-F	0 - 3674	L - M	0	- 1116
F-G	0 - 3675	M - N	0	- 448
G-H	0 - 3675			

# Maximum Bot Chord Forces Per Ply (lbs)

Choras	rens.comp.		Choras	rens. C	omp.
A -AE	2795	- 106	Z-W	3031	0
AE-AD	2792	- 106	X - V	444	- 15
AD-AC	2653	0	V - U	3117	0
AC-AB	2653	0	U - T	3117	0
AB- Z	3247	0	T - R	1957	0

# Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.		Webs	Tens.	Comp.
D -AB	1106	0	T-K	1345	0
AB- E	0	- 838	K-R	0	- 1435
E-W	602	0	R-L	2060	0
F-W	0	- 467	R - Q	1167	0
W - V	2720	0	L-Q	0	- 2141
W - H	918	0	Q - M	2036	0
V - H	0	- 405	M - P	0	- 1883
H - T	0	- 792	P - N	1967	0
I-T	0	- 387	N - O	0	- 2179



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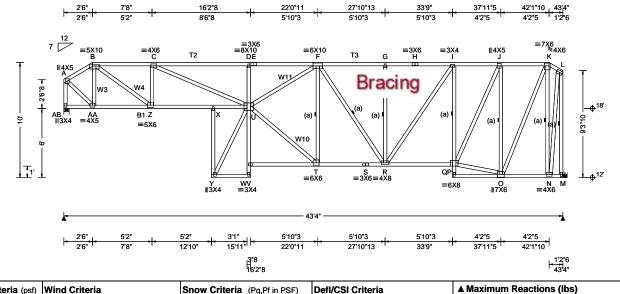
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SEQN: 34018 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T40 FROM: DrwNo: 205.24.1459.50557 Qty: 1 Logan Jack Truss Label: B08 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.355 Y 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.739 Y 703 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.114 N
Des Ld: 40.00 NCBCLL: 10.00	EXP: C Kzt: NA Mean Height: 23.34 ft	Building Code:	HORZ(TL): 0.236 N Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.33 ft Loc. from endwall: not in 13.00 ft	FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	Max TC CSI: 0.659 Max BC CSI: 0.626 Max Web CSI: 0.846
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18
Lumban			

# Lumber

Top chord: 2x4 SP #2; T2,T3 2x4 SP M-31; Bot chord: 2x4 SP #2; B1 2x4 SP M-31; Webs: 2x4 SP #3; W3,W4 2x4 SP M-31; W10, W11 2x4 SP #2;

# **Bracing**

(a) Continuous lateral restraint equally spaced on member

# **Plating Notes**

All plates are 2X4 except as noted.

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

CAT: NA	IPP Deflection in loc L	./aeti	L/#	Clavity	141
Ce: NA	VERT(LL): 0.355 Y			Loc R+ /R- /Rh	/Rw
	VERT(CL): 0.739 Y			AB 1802 /- /-	/923
	HORZ(LL): 0.114 N	-	-	M 1799 /- /-	/910
	HORZ(TL): 0.236 N	-	-	Wind reactions based on M\	VFRS
	Creep Factor: 2.0			AB Brg Wid = 5.5 Min Re	q = 1.5
es.	Max TC CSI: 0.659			M Brg Wid = - Min Re	q = -

### E-F 0 - 4935 J - K 0 Maximum Bot Chord Forces Per Ply (lbs)

Gravity

Bearing AB is a rigid surface.

0 - 1376

0 - 3128

0 - 4950

0 - 4935

Chords Tens.Comp.

B - C

C-D

D-E

Chords	Tens.Comp.		Chords	Tens. Comp.	
AA- Z	1159	0	T-S	2266	0
Z - X	3227	0	S - R	2266	0
X - U	3228	0	R-P	1587	0

Non-Gravity

/RL

/40

/-

Tens. Comp.

0 - 2084

0 - 1566

- 2084

-888

0 - 2084

/Rw /U

Min Reg = 1.5 (Truss)

Chords

G-H

H - I

I-J

Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

# Maximum Web Forces Per Ply (lbs)

vvebs	rens.Comp.	webs	Tens. Comp.
A -AB	0 - 1772	G-R	0 - 389
A -AA	1546 0	R - I	896 0
B -AA	0 - 989	I-P	0 - 1051
B - Z	2445 0	P - J	1567 0
Z - C	0 - 1257	P-0	925 0
C - U	1889 0	J-0	0 - 1700
D - U	0 - 457	O - K	1700 0
U - T	2897 0	K - N	0 - 1603
Ų-F	3173 0	N - L	1613 0
T-F	0 - 1752	L - M	0 - 1751



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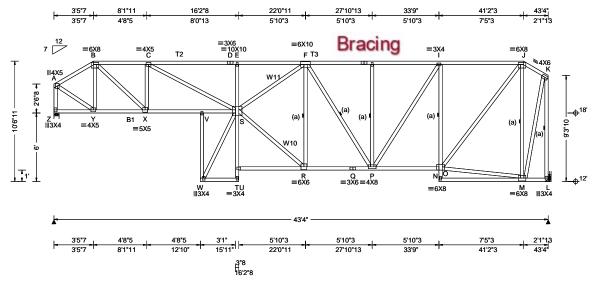
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SEQN: 105882 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T113 FROM: DrwNo: 205.24.1459.54797 Qty: 1 Logan Jack Truss Label: B09 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Ι.
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.287 W 999 240	) [
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.596 W 872 180	) :
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.098 M	H
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.204 M	١
NCBCLL: 10.00	Mean Height: 23.92 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	13
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.639	1!
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.606	П
Spacing: 24.0 "	C&C Dist a: 4.33 ft	Rep Fac: Yes	Max Web CSI: 0.831	H
' "	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)		T;
	GCpi: 0.18	Plate Type(s):		13
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	1:
<del></del>				- 1

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Top chord: 2x4 SP #2; T2,T3 2x4 SP M-31; Bot chord: 2x4 SP #2; B1 2x4 SP M-31; Webs: 2x4 SP #3; W10,W11 2x4 SP #2;

(a) Continuous lateral restraint equally spaced on

# **Plating Notes**

All plates are 2X4 except as noted.

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

# Wind

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

ow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	▲ Maximum Reactions (lbs)			
NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gravity			
NA Ce: NA	VERT(LL): 0.287 W 999 240	Loc R+ /R- /Rh /Rw /U /R	Ł		
NA Cs: NA	VERT(CL): 0.596 W 872 180	Z 1802 /- /- /887 /- /56	ñ		
ow Duration: NA	HORZ(LL): 0.098 M	L 1802 /- /- /922 /- /-			
	HORZ(TL): 0.204 M	Wind reactions based on MWFRS			
Iding Code:	Creep Factor: 2.0	Z Brg Wid = 5.5 Min Req = 1.5 (Truss)			
C 8th Ed. 2023 Res.	Max TC CSI: 0.639	L Brg Wid = - Min Req = -			
Std: 2014	Max BC CSI: 0.606	Bearing Z is a rigid surface.			
p Fac: Yes	Max Web CSI: 0.831	Members not listed have forces less than 375#	ŧ		
	INIAX WED COI. 0.001	Maximum Top Chord Forces Per Ply (lbs)			
/RT:20(0)/10(0)		Chords Tens.Comp. Chords Tens. Con	np.		
te Type(s):		A D 0 4007 F O 0 44	050		
	\/IE\// \/ar: 23 02 01 \\ 120/ 18	IA-B 0-1627 F-G 0-19	505		

A - B	0 - 1627	F-G	0	- 1953
B-C	0 - 2835	G-H	0	- 1953
C - D	0 -4319	H - I	0	- 1953
D-E	0 - 4319	I - J	0	- 1486
E-F	0 -4307	J - K	0	- 463

Maximum Bot Chord Forces Per Ply (IDS)								
Chords	Tens.Co	mp.	Chords	Tens. Co	omp.			
 Y - X	1362	0	R - Q	2132	0			
X - V	2916	0	Q-P	2132	0			

Onlords	rens.comp.		Onlorus	rens. comp.	
Y - X	1362	0	R - Q	2132	0
X - V	2916	0	Q - P	2132	0
V - S	2919	0	P - N	1507	0

Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp.						
Webs	rens.c	omp.	Webs	rens.	Comp.	
A - Z	0	- 1767	S-F	2694	0	
A - Y	1612	0	R-F	0	- 1641	
B - Y	0	- 820	P - I	840	0	
B - X	2017	0	I - N	0	- 1164	
X - C	0	- 1203	N - J	1762	0	
C-S	1596	0	M - J	0	- 1509	
E-S	0	- 441	M - K	1636	0	
S - R	2717	0	K-L	0	- 1810	



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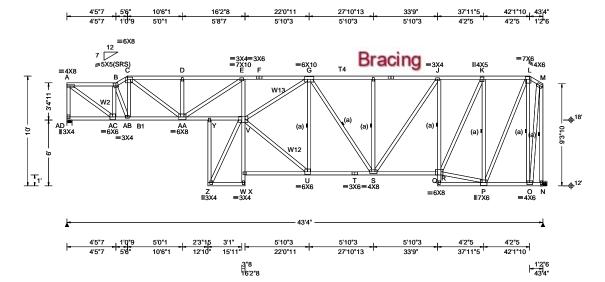
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SEQN: 33976 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T45 FROM: DrwNo: 205.24.1459.57983 Qty: 1 Logan Jack Truss Label: B10 AK / WHK 07/23/2024



Loading Criteria (psf) Wind Criteria		Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria		
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#		
1.0220.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.361 Z 999 240		
DCLL. 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.751 Z 692 180		
10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.119 O		
Dec 1 4: 40 00	EXP: C Kzt: NA Mean Height: 24.88 ft		HORZ(TL): 0.247 O		
NODOLL, 40 00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0		
0.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.756		
	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.654		
Spacing: 24.0 "	C&C Dist a: 4.33 ft	Rep Fac: Yes	Max Web CSI: 0.846		
	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)			
	GCpi: 0.18	Plate Type(s):			
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18		

# Lumber

Top chord: 2x4 SP #2; T4 2x4 SP M-31; Bot chord: 2x4 SP #2; B1 2x4 SP M-31; Webs: 2x4 SP #3; W2,W12,W13 2x4 SP #2;

(a) Continuous lateral restraint equally spaced on member

# **Plating Notes**

All plates are 2X4 except as noted.

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

# Wind

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

# Deflection

Max JT VERT DEFL: LL: 0.36" DL: 0.39". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

וכ	Loc	R+	/ R-	/ Rh	/ Rw	/ υ	/ RL	
)	N	1802 1799	/-	/- /-	/912 /927	/- /-	/19 /-	
					MWFRS			
	AD	Brg V	/id = 5.5	5 Min	Req = 1.5	5 (Trus	s)	
	N	Brg W	/id = -	Min	Req = -			
	Bear	ring A	D is a ri	gid surf	ace.			
	Men	bers	not liste	d have	forces less	s than 3	375#	
	Maximum Top Chord Forces Per Ply (lbs)							
						• •	•	
	Cho	rds T	ens.Co	mp.	Chords	Tens.	Comp.	
	Cho			mp. 2197	Chords G - H	Tens. 0	- 2084	
		3	0 -2	_			- 2084	
	A - E	3	0 -2 0 -2	2197	G-H	0	- 2084	
	A - E B - C	3	0 -2 0 -2 0 -3	2197 2727	G-H H-I	0	- 2084 - 2084	
	A - E B - C C - E	3 ) )	0 -2 0 -2 0 -3	2197 2727 3947 3947	G - H H - I I - J	0 0 0	- 2084 - 2084 - 2084	

Non-Gravity

▲ Maximum Reactions (lbs)

Gravity

F-G

Maximum Bot Chord Forces Per Ply (lbs)							
Chords	Tens.Co	mp.	Chords	Tens.	Comp.		
AC-AB	2344	0	U - T	2270	0		

0 AR-AA 2356 0 T-S 2270 0 4732 0 S - Q 1587 0 Y - V

# Maximum Web Forces Per Ply (lbs)

0 - 4719

Webs	Tens.Comp.	Webs	Tens.	Comp.
A -AD	0 - 1757	S-J	895	0
A -AC	2726 0	J - Q	0	- 1051
AC-B	0 - 1567	Q - K	1568	0
C -AA	1978 0	Q - P	925	0
AA- E	0 - 952	K - P	0	- 1699
V - U	2809 0	P-L	1700	0
V - G	2920 0	L-0	0	- 1603
U - G	0 - 1658	O - M	1613	0
H - S	0 -380	M - N	0	- 1751



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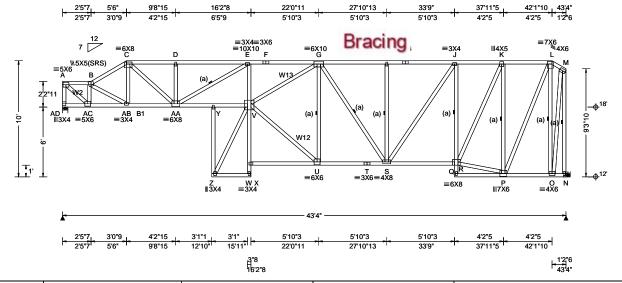
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.349 Z 999 240
DCLL. 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.726 Z 716 180
DCDL. 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.121 O
Dec I d: 40 00	EXP: C Kzt: NA		HORZ(TL): 0.252 O
NCBCLL: 10.00	Mean Height: 24.93 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.836
	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.630
Spacing: 24.0 "	C&C Dist a: 4.33 ft	Rep Fac: Yes	Max Web CSI: 0.846
. •	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18

Top chord: 2x4 SP #2; T4 2x4 SP M-31; Bot chord: 2x4 SP #2; B1 2x4 SP M-31; Webs: 2x4 SP #3; W2 2x4 SP M-31; W12, W13 2x4 SP #2;

# **Bracing**

(a) Continuous lateral restraint equally spaced on member

# **Plating Notes**

All plates are 2X4 except as noted.

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

# Deflection

Max JT VERT DEFL: LL: 0.35" DL: 0.38". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

### ▲ Maximum Reactions (lbs) Gravity

C-D

D-E

E-F

	Gravity		No	on-Grav	vity □
Loc R	+ /R-	/ Rh	/ Rw	/ U	/ RL
AD 180	01 /-	/-	/945	/-	/50
N 179	98 /-	/-	/933	/-	/-
Wind re	eactions b	ased on	MWFRS		
AD Bro	Wid = 5	.5 Min	Req = 1.5	(Trus	s)
N Bro	y Wid = -	Min	Req = -		
Bearing	AD is a	rigid surfa	ace.		
Membe	rs not list	ed have	forces les	s than 3	375#
Maxim	um Top (	Chord Fo	orces Per	Ply (lb	s)
Chords	Tens.Co	omp.	Chords	Tens.	Comp.
A - B	0 -	1906	G-H	0	- 2082
B-C	-	2765	H-I	ŏ	- 2082

### F-G 0 - 4814Maximum Bot Chord Forces Per Ply (lbs)

0 - 3744

0 - 3743

0 - 4814

	Tens.Co		Chords	Tens. Comp.	
AC-AB	2158	0	U - T	2268	0
AB-AA	2354	Ō	T-S	2268	Ō
AA- Y	4830	0	S-Q	1586	0
V V	1000	^			

I - J

J - K

K-L

0 - 2082

0 - 1565

0 - 887

# Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens.	Comp.
A -AD	0 - 1766	S-J	894	0
A -AC	2547 0	J - Q	0	- 1050
AC-B	0 - 1682	Q-K	1566	0
C -AA	1842 0	Q-P	925	0
AA- E	0 - 1268	K-P	0	- 1698
E-V	375 0	P-L	1699	0
V - U	2770 0	L-0	0	- 1602
V - G	3008 0	O - M	1612	0
U - G	0 - 1658	M - N	0	- 1750
H - S	0 - 381			



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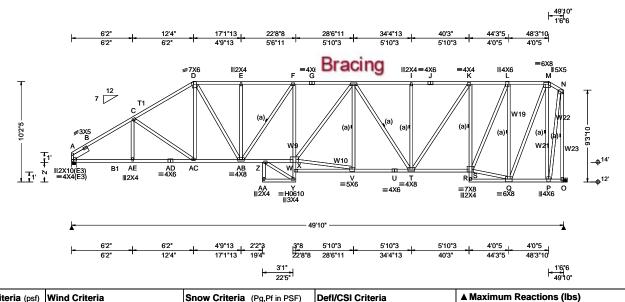
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SEQN: 33965 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T50 FROM: DrwNo: 205.24.1500.05203 Qty: 1 Logan Jack Truss Label: B12 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.259 Y 999 240
DCLL. 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.539 Y 999 180
DCDL. 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.094 P
Dec I d: 40 00	EXP: C Kzt: NA		HORZ(TL): 0.195 P
NCBCLL: 10.00	Mean Height: 22.49 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.610
	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.738
	C&C Dist a: 4.98 ft	Rep Fac: Yes	Max Web CSI: 0.736
	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 23.02.01A.1204.18

# Lumber

Top chord: 2x4 SP #2; T1 2x4 SP M-31; Bot chord: 2x4 SP #2; B1 2x4 SP M-31;

Webs: 2x4 SP #3; W9 2x4 SP #2; W10,W19,W21,W22,

Lt Slider: 2x6 SP 2400f-2.0E; block length = 1.972'

# **Bracing**

(a) Continuous lateral restraint equally spaced on member.

# **Plating Notes**

All plates are 3X4 except as noted.

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

# **Additional Notes**

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below. Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

/-/1016 /-2072 Wind reactions based on MWFRS Brg Wid = 5.5 Min Reg = 1.7 (Truss) Brg Wid = -Min Req = -

/Rh

Non-Gravity

/RL

/201

/Rw /U

/1085 /-

Bearing A is a rigid surface.

Gravity

Loc R+

2072 /-

Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens.	Comp.
A - B	2 - 3267	H-I	0	- 2506
B-C	0 - 3181	I-J	ō	- 2506
C - D	0 - 2943	J - K	0	- 2506
D - E	0 - 2966	K-L	0	- 1823
E-F	0 - 2966	L - M	0	- 1043
F-G	0 - 3257	M - N	0	- 377
G-H	0 - 3257			

# Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.	
A -AE	2616	- 111	Z-W	3027	0
AE-AD	2613	- 111	X - V	464	0
AD-AC	2613	- 111	V - U	2866	0
AC-AB	2468	0	U - T	2866	0
AB- Z	3261	0	T-R	1848	0

# Maximum Web Forces Per Ply (lbs)

webs	rens.c	omp.	vvebs	i ens.	Comp.
D -AB	954	0	R-L	1907	0
AB- F	0	- 534	R-Q	1092	0
W - V	2441	0	L-Q	0	- 2004
W - H	638	- 54	Q - M	1933	0
H - T	0	- 655	M - P	0	- 1801
I - T	0	- 378	P - N	1870	0
T - K	1203	0	N - O	0	- 2053
K - R	0	- 1313			



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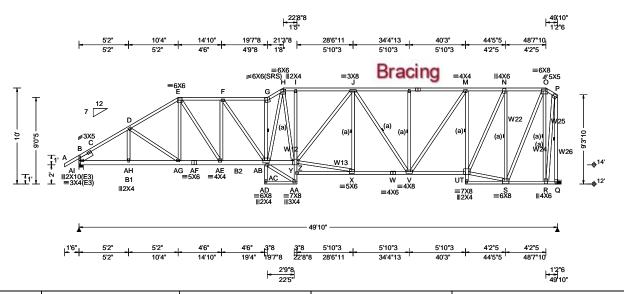
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SEQN: 33960 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T51 FROM: DrwNo: 205.24.1500.09020 Qty: 1 Logan Jack Truss Label: B13 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.297 G 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.614 G 974 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.074 R
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 22.05 ft		HORZ(TL): 0.153 R
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.671
l	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.738
Spacing: 24.0 "	C&C Dist a: 4.98 ft	Rep Fac: Yes	Max Web CSI: 0.755
	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18

that point).

# Lumber

Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; B1,B2 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3; W12,W13,W22,W24,W25,

Lt Slider: 2x6 SP 2400f-2.0E; block length = 1.556'

# **Bracing**

(a) Continuous lateral restraint equally spaced on member.

# **Plating Notes**

All plates are 3X4 except as noted.

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

# **Additional Notes**

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below. Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at

### ▲ Maximum Reactions (lbs) Gravity

	U	ιανιιγ		110	ni-Olav	ıty
Loc	: R+	/ R-	/ Rh	/Rw	/ U	/ RL
ΑI	2175	/-	/-	/1295	/-	/213
Q	2068	/-	/-	/1088	/-	/-
Wir	nd read	tions bas	sed on M	WFRS		
ΑI	Brg W	/id = 5.5	Min Re	eq = 1.8	(Truss	)
١٨	Bra W	/id	Min Pa	n	•	

Non-Gravity

Bearing AI is a rigid surface.

Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

Cnoras	rens.Comp.	Choras	rens. Comp.
B-C	456 - 3204	I - J	180 - 3389
C - D	455 - 3148	J - K	0 - 2559
D - E	478 - 3056	K-L	0 - 2559
E-F	462 - 3239	L - M	0 - 2559
F-G	300 - 3662	M - N	0 - 1863
G - H	393 - 4287	N - O	0 - 1037

# Maximum Bot Chord Forces Per Ply (lbs)

182 - 3393

Choras	rens.c	omp.	Cnords	rens. (	Jomp.
B -AH	2613	- 588	AB- Y	3111	- 229
AH-AG	2608	- 588	Z - X	444	0
AG-AF	2575	- 479	X - W	2927	0
AF-AE	2575	- 479	W - V	2927	0
AE-AC	3277	- 474	V - T	1888	0
AC-AB	3331	- 202			

# Maximum Web Forces Per Ply (lbs)

webs	Tens.Comp.	Webs	I ens.	Comp.
E -AE	1211 -4	K-V	0	- 375
AE- F	42 - 884	V - M	1207	- 12
F-AC	686 0	M - T	0	- 1313
AC- G	345 - 2265	T - N	1913	0
AC- H	1643 - 504	T - S	1082	0
H - Y	395 0	N - S	0	- 2009
Y - X	2534 0	S-O	1983	0
Y - J	738 - 348	0 - R	0	- 1855
X - J	58 - 411	R-P	1891	0
J-V	168 - 660	P - Q	0	- 2037



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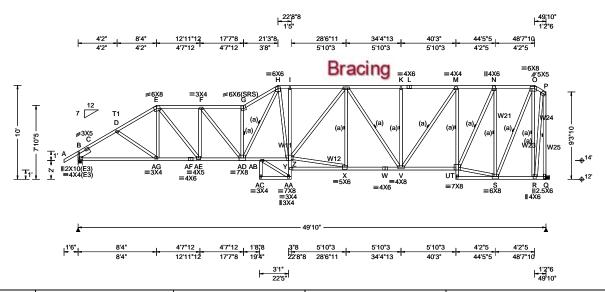
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SEQN: 33952 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T53 FROM: DrwNo: 205.24.1500.12390 Qty: 1 Logan Jack Truss Label: B14 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.379 G 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.783 G 763 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.109 R
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 18.06 ft		HORZ(TL): 0.226 R
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.653
Load Duration: 1.25	MWFRS Parallel Dist: > 2h	TPI Std: 2014	Max BC CSI: 0.893
Spacing: 24.0 "	C&C Dist a: 4.98 ft	Rep Fac: Yes	Max Web CSI: 0.843
	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18

# Lumber

Top chord: 2x4 SP #2; T1 2x4 SP M-31;

Bot chord: 2x4 SP #2:

Webs: 2x4 SP #3; W11 2x4 SP #2; W12,W21,W23,W24,

Lt Slider: 2x6 SP 2400f-2.0E; block length = 1.500'

# **Bracing**

(a) Continuous lateral restraint equally spaced on member.

# **Plating Notes**

All plates are 2X4 except as noted.

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

# **Additional Notes**

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below. Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

### ▲ Maximum Reactions (lbs) Gravity

Loc R+

E-F

F-G

G-H

	В	2175	5 /-	/-	/1275	/185	/205	
	Q	2070	) /-	/-	/1057	/324	/-	
	Wir	nd rea	actions	based o	n MWFRS			
	В	Brg	Wid =	5.5 M	in Req = $2.6$	(Trus	s)	
	Q	Brg	Wid =	- M	in Req = -			
	Bea	aring I	Bisar	igid surf	ace.			
	Me	mbers	s not lis	sted hav	e forces less	s than 3	375#	
	Ma	ximu	m Top	Chord	Forces Per	Ply (lb	s)	
	Cho	ords	Tens.0	Comp.	Chords	Tens.	Comp.	
_	R.	С	1221	- 3272	I - J	1482	- 3352	
					J - K	1074	- 2559	
	D-			- 3055	K-L	1074		

L-M

M - N

N - O

/Rh

Non-Gravity

/RL

1074 - 2559

450 - 1037

772 - 1863

/Rw /U

# Maximum Bot Chord Forces Per Ply (lbs)

1519 - 3556

1766 - 4214

2144 - 5006

1481 - 3354

Chords	Tens.Comp.	Chords	Tens. Comp.	
B -AG AG-AF	2488 - 1177 2610 - 1170	AB- Y 7 - X	3084 - 1316 436 - 220	
AF-AE	2610 - 1170	X - W	2927 - 1248	
AE-AD AD-AB	3612 - 1614 3303 - 1432	W - V V - T	2927 - 1248 1888 - 753	

# Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens.	Comp.
E -AE	1503 - 661	V - M	1206	- 533
AE- F	534 - 1068	M - T	619	- 1313
F-AD	977 - 356	T - N	1913	- 780
AD- G	1234 - 2718	T-S	1083	- 435
AD- H	2212 - 977	N - S	896	- 2009
H - Y	536 - 148	S-O	1983	- 800
Y - X	2535 - 1044	R - P	1893	- 772
Y - J	684 - 331	O - R	817	- 1857
J - V	364 - 660	P - Q	823	- 2039
K-V	226 - 375			



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\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

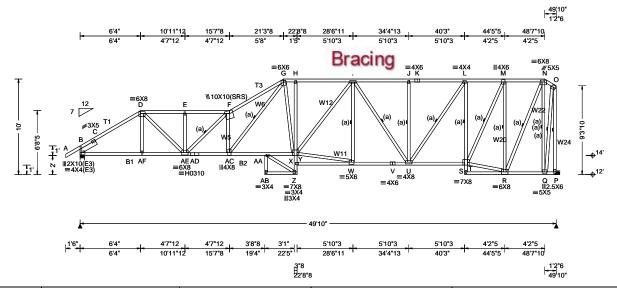
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SEQN: 33946 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T59 FROM: DrwNo: 205.24.1500.16720 Qty: 1 Logan Jack Truss Label: B15 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.400 F 999 240
DCLL. 0.00		Lu: NA Cs: NA	VERT(CL): 0.828 F 722 180
DCDL. 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.101 Q
Dec I d: 40 00	EXP: C Kzt: NA		HORZ(TL): 0.209 Q
NCBCLL: 10.00	Mean Height: 18.06 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.761
	MWFRS Parallel Dist: > 2h	TPI Std: 2014	Max BC CSI: 0.735
Spacing: 24.0 "	C&C Dist a: 4.98 ft	Rep Fac: Yes	Max Web CSI: 0.793
_	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 23.02.01A.1204.18

# Lumber

Top chord: 2x4 SP #2; T1,T3 2x4 SP M-31; Bot chord: 2x4 SP #2; B1,B2 2x4 SP M-31; Webs: 2x4 SP #3; W5,W11,W12,W20,W22, W24 2x4 SP M-31; W6 2x4 SP #2 Lt Slider: 2x6 SP 2400f-2.0E; block length = 2.020'

# **Bracing**

(a) Continuous lateral restraint equally spaced on member.

# **Plating Notes**

All plates are 2X4 except as noted.

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

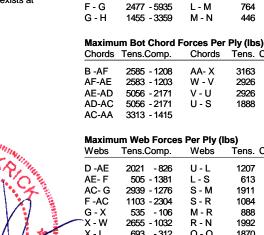
Wind loading based on both gable and hip roof types.

# **Additional Notes**

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Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

COA #0278 ONAL



▲ Maximum Reactions (lbs) Gravity

/Rh

/-Wind reactions based on MWFRS Brg Wid = 5.5

Loc R+

2175 /-

Brg Wid = -

Chords Tens.Comp.

Bearing B is a rigid surface.

1220 - 3240

1231 - 3155

1686 - 4053

1686 - 4053

2070

В

В

B - C

C-D

D-E

E-F

Non-Gravity

Tens. Comp.

- 2559

- 2559

- 2559

1456

1065

1065

1065

764 - 1863

446 - 1038

2926

1888

Tens. Comp.

3163 - 1300

2926 - 1234

- 1234

- 744

/Rw /U

/1268 /184 /1064 /325

Min Reg = 1.8 (Truss)

Min Req = -

Chords

J-K

K-L

L-M

M - N

Chords

AA-X

W-V

V - U

U-S

Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

Maximum Web Forces Fer Fry (lbs)									
Webs	Tens.Comp.	Webs	Tens.	Comp.					
D -AE	2021 - 826	U-L	1207	- 527					
AE- F	505 - 1381	L-S	613	- 1312					
AC- G	2939 - 1276	S - M	1911	- 773					
F-AC	1103 - 2304	S - R	1084	- 431					
G - X	535 - 106	M - R	888	- 2012					
`X - W	2655 - 1032	R - N	1992	- 795					
X - I	693 - 312	Q-0	1870	- 756					
W - I	262 - 380	N - Q	809	- 1854					
I - U	357 - 659	O - P	810	- 2025					
J-U	226 - 375								

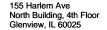
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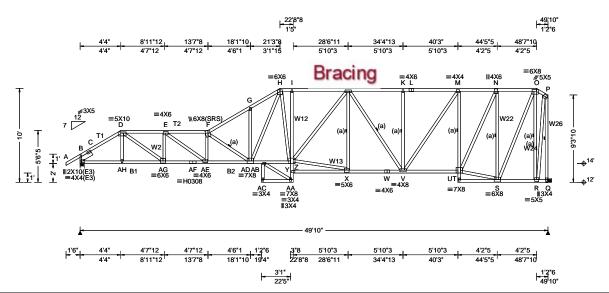
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Loading C	riteria (psf)	Wind Criteria	<b>Snow Cri</b>	<b>teria</b> (Pg	,Pf in PSF)	Defl/CSI Cr	iteria		
TCLL: 2	20.00	Wind Std: ASCE 7-22	Pg: NA	Ct: NA	CAT: NA	PP Deflection	on in loc	L/defl	L/#
TCDL:			Pf: NA		Ce: NA	VERT(LL):	0.450 G	999	240
BCLL:	0.00	Enclosure: Closed	Lu: NA	Cs: NA		VERT(CL):	0.930 G	643	180
BCDL:		Risk Category: II	Snow Dur	ation: NA		HORZ(LL):	0.112 R	-	-
Des Ld: 4	40 OO	EXP: C Kzt: NA				HORZ(TL):	0.233 R	-	-
NCBCLL:	40.00	Mean Height: 21.67 ft TCDL: 5.0 psf	<b>Building C</b>	ode:		Creep Facto	or: 2.0		
Soffit:	0.00	BCDL: 5.0 psf	FBC 8th E	d. 2023 I	Res.	Max TC CS	l: 0.637		
Load Durat		MWFRS Parallel Dist: h to 2h	TPI Std:	2014		Max BC CS	l: 0.739		
Spacing: 2			Rep Fac:	Yes		Max Web C	SI: 0.791		
' '		Loc. from endwall: not in 13.00 ft	FT/RT:20	(0)/10(0)					
			Plate Type						
		Wind Duration: 1.60	WAVE, H	S		VIEW Ver: 2	23.02.01A	1204.	18

Top chord: 2x4 SP #2; T1,T2 2x4 SP M-31; Bot chord: 2x4 SP #2; B1,B2 2x4 SP M-31; Webs: 2x4 SP #3; W2,W12 2x4 SP #2; W13,W22,W24,

Lt Slider: 2x6 SP 2400f-2.0E; block length = 1.500'

# **Bracing**

(a) Continuous lateral restraint equally spaced on member.

# **Plating Notes**

All plates are 2X4 except as noted.

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

# **Additional Notes**

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

### ▲ Maximum Reactions (lbs) Gravity

Gravity				Non-Gravity			
Loc	R+	/ R-	/ Rh	/ Rw	/U	/ RL	
В	2175	/-	/-	/1273	/_	/212	
Q	2068	/-	/-	/1103	/_	/-	
Wi	nd reac	tions b	ased on N	<b>IWFRS</b>			
В	Brg V	Vid = 5	.5 Min F	Req = 1.8 (	Trus	ss)	
Q	Brg V	Vid = -	Min F	Req = -			

Bearing B is a rigid surface.

Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

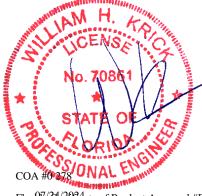
Cnoras	rens.comp.	Cnoras	i ens.	Comp.
B-C	531 - 3209	I - J	87	- 3356
C - D	497 - 3069	J - K	0	- 2559
D-E	674 - 4674	K-L	0	- 2559
E-F	602 - 6251	L - M	0	- 2559
F-G	242 - 4800	M - N	0	- 1863
G-H	362 - 4796	N - O	0	- 1037
H-I	88 - 3358			

# Maximum Bot Chord Forces Per Ply (lbs)

Choras	rens.c	omp.	Cnords	rens. (	Jomp.
B -AH	2476	- 627	AB- Y	3084	- 118
AH-AG	2470	- 623	Z - X	433	0
AG-AF	4805	- 859	X - W	2927	0
AF-AE	4805	- 859	W - V	2927	0
AE-AD	6344	- 767	V - T	1888	0
AD-AB	3301	- 111			

# Maximum Web Forces Per Ply (lbs)

vvebs	rens.Comp.		webs	i ens.	Comp.
D -AG	2711 -2	269	K - V	0	- 375
AG- E	199 - 14	165	V - M	1207	0
E -AE	1824	0	M - T	0	- 1312
AE- F	0 - 10	)35	T - N	1911	0
F-AD	567 - 27	768	T - S	1083	0
AD- H	2076 - 5	12	N - S	0	- 2011
Y - X	2539	0	S-0	1992	0
Y - J	690 - 2	292	0 - R	0	- 1852
X - J	41 -3	377	R - P	1868	0
J - V	136 -6	60	P - Q	0	- 2023



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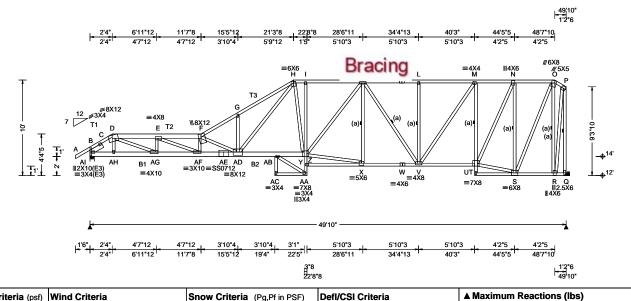
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Loading Criteria (ps	) Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.499 G 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 1.033 G 579 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.096 R
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 21.09 ft		HORZ(TL): 0.198 R
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.729
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.808
Spacing: 24.0 "	C&C Dist a: 4.98 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.880
	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE, 18SS	VIEW Ver: 23.02.01A.1204.18

Top chord: 2x4 SP #2; T1,T3 2x4 SP M-31; T2 2x6 SP 2400f-2.0E;

Bot chord: 2x4 SP #2; B1,B2 2x6 SP 2400f-2.0E; Webs: 2x4 SP M-31;

Lt Slider: 2x6 SP 2400f-2.0E; block length = 1.500'

# **Bracing**

(a) Continuous lateral restraint equally spaced on member.

# **Special Loads**

-----(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From BC: From 63 plf at 5 plf at 63 plf at 5 plf at -1.50 to 49 83 -1.50 to 0.00 BC: From 20 plf at 0.00 to 20 plf at 49.83 10 lb Conc. Load at 2.33 16 lb Conc. Load at 2.33

# **Plating Notes**

All plates are 2X4 except as noted.

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

# Wind

Wind loads and reactions based on MWFRS. Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

# **Additional Notes**

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

Q Brg Wid = -Bearing AI is a rigid surface.

Loc R+

2200 /-

AI Brg Wid = 5.5

2069

Gravity

### Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

Min Req = -

/Rh

/-

Wind reactions based on MWFRS

Non-Gravity

/450

/RL

/-/409

/Rw /U

Min Reg = 1.8 (Truss)

0	. oo.o.	00.00		O Up.
B-C	584 - 2983	I - J	665	- 3383
C - D	563 - 2922	J - K	506	- 2561
D-E	1239 - 6326	K-L	506	- 2561
E-F	1797 - 9163	L - M	506	- 2561
F-G	1220 - 6142	M - N	371	- 1864
G - H	1238 - 6181	N - O	204	- 1038
H - I	665 - 3387			

# Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. (	Comp.
B -AH	2358 - 454	AD-AB	3340	- 662
AH-AG	2334 - 444	AB- Y	3180	- 605
AG-AF	6569 - 1297	X - W	2929	- 579
AF-AE	9342 - 1839	W - V	2929	- 579
AE-AD	9342 - 1839	V - T	1890	- 378

# Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
D -AG	4343 - 865	L-V	157 - 376
AG- E	389 - 1613	V - M	1208 - 231
E-AF	2846 - 548	M - T	324 - 1315
AF- F	284 - 1203	T - N	1913 - 384
F-AD	898 - 4567	T - S	1080 - 211
AD- H	3154 - 613	N - S	461 - 2010
Y - X	2641 - 480	S-O	1988 - 391
Y - J	729 - 141	O - R	412 - 1856
X - J	161 - 405	R - P	1883 - 371
J - V	132 - 660	P - Q	398 - 2032



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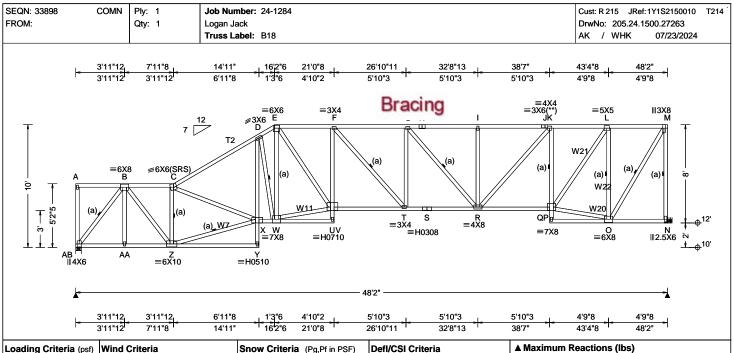
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Loading Criteria (psf)   Wind Criteria		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria		
	TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#		
	TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.294 F 999 240		
	BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.612 F 944 180		
	BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.143 O		
	Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 17.60 ft		HORZ(TL): 0.298 O		
	NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0		
	Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.632		
	l	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.897		
	Spacing: 24.0 "	C&C Dist a: 4.82 ft	Rep Fac: Yes	Max Web CSI: 0.823		
		Loc. from endwall: not in 13.00 ft				
		GCpi: 0.18	Plate Type(s):			
		Wind Duration: 1.60	WAVE, HS	VIEW Ver: 23.02.01A.1204.18		
	Lumber		Deflection			

Top chord: 2x4 SP #2; T2 2x4 SP M-31; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; W7,W11 2x4 SP #2; W20,W21, W22 2x4 SP M-31;

# **Bracing**

(a) Continuous lateral restraint equally spaced on member

# **Plating Notes**

All plates are 2X4 except as noted.

(\*\*) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

# Wind

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

# **Additional Notes**

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Max JT VERT DEFL: LL: 0.29" DL: 0.32". See detail

# Maximum Bot Chord Forces Per Ply (lbs)

/Rh

/-

Wind reactions based on MWFRS

Bearing AB is a rigid surface.

971 - 2716

1399 - 3668

1388 - 3317

1515 - 3627

1431 - 3578

1211 - 3165

Gravity

AB Brg Wid = 5.5

Chords Tens.Comp.

N Brg Wid = -

Loc R+

N 2003

B - C

C-D

D-E

E-F

F-G

G-H

AB 2003 /-

Chords Tens.Comp.		Chords	Tens. Comp.
AB-AA	1512 - 766	T-S	3573 - 1431
AA-Z	1512 - 766	S - R	3573 - 1431
X - W	3089 - 1313	R-P	2365 - 888
U - T	3641 - 1522		

Non-Gravity

/RL

/128

/-

Tens. Comp.

1211

1211 - 3165

1211 - 3165

876 - 2336

442 - 1141

- 3165

/Rw /U

/1085 /158

/1036 /340

Min Reg = 2.4 (Truss)

Min Req =

Chords

I-J

J - K

K-L

L - M

Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

# Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
AB- B	896 - 2400	G-R	339 - 631
B - Z	1953 - 659	R-K	1220 - 496
Z - C	959 - 2264	K - P	559 - 1244
Z - X	2875 - 1249	P-L	2038 - 781
X - D	1063 - 419	P-0	1188 - 459
D - W	627 - 1313	L-0	882 - 2009
E - W	412 - 181	O - M	2161 - 837
E - U	1404 - 580	M - N	813 - 1963
W - U	2845 - 1191		



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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 33888 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T216 FROM: DrwNo: 205.24.1500.46230 Qty: 1 Logan Jack Truss Label: B19 AK / WHK 07/23/2024 7'6"5 14'11" 16¦2"6 21'0"8 26'10"11 38'7' 43'4"8 5'10"3 4'10"2 Bracing 4'9"8 7'6"5 7'4"11 1'3"6 5'10"3 4'9"8 ≡6X6 ■3X6 E D ≡3X4 =5X6 **∥4**X6 **∥3X8** w (a) I (a) (a) 107 -ф<sup>12'</sup> Ne Q ≡3X4 U 1 ≡7X8 RS ≡H0710 **≡7X8** B5 M L ∥3X4 =6X8 ŧ B1 W É6X6(B2) =H0510 =3X10 48'2"

5'10"3

26'10"11

5'10"3

32'8"13

5'10"3

38'7'

4'9"8

43'4"8

4'9"8

48'2"

Non-Gravity

/RL

/270

/-

Tens. Comp.

0 - 3152

/Rw /U

/1511 /-

/1486 /-

Min Reg = 1.7 (Truss)

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 4.82 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes	PP Deflection in loc L/defl L/# VERT(LL): 0.287 F 999 240 VERT(CL): 0.594 F 971 180 HORZ(LL): 0.147 M HORZ(TL): 0.304 M Creep Factor: 2.0 Max TC CSI: 0.415 Max BC CSI: 0.895 Max Web CSI: 0.821  VIEW Ver: 23.02.01A.1204.18	Gravity No Loc R+ /R- /Rh /Rw  B 2108 /- /- /1511 L 1997 /- /- /1486 Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.7 L Brg Wid = - Min Req = - Bearing B is a rigid surface. Members not listed have forces less Maximum Top Chord Forces Per I Chords Tens.Comp. Chords  B - C 0 - 3325 G - H
Louis	Willia Daration. 1.60	WAVE, HS	VIEW Vel. 23.02.01A.1204.18	C-D 0-3655 H-I

1'3"6

16'2"6

4'10"2

21'0"8

7'4"11

14'11'

Lumber
--------

Top chord: 2x4 SP M-31; Bot chord: 2x4 SP #2; B1,B5 2x4 SP M-31; Webs: 2x4 SP #3; W1,W2,W3,W4,W7,W11 2x4 SP #2;

7'6"5

7'6"5

Lt Wedge: 2x4 SP #3;

# **Bracing**

(a) Continuous lateral restraint equally spaced on member

# **Plating Notes**

All plates are 2X4 except as noted.

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

# **Additional Notes**

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below. D-E 0 - 3294 I - J 0 - 2324 E-F 0 - 3606 J - K 0 -1138 F-G 0 - 3559

Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.	
B-W	2752	- 22	Q-P	3554	0
U - T	3064	0	P - N	2355	0
R - Q	3619	0			

Maximum Web Forces Per Ply (lbs) Webs Tens Comp

AA GD2	rens.comp.		MEDS	i elis.	rens. Comp.	
C - W	82	- 719	G-P	0	- 621	
C - U	397	0	P-I	1216	0	
W - U	2824	- 26	I - N	0	- 1237	
U - D	1048	- 58	N - J	2024	0	
D - T	316	- 1297	N - M	1174	0	
E - T	403	- 334	J - M	0	- 2000	
E - R	1403	0	M - K	2155	0	
T - R	2825	0	K-L	0	- 1958	



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SEQN: 34445 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T180 FROM: Qty: 1 DrwNo: 205.24.1500.48223 Logan Jack Truss Label: B20 AK / WHK 07/23/2024 16<u>'2</u>"6 1'3"6 7'6"5 21'0"8 26'10"11 32'8"13 38'7" 43'9' 48'11" 7'6"5 7'4"11 4'10"2 5'10"3 5'10"3 5'10"3 5'2" =3X6 =3X6 =7X6 ≢3X6 F E ≡4X6 H I **∥2**X4 ||3X8 ≡5X5 M G w (a) (a) ō W2 =5X6 S =5X6 B3 U В4 Q 0 Y X ≡7X8 P ≡7X8 AB O ⊪2.5X6 =7X8 ∥2X4 AA ≡3X10 €6X6(B2) ≡H0510 |||2X4 Bracing 48'11" 1'3"6 7'6"5 4'10"2 5'10"3 5'10"3 5'10"3 5'2" 5'2" 7'6"5 14'11" 162"6 21'0"8 26'10"11 32'8"13 38'7' 43'9' 48'11"

				_
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.264 G 999 240	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.545 G 999 180	E
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.119 P	A
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.246 P	٧
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	E
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.422	4
Load Duration: 1.25	MWFRS Parallel Dist: > 2h	TPI Std: 2014	Max BC CSI: 0.781	E
Spacing: 24.0 "	C&C Dist a: 4.89 ft	Rep Fac: Yes	Max Web CSI: 0.848	N
'	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)		2
	GCpi: 0.18	Plate Type(s):		ı
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 23.02.01A.1204.18	E
				. (

▲ Maxir	num Rea	ictions (l	bs)		
	Gravity		No	n-Gra	vity
Loc R+	- /R-	/ Rh	/ Rw	/ U	/ RL
B 214	0 /-	/-	/1319	/152	/261
AB 202	9 /-	/-	/1063	/329	/-
Wind re	actions b	ased on I	MWFRS		
B Brg	Wid = 5	.5 Min l	Req = 1.8	(Trus	s)
AB Brg	Wid = 9	.0 Min	Req = 1.7	(Trus	s)
Bearing	s B & AB	are a rig	id surface		
Membei	s not list	ed have f	orces less	than 3	375#
Maximu	ım Top C	Chord Fo	rces Per	Ply (lb	s)
Chords	Tens.Co	omp.	Chords	Tens.	Comp.
в-с	882 -	3385	H - I	1137	- 3341
C-D	1188 -	3736	l - J	1137	- 3341
D-E	1223 -	3698	J-K	1137	- 3341
				4407	00.44

#### Lumber

Top chord: 2x4 SP M-31; Bot chord: 2x4 SP M-31; B2 2x4 SP #2; B3, B4 2x6 SP 2400f-2.0E;

Webs: 2x4 SP #3; W1, W2, W3, W4, W7, W11 2x4 SP #2;

W17 2x4 SP M-31; Lt Wedge: 2x4 SP #3;

### Bracing

(a) Continuous lateral restraint equally spaced on

### **Plating Notes**

All plates are 3X4 except as noted.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

#### **Additional Notes**

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#### 1216 - 3372 1137 - 3341 1357 - 3704 F-G - 2511 L-M 844 435 G-H 1313 - 3731 M - N - 1239 Maximum Bot Chord Forces Per Ply (lbs) Chards Tens Comp Chords Tens Comp

Onoras	rens.comp.	Onlords	i Cilo.	Comp.
B -AA Y - X	2804 - 1006 3135 - 1148	U-T T-S		- 1314 - 1314
V - Û	3716 - 1363	S-Q		- 854

### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	webs	Tens. Comp.
C -AA	409 - 736	S-L	1211 - 429
AA- Y	2877 - 1035	L-Q	506 - 1246
Y - E	1064 - 334	Q - M	2061 - 706
E - X	527 - 1310	Q-P	1262 - 443
F-X	398 - 146	M - P	813 - 2010
F-V	1456 - 546	P - N	2226 - 782
X - V	2870 - 1042	N - O	755 - 1987
H - S	270 - 593		



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SEQN: 105884 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T203 FROM: DrwNo: 205.24.1500.50957 Qty: 1 Logan Jack Truss Label: B21 AK / WHK 07/23/2024 7'6"5 14'11" 22'9"15 29'3"12 35'9"10 42'3"7 48'11" 1'3"6 7'6"5 7'4"11 6'7"9 6'5"13 6'5"13 6'5"13 6'7"9 ∭7X6 ⊯3X6 E D =3X6 ≡4X6 G **|||2X4** ≡4X5 K =5X<sub>6</sub> W15 (a)1 (a)1 ō χM ⊪2.5X6 s R ≡H0308 N ≡5X6 \_<del>\_</del>10′ Bracing =3X10 48'11" 7'6"5 7'4"11 6'7"9 6'5"13 6'5"13 6'5"13 6'7"9 162"6 7'6"5 14'11' 22'9"15 29'3"12 35'9"10 42'3"7 48'11 ▲ Maximum Reactions (lbs) Non-Gravity Gravity

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lb	os)
TCLL: 20.00	Wind Std: ASCE 7-22	Pa: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity	Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.249 F 999 240	Loc R+ /R- /Rh	/Rw /U /RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.517 F 999 180	A 2037 /- /-	/1231 /143 /245
10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.116 N	X 2031 /- /-	/1064 /332 /-
Doc I d: 40 00	EXP: C Kzt: NA		HORZ(TL): 0.240 N	Wind reactions based on M	/WFRS
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0	A Brg Wid = 5.5 Min R	Req = 1.7 (Truss)
0-4:4	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.381	X Brg Wid = 9.0 Min R	,
Load Duration: 1.25	BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.803	Bearings A & X are a rigid s	
Spacing: 24.0 "	C&C Dist a: 4.89 ft	Rep Fac: Yes	Max Web CSI: 0.828	Members not listed have fo Maximum Top Chord Fore	
	Loc. from endwall: not in 13.00 ft			•	Chords Tens. Comp
	GCpi: 0.18	Plate Type(s):			
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 23.02.01A.1204.18		G - H 1090 - 312
				<sup>J</sup> B-C 1201-3745 ⊢	-l-l 865 -256

Lumber
--------

Top chord: 2x4 SP M-31; Bot chord: 2x4 SP #2; B1 2x4 SP M-31; Webs: 2x4 SP #3; W1,W3,W4,W5,W8 2x4 SP #2; W2,

W15 2x4 SP M-31;

Lt Wedge: 2x4 SP #3;

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

### **Plating Notes**

All plates are 3X4 except as noted.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

### Wind

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

#### **Additional Notes**

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912 - 3404 1090 B - C 1201 - 3745 H - I 865 - 2560 C-D 1238 - 3714 I-J 865 - 2560 D-E 1210 - 3376 J - K 865 - 2560 E-F 1176 - 3231 K-L 529 - 1521

F-G

### Maximum Bot Chord Forces Per Ply (lbs)

1090 - 3128

Choras	rens.comp.	Cnoras	rens. Comp.	
A - W	2824 - 1038	R - Q	3242 - 1184	
U - T	3141 - 1158	Q - P	3118 - 1088	
T - S	2885 - 1060	P - O	1584 - 556	
S - R	3242 - 1184	O - N	1584 - 556	

#### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens.	Comp.
B-W	412 - 737	H - P	350	- 879
W - U	2899 - 1069	I-P	207	- 380
U - D	1092 - 373	P - K	1536	- 534
D - T	513 - 1264	K - N	704	- 1661
E-T	1047 - 341	N - L	2363	- 822
_E - S	537 - 180	L - M	765	- 1980



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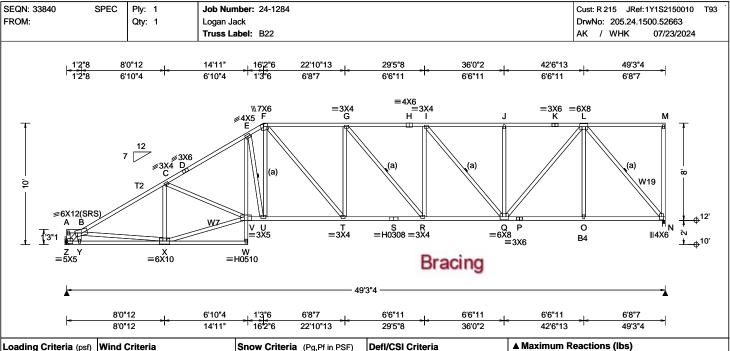
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.256 G 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.533 G 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.124 N
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.258 N
NCBCLL: 10.00	Mean Height: 17.03 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.742
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.888
Spacing: 24.0 "	C&C Dist a: 4.93 ft	Rep Fac: Yes	Max Web CSI: 0.862
' "	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 23.02.01A.1204.18

#### Lumber

Top chord: 2x4 SP #2; T2 2x4 SP M-31; Bot chord: 2x4 SP #2; B4 2x4 SP M-31; Webs: 2x4 SP #3; W7 2x4 SP #2; W19 2x4 SP M-31;

(a) Continuous lateral restraint equally spaced on member

#### **Plating Notes**

All plates are 2X4 except as noted.

#### Hangers / Ties

(J) Hanger Support Required, by others

#### **Purlins**

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

#### Wind

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

### Deflection

Max JT VERT DEFL: LL: 0.25" DL: 0.31". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

### **Additional Notes**

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#### Gravity Non-Gravity Loc R+ /R /Rh /Rw /U /RL Z 2049 /-/1351 /-/231 2049 /-/-/2076 /51 /-Wind reactions based on MWFRS Brg Wid = -Min Reg = BrgWid = 2.7Min Req = 1.7 (Truss) Bearing N is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 492 - 3418 C-D 716 - 3792 H - I 843 - 3185 D-E 745 - 3740 I - J 711 - 2608 E-F 772 - 3397 J - K - 2608 711 F-G 711 - 2608 809 - 3286 K-L

### Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.C	Comp.	Chords	Tens. (	Comp.
Z - Y	2528	- 499	S-R	3297	- 808
Y - X	2519	- 511	R-Q	3174	- 835
V - U	3177	- 705	Q-P	1589	- 422
U - T	2928	- 646	P - O	1589	- 422
T - S	3297	- 808	O - N	1589	- 422

#### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Ťens.	Comp.
Z - B	351 - 3204	F-T	950	- 266
B - X	389 -80	R-I	388	- 213
X - C	277 -802	I-Q	195	- 885
X - V	3001 - 622	Q-L	1574	- 446
C - V	589 - 118	J - Q	0	- 391
V - E	1148 - 195	L-0	549	- 223
E - U	423 - 1225	L - N	643	- 2421
F-U	1005 - 365			



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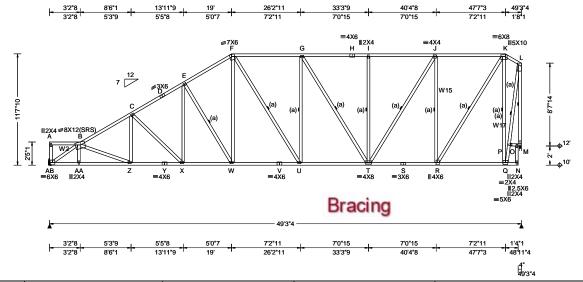
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org



Glenview, IL 60025

SEQN: 33834 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T174 FROM: DrwNo: 205.24.1500.54523 Qty: 1 Logan Jack Truss Label: B23 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.190 W 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.394 W 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.076 N
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 17.03 ft		HORZ(TL): 0.157 N
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.716
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.732
Spacing: 24.0 "	C&C Dist a: 4.93 ft	Rep Fac: Yes	Max Web CSI: 0.828
	Loc. from endwall: not in 13.00 ft		
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18

#### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Webs: 2x4 SP #3; W2,W15,W17 2x4 SP M-31;

(a) Continuous lateral restraint equally spaced on

### **Plating Notes**

All plates are 3X4 except as noted.

#### Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

#### Wind

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

### Deflection

Max JT VERT DEFL: LL: 0.19" DL: 0.21". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

### **Additional Notes**

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

Gravity Non-Gravity Loc R+ /Rh /Rw /U AB 2049 /-/1205 /130 M 2049 /-/1080 /318 /-Wind reactions based on MWFRS

AB Brg Wid = -Min Reg =

▲ Maximum Reactions (lbs)

M  $\overline{\text{Brg}}$  Wid = 2.8 Min Req = 2.4 (Truss) Bearing M is a rigid surface.

Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B-C	981 - 3332	G-H	766 - 1976
C - D	951 - 2950	H - I	766 - 1976
D-E	964 - 2848	I - J	766 - 1976
E-F	937 - 2543	J - K	536 - 1329

### Maximum Bot Chord Forces Per Ply (lbs)

902 - 2245

F-G

Chords	Tens.Comp.	Chords	Tens. (	Comp.
AB-AA	2926 - 1189	W - V	2133	- 816
AA-Z	2921 - 1192	V - U	2133	- 816
Z - Y	2809 - 1093	U - T	2246	- 864
Y - X	2809 - 1093	T - S	1367	- 510
X - W	2457 - 937	S-R	1367	- 510

#### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
AB- B	1034 - 3498	T - J	1169 - 454
C - X	218 - 482	J - R	671 - 1479
X - E	451 - 103	R - K	1926 - 706
E-W	249 - 640	K - Q	804 - 1810
F-W	677 - 153	Q-P	1924 - 734
G - T	266 - 517	P-L	1917 - 741
<u> Т</u> -Т	234 - 415	L - M	756 - 2035



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\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

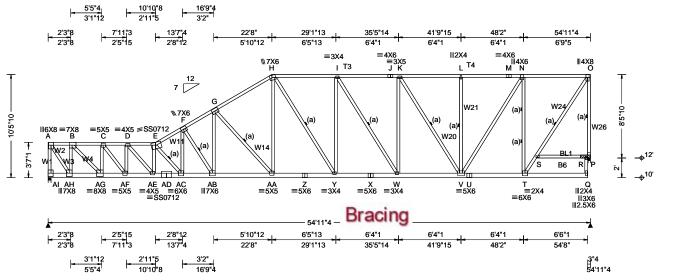
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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 continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR 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 Detailis, 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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SEQN: 33860 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T56 FROM: DrwNo: 205.24.1501.14370 Qty: 1 Logan Jack Page 1 of 2 Truss Label: B24 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.427 AC 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.875 AC 753 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.117 A
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 17.03 ft		HORZ(TL): 0.241 A
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.866
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.588
Spacing: 24.0 "	C&C Dist a: 5.49 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.870
	Loc. from endwall: not in 13.00 ft		
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE, 18SS	VIEW Ver: 23.02.01A.1204.18
Lumber	·	Wind	·

#### Lumber

Top chord: 2x4 SP M-31; T3,T4 2x4 SP #2; Bot chord: 2x6 SP 2400f-2.0E; B6 2x4 SP #2; Webs: 2x4 SP #3; W1,W2,W3,W4,W14,W20,W21, W26 2x4 SP M-31; W11, W24 2x4 SP #2;

(a) Continuous lateral restraint equally spaced on member

#### Special Loads

(Lumber	Dur.Fac.=1.:	25 / Plate D	Our.Fac.=1.2	25)
TC: From	63 plf at	0.00 to	63 plf at	2.23
TC: From	32 plf at	2.23 to	32 plf at	5.61
TC: From	63 plf at	5.61 to	63 plf at	54.94
BC: From	20 plf at	0.00 to	20 plf at	2.23
BC: From	10 plf at	2.23 to	10 plf at	5.61
BC: From	20 plf at	5.61 to	20 plf at	54.94
BC: 198 lb Conc. Load at 2.23, 4.06				
BC: 1825 lb Conc. Load at 5.61				

#### **Plating Notes**

All plates are 6X8 except as noted.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

The TC of this truss shall be braced with attached spans at 24" oc in lieu of structural sheathing.

#### Deflection

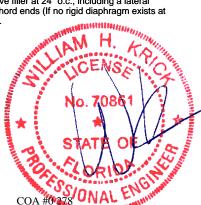
Max JT VERT DEFL: LL: 0.43" DL: 0.45". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

Wind loads and reactions based on MWFRS. End verticals not exposed to wind pressure. Wind loading based on both gable and hip roof types.

#### Bearing Block(s)

Brg blocks:0.131"x3", min. nails brg x-loc #blocks length/blk #nails/blk 2 54.710' 1 12" 4 wall plate Rigid Surface Brg block to be same size and species as chord.
Refer to drawing CNNAILSP1014 for more information.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).



### ▲ Maximum Reactions (lbs)

		G	ravity		No	on-Grav	/ity
10	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
30	ΑI	4165	/-	/-	/-	/517	/-
		2483		, /-	/-	/418	, /-
	Win	d read	ctions b	ased on	MWFRS		
	ΑI	Brg V	Vid = 3	.5 Min	Req = 3.4	1 (Truss	s)
	R	Brg V	Vid = 2	.8 Min	Req = -		
	Bea	rings .	AI & R	are a rigi	d surface.		
	Mer	nbers	not list	ed have f	orces less	s than 3	375#
	Max	timun	1 Top (	Chord Fo	rces Per	Ply (lb:	s)
	Cho	rds 7	Tens.C	omp.	Chords	Tens.	Comp.
	A - I	В	332 -	2704	H-I	582	- 3632
	<u> </u>	_	754	0044		504	2000

4 - B	332 - 2704	H-I	582	- 3632
3 - C	754 - 6314	I - J	531	- 3259
C - D	989 - 7659	J-K	531	- 3259
D - E	1206 - 8727	K-L	418	- 2535
≣ - F	1128 - 7716	L - M	418	- 2535
= - G	919 - 6086	M - N	418	- 2535
3 - H	700 - 4347	N - O	247	- 1480

#### Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. (	Comp.
AH-AG	3049 - 376	AA- Z	3677	- 574
AG-AF	6480 - 785	Z - Y	3677	- 574
AF-AE	7785 - 1017	Y - X	3626	- 584
AE-AD	8844 - 1232	X - W	3626	- 584
AD-AC	8844 - 1232	W - V	3237	- 530
AC-AB	6527 - 948	V - U	1541	- 259
AB-AA	5154 - 775	U - T	1541	- 259

### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Ťens.	Comp.
A -AI	522 - 4110	AB- G	2285	- 230
A -AH	4852 - 596	G -AA	305	- 2246
AH- B	480 - 3825	H-AA	1817	- 166
B-AG	4919 - 569	I - W	103	- 714
AG- C	345 - 1833	W - K	746	- 25
C -AF	2086 - 361	K - V	213	- 1344
AF- D	312 - 1390	V - N	1900	- 304
D -AE	1532 - 307	N - T	447	- 2097
AE- E	290 - 1292	T-S	2692	- 450
E -AC	430 - 3494	S-0	2696	- 449
AC- F	2748 - 308	O - P	444	- 2430
F-AB	318 - 2490			

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SEQN: 33860 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T56 FROM: DrwNo: 205.24.1501.14370 Qty: 1 Logan Jack Page 2 of 2 Truss Label: B24 AK / WHK 07/23/2024

#### **Additional Notes**

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



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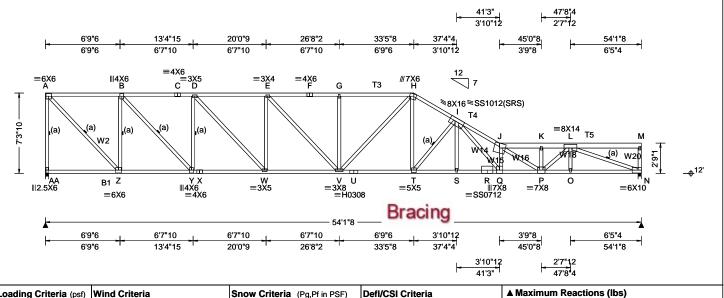
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SEQN: 33827 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T125 FROM: DrwNo: 205.24.1501.33823 Qty: 1 Logan Jack Truss Label: B25 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
1.0220.00		Pf: NA Ce: NA	VERT(LL): 0.665 J 977 240
DCLL. 0.00		Lu: NA Cs: NA	VERT(CL): 1.381 J 470 180
	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.169 A
Dec  d: 40.00	EXP: C Kzt: NA Mean Height: 17.03 ft		HORZ(TL): 0.352 A
NODOLL 40 00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
0.40	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.887
l	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.892
	CGC Dist a. J.+1 It	Rep Fac: Yes	Max Web CSI: 0.833
	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE, HS, 18SS	VIEW Ver: 23.02.01A.1204.18

#### Lumber

Top chord: 2x4 SP #2; T3,T4 2x4 SP M-31; T5 2x6 SP 2400f-2.0E; Bot chord: 2x4 SP M-31; B1 2x4 SP #2; Webs: 2x4 SP #3; W2 2x4 SP #2; W14,W15,W16,W18, W20 2x4 SP M-31;

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

### **Plating Notes**

All plates are 2X4 except as noted.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

### Wind

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

#### Deflection

Max JT VERT DEFL: LL: 0.66" DL: 0.71". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

### **Additional Notes**

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

#### AA 2250 /-/1161 /360 /120 N 2250 /1201 /170 /-Wind reactions based on MWFRS AA Brg Wid = 3.5 Min Req = 2.7 (Truss) N Brg Wid = 3.5 Min Req = 2.1 (Support) Bearings AA & N Fcperp = 565psi. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

/Rh

Gravity

Loc R+

A - B B - C	704 - 1913 1172 - 3245	G-H H-I	1702 - 4389 1819 - 4853
C-D D-E	1172 - 3245 1515 - 4071	i - J J - K	3819 - 10509 2629 - 7147
E-F F-G	1702 - 4389 1702 - 4389	K-L	2628 - 7146

Non-Gravity

/RL

/-

Tens. Comp.

- 430

- 593

- 2257

- 2004

- 4208

- 2229

- 5663

- 828

347

1821

858

5417

1631

727

2441

2140

/Rw /U

#### Maximum Bot Chord Forces Per Ply (lbs) Chards Tens Comp Chords Tens Comp

Onlords	r cris.comp.	Onlords	rens. comp.
Z - Y Y - X	1991 - 555 3297 - 1003	T - S S - R	5598 - 1972 5596 - 1972
X - W	3297 - 1003	R - Q	5596 - 1972
W - V	4101 - 1339	Q-P	9026 - 3241
V - U	4136 - 1417	P - O	5330 - 2013
U - T	4136 - 1417	O - N	5330 - 2013

#### Manufacture of the state of the Maximum Web Forces Per Ply (lbs) Tens.Comp. Webs Webs 885 - 2197 A -AA G - V A - Z 2784 - 1024 H - T Z - B 820 - 1873 T - I B - Y 1869 - 694 1 - Q Y - D 578 - 1259 J - Q D-W 1153 - 475 J - P W - E 420 - 722 E-V 424 - 249

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\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

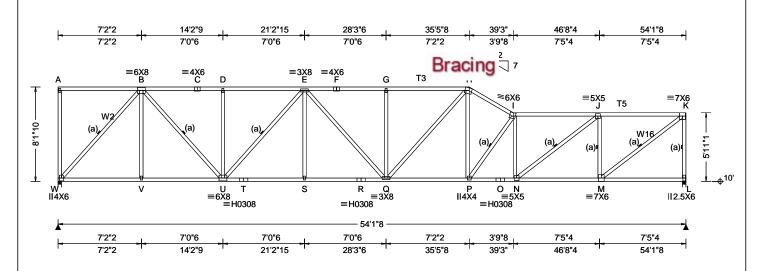
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 33817 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T146 FROM: DrwNo: 205.24.1501.38110 Qty: 1 Logan Jack Truss Label: B26 AK / WHK 07/23/2024



			_	_
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	١
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.314 G 999 240	
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.652 G 995 180	ı
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.105 A	
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.219 A	
NCBCLL: 10.00	Mean Height: 17.03 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.879	
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.415	
Spacing: 24.0 "	C&C Dist a: 5.41 ft	Rep Fac: Yes	Max Web CSI: 0.794	ı
	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)		l
	GCpi: 0.18	Plate Type(s):		1
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 23.02.01A.1204.18	
			•	-

#### Lumber

Top chord: 2x4 SP #2; T3,T5 2x4 SP M-31;

Bot chord: 2x4 SP M-31;

Webs: 2x4 SP #3; W2 2x4 SP M-31; W16 2x4 SP #2;

(a) Continuous lateral restraint equally spaced on

### **Plating Notes**

All plates are 2X4 except as noted.

### **Purlins**

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

#### Wind

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

#### Deflection

Max JT VERT DEFL: LL: 0.31" DL: 0.34". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

#### **Additional Notes**

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

1103 - 3045 C-D 1103 - 3046 H - I 1575 - 4149 D-E 1103 - 3045 I-J 1590 - 4276 E-F 1538 - 3922 J - K 1005 - 2598 1538 - 3922 F-G

/Rh

Brg Wid = 3.5 Min Req = 1.9 (Truss)

Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

/-Wind reactions based on MWFRS Brg Wid = 3.5

Bearings W & L are a rigid surface.

Non-Gravity

/RL

Tens. Comp.

1538 - 3922

/Rw /U

/1136 /351

/1153 /223

Min Reg = 1.9 (Truss)

Chords

▲ Maximum Reactions (lbs) Gravity

Loc R+

2250 /-

Chords Tens.Comp.

2250

W

### Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
W - V	1843 - 597	R-Q	3744 - 1303
V - U	1843 - 597	Q-P	3541 - 1312
U - T	3744 - 1303	P-0	4336 - 1615
T-S	3744 - 1303	O - N	4336 - 1615
S - R	3744 - 1303	N - M	2693 - 1050

#### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
W - B	1017 - 2729	P-I	587 - 1423
B - U	1801 - 677	I - N	490 - 1180
D - U	240 - 427	N - J	2031 - 693
U-E	447 - 1046	J - M	863 - 1835
G-Q	368 - 465	M - K	3282 - 1270
Q - H	564 - 205	K-L	930 - 2193
H - P	1295 - 434		



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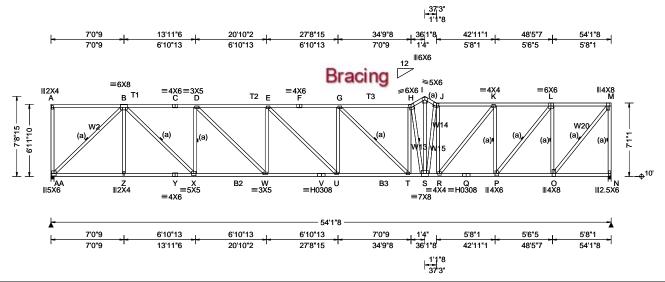
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SEQN: 33812 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T157 FROM: DrwNo: 205.24.1501.47530 Qty: 1 Logan Jack Truss Label: B27 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.395 G 999 240	Loc R+ /R- /Rh /
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.822 G 790 180	AA 2250 /- /- /
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.117 A	N 2250 /- /- /
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.243 A	Wind reactions based on MWF
NCBCLL: 10.00	Mean Height: 17.36 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	AA Brg Wid = 3.5 Min Req
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.779	N Brg Wid = 3.5 Min Req
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.840	Bearings AA & N are a rigid su
Spacing: 24.0 "	C&C Dist a: 5.41 ft	Rep Fac: Yes	Max Web CSI: 0.848	Members not listed have forces  Maximum Top Chord Forces
' '	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)		Chords Tens.Comp. Chor
	GCpi: 0.18	Plate Type(s):		
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 23.02.01A.1204.18	B - C 1253 - 3502 H - I
- ·				<sup>I</sup> C-D 1253-3502 I-J

### Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL AA 2250 /-/-/1115 /445 /21

#### Lumber

Top chord: 2x4 SP #2; T1,T2,T3 2x4 SP M-31; Bot chord: 2x4 SP #2; B2,B3 2x4 SP M-31; Webs: 2x4 SP #3; W2,W13,W14,W15 2x4 SP M-31; W20 2x4 SP #2;

### **Bracing**

(a) Continuous lateral restraint equally spaced on member

#### **Plating Notes**

All plates are 3X4 except as noted.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

#### Deflection

Max JT VERT DEFL: LL: 0.39" DL: 0.43". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

### **Additional Notes**

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, , , ,	0, ,	, , , , , ,	, , , , , , , , , , , , , , , ,	
N 225	0 /- /-	/1121	/443 /-	
Wind re	actions based	on MWFRS		
AA Brg	Wid = 3.5 N	lin Req = 2.	7 (Truss)	
N Brg	Wid = 3.5 N	lin Req = 2.	7 (Truss)	
Bearing	s AA & N are a	rigid surfac	e.	
Member	rs not listed hav	e forces les	s than 375#	
Maximu	ım Top Chord	Forces Per	Ply (lbs)	
Chords	Tens.Comp.	Chords	Tens. Comp.	
B-C	1253 - 3502	H - I	1642 - 4197	
C-D	1253 - 3502	I - J	1617 - 4167	
D-F				
D - E	1600 - 43 <del>44</del>	J - K	1457 - 3811	
E-F	1600 - 4344 1763 - 4605	J-K K-L	1457 - 3811 1138 - 2938	

#### Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
AA-Z	2129 - 801	U - T	4609 - 1778
Z - Y	2129 - 801	T-S	4204 - 1621
Y - X	2129 - 801	S - R	3855 - 1477
X - W	3555 - 1283	R - Q	2999 - 1164
W - V	4373 - 1623	Q - P	2999 - 1164
V - U	4373 - 1623	P-0	1754 - 707

### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
AA- B	1096 - 2933	S-J	480 - 1107
B - X	1930 - 712	J - R	460 - 1030
X - D	566 - 1225	R - K	1330 - 480
D - W	1121 - 459	K - P	629 - 1423
W - E	397 - 663	P - L	1941 - 727
G - T	228 - 550	L-0	887 - 1934
T - H	464 - 77	O - M	2649 - 1061
H - S	1076 - 2699	M - N	943 - 2205
I-S	3843 - 1536		

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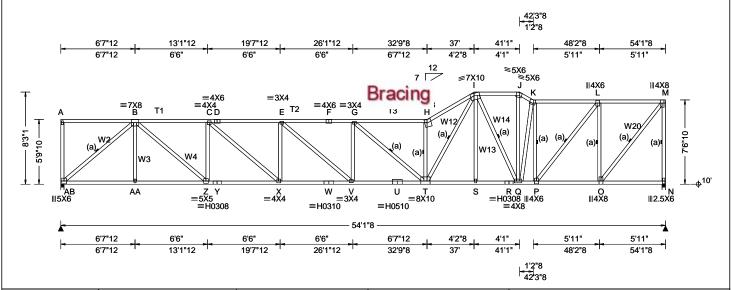
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SEQN: 105886 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T151 FROM: Qty: 1 DrwNo: 205.24.1502.07977 Logan Jack Truss Label: B28 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.515 H 999 240	١.
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 1.071 H 606 180	l.
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.130 A	
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.271 A	
NCBCLL: 10.00	Mean Height: 17.03 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.694	
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.563	
Spacing: 24.0 "	C&C Dist a: 5.41 ft	Rep Fac: Yes	Max Web CSI: 0.801	
· <del>-</del>	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)		l
	GCpi: 0.18	Plate Type(s):		1
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 23.02.01A.1204.18	
Lumber		•	•	•

▲ M	aximı	ım Reac	tions (	(lbs)		
	G	ravity		No	n-Grav	/ity
Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL
AB	2250	/-	/-	/1129	/433	/66
N	2250	/-	/-	/1156	/443	/-
Win	d reac	tions bas	sed on	MWFRS		
AB	Brg V	Vid = 3.5	Min	Req = 1.9	(Truss	s)
N	Brg V	Vid = 3.5	Min	Req = 1.9	(Truss	s)
Bea	rings /	AB & N a	ıre a riç	gid surface	-	
Men	nbers	not listed	have	forces less	than 3	375#
Max	imum	Top Ch	ord Fo	orces Per	Ply (lb:	s)
Cho	rds T	ens.Con	np.	Chords	Tens.	Comp.
B - 0		1470 - 40	071	H-I	2492	- 6314
C-i		1907 - 5°		i - J	1181	
D - E	Ξ	1907 - 5°	129	J-K	1334	- 3240
E - F	=	2144 - 59	566	K-L	1150	- 2822
F - 0	3	2144 - 5	566	L-M	683	- 1634

#### Lumber

Top chord: 2x4 SP #2; T1,T2,T3 2x4 SP M-31; Bot chord: 2x4 SP M-31; Webs: 2x4 SP #3; W2,W3,W4,W12,W13, W14 2x4 SP M-31; W20 2x4 SP #2;

(a) Continuous lateral restraint equally spaced on member

#### **Plating Notes**

All plates are 2X4 except as noted.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

#### Deflection

Max JT VERT DEFL: LL: 0.50" DL: 0.54". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

### **Additional Notes**

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Maximum Bot Chord Forces Per Ply (lbs)

2049 - 5308

G-H

Chords	Tens.Comp.	Chords	Tens. Comp.
AB-AA	2447 - 975	U - T	5577 - 2237
AA- Z	2447 - 975	T - S	3331 - 1349
Z - Y	4139 - 1581	S - R	3333 - 1349
Y - X	4139 - 1581	R-Q	3333 - 1349
X - W	5169 - 2010	Q-P	2877 - 1174
W - V	5169 - 2010	P - O	1711 - 720
V - U	5577 - 2237		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
AB- B	1166 - 3179	I-Q	445 - 1137
B-Z	2150 -800	Q-J	1422 - 539
Z - C	585 - 1283	Q-K	207 - 402
C - X	1324 - 543	K-P	603 - 1378
X - E	428 - 755	P-L	1842 - 713
E-V	530 - 287	L-0	927 - 1923
T - H	1470 - 3460	O - M	2626 - 1097
T - I	4307 - 1703	M - N	980 - 2204

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Glenview, IL 60025

155 Harlem Ave North Building, 4th Floor

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.472 E 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.957 E 678 180
10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.085 A
Doc I d: 40 00	EXP: C Kzt: NA Mean Height: 16.19 ft		HORZ(TL): 0.173 A
NCBCLL: 0.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.241
	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.474
Spacing: 24.0 "	C&C Dist a: 5.41 ft	Rep Fac: Yes	Max Web CSI: 0.861
	Loc. from endwall: not in 6.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 23.02.01A.1204.18
1 1		B 11	

#### Lumber

Top chord: 2x6 SP 2400f-2.0E; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3; W2 2x4 SP #2; W9, W10 2x4 SP M-31;

#### Nailnote

Nail Schedule:0.131"x3", min. nails Top Chord: 1 Row @12.00" o.c. Bot Chord: 1 Row @12.00" o.c. :1 Row @ 4" o.c.

Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

#### **Special Loads**

-(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 32 plf at 0.00 to 32 plf at 63 plf at 10 plf at 20 plf at 63 plf at 10 plf at 20 plf at 54.13 23.73 TC: From 23.73 to 0.00 to BC: From 23.73 to BC: From 198 lb Conc. Load at 2.02, 3.73, 5.73, 7.73 9.73,11.73,13.73,15.73,17.73,19.73,21.73 BC: 133 lb Conc. Load at 2.02, 3.73, 5.73, 7.73 9.73,11.73,13.73,15.73,17.73,19.73,21.73 BC: 2481 lb Conc. Load at 23.73

### **Plating Notes**

All plates are 5X6 except as noted.

Wind loads and reactions based on MWFRS. End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

### **Purlins**

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

The TC of this truss shall be braced with attached spans at 24" oc in lieu of structural sheathing.

Max JT VERT DEFL: LL: 0.47" DL: 0.48". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

#### **Additional Notes**

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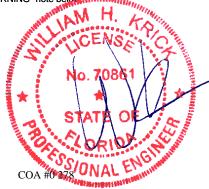
#### ▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL ٧ 5727 /-/873 /-3913 /-/642 Wind reactions based on MWFRS Brg Wid = 3.5Min Reg = 1.6 (Truss) Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearings V & K are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 481 - 3154 1049 - 6482 B - C 810 - 5224 G-H 313 - 1928 C-D 810 - 5224 H - I 370 - 2218 D-E 1022 - 6441 309 - 1901 E-F 881 - 5481

### Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. (	Comp.
U - T	3259 - 503	P - O	2639	- 427
T - S	3259 - 503	O - N	2640	- 427
S - R	5292 - 826	N - M	2640	- 427
R-Q	6421 - 1023	M - L	1956	- 320
Q-P	6421 - 1023			

#### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - V	305 - 1845	P-F	563 - 3328
A - U	3596 - 549	P - G	4916 - 786
U - B	315 - 1504	G - M	185 - 1156
B - S	2261 - 353	M - H	1031 - 163
S - D	230 - 979	I-L	226 - 1130
D - R	1322 - 225	L - J	2237 - 363
E - P	163 - 1077	J - K	226 - 1273



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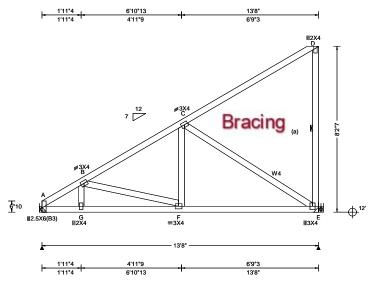
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SEQN: 34403 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T2 FROM: DrwNo: 205.24.1502.18667 Qty: 1 Logan Jack Truss Label: B31 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.38 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): 0.026 G 999 240 VERT(CL): 0.054 G 999 180 HORZ(LL): 0.011 E HORZ(TL): 0.023 E Creep Factor: 2.0 Max TC CSI: 0.778 Max BC CSI: 0.733 Max Web CSI: 0.469	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	

▲ M	axim	um Rea	ctions	(lbs)		
Gravity				Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Α	1048	/-	/-	/-	/196	/-
Е	644	/-	/-	/-	/120	/-
Win	d read	ctions b	ased on	<b>MWFRS</b>		
Α	Brg V	Vid = -	Min	Req = -		
E	Brg V	Vid = -	Min	Req = -		
Men	nbers	not liste	ed have	forces les	s than 3	375#
Maximum Top Chord Forces Per Ply (lbs)						
Cho	rds <sup>-</sup>	Tens.Co	mp.	Chords	Tens.	Comp.
A - I	В	293 -	1540	B - C	163	- 819

#### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens Comp Chords Tens (

0110100	rono.comp.	0110140	. 0.10.	JOp.
_	1262 - 237 1239 - 235	F-E	646	- 123

### Maximum Web Forces Per Ply (lbs)

Maximum Web i orces i ei i iy (ibs)						
Webs	Tens.C	omp.	Webs	Tens. (	Comp.	
G-B		- 44 - 600	C - E	143	- 762	

#### Lumber

Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; W4 2x4 SP M-31;

(a) Continuous lateral restraint equally spaced on member.

### **Special Loads**

(Lumber	Dur.Fac.=1	.25 / Plate [	Dur.Fac.=1.2	25)
TC: From	63 plf at	0.00 to	63 plf at	13.67
BC: From	20 plf at	0.00 to	20 plf at	13.11
BC: From	25 plf at	13.11 to	25 plf at	13.67
BC: 553 lb	Conc. Load	l at 1.94		

#### Hangers / Ties

(J) Hanger Support Required, by others

Wind loads and reactions based on MWFRS. Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



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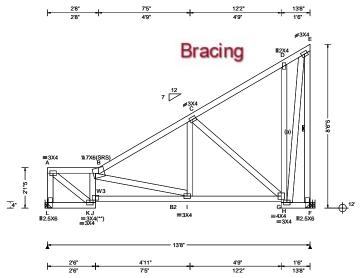
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SEQN: 34392 HIPM Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T105 FROM: DrwNo: 205.24.1502.20407 Qty: 1 Logan Jack Truss Label: B32 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.023 B 999 240	[
DCLL. 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.047 B 999 180	L
10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.019 G	F
Doc   d⋅ /0 00	EXP: C Kzt: NA		HORZ(TL): 0.039 G	١
NCBCLL: 10.00	Mean Height: 17.32 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	L
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.286	F
l <b>.</b>	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.169	1
l <u>.</u>	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.413	ľ
'	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		-
	GCpi: 0.18	Plate Type(s):		1
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	

▲ Maximum Reactions (lbs)							
	Gravity			N	Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
L	568	/-	/-	/318	/-	/170	
F	568	/-	/-	/416	/100	/-	
Win	d rea	ctions b	ased or	n MWFRS			
L	Brg \	Wid = -	Mir	n Req = -			
F	Brg \	Wid = -	Mii	n Req = -			
Men	nbers	not list	ed have	forces les	s than :	375#	
Max	imu	m Top (	Chord F	orces Per	Ply (lb	s)	
Cho	rds	Tens.C	omp.	Chords	Tens.	Comp.	
A - E	3	147	- 594	B - C	54	- 654	

### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; B2 2x4 SP M-31; Webs: 2x4 SP #3; W3 2x4 SP M-31;

### **Bracing**

(a) Continuous lateral restraint equally spaced on

### **Plating Notes**

(\*\*) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

### Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

L	568	/-	/-	/318	/-	/170	
F	568	/-	/-	/416	/100	/-	
Wind reactions based on MWFRS							
L	Brg	Wid = -	- M	in Req = -			
F	Brg	Wid = -	- M	in Req = -			
Members not listed have forces less than 375#							
Me	ember	s not lis	ted hav	e forces les	s than 3	375#	
				e forces les Forces Per		-	
Ma	ximu	m Top	Chord		Ply (lb	s)	

#### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

J - I 848 - 567 498 - 259

#### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Co	omp.
A - L	213 - 550	H-G	332	- 592
A - K	765 - 187	G-E	617	- 332
J-B	177 - 472	E-F	304	- 560
C - H	266 - 513			



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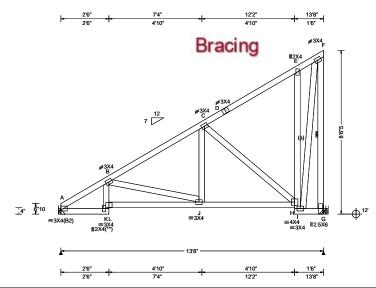
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For more information see these web sites: Alpine: alpineitw.com: TPI: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.org



SEQN: 34396 MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T184 FROM: DrwNo: 205.24.1502.22623 Qty: 1 Logan Jack Truss Label: B33 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.031 B 999 240	!
DCLL. 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.065 B 999 180	1
10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.025 H	(
Dec 1 4: 40 00	EXP: C Kzt: NA		HORZ(TL): 0.051 H	١
NCBCLL: 10.00	Mean Height: 16.54 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	1
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.310	19
l <b>.</b>	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.426	12
l <u>.</u>	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.842	Ľ
'	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		-
	GCpi: 0.18	Plate Type(s):		1
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	

<b>▲</b> N	/laxim	num Rea	ctions	(lbs)			
Gravity Non-Gravity							
Loc	R+	/ R-	/ Rh	/ Rw	/U	/ RL	
Α	571	/-	/-	/356	/-	/210	
G	565	/-	/-	/418	/97	/-	
Wi	nd rea	actions b	ased on	MWFRS			
Α	Brg	Wid = -	Mir	Req = -			
G	Brg	Wid = -	Mir	Req = -			
Ме	mber	s not list	ed have	forces les	s than :	375#	
Ma	ximu	m Top (	hord F	orces Per	Ply (lb	s)	
Ch	ords	Tens.Co	omp.	Chords	Tens.	Comp.	
A -	В	65	- 850	B - C	22	- 660	

### Lumber Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

#### **Bracing**

(a) Continuous lateral restraint equally spaced on

### **Plating Notes**

(\*\*) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

### Hangers / Ties

(J) Hanger Support Required, by others

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

▲ Ma	aximu	ım Rea	ctions	(lbs)		
	G	ravity		N	on-Grav	vity
Loc	R+	/ R-	/ Rh	/ Rw	/U	/ RL
Α :	571	/-	/-	/356	/-	/210
G :	565	/-	/-	/418	/97	/-
Wind	d reac	tions b	ased on	MWFRS		
Α	Brg W	/id = -	Min	Req = -		
G	Brg W	/id = -	Min	Req = -		
Mem	bers	not liste	ed have	forces les	s than 3	375#
Max	imum	Top C	hord F	orces Per	Ply (lb	s)
Cho	rds T	ens.Co	mp.	Chords	Tens.	Comp.
A - E	3	65	- 850	B - C	22	- 660

#### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

690 - 378 504 - 245 852

### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - I	246 - 515	H-F	615 - 315
I - H	316 - 590	F-G	288 - 557



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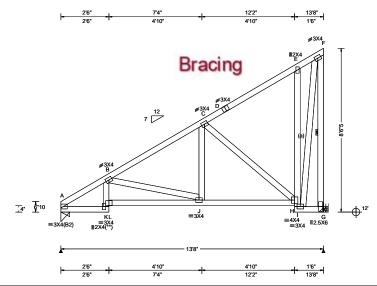
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 34394 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T182 FROM: DrwNo: 205.24.1502.24197 Qty: 3 Logan Jack Truss Label: B34 AK / WHK 07/23/2024



Loading Criteria (psf) Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes	PP Deflection in loc L/defl L/# VERT(LL): 0.031 B 999 240 VERT(CL): 0.065 B 999 180 HORZ(LL): 0.025 H HORZ(TL): 0.051 H Creep Factor: 2.0 Max TC CSI: 0.310 Max BC CSI: 0.426 Max Web CSI: 0.842  VIEW Ver: 23.02.01A.1204.18	

▲ Ma	ximu	m Re	actions	(lbs)		
	G	ravity		N	on-Grav	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A 5	71	/-	/-	/356	/8	/282
G 5	65	/-	/-	/418	/181	/-
Wind	reac	tions b	oased or	MWFRS		
A E	Brg W	id = 5	.5 Mir	Req = 1.	5 (Trus	s)
G E	Brg W	/id = -	Mir	Req = -	•	-
Beari	ng A	is a ri	gid surfa	ice.		
Memb	oers	not list	ed have	forces les	s than 3	375#
Maxii	mum	Top (	Chord F	orces Per	Ply (lb	s)
Chord	ds T	ens.C	omp.	Chords	Tens.	Comp.
А-В		65	- 850	B - C	22	- 660

#### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

#### **Bracing**

(a) Continuous lateral restraint equally spaced on member.

### **Plating Notes**

(\*\*) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

#### Hangers / Ties

(J) Hanger Support Required, by others

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

# Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.C	comp.	Chords	Tens. (	Comp.
A - L K - J		- 378 - 465	J-I	504	- 245

Maxim	Maximum Web Forces Per Ply (lbs)								
Webs	Tens.Comp.	Webs	Tens. (	Comp.					
C - I I - H	246 - 515 316 - 590	H-F F-G	615 288	- 315 - 557					



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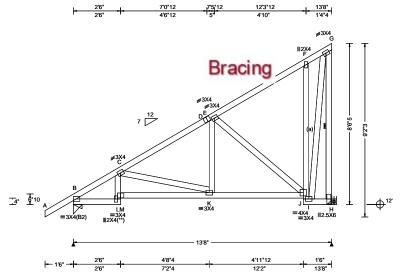
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SEQN: 34390 MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T181 FROM: DrwNo: 205.24.1502.25990 Qty: 12 Logan Jack Truss Label: B35 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	l.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.031 C 999 240	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.064 C 999 180	E
BCDL: 10.00	Risk Category: II EXP: C Kzt: NA	Snow Duration: NA	HORZ(LL): 0.024 I	H
Des Ld: 40.00	Mean Height: 16.10 ft		HORZ(TL): 0.049 I	۷
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	E
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.376	H
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.420	ľ
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.787	ľ
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		ľ
	GCpi: 0.18	Plate Type(s):		] }
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	E
Lumber				- (

	▲ Max	imum Re	actions (I	bs)			
		Gravity		No	on-Grav	/ity	
0	Loc R	R+ /R-	/ Rh	/ Rw	/ U	/ RL	
0	B 67	9 /-	/-	/444	/35	/307	_
	H 55	9 /-	/-	/412	/179	/-	
	Wind r	eactions I	pased on I	MWFRS			
	B Br	g Wid = 5	5.5 Min	Req = 1.5	(Truss	s)	
	H Br	g Wid = -	Min	Req = -	•		
	Bearing	g B is a ri	gid surfac	e.			
	Membe	ers not lis	ted have f	orces les	s than 3	375#	
	Maxim	um Top	Chord Fo	rces Per	Ply (lb:	s)	
	Chords	Tens.C	omp.	Chords	Tens.	Ćomp.	_
	B-C	32	- 810	D-E	14	- 501	
	C-D	12	- 648				

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Bracing**

(a) Continuous lateral restraint equally spaced on

### **Plating Notes**

(\*\*) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

### Hangers / Ties

(J) Hanger Support Required, by others

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

-		0,0	,	,				/00	,	/001	
	Н	559	/-	/-			/412	/17	9	/-	
	Wii	nd rea	actions	based	d on	MW	FRS				
	В	Brg	Wid =	5.5	Min	Req	= 1.	5 (Tr	uss	s)	
	Н	Brg	Wid = -		Min	Req	= -				
	Bea	aring	B is a ri	gid sı	urfac	ce.					
	Ме	mber	s not lis	ted h	ave	force	s les	s tha	n 3	375#	
	Ma	ximu	m Top	Chor	d Fo	orces	s Per	Ply	(lb	s)	
	Ch	ords	Tens.C	omp.		Cho	rds	Ter	is.	Comp	) <u> </u>
	В-		32	- 810	)	D - I	E		14	- 50	1
	<sup>I</sup> С -	D	12	- 648	3						

#### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - M 643 - 349 494 - 238

L-K 795 - 430

Maximum Web Forces Per Ply (lbs)						
Webs	Tens.Comp.	Webs	Tens.	Comp.		
E - J	237 - 504	1 - G	609	- 310		
J-I	310 - 584	G-H	282	- 551		



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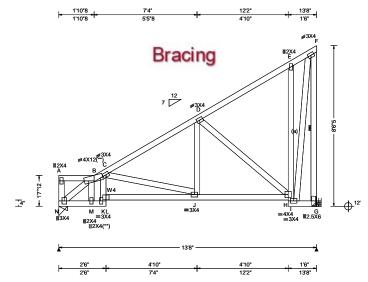
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SEQN: 34398 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T187 FROM: Qty: 1 DrwNo: 205.24.1503.39237 Logan Jack Truss Label: B36 AK / WHK 07/23/2024



Loading Criteria (psf) Wind Criteria  TCLL: 20.00 Wind Std: ASCE 7-22  TCDL: 10.00 Speed: 130 mph  BCLL: 0.00 Enclosure: Closed  Risk Category: II	Pg: NA Ct: NA CAT: NA	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.025 C 999 240
TCDL: 10.00 Speed: 130 mph BCLL: 0.00 Enclosure: Closed	3	
BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "  EXP: C Kzt: NA Mean Height: 17.09 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	VERT(CL): 0.051 C 999 180 HORZ(LL): 0.022 H HORZ(TL): 0.046 H Creep Factor: 2.0 Max TC CSI: 0.305 Max BC CSI: 0.373 Max Web CSI: 0.416  VIEW Ver: 23.02.01A.1204.18

▲ M	axim	num Re	action	s (lbs)				_
	(	Gravity			No	n-Gra	vity	
Loc	R+	/ R-	/ R	h/R	w	/ U	/ RL	_
			/-				/243	
G	568	/-	/-	/41	19	/180	/-	
Win	d rea	actions	based (	on MWFF	RS			
N	Brg	Wid = 5	5.5 N	lin Req =	1.5	(Trus	s)	
G	Brg	Wid = -	· N	lin Req =	-			
Bea	ring	N is a ri	igid sur	face.				
Mer	nber	s not lis	ted hav	e forces	less	than 3	375#	
Max	cimu	m Top	Chord	Forces F	er l	Ply (lb	s)	
Cho	rds	Tens.C	comp.	Chord	s	Tens.	Comp.	_
В-(	С	136	- 814	C - D		43	- 666	
	Loc N G Win N G Bea Mer <b>Max</b>	Loc R+ N 568 G 568 Wind rea N Brg G Brg Bearing Members Maximu	Gravity Loc R+ /R-  N 568 /- G 568 /- Wind reactions N Brg Wid = - Bearing N is a ri Members not lis  Maximum Top Chords Tens.C	Gravity  Loc R+ /R- /R  N 568 /- /- G 568 /- /- Wind reactions based of R  N Brg Wid = 5.5 N  Bearing N is a rigid sur Members not listed have maximum Top Chord Chords Tens.Comp.	Loc         R+         / R-         / Rh         / R           N         568         /-         /-         /32           G         568         /-         /-         /44           Wind reactions based on MWFF           N         Brg Wid = 5.5         Min Req =           G         Brg Wid = -         Min Req =           Bearing N is a rigid surface.         Members not listed have forces           Maximum Top Chord Forces F         Chords           Tens.Comp.         Chord	Gravity	Non-Gravity	Non-Gravity

	Maximum Bot Chord Forces Per Ply (Ibs				
Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2:	Chords	Tens.Comp.	Chords	Tens. Co	
Webs: 2x4 SP #3; W4 2x4 SP M-31;	N - M	725 - 451	K-J	888 -	

Bracing (a) Continuous lateral restraint equally spaced on		m Web Forces	•	
VVCUS. 2A4 GF #3, VV4 2A4 GF IVI-01,	N - M M - L	725 - 451 719 - 452	K-J J-I	

**Plating Notes** (\*\*) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

#### Hangers / Ties

(J) Hanger Support Required, by others

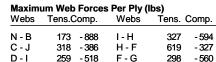
member.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



Chords Tens. Comp.

507

- 555

- 257



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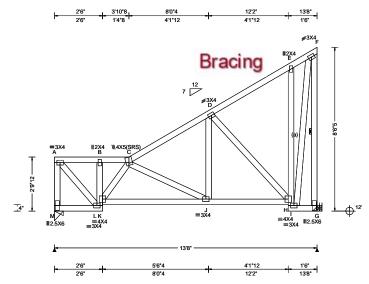
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SEQN: 34400 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T188 FROM: Qty: 1 DrwNo: 205.24.1503.41883 Logan Jack Truss Label: B37 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-22 Speed: 130 mph	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA	PP Deflection in loc L/defl L/#	L
TCDL: 10.00 BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(LL): 0.025 C 999 240 VERT(CL): 0.052 C 999 180	
BCDL: 10.00	Risk Category: II EXP: C Kzt: NA	Snow Duration: NA	HORZ(LL): 0.026 H	0
Des Ld: 40.00 NCBCLL: 10.00	Mean Height: 17.67 ft	Building Code:	HORZ(TL): 0.054 H Creep Factor: 2.0	N N
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res. TPI Std: 2014	Max TC CSI: 0.219 Max BC CSI: 0.374	B
Load Duration: 1.25 Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.801	N
	Loc. from endwall: not in 4.50 ft GCpi: 0.18	FT/RT:20(0)/10(0) Plate Type(s):		Ċ
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	A
				- 0

	▲ Maxii	mum Rea	actions (I	bs)		
		Gravity		No	on-Grav	/ity
	Loc R-	⊦ /R-	/ Rh	/ Rw	/ U	/ RL
	M 568	} /-	/-	/305	/36	/221
	G 568	/-	/-	/410	/207	/-
	Wind re	actions b	ased on I	MWFRS		
	M Bro	Wid = 5	.5 Min	Req = 1.5	(Truss	s)
	G Bro	Wid = -	Min	Req = -	•	•
	Bearing	M is a ri	gid surfac	е.		
	Membe	rs not list	ed have f	orces les	s than 3	375#
	Maximu	ım Top (	Chord Fo	rces Per	Ply (lb	s)
	Chords	Tens.Co	omp.	Chords	Tens.	Ćomp.
_	А-В	146	- 414	C-D	64	- 583
	B-C	238	- 511		-	

#### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

#### **Bracing**

(a) Continuous lateral restraint equally spaced on member.

#### Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

#### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. K-J 757 - 535 443 - 244

Maximum Web Forces Per Ply (lbs)										
Webs	Tens.C	Comp.	Webs	Tens. (	Comp.					
A - M	271	- 552	D-I	274	- 492					
A - L	624	- 220	I - H	334	- 576					
L-K	147	- 417	H - F	601	- 334					
K-C	57	- 391	F-G	318	- 560					



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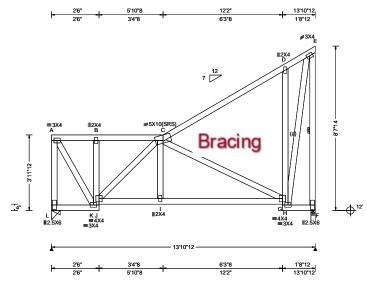
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SEQN: 33683 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T193 FROM: Qty: 1 DrwNo: 205.24.1503.43170 Logan Jack Truss Label: B38 AK / WHK 07/23/2024



Coading Criteria (psf)	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 18.32 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014	DefI/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.023 I 999 240 VERT(CL): 0.048 I 999 180 HORZ(LL): 0.027 G HORZ(TL): 0.056 G Creep Factor: 2.0 Max TC CSI: 0.400 Max BC CSI: 0.497	1 
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00	EXP: C Kzt: NA Mean Height: 18.32 ft TCDL: 5.0 psf BCDL: 5.0 psf	Building Code: FBC 8th Ed. 2023 Res.	HORZ(TL): 0.056 G Creep Factor: 2.0 Max TC CSI: 0.400	I
	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE	VIEW Ver: 23.02.01A.1204.18	]

A 84	ovin	um Dar	otiono	(lba)		
▲ Maximum Reactions (lbs)						
	(	Gravity		N <sub>0</sub>	on-Gra	vity
Loc	R+	/ R-	/ Rh	/Rw	/ U	/ RL
1	578	/-	/-	/294	/53	/185
_		/-	, /-	/403		/-
Win	d rea	actions b	ased on	MWFRS		
L	Brg	Wid = 5	.5 Mir	Req = 1.5	5 (Trus:	s)
F	Brg	Wid = 2	.7 Mir	Req = 1.5	5 (Trus:	s)
Bea	rings	L&Fa	re a rigi	d surface.		
Men	nber	s not list	ed have	forces les	s than :	375#
Max	Maximum Bot Chord Forces Per Ply (lbs)					
Cho	rds	Tens.Co	omp.	Chords	Tens.	Comp.
J - I		656	- 445	I - H	652	- 448

#### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Bracing**

(a) Continuous lateral restraint equally spaced on

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

#### Wind

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

#### Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. 353 - 561 C - H 404 - 569 A - K 572 - 308 H-G 425 -670 K-J 253 - 452 G-E 705 - 428

- 419

19

J - C

E-F

351

- 570



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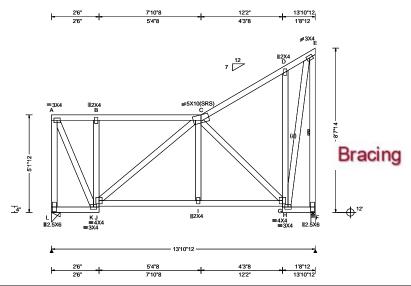
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SEQN: 33685 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T201 FROM: Qty: 1 DrwNo: 205.24.1503.44347 Logan Jack Truss Label: B39 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	▲
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 18.90 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.018 I 999 240 VERT(CL): 0.038 I 999 180 HORZ(LL): 0.023 G HORZ(TL): 0.048 G Creep Factor: 2.0 Max TC CSI: 0.323 Max BC CSI: 0.376 Max Web CSI: 0.733  VIEW Ver: 23.02.01A.1204.18	L F W L F B M M C J

▲ Maxi	mum Re	actions (	lbs)		
	Gravity		No	on-Grav	vity
Loc R	+ /R-	/ Rh	/ Rw	/ U	/ RL
L 578	B /-	/-	/293	/83	/141
F 578	B /-	/-	/383	/202	/-
Wind re	eactions I	pased on	MWFRS		
L Br	q Wid = 5	.5 Min	Req = 1.5	(Trus	s)
F Br	g Wid = 2	.7 Min	Req = 1.5	ī (Trus	s)
		are a rigio		•	,
	•	•	forces les	s than 3	375#
Maxim	um Bot (	Chord Fo	rces Per	Ply (lbs	s)
Chords	Tens.C	omp.	Chords	Tens.	Comp.
J-1	482	- 412	I - H	478	- 414

#### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Bracing**

(a) Continuous lateral restraint equally spaced on

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

#### Wind

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

#### Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. 420 - 563 C - H 431 - 498

H-G

G-E

E-F

521

616

500

- 585

- 527

- 568

593 - 429

381 - 503

432 - 300

A - K

K-J

B - J



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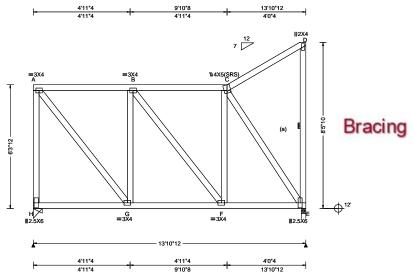
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SEQN: 33687 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T103 FROM: DrwNo: 205.24.1503.45610 Qty: 1 Logan Jack Truss Label: B40 AK / WHK 07/23/2024



Loading Criteria (psf)   Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "  Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 19.39 ft TCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf BWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.009 B 999 240 VERT(CL): 0.019 B 999 180 HORZ(LL): -0.005 D HORZ(TL): 0.010 D Creep Factor: 2.0 Max TC CSI: 0.450 Max BC CSI: 0.231 Max Web CSI: 0.513  VIEW Ver: 23.02.01A.1204.18

▲ Maxim	um Rea	ctions (II	os)		
0	avity		No	on-Grav	/ity
Loc R+	/ R-	/ Rh	/Rw	/ U	/ RL
H 578	/-	/-	/294	/115	/89
E 579	/-	/-	/344	/179	/-
Wind read	ctions b	ased on N	/WFRS		
H Brg V	Vid = 5.	5 Min F	Req = 1.5	(Truss	s)
E Brg \	Vid = 2.	7 Min F	Req = 1.5	(Truss	s)
Bearings	Н&Еа	re a rigid	surface.		
Members	not liste	ed have fo	orces less	than 3	375#
Maximun	n Bot C	hord For	ces Per	Plv (lbs	s)
Chords				, ,	,
G-F	342	- 397			

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Bracing**

(a) Continuous lateral restraint equally spaced on

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

#### Wind

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

#### Maximum Web Forces Per Ply (lbs) Tens.Comp. Webs Webs Tens. Comp. A - H 485 - 539 482 - 526 A - G 525 - 388



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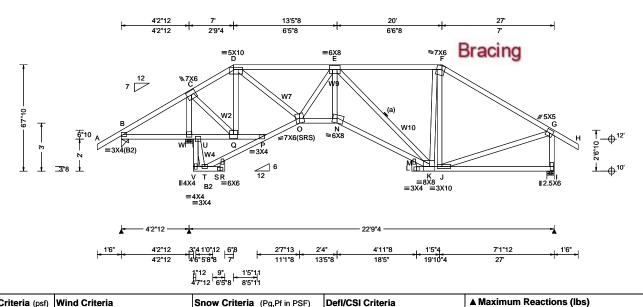
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SEQN: 105889 HIPS Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T72 FROM: DrwNo: 205.24.1503.53940 Qty: 1 Logan Jack Page 1 of 2 Truss Label: C01 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.151 N 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.305 N 897 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.066 V
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.133 V
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.440
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.729
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.800
	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18

Chords Tens.Comp. Chords Tens. Comp. B - C E-F 659 - 2131 1159 - 570 282 - 1187 747 - 2437

Brg Wid = 5.5 Min Req = 1.5 (Truss)

Non-Gravity

/1221 /-

/629

/RL

/Rw /U

Min Req = 2.6 (Truss)

Min Req = 1.8 (Truss)

### **Bracing**

Lumber

(a) Continuous lateral restraint equally spaced on member

Top chord: 2x4 SP M-31; Bot chord: 2x4 SP M-31; B2 2x4 SP #2; Webs: 2x4 SP #3; W2,W4,W7,W9 2x4 SP #2;

#### **Plating Notes**

W10 2x4 SP M-31;

All plates are 2X4 except as noted.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads and reactions based on MWFRS. Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

#### **Additional Notes**

Negative reaction(s) of -367# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).



1019 2222	. •	 Ī
1010 - 3232		
	1018 - 3232	

/Rh

Gravity

Brg Wid = 5.5

Brg Wid = 5.5

/-367

Wind reactions based on MWFRS

Bearings B, W, & I are a rigid surface. Members not listed have forces less than 375# **Maximum Top Chord Forces Per Ply (lbs)** 

Loc R+

2168 /-

В 200

W 3621 /-

### Maximum Bot Chord Forces Per Ply (lbs)

Chords	ords Tens.Comp. Chords		Tens. Comp.		
B - W	462 - 925	P-0	1163 - 280		
W - U	431 - 840	O - N	4002 - 1329		
U - Q	466 - 1063	N - L	4727 - 1564		
S-P	424 - 70	L-K	4734 - 1571		
Q-P	783 - 198	K - J	2021 - 616		

#### Maximum Web Forces Per Ply (lbs)

webs	Tens.Comp.	Webs	Tens. (	Jomp.
w-c	1177 - 3233	E-N	2481	- 825
C - Q	2617 - 946	E - K	1037	- 2911
V - U	75 - 427	M - L	171	-623
U - T	833 - 126	K-F	871	- 345
D - Q	636 - 1556	J - G	2101	- 645
D - O	2874 - 1009	G - I	659	- 2112
O - E	567 - 1404			

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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 105889 HIPS Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T72 FROM: Qty: 1 DrwNo: 205.24.1503.53940 Logan Jack Page 2 of 2 Truss Label: C01 AK / WHK 07/23/2024

#### **Special Loads**

Opeoidi Loa	43			
(Lumber	Dur.Fac.=1.	.25 / Plate [	Our.Fac.=1.2	25)
TC: From	63 plf at	-1.50 to	63 plf at	7.00
TC: From	32 plf at	7.00 to	32 plf at	20.00
TC: From	63 plf at	20.00 to	63 plf at	28.50
BC: From	5 plf at	-1.50 to	5 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	7.03
BC: From	10 plf at	7.03 to	10 plf at	8.47
BC: From	11 plf at	8.47 to	11 plf at	11.12
BC: From	10 plf at		10 plf at	13.46
BC: From	11 plf at		11 plf at	19.24
BC: From	10 plf at		10 plf at	19.97
BC: From	20 plf at	19.97 to	20 plf at	27.00
BC: From	5 plf at		5 plf at	28.50
	Conc. Load			
	Conc. Load		3.06	
	Conc. Load			
	Conc. Load		0.00	
	Conc. Load		5.06	
	Conc. Load Conc. Load			
	Conc. Load Conc. Load			
DC. 91910	COIIC. LOAG	at 13.91		



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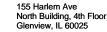
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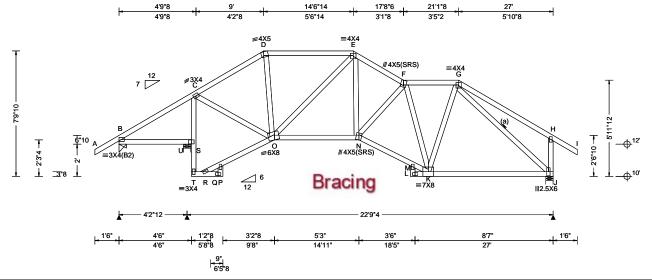
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SEQN: 18860 / COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T47 / FROM: Qty: 1 DrwNo: 205.24.1159.13837 Logan Jack Truss Label: C02 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.058 N 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.117 N 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.040 J
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.082 J
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.546
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.771
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: Yes	Max Web CSI: 0.538
'	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2: Webs: 2x4 SP #3;

#### **Bracing**

(a) Continuous lateral restraint equally spaced on

### **Plating Notes**

All plates are 2X4 except as noted.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c.,including a lateral brace at chord ends (If no rigid diaphragm exists at that point)

▲ Maximum Reactions (lbs)					
	Gravity		No	on-Grav	vity
Loc R-	- /R-	/ Rh	/ Rw	/ U	/ RL
B 264	. /-	/-	/137	/81	/180
U 119	0 /-	/-	/742	/160	/-
J 104	7 /-	/-	/647	/191	/-
Wind re	actions b	ased on N	<b>IWFRS</b>		
B Brg	Wid = 5	.5 Min F	Req = 1.5	(Truss	s)
		.5 Min F			
J Brg	Wid = 5	.5 Min F	Req = 1.5	(Truss	s)
Bearing	s B, U, &	J are a ri	gid surfac	e.	
Members not listed have forces less than 375#					
Maximum Top Chord Forces Per Ply (lbs)					
Chords	Tens.C	omp. (	Chords	Tens.	Comp.

C - D	474 - 890	E-F	647	- 1271
D - E	456 - 729	F-G	459	- 848

#### Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. 0	Comp.	
O - N	1023 - 338	L-K	1224	- 439	
N-L	1217 - 461	K-J	711	- 251	

#### Maximum Web Forces Per Plv (lbs)

Webs	Tens.Comp.	Webs	Tens. (	Comp.
s-c	362 - 1008	F-K	423	- 839
C - O	765 - 215	K-G	467	- 143
0 - E	207 - 439	G - J	339	- 951
F - N	6/12 - 231			



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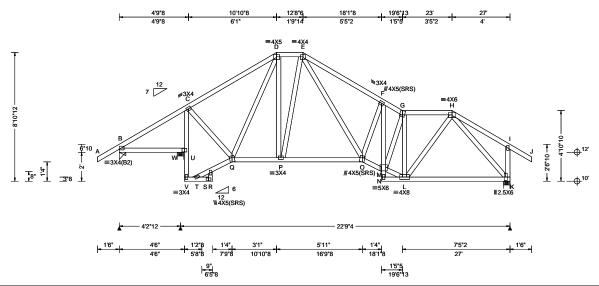
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SEQN: 47518 / COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T4 / FROM: Qty: 1 DrwNo: 205.24.1159.10786 Logan Jack Truss Label: C03 NW / DF 07/23/2024



				т
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.059 O 999 240	
DCLL. 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.119 O 999 180	
10.00 I	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.036 K	
Dec 1 4: 40 00	EXP: C Kzt: NA		HORZ(TL): 0.074 K	
NCBCLL: 10.00	Mean Height: 15.29 ft	Building Code:	Creep Factor: 2.0	
0 1111	TCDL: 5.0 psf BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.430	
l	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.780	
	C&C Dist a: 3.00 ft ft	Rep Fac: Yes	Max Web CSI: 0.658	
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	

			(	٠,		
	G	ravity		Non-Gravity		
Loc	R+	/ R-	/ Rh	/Rw	/U	/ RL
В	257	/-	/-	/150	/85	/209
W	1204	/-	/-	/773	/168	/-
K	1038	/-	/-	/645	/188	/-
Win	d reac	tions bas	sed on M	WFRS		
В	Brg V	Vid = 5.5	Min R	eq = 1.5	(Truss	s)
W	Brg V	Vid = 5.5	Min R	eq = 1.5	(Truss	s)
K	Brg V	Vid = 5.5	Min R	eq = 1.5	(Truss	s)
Bea	rings l	B, W, & I	Kare a ri	gid surfa	ice.	
Members not listed have forces less than 375#						
Maximum Top Chord Forces Per Ply (lbs)						
Cho	ords T	ens.Con	np. C	hords	Tens.	Ćomp.
_						

▲ Maximum Reactions (lbs)

#### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

#### **Plating Notes**

All plates are 2X4 except as noted.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c.,including a lateral brace at chord ends (If no rigid diaphragm exists at that point)

C-D	328 - 610	F-G	536	- 1273
D-E	366 - 618	G-H	439	- 1014
E-F	581 - 1313			

### Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.C	omp.	Chords	Tens. (	Comp.	
Q - P	604	- 66	O - M	1201	- 332	
-0	672	- 94	L-K	641	- 201	

#### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. C	Comp.
U-C	268 - 1037	M - L	1168	- 336
C-Q	607 - 47	G-L	400	- 940
Q - D	68 - 420	L - H	640	- 180
E - O	778 - 321	H - K	306	- 956



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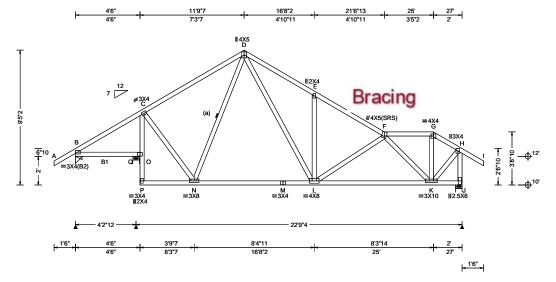
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SEQN: 47508 / COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T112 FROM: Qty: 1 DrwNo: 205.24.1159.11288 Logan Jack Truss Label: C04 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.55 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.049 E 999 240 VERT(CL): 0.097 E 999 180 HORZ(LL): 0.025 K HORZ(TL): 0.051 K Creep Factor: 2.0 Max TC CSI: 0.613 Max BC CSI: 0.671 Max Web CSI: 0.420  VIEW Ver: 23.02.01A.1204.18	Gravity Loc R+ /R- /Rh /  B 248 /- /- /- Q 1231 /- /- /- J 1133 /- /- Wind reactions based on MWF B Brg Wid = 5.5 Min Req: Q Brg Wid = 5.5 Min Req: J Brg Wid = 5.5 Min Req: Bearings B, Q, & J are a rigid s Members not listed have forces Chords Tens.Comp. Chor
Lumber				C-D 102 -559 F-G

		G	avily		INC	ni-Giav	ıty
)	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
)	В	248	/-	/-	/-	/51	/-
	Q	1231	/-	/-	/-	/218	/-
	J	1133	/-	/-	/-	/200	/-
	Win	d reac	tions bas	sed on M	WFRS		
	В			Min R			
				Min R			
	J			Min R			i)
	Bearings B, Q, & J are a rigid surface.						
	Members not listed have forces less than 375#  Maximum Top Chord Forces Per Ply (lbs)						
	Cho	rds T	ens.Con	np. C	hords	Tens.	Comp.

Non-Gravity

#### C-D F-G 102 - 559 - 591 103 D-E 186 - 1077 G - H -722 E-F 188 - 1084

### **Bracing**

(a) Continuous lateral restraint equally spaced on

Bot chord: 2x4 SP #2; B1 2x4 SP M-31; Webs: 2x4 SP #3;

### **Special Loads**

Top chord: 2x4 SP #2;

(L	umber	Dur.Fac.=1	.25 / Plate [	Dur.Fac.=1.2	25)
TC: F	rom	63 plf at	-1.50 to	63 plf at	<b>28.50</b>
BC: F	rom	5 plf at	-1.50 to	5 plf at	0.00
BC: F	rom	20 plf at	0.00 to	20 plf at	27.00
BC: F	rom	5 plf at	27.00 to	5 plf at	28.50
TC:	64 lb	Conc. Load	at 24.97		
BC:	45 lb	Conc. Load	at 24.97		

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads and reactions based on MWFRS. Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

### Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. 0	Comp.
N - M M - L	513 513		L-K	1152	- 206

### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
0-C	227 - 1061	F-K	192 -811
C - N	584 - 62	K - H	846 - 107
D - L	757 - 86	H - J	191 - 114 <del>4</del>



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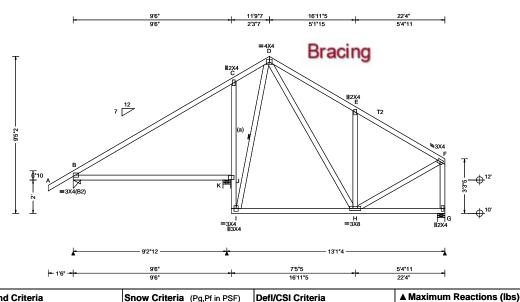
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SEQN: 47495 / COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T128 FROM: Qty: 1 DrwNo: 205.24.1159.11994 Logan Jack Truss Label: C05 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-22	3	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.026 C 999 240	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.054 C 999 180	E
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.038 G	ŀ
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	EXP: C Kzt: NA Mean Height: 15.55 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.079 G Creep Factor: 2.0  Max TC CSI: 0.421  Max BC CSI: 0.881  Max Web CSI: 0.672	V E K C E N
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	] (

Loc	R+	/ R-	/ Rh	/Rw	/ U	/ RL	
В	489	/-	/-	/258	/59	/196	
K	931	/-	/-	/625	/1	/-	
G	547	/-	/-	/364	/47	/-	
Wi	nd rea	ctions b	ased on N	<b>MWFRS</b>			
В	Brg \	Vid = 5.	5 Min F	Req = 1.5	(Trus	s)	
K	Brg \	Vid = 5.	5 Min F	Req = 1.5	(Trus	s)	
G	Brg \	Vid = 5.	5 Min F	Req = 1.5	(Trus	s)	
Bearings B, K, & G are a rigid surface.							
Members not listed have forces less than 375#							
Maximum Top Chord Forces Per Ply (lbs)							
Ch	ords <sup>-</sup>	Tens.Co	mp. (	Chords	Tens.	Comp.	

Non-Gravity

155

- 455

#### Lumber

Top chord: 2x4 SP M-31; T2 2x4 SP #2;

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Bracing**

(a) Continuous lateral restraint equally spaced on

#### Wind

Wind loads based on MWFRS with additional C&C

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

#### Maximum Web Forces Per Ply (lbs)

305 - 475

Gravity

D-E

Webs	Tens.Comp.	Webs	Tens. Comp.	
C-J	341 - 575	H - E	243 - 391	
D-H	419 - 150	F - G	168 - 509	

E-F



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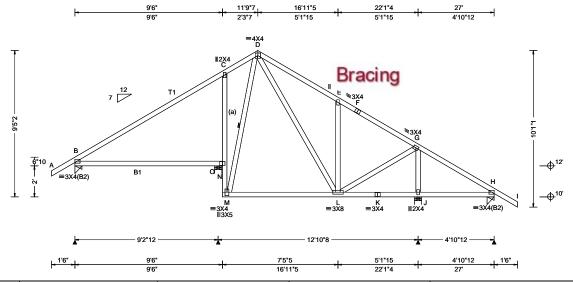
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 47491 / SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T52 / FROM: Qty: 2 DrwNo: 205.24.1159.11272 Logan Jack Truss Label: C06 NW / DF 07/23/2024



Loading Criteria (psf) Wind Criteria		Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria		
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#		
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.016 E 999 240		
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.029 E 999 180		
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.026 L		
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.048 L		
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0		
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.422		
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.561		
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: Yes	Max Web CSI: 0.526		
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)			
	GCpi: 0.18	Plate Type(s):			
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18		

### Lumber

Top chord: 2x4 SP #2; T1 2x4 SP M-31; Bot chord: 2x4 SP #2; B1 2x4 SP M-31; Webs: 2x4 SP #3;

(a) Continuous lateral restraint equally spaced on member.

### Loading

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

### Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

		▲ N	laxim	ım Re	actio	ns (	lbs)	
/defl	L/#		G	ravity	•			Ν
999	240	Loc	: R+	/ R-	/	Rh	/ R	w
999	180	В	496	/-	/-		/25	3
-	-	0	1152	/-	/-		/66	8
-	-	J	816	/-	/-		/47	5
		Н	368	/-	/-		/26	1
		Wir	nd read	ctions	based	d on	MWFR	S
		В	Brg V	Vid =	5.5	Min	Req =	1.
		0	Brg V	Vid =	5.5	Min	Req =	1.
		J	Brg V	Vid =	5.5	Min	Req =	1.
		Н	Brg V	Vid =	5.5	Min	Req =	1.
		Bea	arings	B, O,	J, & H	are	a rigid	sι
1204	18		_				orcoc I	

J Bro	y Wid = 5	5.5 M	lin Req = 1	.5 (Truss)	)	
H Bro	Wid = 5	5.5 N	lin Req = 1	.5 (Truss)	)	
Bearings B, O, J, & H are a rigid surface.						
Members not listed have forces less than 375#						
Maximum Top Chord Forces Per Ply (lbs)						
Chords	Tens.C	omp.	Chords	Tens. (	Comp.	
C-D	463	- 224	F-G	236	- 473	
D-E	372	- 478				

Non-Gravity

/104

/74

/RL

/274

/Rw /U

/668 /28 /-

/261 /54

Min Req = 1.5 (Truss)

Min Req = 1.5 (Truss)

Maximum Web Forces Per Ply (lbs)							
Webs	Tens.C	Comp.	Webs	Tens. (	Comp.		
C-N	336	- 578	L-G	439	-77		
N - M	454	0	G - J	265	- 739		
D-I	418	_ 113					



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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.

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SEQN: 47534 / SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T138 FROM: DrwNo: 205.24.1159.13592 Qty: 1 Logan Jack Truss Label: C07 NW / DF 07/23/2024 5'8"15 11'9"7 17'6"6 9'5"10 5'8"15 6'0"7 5'8"15 **→**12' P ∥2X4 K ∥2X4 =3X4(B2) 5'8"15 2'6"11 5'8"15 4'10"2 3'5"13 1'6" Loading Criteria (psf) Wind Criteria Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria ▲ Maximum Reactions (lbs), or \*=PLF Gravity Non-Gravity Wind Std: ASCE 7-22 Ct: NA CAT: NA TCLL: 20.00 Pg: NA PP Deflection in loc L/defl L/# Loc R+ /Rh /Rw /U /RL Speed: 130 mph TCDL: 10.00 Pf: NA VERT(LL): 0.003 P 999 Ce: NA Enclosure: Closed BCII: 0.00 Lu: NA Cs: NA VERT(CL): 0.006 P 999 180 В 460 /277 /274 Risk Category: II BCDL: 10.00 Snow Duration: NA HORZ(LL): 0.003 H 128 /-/67 /-EXP: C Kzt: NA 294 /243 /43 HORZ(TL): 0.007 H Des Ld: 40.00 Mean Height: 15.00 ft Wind reactions based on MWFRS **Building Code:** Creep Factor: 2.0 NCBCLL: 10.00 TCDL: 5.0 psf Brg Wid = 5.5 Min Req = 1.5 (Truss) FBC 8th Ed. 2023 Res. Max TC CSI: 0.465 Soffit: 2.00 BCDL: 5.0 psf Min Req = Brg Wid = 160

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

Load Duration: 1.25

Spacing: 24.0 "

#### **Plating Notes**

All plates are 3X4 except as noted.

#### Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

MWFRS Parallel Dist: h to 2h

GCpi: 0.18

Loc. from endwall: not in 9.00 ft

C&C Dist a: 3.00 ft ft

Wind Duration: 1.60

Max BC CSI:

Max Web CSI: 0.235

VIEW Ver: 23.02.01A.1204.18

0.267

Brg Wid = 5.5

Webs

C - O

Bearings B, O, & H are a rigid surface.

Maximum Web Forces Per Ply (lbs)

Tens.Comp.

188 - 473

Members not listed have forces less than 375#

Min Req = 1.5 (Truss)

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TPI Std: 2014

FT/RT:20(0)/10(0)

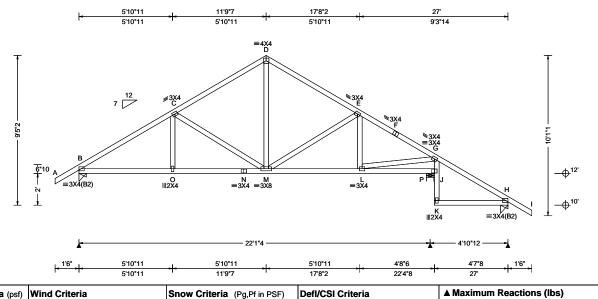
Rep Fac: Yes

Plate Type(s):

<u>WA</u>VE

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SEQN: 47484 / SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T79 / FROM: Qty: 3 DrwNo: 205.24.1159.12967 Logan Jack Truss Label: C08 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.050 M 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.099 M 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.029 H
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.060 H
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.481
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.626
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: Yes	Max Web CSI: 0.386
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2: Webs: 2x4 SP #3;

#### Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

### Gravity

Chords Tens.Comp.

Non-Gravity Loc R+ /Rh /Rw /U В 1025 /618 /19 /274 1122 /-/623 306 /249 /43 Wind reactions based on MWFRS Brg Wid = 5.5 Min Req = 1.5 (Truss) BrgWid = 5.5Min Req = 1.5 (Truss) Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings B, P, & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

B - C	276 - 1363	E-F	256 - 1020
C - D	277 - 941	F-G	243 - 1093
ь г	275 044		

Chords

Tens. Comp.

### Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. C	comp.
B - O		- 82	N - M	1088	-83
O - N	1088	- 83	M - L	899	- 31

#### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.	
C - M	165 - 421	L-G	853	- 27
D - M	512 - 103	G - I	186	- 011



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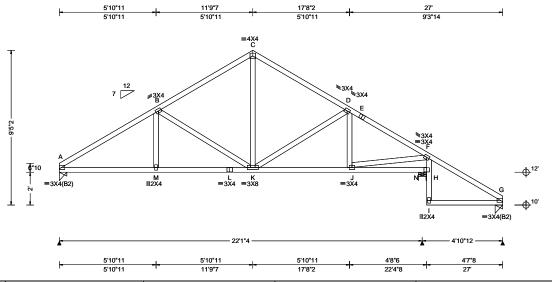
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SEQN: 47486 / SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T64 / FROM: Qty: 1 DrwNo: 205.24.1159.11021 Logan Jack Truss Label: C09 NW / DF 07/23/2024



TCLL: 20.00 Wind Std: ASCE 7-22 Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
TCDL: 10.00   Speed: 130 mph   Pf: NA	VERT(LL): 0.047 K 999 240 VERT(CL): 0.097 K 999 180 HORZ(LL): 0.031 G HORZ(TL): 0.064 G Creep Factor: 2.0 Max TC CSI: 0.382 Max BC CSI: 0.641 Max Web CSI: 0.404  VIEW Ver: 23.02.01A.1204.18	

<b>▲</b> M	▲ Maximum Reactions (lbs)						
	G	ravity		No	on-Gra	vity	
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
Α	920	/-	/-	/533	/11	/229	
N	1144	/-	/-	/657	/5	/-	
G	186	/-	/-	/134	/19	/-	
Win	d read	tions b	ased on N	/WFRS			
Α	Brg W	Vid = 5.	5 Min F	Req = 1.5	(Trus	s)	
N	Brg W	Vid = 5.	5 Min F	Req = 1.5	(Trus	s)	
G	Brg V	Vid = 5.	5 Min F	Req = 1.5	(Trus	s)	
Bearings A, N, & G are a rigid surface.							
Members not listed have forces less than 375#							
Maximum Top Chord Forces Per Ply (lbs)							
Cho	Chords Tens.Comp. Chords Tens. Comp.						

#### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

#### Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

A - B B - C C - D	299 - 1384 283 - 948 272 - 947	D - E E - F	 - 977 - 1098

### Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. C	comp.	
A - M	1112 - 102	L-K	1111	- 104	
M - L	1111 - 104	K-J	903	-61	

#### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.	
B - K	175 - 442	J - F	849	- 45
C-K	515 - 104	F-H	216	- 058



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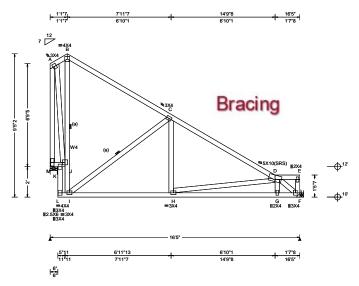
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 33565 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T170 FROM: DrwNo: 205.24.1504.20893 Qty: 1 Logan Jack Truss Label: C10 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.027 H 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.056 H 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.134 H
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.187 H
NCBCLL: 10.00	Mean Height: 15.44 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.587
Load Duration: 1.25	MWFRS Parallel Dist: > 2h	TPI Std: 2014	Max BC CSI: 0.512
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.623
' '	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18
		·	

#### Lumber

Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; W4 2x4 SP #2;

#### **Bracing**

(a) Continuous lateral restraint equally spaced on member.

### Hangers / Ties

Simpson Construction Hardware is specified based on the most current information provided by Simpson Strong-Tie. Please refer to the most recent Simpson Strong-Tie catalog for additional information.

Recommended hanger connections are based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating

Bearing at location x=16'2" uses the following support conditions: 16'2"

Bearing F (16'2", 10') LUS26

Supporting Member: (2)2x6 SP 2400f-2.0E uses the following

(4) 0.148"x3" nails into supporting

member,
(3) 0.148"x3" nails into supported member

#### **Purlins**

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

▲ Maximum Reactions (lbs)											
	Gravity Non-Gravity										
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL					
М	683	/-	/-	/459	/59	/207					
F	683	/-	/-	/415	/15	/-					
Win	d reac	tions ba	ased on M	WFRS							
М	Brg V	Vid = 5.5	5 Min R	eq = 1.5	(Trus	s)					
F	Brg V	Vid = -	Min R	eq = -	•	-					
Bea	ring M	l is a rig	id surface								
Men	nbers	not liste	d have fo	rces less	than	375#					
Maximum Top Chord Forces Per Ply (lbs)											
Cho	rds T	ens.Co	mp.								
C - I	D	119 -	819								

Maxi	mu	m	<b>Bot Chord</b>	Forces	Per	Ply	(lbs)	
~.		_	_	~.		_		

Chords	Tens.Comp.		Chords	Tens. Comp.	
I-H	615	-5	G-F	1011	- 243
H-G	1000	- 252			

#### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - M	273 - 637	I-C	245 - 649
A - J	644 - 355	H - D	253 - 382
J - I	545 - 137	D - F	297 - 1235



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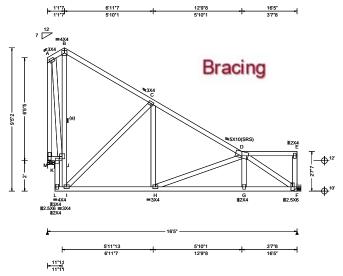
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SEQN: 33567 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T144 FROM: Qty: 1 DrwNo: 205.24.1506.44640 Logan Jack Truss Label: C11 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	<b>A</b>
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.02 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.027 H 999 240 VERT(CL): 0.055 H 999 180 HORZ(LL): 0.120 H HORZ(TL): 0.166 F Creep Factor: 2.0 Max TC CSI: 0.425 Max BC CSI: 0.394 Max Web CSI: 0.838  VIEW Ver: 23.02.01A.1204.18	
Lumber				

	<b>▲</b> M	laxim	um Rea	actions (II	os)		
		(	avity	•	No	on-Gra	vity
0	Loc	R+	/ R-	/ Rh	/ Rw	/U	/ RL
0	М	683	/-	/-	/455	/65	/178
	F	683	/-	/-	/389	/35	/-
	Win	d rea	ctions b	ased on N	/WFRS		
	М	Brg V	Vid = 5	.5 Min F	Req = 1.5	(Trus	s)
	F	Brg \	Vid = -	Min F	Req = -		
	Bea	ring N	/l is a ri	gid surface	Э.		
	Mer	nbers	not list	ed have fo	orces less	s than	375#
	Max	cimun	n Top (	Chord For	ces Per	Ply (lb	s)
	Cho	ords -	Tens.C	omp.			
	C -	D	130	- 700			

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

#### **Bracing**

(a) Continuous lateral restraint equally spaced on member.

### Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC  $\,@\,$  24" oc.

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)									
Chords	Tens.C	omp.	Chords	Tens. 0	Comp.				
- H H - G		- 22 - 268	G-F	893	- 265				

Maximum Web Forces Per Ply (lbs)										
Webs	Tens.C	omp.	Webs	Tens. (	Comp.					
A - M	287	- 628	I-C	254	- 608					
A - J	598	- 343	H-D	264	- 383					
1 1	E10	171	D E	200	10E2					



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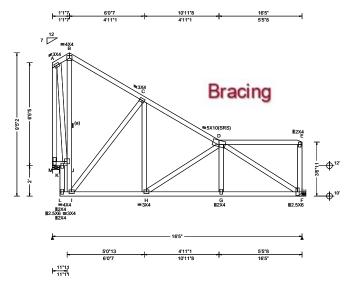
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SEQN: 33689 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T169 FROM: DrwNo: 205.24.1506.46170 Qty: 1 Logan Jack Truss Label: C12 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	▲ Maximum Reactions (lbs)
Loading Criteria (psf)   TCLL: 20.00   TCDL: 10.00   BCLL: 0.00   BCDL: 10.00   Des Ld: 40.00   NCBCLL: 10.00   Soffit: 2.00   Load Duration: 1.25   Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.56 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCbi: 0.18	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.026 H 999 240 VERT(CL): 0.054 H 999 180 HORZ(LL): 0.100 H HORZ(TL): 0.149 F Creep Factor: 2.0 Max TC CSI: 0.396 Max BC CSI: 0.344 Max Web CSI: 0.698	Gravity No
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	C - D 150 -601
Laurelaur	•	•	•	<b>-</b>

#### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

#### **Bracing**

(a) Continuous lateral restraint equally spaced on

### Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC  $\,@\,$  24" oc.

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

### Non-Gravity /U /70 /151 /43 /-.5 (Truss) ss than 375# r Ply (lbs)

Maximum Bot Chord Forces Per Ply (lbs)							
Chords	Tens.C	omp.	Chords	Tens. 0	Comp.		
I - H H - G		- 40 - 290	G-F	789	- 288		

#### Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. A - M 302 - 623 C-H 377 - 131 569 - 337 H-D 301 - 408 A - J J - I 503 - 202 D-F 327 -916 I-C 271 - 580



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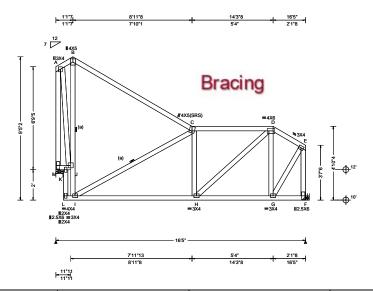
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SEQN: 33691 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T167 FROM: Qty: 1 DrwNo: 205.24.1506.47887 Logan Jack Truss Label: C13 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.026 C 999 240	Loc R+ /R- /Rh /Rw /U /RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.054 C 999 180	M 683 /- /- /437 /77 /151
10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.093 I	F 683 /- /- /381 /41 /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.178 F	Wind reactions based on MWFRS
NCBCLL: 10.00	Mean Height: 16.52 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	M Brg Wid = 5.5 Min Req = 1.5 (Truss)
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.638	F Brg Wid = - Min Req = -
Load Duration: 1.25	MWFRS Parallel Dist: > 2h	TPI Std: 2014	Max BC CSI: 0.498	Bearing M is a rigid surface.  Members not listed have forces less than 375#
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.799	Maximum Top Chord Forces Per Ply (lbs)
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		Chords Tens.Comp.
	GCpi: 0.18	Plate Type(s):		<del></del>
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	C-D 301 -669

#### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

#### **Bracing**

(a) Continuous lateral restraint equally spaced on member.

### Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC  $\,@\,$  24" oc.

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

## Maximum Bot Chord Forces Per Ply (lbs)

Chords Tens.Comp. 682 - 255

### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.	
A - M	318 - 650	H-D	506 - 128	В
A - J	742 - 424	D - G	266 - 389	9
J - I	620 - 154	G-E	540 - 270	6
I-C	433 - 654	E-F	321 - 668	В



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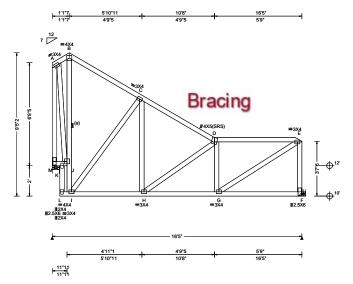
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SEQN: 33703 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T24 FROM: DrwNo: 205.24.1506.56947 Qty: 1 Logan Jack Truss Label: C14 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.64 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.026 H 999 240 VERT(CL): 0.054 H 999 180 HORZ(LL): 0.096 H HORZ(TL): 0.145 B Creep Factor: 2.0 Max TC CSI: 0.458 Max BC CSI: 0.328 Max Web CSI: 0.691  VIEW Ver: 23.02.01A.1204.18	L MFVMFBMCCC
Lumban	GCpi: 0.18	Plate Type(s):	VIEW Ver: 23.02.01A.1204.18	

▲ Maximum Reactions (lbs)								
	Gravity				Non-Gravity			
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
м	683	/-	/-	/445	/71	/146		
F (	681	/-	/-	/358	/43	/-		
Wind	Wind reactions based on MWFRS							
М	M Brg Wid = 5.5 Min Reg = 1.5 (Truss)							
F	F Brg Wid = - Min Reg = -							
Bear	ring M	l is a ri	gid surfa	ace.				
Members not listed have forces less than 375#								
Maximum Top Chord Forces Per Ply (lbs)								
Cho	rds T	ens.C	omp.	Chords	Tens.	Ćomp.		
C - E	)	153	- 586	D-E	273	- 736		

#### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

#### Bracing

(a) Continuous lateral restraint equally spaced on member.

### Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC  $\,@\,$  24" oc.

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

Maximum Bot Chord Forces Per Ply (lbs)								
Chords	Tens.Comp.		Chords	Tens. Comp.				
I_H	128	- 43	H - G	765	- 202			

#### Maximum Web Forces Per Ply (lbs) Tens. Comp. Webs Tens.Comp. Webs A - M C-H 380 - 145 305 - 623 565 308 - 336 H-D -410 A - J 504 - 208 G-E 838 - 298 J - I

E-F

349

-634

274 - 577



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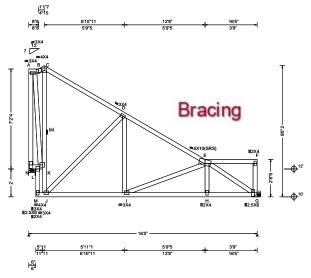
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SEQN: 33705 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T33 FROM: DrwNo: 205.24.1507.00233 Qty: 1 Logan Jack Truss Label: C15 AK / WHK 07/23/2024



Loading Criteria (psf)   TCLL: 20.00   TCDL: 10.00   BCLL: 0.00   BCDL: 10.00   Des Ld: 40.00   NCBCLL: 10.00   Soffit: 2.00   Load Duration: 1.25   Spacing: 24.0   "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.06 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.027 l 999 240 VERT(CL): 0.056 l 999 180 HORZ(LL): 0.124 l HORZ(TL): 0.166 l Creep Factor: 2.0 Max TC CSI: 0.416 Max BC CSI: 0.387 Max Web CSI: 0.895	
Spacing: 24.0 "		·	Max Web CSI: 0.895  VIEW Ver: 23.02.01A.1204.18	Maximum Top Chords Tens.0 D - E 118
Lumber				Mavimum Bat

	▲ Maximum Reactions (lbs)											
		G	avity		No	on-Gra	vity					
)	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL					
)		683		/-	/460	/85						
	G	683	/-	/-	/390	/34	/-					
	Win	d read	ctions b	ased on I	<b>MWFRS</b>							
	N	Brg V	Vid = 5	.5 Min I	Req = 1.5	(Trus	s)					
	G	Brg V	Vid = -	Min I	Req = -							
	Bea	ring N	l is a rig	gid surfac	e.							
	Mer	nbers	not list	ed have f	orces less	s than	375#					
				Chord Fo								
	Cho	rds 7	Tens.Co	omp.		•	•					
	D -	E	118	- 693								

Maximum Bot Chord Forces Per Ply (lbs)									
Chords	Tens.C	omp.	Chords	Tens.	Comp.				
J-   - H	• • • • • • • • • • • • • • • • • • • •	- 12 - 250	H-G	885	- 255				

Webs	Tens.C		Webs	Tens.	Comp.
A - N	332	- 626	J - D	256	- 607
A - K	635	- 390	Ĭ-E	266	- 383
K - J	506	- 176	E-G	297	- 1043

Web Forces Der Dly (lbs)

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# **Bracing**

(a) Continuous lateral restraint equally spaced on member.

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC  $\,@\,$  24" oc.

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).



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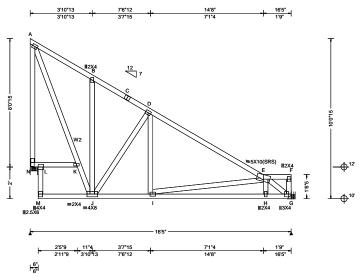
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SEQN: 33700 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T110 FROM: Qty: 1 DrwNo: 205.24.1507.03510 Logan Jack Truss Label: C16 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	4
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.80 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: N	PP Deflection in loc L/defl L/# VERT(LL): 0.059 K 999 240 VERT(CL): 0.100 K 999 180 HORZ(LL): 0.155 B HORZ(TL): 0.209 B Creep Factor: 2.0 Max TC CSI: 0.570 Max BC CSI: 0.486 Max Web CSI: 0.750  VIEW Ver: 23.02.01A.1204.18	
Louishau	•	•	•	- (

	▲ M	axim	um Re	actions	(lbs)			
		(	Gravity		N	on-Gra	vity	
o	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
0	N	683	/-	/-	/487	/86	/223	
	G	683	/-	/-	/413	/7	/-	
	Win	d rea	ctions I	oased o	n MWFRS			
	N	Brg \	Wid = 5	.5 Mi	n Req = 1.5	5 (Trus	s)	
	G	Brg \	Wid = -	Mi	n Req = -	-	•	
	Bea	ring l	N is a ri	gid surfa	ace.			
	Men	nbers	not lis	ted have	e forces les	s than	375#	
	Max	imu	m Top	Chord I	orces Per	Ply (lb	s)	
	Cho	rds	Tens.C	omp.	Chords	Tens.	Ćomp.	_
	A - E	3	162	- 391	D-E	71	- 779	
	ا - C - ۱	)	68	- 405			-	

## Lumber

Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; W2 2x4 SP M-31;

## **Plating Notes**

All plates are 3X4 except as noted.

## Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

## Wind

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

					<b>.</b>	,
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
N	683	/-	/-	/487	/86	/223
G	683	/-	/-	/413	/7	/-
Win	d rea	ctions I	oased or	MWFRS		
N	Brg \	Wid = 5	5.5 Mir	n Req = 1.	5 (Trus:	s)
G	Brg \	Wid = -	Mir	n Req = -		
Bea	ring 1	N is a ri	gid surfa	ice.		
Men	nbers	not lis	ted have	forces les	s than :	375#
Max	imur	n Top	Chord F	orces Per	Ply (lb	s)
Cho	rds	Tens.C	omp.	Chords	Tens.	Comp.
A - I	3	162	- 391	D-E	71	- 779
C-i	_	68	- 405			

# Maximum Bot Chord Forces Per Ply (lbs)

Choras	rens.comp.		Choras	rens. Comp.		
J - I	570	0	H-G	1054	- 226	
I - H	1042	- 235				

## Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.		
A - N	294 - 646	J - D	216 - 525		
A - K	749 - 348	I-E	285 - 470		
K - J	742 - 235	E-G	275 - 1284		



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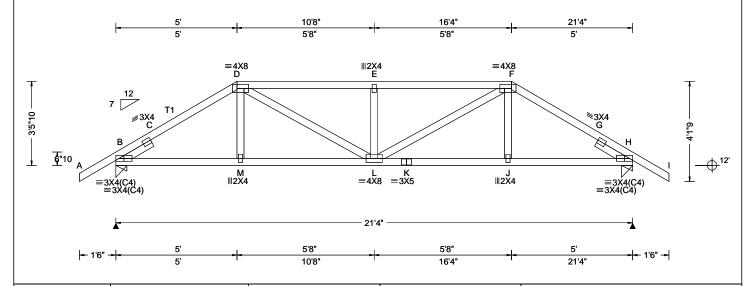
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SEQN: 105892 HIPS Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T80 FROM: DrwNo: 205.24.1507.05597 Qty: 1 Logan Jack Truss Label: C17 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.101 E 999 240	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.203 E 999 180	le
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.032 G	H
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.064 G	١
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	E
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.557	ŀ
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.374	E
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.465	ľ
	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)		ľ
	GCpi: 0.18	Plate Type(s):		] -
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	E
Lumber		•	•	٠, ر

▲ Maxir	▲ Maximum Reactions (lbs)								
	Gravity Non-Gravity								
Loc R+	/ R-	/ Rh	/ Rw	/ U	/ RL				
B 187	7 /-	/-	/-	/447	/-				
H 187	7 /-	/-	/-	/447	/-				
Wind re	actions b	ased on	MWFRS						
B Brg	Wid = 5	5 Min	Req = 1.6	(Trus	s)				
H Brg	Wid = 5	5 Min	Req = 1.6	(Trus	s)				
Bearing	sB&Ha	re a rigio	d surface.		•				
Member	s not list	ed have f	forces less	than 3	375#				
Maximu	ım Top C	hord Fo	rces Per	Ply (lb	s)				
Chords	Tens.Co	mp.	Chords	Tens.	Ćomp.				
B-C	691 -	2860	E-F	872	- 3431				
C-D	670 -	2803	F-G	672	- 2810				
D-F	872 -	2421	G-H	603	- 2867				

Maximum Bot Chord Forces Per Ply (lbs)										
Chords	Tens.C	Comp.	Chords	Tens. (	Comp.					
B - M	2343	- 555	K-J	2371	- 559					
M - L	2366	- 557	J - H	2349	- 558					
L-K	2371	- 559								

Maximum Web Forces Per Ply (lbs)							
Webs	Tens.C	Comp.	Webs	Tens. (	Comp.		
D - M	542	- 25	L-F	1213	- 359		
D-L	1220	- 361	J - F	547	- 26		
E-L	353	- 672					

Top chord: 2x4 SP M-31; T1 2x4 SP #2; Bot chord: 2x4 SP M-31;

Webs: 2x4 SP #3;

Lt Slider: 2x4 SP #3; block length = 1.500' Rt Slider: 2x4 SP #3; block length = 1.500'

Special Loads					
(Lumber	Dur.Fac.=1	.25 / Plate D	Our.Fac.=1.2	25)	
TC: From	63 plf at	-1.50 to	63 plf at	5.00	
TC: From	32 plf at	5.00 to	32 plf at	16.33	
TC: From	63 plf at	16.33 to	63 plf at	22.83	
BC: From	5 plf at	-1.50 to	5 plf at	0.00	
BC: From	20 plf at	0.00 to	20 plf at	5.03	
BC: From	10 plf at	5.03 to	10 plf at	16.30	
BC: From	20 plf at	16.30 to	20 plf at	21.33	
BC: From	5 plf at	21.33 to	5 plf at	22.83	
TC: 136 lb	Conc. Load	at 7.06, 9.	06,10.67,12	2.27	
14.27					
	Conc. Load				
BC: 94 lb	Conc. Load	lat 7.06, 9.	06,10.67,12	2.27	
14.27					

## **Purlins**

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

## Wind

Wind loads and reactions based on MWFRS. Wind loading based on both gable and hip roof types.



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SEQN: 46415 / COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T124 FROM: Qty: 1 DrwNo: 205.24.1159.13216 Logan Jack Truss Label: C18 NW / DF 07/23/2024 9'11<u>"2</u> 14'10" 4'8" 8'1"2 21'4" 4'8' 3'5"2 1'10" 4'10"14 6'6' ≡4X6 E ≅4X5 F =4X6 1114X5(SRS) 3'3"5 5'0"1 6"10 K ≡3X4 ≡3X4 J ≡3X4 | ≡3X4 ≡3X4(B2) =3X4(B2)

4'10"14

14'10"

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Ī
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.059 D 999 240	
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.119 D 999 180	
BCDL: 10.00	Risk Category: II EXP: C Kzt: NA	Snow Duration: NA	HORZ(LL): 0.024 G	
Des Ld: 40.00	Mean Height: 15.00 ft		HORZ(TL): 0.048 G	
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.484	
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.565	
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: Yes	Max Web CSI: 0.218	
	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		4
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	
Lumber				-

5'3"2

9'11"2

4'8"

4'8"

▲ Maximum Reactions (lbs)						
(	Gravity			on-Grav	vity	
Loc R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
B 989	/-	/-	/583	/177	/142	
G 989	/-	/-	/586	/177	/-	
Wind rea	ctions ba	ased on	MWFRS			
B Brg	Wid = 5.	5 Min	Req = 1.5	5 (Truss	s)	
G Brg	Wid = 5.	5 Min	Req = 1.5	5 (Truss	s)	
Bearings	B&Ga	re a rigio	d surface.			
Members	not liste	ed have t	forces les	s than 3	375#	
Maximu	n Top C	hord Fo	rces Per	Ply (lb	s)	
Chords	Tens.Co	mp.	Chords	Tens.	Comp.	
В-С	624 -	1313	E-F	571	- 1016	
J C - D	590 -	1090	F-G	591	- 1268	
D - E	740 -	1352				

<del>|-</del> 1'6" <del>--|</del>

6'6"

21'4"

# Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)					
Chords	Tens.C	Comp.	Chords	Tens.	Comp.
B-L	1051	- 422	J-I	1156	- 493
1 1/	4444	000		4000	004

## 1444 - 662 1000 - 391 K - J 1156 - 493

## Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. C-L 412 - 136 D-K 331 - 549 L-D 312 - 487 E - K 572 - 251



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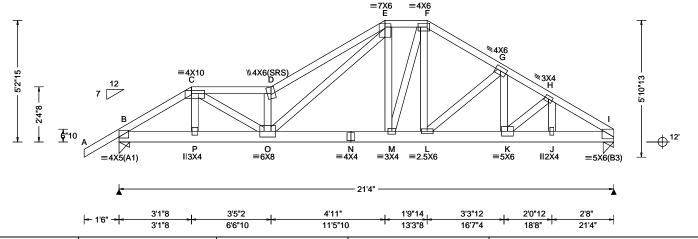
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SEQN: 109432 JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T60 FROM: DrwNo: 205.24.1507.08723 Qty: 1 Logan Jack Truss Label: C19 AK / WHK 07/23/2024





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	4
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.150 D 999 240 VERT(CL): 0.303 D 833 180 HORZ(LL): 0.038 C HORZ(TL): 0.078 C Creep Factor: 2.0 Max TC CSI: 0.716 Max BC CSI: 0.323 Max Web CSI: 0.755  VIEW Ver: 23.02.01A.1204.18	

Top chord: 2x4 SP #2; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3;

## **Special Loads**

---(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) 63 plf at 5 plf at 20 plf at TC: From -1.50 to -1.50 to 63 plf at 5 plf at 21.33 BC: From 0.00 BC: From 0.00 to 20 plf at 435 lb Conc. Load at 3.16 BC: 1048 lb Conc. Load at 16.60 BC: 568 lb Conc. Load at 18.60 BC: 571 lb Conc. Load at 20.60

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

## Wind

Wind loads and reactions based on MWFRS. Wind loading based on both gable and hip roof types.

## ▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL 1680 /-/289 2818 /-/-/275 Wind reactions based on MWFRS Brg Wid = 5.5 Min Reg = 1.5 (Truss) Brg Wid = 5.5 Min Req = 2.3 (Truss) Bearings B & I are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 394 - 2463 341 - 2190 C - D 480 - 3131 G-H 499 - 3421 D-E 618 - 3876 461 - 3674 H - I E-F 282 - 1875

## Maximum Bot Chord Forces Per Ply (lbs)

Tens.Comp.		Chords	Tens. (	Comp.
2062	- 321	M - L	1842	- 276
2094	- 323	L-K	2852	- 414
1859	- 283	K-J	3091	- 384
1859	- 283	J-I	3101	- 380
	2062 2094 1859	Tens.Comp.  2062 - 321 2094 - 323 1859 - 283 1859 - 283	2062 - 321 M - L 2094 - 323 L - K 1859 - 283 K - J	2062 - 321 M - L 1842 2094 - 323 L - K 2852 1859 - 283 K - J 3091

## Maximum Web Forces Per Ply (lbs)

vvebs	rens.Comp.	webs	rens. Comp.
C-P	444 - 35	F-L	874 - 101
C - O	1212 - 183	L-G	187 - 1367
O - D	400 - 2169	G-K	1338 - 137
O - E	1982 - 314		



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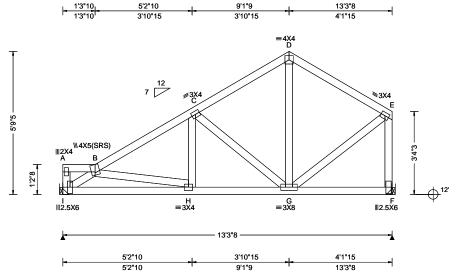
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SEQN: 33577 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T35 FROM: Qty: 1 DrwNo: 205.24.1507.12493 Logan Jack Truss Label: C20 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.012 H 999 240	Ļ
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.025 H 999 180	ı
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.005 F	F
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.010 F	١
NCBCLL: 10.00	Mean Height: 15.49 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	Ľ
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.223	F
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.305	N
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.176	1 -
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		2
	GCpi: 0.18	Plate Type(s):		E
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	9

▲ Max	cimu	ım Re	actions	(lbs)		
	G	ravity		N	lon-Gra	vity
Loc I	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
I 5	53	/-	/-	/315	/81	/118
F 5	53	/-	/-	/309	/101	/-
Wind	reac	tions I	oased or	MWFRS		
I B	rg V	/id = -	Mir	n Req = -		
F B	rg V	/id = -	Mir	n Req = -		
Memb	ers	not lis	ted have	forces les	s than	375#
Maxir	num	Тор	Chord F	orces Per	Ply (lb	s)
Chord	ls T	ens.C	omp.	Chords	Tens.	Comp.
B-C		219	- 737	D-E	181	- 416
C-D		189	- 421			

## Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

## Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)				
Chords	Tens.Comp.	Chords	Tens. Comp.	
I-H	679 - 364	H-G	584 - 223	

Maxim	um Web F	orces	Per Ply (	lbs)	
Webs	Tens.Cor	np.	Webs	Tens.	Comp.
I-B	333 -		F-E	219	- 517



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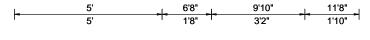
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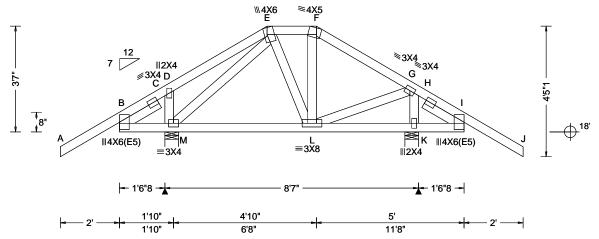
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SEQN: 33829 HIPS Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T95 FROM: DrwNo: 205.24.1507.14407 Qty: 1 Logan Jack Truss Label: D01 AK / WHK 07/23/2024





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	4
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffii: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 19.54 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): 0.007 F 999 240 VERT(CL): 0.013 F 999 180 HORZ(LL): -0.004 C HORZ(TL): 0.009 C Creep Factor: 2.0 Max TC CSI: 0.423 Max BC CSI: 0.310 Max Web CSI: 0.397	N K B N N C
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	Ϊď
Lumber				

▲ Maxi	mum Rea	actions (	lbs)		
	Gravity		N	on-Grav	vity
Loc R	+ /R-	/ Rh	/ Rw	/ U	/ RL
M 992	2 /-	/-	/-	/270	/-
K 95	7 /-	/-	/-	/260	/-
Wind re	eactions b	ased on	MWFRS		
M Br	g Wid = 5	.5 Min	Req = 1.5	(Trus	s)
K Br	g Wid = 5	.5 Min	Req = 1.5	(Trus	s)
Bearing	s M & K	are a rigio	d surface.		
Membe	ers not list	ed have f	orces les	s than 3	375#
Maxim	um Top (	Chord Fo	rces Per	Ply (lb	s)
Chords	Tens.C	omp.	Chords	Tens.	Comp.
C-D	379	- 160	F-G	115	- 558
D-E	408	- 183	G - H	399	- 154
E-F	70	- 427	H - I	382	- 145

Webs

G - K

Maximum Web Forces Per Ply (lbs)

Tens.Comp.

318 - 931

755 - 203

Webs

M - E

L-G

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

Lt Slider: 2x4 SP #3; block length = 1.500' Rt Slider: 2x4 SP #3; block length = 1.500'

## Special Loads

-				
(Lumber	Dur.Fac.=1.	.25 / Plate [	Dur.Fac.=1.2	25)
TC: From	63 plf at	-2.00 to	63 plf at	5.00
TC: From	32 plf at	5.00 to	32 plf at	6.67
TC: From	63 plf at	6.67 to	63 plf at	13.67
BC: From	5 plf at	-2.00 to	5 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	5.03
BC: From	10 plf at	5.03 to	10 plf at	6.64
BC: From	20 plf at	6.64 to	20 plf at	11.67
BC: From	5 plf at	11.67 to	5 plf at	13.67
TC: 280 lb	Conc. Load	at 5.03		
TC: 282 lb	Conc. Load	at 6.64		
BC: 109 lb	Conc. Load	at 5.03		
BC: 105 lb	Conc. Load	at 6.64		

## **Purlins**

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads and reactions based on MWFRS. Left and right cantilevers are exposed to wind Wind loading based on both gable and hip roof types.



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Tens. Comp.

- 872

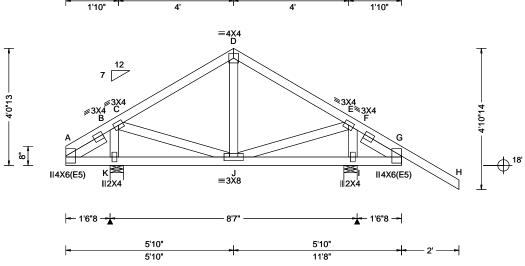
263

SEQN: 47784 / SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T109 FROM: Qty: 1 DrwNo: 205.24.1159.11618 Logan Jack Truss Label: D02 NW / DF 07/23/2024

9'10"

11'8"

5'10"



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	<b>A</b>
Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 19.78 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.004 G 999 240 VERT(CL): 0.009 G 999 180 HORZ(LL): 0.002 F HORZ(TL): 0.005 F Creep Factor: 2.0 Max TC CSI: 0.366 Max BC CSI: 0.113 Max Web CSI: 0.164  VIEW Ver: 23.02.01A.1204.18	K I W K I Be Ma
Lumber				

	▲ M	axin	num Re	actions	s (lbs)		
			Gravity		N	on-Gra	vity
5	Loc	R+	/ R-	/ Rh	ı / Rw	/ U	/ RL
)	ĸ		/-	/-	/319	/89	/132
	1	671	/-	/-	/473	/166	/-
	Win	d rea	actions	based o	n MWFRS		
	K	Brg	Wid =	5.5 M	in $Req = 1$ .	5 (Trus:	s)
	1	Brg	Wid =	5.5 M	in $Req = 1$ .	5 (Trus:	s)
	Bea	rings	sK&la	are a rig	id surface.		
	Mer	nber	s not lis	ted hav	e forces les	s than :	375#
	Max	cimu	m Top	Chord	Forces Per	Ply (lb	s)
	Cho	rds	Tens.C	Comp.	Chords	Tens.	Comp.
	E - I	F	387	- 386	F-G	383	- 389

Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

Lt Slider: 2x4 SP #3; block length = 1.500' Rt Slider: 2x4 SP #3; block length = 1.500'

## Wind

Wind loads based on MWFRS with additional C&C member design.

Left and right cantilevers are exposed to wind Wind loading based on both gable and hip roof types.

## Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 463 - 299 I-G 483 - 324

## Maximum Web Forces Per Ply (lbs) Tens. Comp. Webs Tens.Comp. Webs 236 - 399 E - I 397

K-C - 568 J-E 430 - 304



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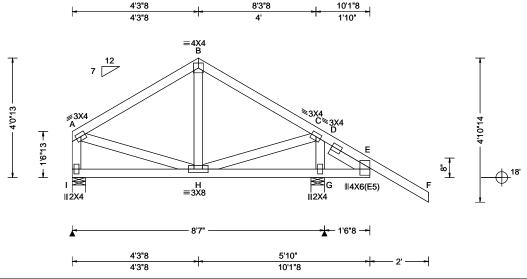
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 47786 / SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T13 / FROM: Qty: 1 DrwNo: 205.24.1159.13655 Logan Jack Truss Label: D03 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 19.78 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.004 E 999 240 VERT(CL): 0.009 E 999 180 HORZ(LL): 0.002 D HORZ(TL): 0.005 D Creep Factor: 2.0 Max TC CSI: 0.367 Max BC CSI: 0.139 Max Web CSI: 0.173  VIEW Ver: 23.02.01A.1204.18

▲ M	axim	um Rea	ctions	(lbs)		
	(	Gravity		N	on-Grav	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
ı	326	/-	/-	/186	/47	/119
G	684	/-	/-	/480	/110	/-
Win	d rea	ctions b	ased or	MWFRS		
1	Brg \	Wid = 5.	5 Mir	Req = 1.	5 (Truss	s)
G	Brg \	Wid = 5.	5 Mir	Req = 1.	5 (Trus	s)
Bea	rings	I & G a	re a rigio	d surface.		
Men	nbers	not liste	ed have	forces les	s than 3	375#
Max	imu	n Top C	hord F	orces Per	Ply (lb	s)
Cho	rds	Tens.Co	omp.	Chords	Tens.	Comp.
C - I	D	390	- 416	D-E	387	- 420

## Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

Rt Slider: 2x4 SP #3; block length = 1.500'

Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Right cantilever is exposed to wind

Wind loading based on both gable and hip roof types.

## Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. H - G 499 - 301 G-E 522

## Maximum Web Forces Per Ply (lbs) Tens. Comp. Webs Tens.Comp. Webs H-C 455 C-G 430 - 583 - 341

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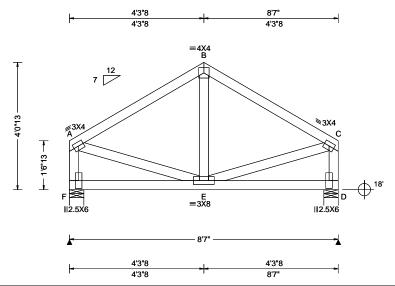
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 47788 / COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T48 / FROM: Qty: 1 DrwNo: 205.24.1159.11226 Logan Jack Truss Label: D04 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.003 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.006 B 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.000 B
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 20.82 ft		HORZ(TL): 0.001 B
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.223
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.161
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: Yes	Max Web CSI: 0.117
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18

## ▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL 357 /196 /68 D 357 /-/-/196 /56 /-Wind reactions based on MWFRS Brg Wid = 5.5 Min Req = 1.5 (Truss) Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings F & D are a rigid surface. Members not listed have forces less than 375#

## Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

## Wind

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



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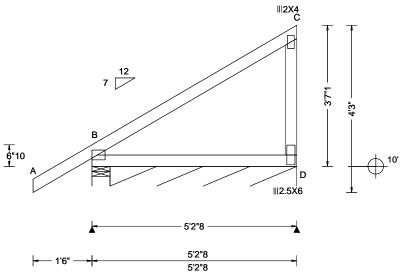
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SEQN: 47022 / SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T55 / FROM: Qty: 1 DrwNo: 205.24.1159.12746 Logan Jack Truss Label: D05 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.003 C
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.007 C
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.419
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.266
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: Yes	Max Web CSI: 0.200
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18

## ▲ Maximum Reactions (lbs), or \*=PLF Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 337 /232 /94 D\* 42 /-/30 /-Wind reactions based on MWFRS Brg Wid = 5.5 Min Req = 1.5 (Truss) Brg Wid = 57.0 Min Req = -Bearings B & B are a rigid surface. Members not listed have forces less than 375#

## Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

## **Plating Notes**

All plates are 3X4(B2) except as noted.

## Wind

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



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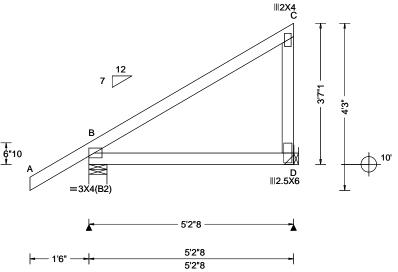
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SEQN: 47024 / SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T1 / FROM: Qty: 2 DrwNo: 205.24.1159.12464 Logan Jack Truss Label: D06 NW / DF 07/23/2024



Loading Criteria (psf) Wind	Criteria Sr	now Criteria (Pg,	Pf in PSF)	DefI/CSI Criteria	١.
1.022.		g: NA Ct: NA	-	PP Deflection in loc L/defl L/#	
		: NA	Ce: NA	VERT(LL): NA	
DOLL. 0.00		: NA Cs: NA		VERT(CL): NA	
1BCDL. 10.00 1	Category: II C Kzt: NA	now Duration: NA		HORZ(LL): 0.003 C	
Dec   d   40 00	Height: 15 00 ft			HORZ(TL): 0.007 C	
INCOCII. 40 00	: 5.0 psf	ilding Code:		Creep Factor: 2.0	
0.46	: 5.0 psf	3C 8th Ed. 2023 R		Max TC CSI: 0.419	
	RS Parallel Dist: > 2h	PI Std: 2014		Max BC CSI: 0.266	
Spacing: 24.0 " C&C I	Jist a. 3.00 it it	ep Fac: Yes		Max Web CSI: 0.200	
Loc. fi		7/RT:20(0)/10(0)			
		ate Type(s):			4
Wind	Duration: 1.60	AVE		VIEW Ver: 23.02.01A.1204.18	

B 337 /- /- /232 /- /5 D 198 /- /- /144 /34 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss)	y
D 198 /- /- /144 /34 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss)	RL
Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss)	/94
B Brg Wid = 5.5 Min Req = 1.5 (Truss)	/-
. ,	
D. Pra Wid - Min Pog -	
D big wid = - will keq = -	
Bearing B is a rigid surface.	
Members not listed have forces less than 375	5#

## Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

## Hangers / Ties

(J) Hanger Support Required, by others

## Wind

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



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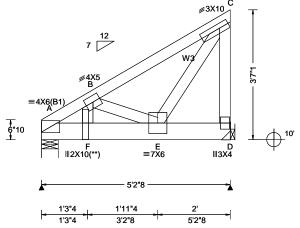
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SEQN: 33844 MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T92 FROM: DrwNo: 205.24.1511.45073 Qty: 1 Logan Jack Truss Label: D07 AK / WHK 07/23/2024





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	4
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffii: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf WWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.022 E 999 240 VERT(CL): 0.043 E 999 180 HORZ(LL): -0.009 C HORZ(TL): 0.018 C Creep Factor: 2.0 Max TC CSI: 0.394 Max BC CSI: 0.339 Max Web CSI: 0.645  VIEW Ver: 23.02.01A.1204.18	
Lumber				

▲ Maximum Reactions (lbs)								
	G	ravity		No	on-Gra	vity		
Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL		
Α	2489	/-	/-	/8	/-	/-		
D	1825	/-	/-	/-	/76	/-		
Win	d read	tions ba	sed on	<b>MWFRS</b>				
Α	Brg V	Vid = 5.5	Min	Req = 2.7	l (Trus	s)		
D	Brg V	Vid = -	Min	Req = -				
Bea	ring A	is a rigio	d surfac	ce.				
Mer	nbers	not listed	d have	forces less	s than	375#		
Maximum Top Chord Forces Per Ply (lbs)								
Cho	rds T	ens.Con	np.	Chords	Tens.	Ćomp.		
A - I	В	1 - 3	038	B - C	71	- 1787		

## Lumber

Top chord: 2x4 SP #2; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3; W3 2x4 SP #2;

## **Special Loads**

---(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 32 plf at 0.00 to 3 BC: From 10 plf at 0.00 to 1 BC: 2049 lb Conc. Load at 1.27, 3.27 32 plf at 10 plf at TC: From BC: From

# **Plating Notes**

(\*\*) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

## Hangers / Ties

(J) Hanger Support Required, by others

Wind loads and reactions based on MWFRS. Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

## Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 2541 2450

Maximum Web Forces Per Ply (lbs)						
Webs	Tens.Co	mp.	Webs	Tens.	Comp.	
F - B B - E	1176 0 -	0 1037	E - C C - D	2857 69	- 92 - 1608	



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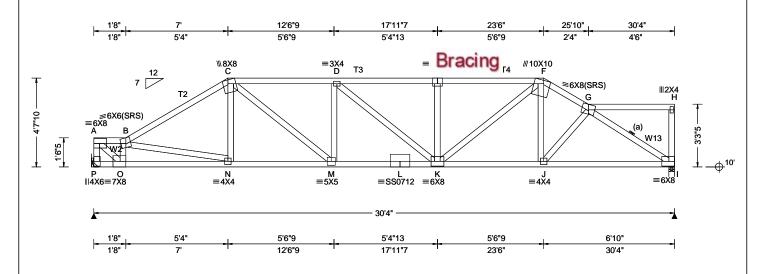
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SEQN: 46885 / SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T120 FROM: DrwNo: 205.24.1159.14094 Qty: 1 Logan Jack Truss Label: E01 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.252 E 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.511 E 712 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.083 I
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.169 I
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.795
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.849
Spacing: 24.0 "	C&C Dist a: 3.03 ft ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.861
-	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE, 18SS	VIEW Ver: 23.02.01A.1204.18
Lumber	_	Wind	·

## Lumber

Top chord: 2x4 SP #2; T2,T3,T4 2x4 SP M-31;

Bot chord: 2x4 SP M-31; Webs: 2x4 SP #3; W2 2x4 SP M-31; W13 2x4 SP #2;

(a) Continuous lateral restraint equally spaced on member.

## **Special Loads**

(Lumber	Dur.Fac.=1.	.25 / Plate [	Our.Fac.=1.2	25)
TC: From	63 plf at	0.00 to	63 plf at	7.00
TC: From	32 plf at	7.00 to	32 plf at	23.50
TC: From	63 plf at	23.50 to	63 plf at	30.33
BC: From	20 plf at	0.00 to	20 plf at	7.03
BC: From	10 plf at	7.03 to	10 plf at	23.47
BC: From	20 plf at	23.47 to	20 plf at	30.33
TC: 197 lb	Conc. Load	at 9.06,11	.06,13.06,1	5.06
15.44,17.44,1				
BC: 910 lb	Conc. Load	at 7.03,23	.47	
BC: 133 lb	Conc. Load	at 9.06,11	.06,13.06,1	5.06
15.44,17.44,1	19.44,21.44			

## Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

The TC of this truss shall be braced with attached spans at 24" oc in lieu of structural sheathing.

Wind loads and reactions based on MWFRS. End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

## Deflection

Max JT VERT DEFL: LL: 0.25" DL: 0.26". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

## ▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL 3140 /-/489 /-3160 /-/-/492 /-Wind reactions based on MWFRS Brg Wid = -Min Reg = Brg Wid = 3.5 Min Req = 2.6 (Truss) Bearing I is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 518 - 3395 B - C 863 - 5483 E-F 956 - 6293 C-D 948 - 6270 F-G 818 - 5328

# Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. (	Comp.	
O - N	4126	- 643	L-K	6322	- 967	
N - M	4680	- 722	K - J	4597	- 701	
M - L	6322	- 967	J - I	4497	- 709	

# Maximum Web Forces Per Ply (lbs)

webs	Tens.Comp.	webs	i ens.	Comp.
A - P	469 - 3063	M - D	290	- 787
A - O	4542 - 693	E-K	294	- 793
O - B	540 - 3145	K-F	2152	- 323
B - N	569 - 81	F-J	982	-84
C - N	991 - 76	G-I	848	- 5371
C - M	2037 - 289			



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SEQN: 46214 / COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T158 FROM: DrwNo: 205.24.1159.11805 Qty: 1 Logan Jack Truss Label: E02 NW / DF 07/23/2024 3'8 15'3' 21'6' 23'10' 30'4' 3'8' 6'3" 6'3" 2'4" 6'6" Bracing =5X6 C =5X6 /// 4X6(SRS) ≡4X6 G ≡5X5(SRS 5'9"10 2'8"5 M ∥4X6 =3X4 =3X4 =3X8 =3X4 **∥4**X6 30'4" 6'3" 6'3" 8'10" 9' 15'3' 21'6' 30'4"

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	1
TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.03 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.082 D 999 240 VERT(CL): 0.170 D 999 180 HORZ(LL): 0.028 H HORZ(TL): 0.058 H Creep Factor: 2.0 Max TC CSI: 0.639 Max BC CSI: 0.386 Max Web CSI: 0.753  VIEW Ver: 23.02.01A.1204.18	
Lumber				•

▲ Max	imum F	Reactions	(lbs)			
	Gravit	ty	N	on-Grav	/ity	
Loc R	+ /R	- / Rh	/ Rw	/ U	/ RL	
M 12	61 /-	/-	/673	/218	/80	
H 12	61 /-	/-	/631	/235	/-	
Wind r	eaction	s based o	n MWFRS			
M Br	g Wid =	- Mi	n Req = -			
H Br	g Wid =	= 3.5 Mi	n Req = 1.	5 (Truss	s)	
Bearing	g H is a	rigid surf	ace.			
Membe	ers not	listed hav	e forces les	s than 3	375#	
			Forces Per		•	
Chords	Tens	.Comp.	Chords	Tens.	Comp.	
в-с	817	7 - 1821	D-E	959	- 1782	
C-D	959	- 1782	E-F	878	- 1765	

Top chord: 2x4 SP #2; Bot chord: 2x4 SP M-31; Webs: 2x4 SP #3;

## **Bracing**

(a) Continuous lateral restraint equally spaced on member.

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

# Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Tens.Comp. Chords	Tens. Comp.		
M - L	1686	- 870	J - I	1480	- 711	
L-K	1505	- 701	I - H	1586	- 818	
K - J	1505	- 701				

## Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
M - B	958 - 1994	J-E	402 - 265
C - L	384 0	E-I	414 - 97
D-J	392 - 420	F-H	969 - 1880



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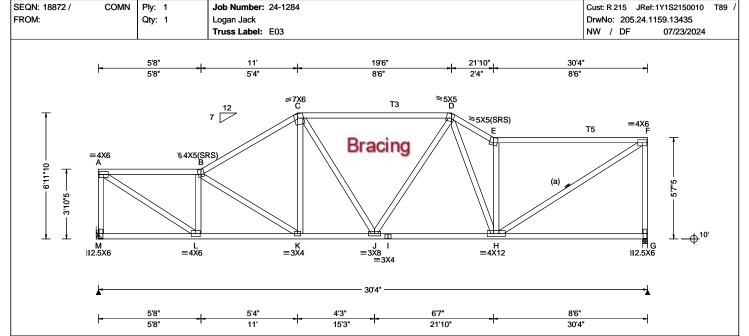
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	▲ Max
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.41 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.03 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.081 E 999 240 VERT(CL): 0.168 E 999 180 HORZ(LL): 0.025 A HORZ(TL): 0.053 A Creep Factor: 2.0 Max TC CSI: 0.699 Max BC CSI: 0.732 Max Web CSI: 0.725  VIEW Ver: 23.02.01A.1204.18	Loc F M 12 G 12 Wind r M Bi G Bi Bearin Membi Maxim Chords A - B B - C

## Loc R+ /Rh /Rw /U /RL 1261 /-/664 /217 1261 /-/-/639 /239 /-Wind reactions based on MWFRS Brg Wid = -Min Reg = М Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearing G is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 697 - 1600 936 - 1832

766 - 1659

548 - 248 Non-Gravity

743 - 1508

▲ Maximum Reactions (lbs) Gravity

member.

**Bracing** (a) Continuous lateral restraint equally spaced on

Top chord: 2x4 SP #2; T3,T5 2x4 SP M-31;

## Hangers / Ties

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

## C-D 716 - 1394 Maximum Bot Chord Forces Per Ply (lbs) Tens. Comp. Chords Tens.Comp. Chords 1676 - 808 J - I 1352 - 678 L - K I - H K-J 1372 - 664 1352 -678

Maximum Web Forces Per Ply (lbs)								
Webs	Tens.Comp.	Webs	Tens. (	Comp.				
A - M	607 - 1213	E-H	799	- 1295				
A - L	1904 - 825	H - F	1786	- 881				
L-B	525 - 939	F-G	687	- 1192				



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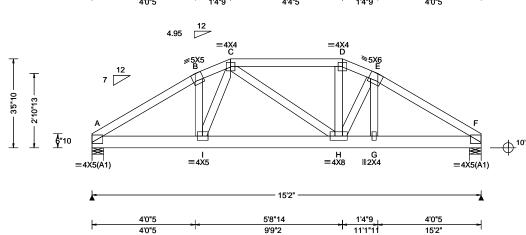
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria		
Coading Criteria (psf)   TCLL: 20.00   TCDL: 10.00   BCLL: 0.00   BCDL: 10.00   Des Ld: 40.00   NCBCLL: 0.00   Soffit: 2.00   Load Duration: 1.25   Spacing: 24.0   "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s):	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.046 H 999 240 VERT(CL): 0.092 H 999 180 HORZ(LL): 0.012 F HORZ(TL): 0.024 F Creep Factor: 2.0 Max TC CSI: 0.411 Max BC CSI: 0.307 Max Web CSI: 0.254		
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18		
I complete		\A/!			

## Lumber

Top chord: 2x4 SP #2; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3;

## **Nailnote**

Nail Schedule:0.131"x3", min. nails Top Chord: 1 Row @12.00" o.c. Bot Chord: 1 Row @ 4.50" o.c. Webs : 1 Row @ 4" o.c.

Use equal spacing between rows and stagger nails

in each row to avoid splitting.

## **Special Loads**

--(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) 32 plf at 0.00 to 32 plf at TC: From 31 plf at 4.02 to 31 plf at 11.14 TC: From TC: From 32 plf at 11.14 to 32 plf at 15.17 From 10 plf at 0.00 to 1 77 lb Conc. Load at 4.02,11.14 127 lb Conc. Load at 5.00,10.17 BC: From TC: 77 10 plf at 15.17 TC: 243 lb Conc. Load at 5.46, 9.71 112 lb Conc. Load at 7.58 TC: BC: 683 lb Conc. Load at 1.60, 3.60, 7.44,11.44 13.44 BC: 26 lb Conc. Load at 4.02,11.14 BC: 89 lb Conc. Load at 5.00,10.17 767 lb Conc. Load at 5.44 39 lb Conc. Load at 7.58 BC: BC: 681 lb Conc. Load at 9.44 BC: 86 lb Conc. Load at 9.71

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind

Wind loads and reactions based on MWFRS. Wind loading based on both gable and hip roof types.

# ▲ Maximum Reactions (lbs)

C-D

Gravity				Non-Gravity				
Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL		
Α	3455	/-	/-	/-	/321	/-		
F	3391		/-	, /-	/300	/-		
Win	d read	tions ba	ased on	MWFRS				
Α	Brg V	Vid = 5.5	5 Min	Req = 1.5	(Trus	s)		
F	Brg V	Vid = 5.5	5 Min	Req = 1.5	(Trus	s)		
Bea	rings	A & Fa	re a rigio	surface.	•	•		
Mer	nbers	not liste	d have	forces less	than 3	375#		
Max	cimun	Top C	hord Fo	rces Per	Ply (lb	s)		
Cho	Chords Tens.Comp. Chords Tens. Comp.							
Α-	В	267 - 2	2653	D-E	250	- 2456		
В-	_	248 - 2		Ē-F	249	- 2528		

## Maximum Bot Chord Forces Per Ply (lbs)

226 - 2296

Chords	Tens.Comp.	Chords	Tens. Comp.		
A - I	2259 - 224	H - G	2162 - 206		
I - H	2114 - 228	G - F	2155 - 208		

## Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.		Webs Tens. C		omp.
I-C	564	Λ	H - D	667	Λ



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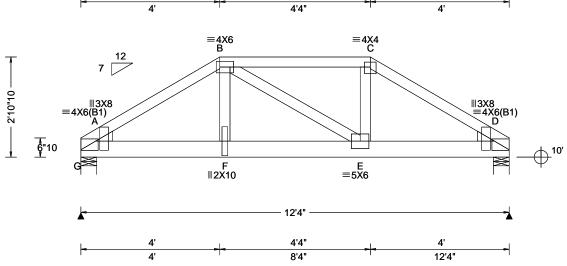
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 33630 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T20 FROM: Qty: 1 DrwNo: 205.24.1510.56710 Logan Jack Truss Label: E05 AK / WHK 07/23/2024

8'4'

12'4'



BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "  Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf Loc. from endwall: not in 4.50 ft GCpi: 0.18  Enclosure: Closed Risk Category: II EXP: C Kzt: NA Snow Duration: NA HORZ(LL): 0.008 D HORZ(TL): 0.017 D Creep Factor: 2.0 Max TC CSI: 0.309 Max BC CSI: 0.310 Max BC CSI: 0.310 Max Web CSI: 0.490 Plate Type(s):	Loading Criteria	(psf) Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
Wind Duration: 1.60   WAVE   VIEW Ver: 23.02.01A.1204.18	TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.	Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18	Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0)	VERT(LL): 0.037 E 999 240 VERT(CL): 0.074 E 999 180 HORZ(LL): 0.008 D HORZ(TL): 0.017 D Creep Factor: 2.0 Max TC CSI: 0.309 Max BC CSI: 0.310 Max Web CSI: 0.490
AAVAC		Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18

4

▲ Maximum Reactions (lbs)									
▲ Maximum Reactions (lbs)									
Gravity Non-Gravity									
Loc R+ /R- /Rh /Rw /U /RL									
G 2467 /- /- /- /2 /-									
D 2035 /- /- /- /4 /-									
Wind reactions based on MWFRS									
G Brg Wid = 5.5 Min Req = 2.0 (Truss)									
D Brg Wid = 5.5 Min Req = 1.7 (Truss)									
Bearings G & D are a rigid surface.									
Members not listed have forces less than 375#									
Maximum Top Chord Forces Per Ply (lbs)									
Chords Tens.Comp. Chords Tens.Com	p.								
A - B 38 - 2873 C - D 24 - 279	 25								
B-C 8-2541	,,,								

Top chord: 2x4 SP #2; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3;

Lt Wedge: 2x4 SP #3;Rt Wedge: 2x4 SP #3;

## **Special Loads**

----(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 63 plf at 0.00 to 63 plf at 2.60
TC: From 32 plf at 2.60 to 32 plf at 12.33 BC: From 10 plf at 0.00 to 10 plf at 12.33 BC: 651 lb Conc. Load at 0.60, 2.60, 6.60, 8.60 10.60

BC: 650 lb Conc. Load at 4.60

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

## Wind

Wind loads and reactions based on MWFRS. Wind loading based on both gable and hip roof types.

# Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.		
A - F	2441	- 17	E-D	2392	- 13	
F-E	2516	- 15				

## Maximum Web Forces Per Ply (lbs)

Webs	Tens.Co	mp.	Webs	Tens. Comp.	
B - F	1273	0	E-C	1286	0



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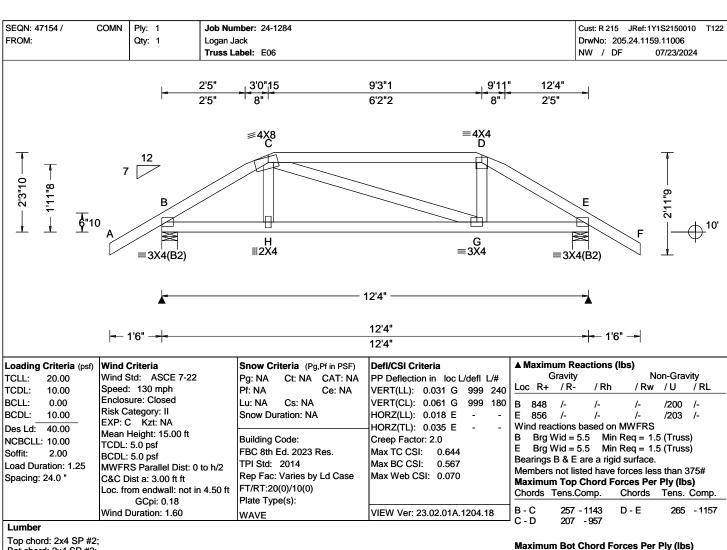
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Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

## **Special Loads**

(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)									
TC: Fro	m	63 plf	at	-1.50	to	63 plf a	at	2.41	
TC: Fro	m	32 plf	at	2.41	to	32 plf a	at	9.86	
TC: Fro	m	63 plf	at	9.86	to	63 plf a	at '	13.83	
BC: Fro	om	5 plf	at	-1.50	to	5 plf	at	0.00	
BC: Fro	om	20 plf	at	0.00	to	20 plf a	at	2.48	
BC: Fro	om	10 plf	at	2.48	to	10 plf a	at	9.86	
BC: Fro	om	20 plf	at	9.86	to	20 plf a	at	12.33	
BC: Fro			at '			5 plf a	at	13.83	
TC:	59 lb C	onc. L	oad a	t 2.48	3, 9.8	6			
TC:	98 lb C	onc. L	oad a	t 3.30	), 9.04	4			
TC: (	68 lb C	onc. L	oad a	t 5.35	5, 7.3	5			
	48 lb C								
	64 lb C	Conc. L	oad a	t 3.30	), 9.0	4			
BC:	54 lb C	Conc. L	oad a	t 5.35	5, 7.3	5			
Purlins									

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads and reactions based on MWFRS. Wind loading based on both gable and hip roof types.



Chords Tens.Comp.

H - G

933 - 206

933 - 206

Chords

G - E

Tens. Comp.

- 213

944

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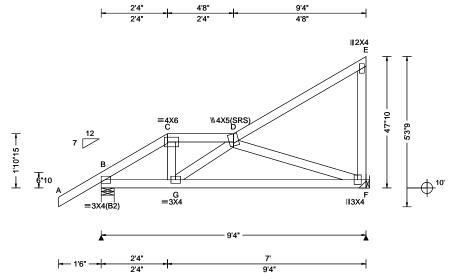
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SEQN: 47455 / MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T150 FROM: Qty: 4 DrwNo: 205.24.1159.12903 Logan Jack Truss Label: E13 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.014 D 999 240 VERT(CL): 0.028 D 999 180 HORZ(LL): -0.005 E HORZ(TL): 0.010 E Creep Factor: 2.0 Max TC CSI: 0.388 Max BC CSI: 0.474 Max Web CSI: 0.283  VIEW Ver: 23.02.01A.1204.18
Lumber			

	▲ Maximum Reactions (lbs)								
		G	ravity		` ´ N	on-Gra	vity		
)	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
)		517		/-	/-	/103	/-		
		381		/-	/-	/61	/-		
	Wind reactions based on MWFRS								
	В	Brg V	Vid = 5	.5 Mir	n Req = 1.5	5 (Trus:	s)		
	F	Brg V	Vid = -	Mir	Reg = -	•	-		
	Bear	ing B	is a ric	gid surfa	ice.				
					forces les	s than :	375#		
	Maximum Top Chord Forces Per Ply (lbs)								
	Cho	rds 1	ens.C	omp.	Chords	Tens.	Ćomp.		
	В-С	;	57	- 549	C - D	29	- 449		

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

## **Special Loads**

---(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) 63 plf at 5 plf at 20 plf at TC: From BC: From -1.50 to -1.50 to 63 plf at 5 plf at 9.33 0.00 BC: From 0.00 to 20 plf at 16 lb Conc. Load at 2.33 4 lb Conc. Load at 2.33

## Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads and reactions based on MWFRS. Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 413

Maximum Web Forces Per Ply (lbs) Webs Tens.Comp.

121 - 600



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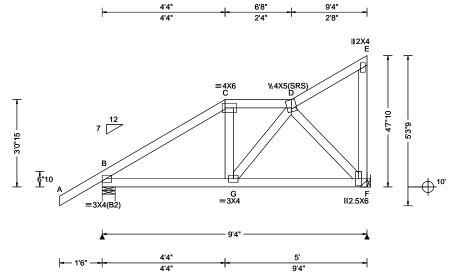
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SEQN: 47792 / MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T86 / FROM: Qty: 2 DrwNo: 205.24.1159.11539 Logan Jack Truss Label: E14 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.006 C 999 240	Loc R+ /R- /Rh /Rw /U /RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.012 C 999 180	B 501 /- /- /327 /58 /167
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.003 F	F 376 /- /- /245 /96 /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.005 F	Wind reactions based on MWFRS
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	B Brg Wid = 5.5 Min Req = 1.5 (Truss)
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.247	F Brg Wid = - Min Req = -
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.249	Bearing B is a rigid surface.  Members not listed have forces less than 375#
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: Yes	Max Web CSI: 0.110	Maximum Top Chord Forces Per Ply (lbs)
' '	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		Chords Tens.Comp.
	GCpi: 0.18	Plate Type(s):		<u> </u>
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	B - C 174 - 458
Lumber				_

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

## Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.



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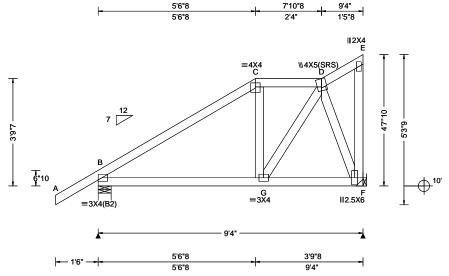
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SEQN: 47451 / MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T63 / FROM: Qty: 2 DrwNo: 205.24.1159.13670 Logan Jack Truss Label: E15 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	▲ Maximum Reactions (Ibs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): 0.003 C 999 240 VERT(CL): 0.006 C 999 180 HORZ(LL): -0.002 E HORZ(TL): 0.003 E Creep Factor: 2.0 Max TC CSI: 0.294 Max BC CSI: 0.267 Max Web CSI: 0.103	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	B - C 129 - 412
Lumber				•

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

## Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.



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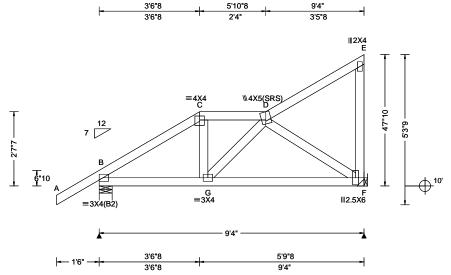
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SEQN: 47453 / MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T141 FROM: Qty: 2 DrwNo: 205.24.1159.11289 Logan Jack Truss Label: E16 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	<b>A</b>
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.008 G 999 240 VERT(CL): 0.016 G 999 180 HORZ(LL): 0.003 F HORZ(TL): 0.007 F Creep Factor: 2.0 Max TC CSI: 0.246 Max BC CSI: 0.310 Max Web CSI: 0.144  VIEW Ver: 23.02.01A.1204.18	Lo B F W B F Be Ma
Lumber				

axim	um Rea	ctions (II	os)		
(	Gravity		No	on-Gra	vity
R+	/ R-	/ Rh	/ Rw	/ U	/ RL
501	/-	/-	/324	/58	/167
376	/-	/-	/248	/96	/-
d rea	ctions b	ased on N	/WFRS		
Brg \	Vid = 5.	5 Min F	Req = 1.5	(Trus	s)
Brg \	Vid = -	Min F	?eq = -	•	•
ring E	3 is a rig	id surface	). ).		
nbers	not liste	ed have fo	rces les	s than	375#
timur	n Top C	hord For	ces Per	Ply (lk	os)
rds	Tens.Co	mp.		٠.	•
	404	407			
ن	194	- 487			
	R+ 501 376 d rea Brg \ Brg \ ring E	Gravity R+ / R-  501 /- 376 /- d reactions b. Brg Wid = 5. Brg Wid = - ring B is a rig nbers not liste timum Top C	Gravity R+ /R- /Rh  501 /- /- 376 /- /- d reactions based on N Brg Wid = 5.5 Min F Brg Wid = - Min F ring B is a rigid surface nbers not listed have for timum Top Chord For rds Tens.Comp.	R+ / R- / Rh / Rw  501 /- /- /324 376 /- /- /248 d reactions based on MWFRS Brg Wid = 5.5 Min Req = 1.5 Brg Wid = - Min Req = - ring B is a rigid surface.  nbers not listed have forces less timum Top Chord Forces Per rds Tens.Comp.	Gravity Non-Gra  R+ / R- / Rh / Rw / U  501 /- /- /324 /58  376 /- /- /248 /96 d reactions based on MWFRS Brg Wid = 5.5 Min Req = 1.5 (Trus Brg Wid = - Min Req = - ring B is a rigid surface.  nbers not listed have forces less than timum Top Chord Forces Per Ply (Ik

## Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

## Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

# Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. 375 - 419



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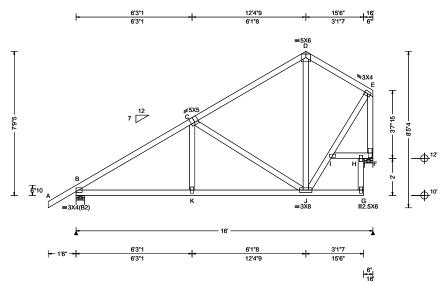
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SEQN: 33605 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T176 FROM: DrwNo: 205.24.1510.37040 Qty: 1 Logan Jack Truss Label: G01 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.020 K 999 240 VERT(CL): 0.040 K 999 180 HORZ(LL): 0.007 G HORZ(TL): 0.015 G Creep Factor: 2.0 Max TC CSI: 0.393 Max BC CSI: 0.374 Max Web CSI: 0.503  VIEW Ver: 23.02.01A.1204.18	

▲ Ma	▲ Maximum Reactions (lbs)						
	(	3ravity		N	on-Grav	vity	
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
В	775	/-	/-	/496	/105	/206	
F	657	/-	/-	/397	/138	/-	
Win	d rea	ctions b	ased or	n MWFRS			
В	Brg \	Nid = 5	.5 Mii	n Req = 1.	5 (Trus	s)	
F	Brg \	Nid = 5	.5 Mii	n Req = 1.	5 (Trus:	s)	
Bea	rings	В&На	are a rig	id surface.	•	•	
Men	nbers	not list	ed have	forces les	s than 3	375#	
Max	imur	n Top (	Chord F	orces Per	Plv (lb	s)	
				Chords		•	
В-(	2	141	- 903	C - D	125	- 415	

## Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

## **Plating Notes**

All plates are 2X4 except as noted.

## Wind

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

Maximu	m Bot Chord F	orces Per	Ply (lbs)	
Chords	Tens.Comp.	Chords	Tens. Comp.	
B - K	694 - 234	K-J	692 - 235	

## Maximum Web Forces Per Ply (lbs) Tens.Comp. Tens. Comp. Webs Webs C-J 201 - 504 1 - E 479 - 128 J - I E-F - 635 477 - 131 211



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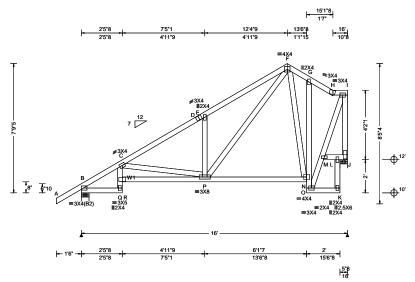
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SEQN: 33611 MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T175 FROM: DrwNo: 205.24.1510.41163 Qty: 1 Logan Jack Truss Label: G02 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	•
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.063 C 999 240 VERT(CL): 0.129 C 999 180 HORZ(LL): 0.067 K HORZ(TL): 0.138 K Creep Factor: 2.0 Max TC CSI: 0.415 Max BC CSI: 0.599 Max Web CSI: 0.655  VIEW Ver: 23.02.01A.1204.18	
I • •				_

	▲ Maxi	mum Rea	actions (	lbs)		
		Gravity		No	on-Grav	vity
)	Loc R	+ /R-	/ Rh	/ Rw	/ U	/ RL
)	B 775	5 /-	/-	/499	/5	/203
	J 657	7 /-	/-	/403	/48	/-
	Wind re	eactions b	ased on	MWFRS		
	B Bro	g Wid = 5	.5 Min	Req = 1.5	(Trus	s)
	J Br	g Wid = 5	.5 Min	Req = 1.5	(Trus	s)
		as B & La			•	,
	Membe	rs not list	ed have t	forces les	s than 3	375#
	Maxim	um Top (	Chord Fo	rces Per	Plv (lb	s)
				Chords		•
	B-C	131	- 952	D-E	170	- 755
	C - D	168	- 904	F-F	312	- 926

## Lumber

Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; W1 2x4 SP M-31;

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

## Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

753 - 294

# Maximum Web Forces Per Ply (lbs)

AA GD2	rens.comp.	MEDS	rens. Comp.	
C - P P - F	247 - 527	N - M	546 - 186	
P-F	756 - 258	M - I	544 - 180	
O - N	179 - 479	I - J	260 - 644	



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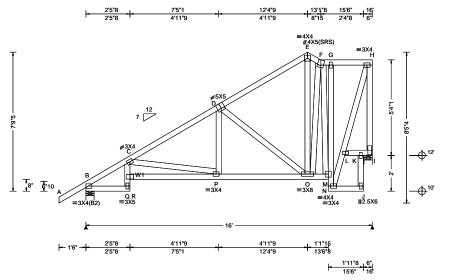
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For more information see these web sites: Alpine: alpineitw.com: TPI: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.org



SEQN: 33715 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T65 FROM: Qty: 1 DrwNo: 205.24.1510.43540 Logan Jack Truss Label: G03 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.062 C 999 240	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.127 C 999 180	E
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.066 J	1
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.135 J	٧
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	E
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.430	ľ
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.460	E
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.640	ľ
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		"
	GCpi: 0.18	Plate Type(s):		] <del>`</del>
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	E
Lumber	•	•	•	- (

▲ M	▲ Maximum Reactions (lbs)						
	Gravity Non-Gravity						
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
В	775	/-	/-	/507	/4	/203	
1	657	/-	/-	/415	/96	/-	
Win	d rea	actions b	ased o	n MWFRS			
В	Brg	Wid = 5.	5 Mi	n Req = 1.	5 (Trus	s)	
1	Brg	Wid = 5.	5 Mi	n Req = 1.	5 (Trus	s)	
Bea				id surface.		•	
	_		_	forces les		375#	
Max	timu	m Top C	hord F	orces Pe	Plv (lk	s)	
				Chords		•	
В-(	С	115	- 956	D-E	112	- 416	
l C - I	D	156	- 899				

## Lumber

Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; W1 2x4 SP M-31;

## **Plating Notes**

All plates are 2X4 except as noted.

# **Purlins**

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

D	113	/-	,	/50/	/4	/203				
1	657	/-	/-	/415	/96	/-				
Wind reactions based on MWFRS										
B Brg Wid = 5.5 Min Req = 1.5 (Truss)										
I Brg Wid = 5.5 Min Req = 1.5 (Truss)										
Bea	arings	<b>B&amp;K</b>	are a rig	id surface.	•	-				
Me	mber	s not lis	ted have	forces les	s than 3	375#				
Ma	ximu	m Top	Chord F	orces Per	Ply (lb	s)				
Chords Tens.Comp.										
Ch	ords	Tens.C	comp.	Chords	Tens.	Comp.				
_		Tens.C			Tens.					
Ch B - C -	С			Chords D - E						
В-	С	115	- 956							

# Maximum Bot Chord Forces Per Ply (lbs)

Cnoras	rens.comp.		Cnoras	rens. (	Jomp.
B-R	758	- 329	P-0	710	- 291
Q - P	1256	- 542			

## Maximum Web Forces Per Ply (lbs)

Webs	Webs Tens.Comp.		Tens. Comp.		
C - P	264 - 543	M - L	599	- 296	
D - O	215 - 549	L-H	601	- 290	
F-N	149 - 435	H - I	363	- 645	
N - M	284 - 539				



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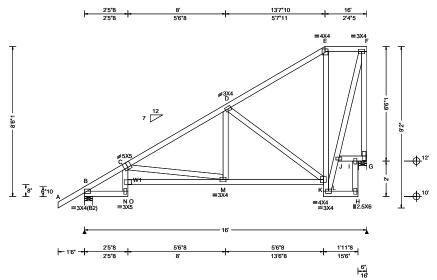
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SEQN: 33719 HIPM Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T185 FROM: DrwNo: 205.24.1507.27640 Qty: 1 Logan Jack Truss Label: G04 AK / WHK 07/23/2024



_					
L	oading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	14
T B B D N S L	CLL: 20.00 CDL: 10.00 CLL: 0.00 CDL: 10.00 es Ld: 40.00 CBCLL: 10.00 offit: 2.00	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft	Pg: NA Ct: NA CAT: NA	Defl/CSI Criteria	
		GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE	VIEW Ver: 23.02.01A.1204.18	E

▲ Maximum Reactions (lbs)									
Gravity				N	on-Grav	vity			
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL			
В	775	/-	/-	/510	/-	/222			
G	657	/-	/-	/439	/112	/-			
Win	d rea	actions b	ased or	MWFRS					
В	Brg	Wid = 5	.5 Mir	n Req = 1.5	5 (Trus	s)			
G	Brg	Wid = 5	.5 Mir	n Req = 1.5	5 (Trus	s)			
Bea	rings	B&la	re a rigio	d surface.					
Mer	nber	s not list	ed have	forces les	s than 3	375#			
Max	timu	m Top (	Chord F	orces Per	Ply (lb	s)			
				Chords					
В-(	С	76	- 966	C-D	97	- 868			

## Lumber

Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; W1 2x4 SP M-31;

## **Plating Notes**

All plates are 2X4 except as noted.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

B - C	76	- 966	C-D	97	- 868						
Maximum Bot Chord Forces Per Ply (lbs)											
Chords	Tens.C	Comp.	Chords	Tens.	Comp.						
B - O	771	- 343	M - L	677	- 275						
N - M	1277	- 564									

Maximum Web Forces Per Ply (lbs)								
Tens.Co	mp.	Webs	Tens. 0	Comp.				
232	- 616	K-J J-F	622 623	- 315 - 308 - 645				
	297 232	Tens.Comp. 297 - 598 232 - 616	Tens.Comp. Webs 297 - 598 K - J	Tens.Comp. Webs Tens. ( 297 -598 K-J 622 232 -616 J-F 623				



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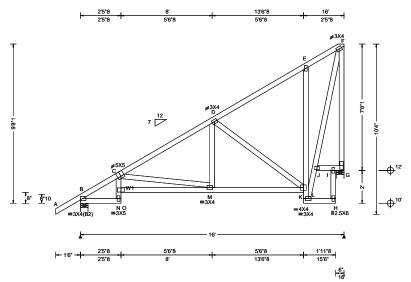
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SEQN: 33722 HIPM Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T12 FROM: DrwNo: 205.24.1507.32140 Qty: 1 Logan Jack Truss Label: G05 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	14
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.065 C 999 240	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.134 C 999 180	E
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.071 H	
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.145 H	۷
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	E
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.438	12
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.601	Ę
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.710	N
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		1"
	GCpi: 0.18	Plate Type(s):		] <del>`</del>
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	E
Lumber	•	•	-	٠.

▲ Maximum Reactions (lbs)									
		(	Gravity		N	lon-Gra	vity		
0	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
0	G	775 659	/-	/- /-	/469	/- /100	/253 /-		
	Win	d rea	actions b	ased o	n MWFRS				
	В	Brg	Wid = 5	.5 Mi	n Req = 1.	5 (Trus	s)		
	G	Brg	Wid = 5	.5 Mi	n Req = 1.	5 (Trus	s)		
	Bea	rings	B&la	re a rigi	d surface.		•		
	Men	nber	s not list	ed hav	e forces les	s than	375#		
	Max	imu	m Top (	Chord I	Forces Pe	Ply (lb	s)		
	Cho	rds	Tens.C	omp.	Chords	Tens.	Comp.		
	В-0	2	15	- 966	C - D	29	- 868		

Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; W1 2x4 SP M-31;

## **Plating Notes**

All plates are 2X4 except as noted.

## Wind

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

Maximum Bot Chord Forces Per Ply (lbs)									
Chords	Tens.Comp.		Chords	Tens. 0	Comp.				
B - O N - M	771 1279		M - L	677	- 261				

Maximum Web Forces Per Ply (lbs)										
Webs	Tens.Comp.		Webs	Tens. Comp.						
C - M	303	- 600	K-J	711	- 296					
D-L	231	- 612	J - F	710	- 289					
L-K	291	- 660	F-G	266	- 643					



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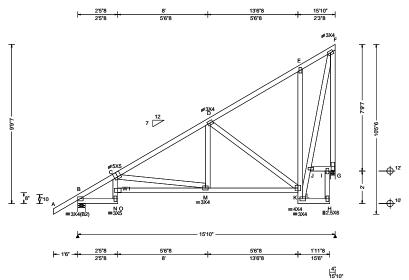
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SEQN: 33725 MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T37 FROM: DrwNo: 205.24.1507.36597 Qty: 1 Logan Jack Truss Label: G06 AK / WHK 07/23/2024



1				
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.064 C 999 240 VERT(CL): 0.132 C 999 180 HORZ(LL): 0.069 H HORZ(TL): 0.140 H Creep Factor: 2.0 Max TC CSI: 0.437 Max BC CSI: 0.598 Max Web CSI: 0.687  VIEW Ver: 23.02.01A.1204.18	

▲ M	axim	um Rea	ctions	(lbs)		
	(	Gravity		No	on-Grav	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	768	/-	/-	/498	/-	/255
G	650	/-	/-	/478	/106	/-
Win	d rea	ctions b	ased on	MWFRS		
В	Brg \	Vid = 5.	5 Min	Req = 1.5	(Trus	s)
G	Brg \	Vid = 3.	5 Min	Req = 1.5	(Trus	s)
Bea	rings	B&lar	e a rigio	I surface.	-	-
Men	nbers	not liste	ed have	forces less	s than 3	375#
Max	imur	n Top C	hord F	orces Per	Ply (lb	s)
Cho	rds	Tens.Co	mp.	Chords	Tens.	Ćomp.
В-(	2	10	955	C-D	22	- 853

## Lumber

Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; W1 2x4 SP M-31;

## **Plating Notes**

All plates are 2X4 except as noted.

## Wind

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

## Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - O 762 - 341 M - L 664 - 260 N - M 1263 - 560

### Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. C - M 306 - 598 K-J 707 - 294 234 - 612 J - F - 290 D-L 707 L-K 291 - 659 F-G 278 - 639



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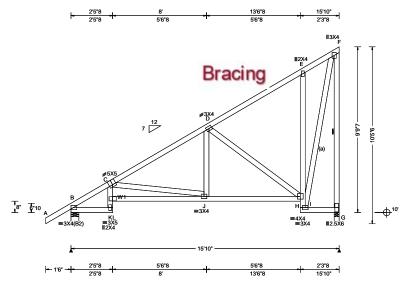
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SEQN: 34504 MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T143 FROM: DrwNo: 205.24.1507.39627 Qty: 2 Logan Jack Truss Label: G07 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.065 C 999 240	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.132 C 999 180	le
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.069 H	
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.140 H	٧
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	E
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.437	15
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.598	E
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.584	
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		ľ
	GCpi: 0.18	Plate Type(s):		1-
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	E

▲ M	axim	num Rea	ctions	(lbs)		
	(	Gravity		N	on-Grav	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	768	/-	/-	/498	/-	/255
G	650	/-	/-	/478	/106	/-
Win	d rea	actions ba	ased on	MWFRS		
В	Brg	Wid $= 5$ .	5 Mir	Req = 1.5	5 (Truss	s)
G	Brg	Wid = 3.	5 Mir	Req = 1.	5 (Trus	s)
Bea	rings	B&Ga	re a rig	id surface.		
Mer	nber	s not liste	ed have	forces les	s than 3	375#
Max	timu	m Top C	hord F	orces Per	Ply (lb	s)
Cho	rds	Tens.Co	mp.	Chords	Tens.	Ćomp.
В-(	С	10	955	C - D	22	- 853

## Lumber

Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; W1 2x4 SP M-31;

(a) Continuous lateral restraint equally spaced on

## Wind

Wind loads based on MWFRS with additional C&C

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

## Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 762 - 341 664 - 260 1263 - 560

## Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. C-J 306 - 598 H-F 709 - 292 D - I 234 - 612 - 641 F-G 280 I-H 291 - 659



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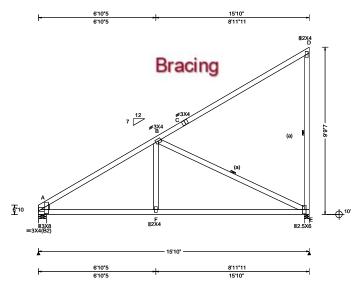
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SEQN: 33732 MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T147 FROM: DrwNo: 205.24.1507.52130 Qty: 1 Logan Jack Truss Label: G08 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	<b>A</b>
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.17 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.020 F 999 240 VERT(CL): 0.042 F 999 180 HORZ(LL): 0.009 E HORZ(TL): 0.018 E Creep Factor: 2.0 Max TC CSI: 0.489 Max BC CSI: 0.866 Max Web CSI: 0.407  VIEW Ver: 23.02.01A.1204.18	A E B M C A

▲ M	axim	um Rea	ctions (II	os)			
Gravity Non-Gravity					vity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
Α	661	/-	/-	/411	/-	/239	
Е	656	/-	/-	/482	/107	/-	
Win	Wind reactions based on MWFRS						
Α	Brg \	Nid = 5.	5 Min F	Req = 1.5	(Trus	s)	
E	Brg \	Nid = 3.	5 Min F	Req = 1.5	(Trus	s)	
Bea	Bearings A & E are a rigid surface.						
Men	nbers	not liste	ed have fo	rces less	s than 3	375#	
Max	imur	n Top C	hord For	ces Per	Ply (lb	s)	
Cho	rds '	Tens.Co	omp.				
A - E	3	8	- 927				

## Lumber

Top chord: 2x4 SP M-31; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Lt Wedge: 2x4 SP #3;

# **Bracing**

(a) Continuous lateral restraint equally spaced on

member.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 738 - 293 F-E 735

## Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs

Tens. Comp. F-B B - E 327 -816



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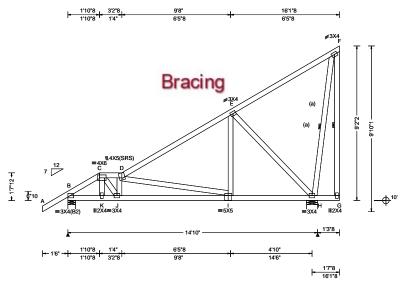
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SEQN: 33735 MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T199 FROM: DrwNo: 205.24.1507.59127 Qty: 1 Logan Jack Truss Label: G09 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	•
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.031 D 999 240 VERT(CL): 0.064 D 999 180 HORZ(LL): -0.014 F HORZ(TL): 0.031 F	
NCBCLL: 10.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s):	Creep Factor: 2.0 Max TC CSI: 0.877 Max BC CSI: 0.458 Max Web CSI: 0.642 VIEW Ver: 23.02.01A.1204.18	B H B M C B
Laurahan	Willa Baration: 1.00	WAVE	VIEVV VCI. 20.02.0 17. 1204.10	<sub>l</sub> C

	▲ M	axim	um Rea	ctions	(lbs)		
		(	Gravity		No	on-Grav	rity
n	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
0		704		/-	/-	/132	/-
	Н	736	/-	/-	/-	/121	/-
	Win	d rea	ctions b	ased or	MWFRS		
	В	Brg \	Wid = 5.	5 Mir	n Req = 1.5	(Truss	s)
	Н	Brg \	Wid = 8.	0 Mir	n Req = 1.5	(Truss	s)
	Bea	rings	В&На	re a rig	id surface.	•	•
	Men	nbers	not liste	ed have	forces les	s than 3	75#
	Max	imur	n Top C	hord F	orces Per	Plv (lbs	s)
					Chords		•
	В-(	0	116	- 767	D-E	118	- 595
	l C - I	ח	130 -	1033			

## Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

## Bracing

(a) Continuous lateral restraint equally spaced on member.

# Special Loads

-(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 63 plf at -1.50 to 63 plf at 16.12 5 plf at 20 plf at BC: From -1.50 to 5 plf at 0.00 BC: From TC: -4 II om 20 plf at 0.00 to -4 lb Conc. Load at 1.88 20 plf at 16.12 -2 lb Conc. Load at 1.88

## **Purlins**

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

## Wind

Wind loads and reactions based on MWFRS. Right end vertical not exposed to wind pressure.

Right cantilever is exposed to wind

Wind loading based on both gable and hip roof types.

# 139 - 1033

# Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.	
B - K	591	- 80	J - I	1128	- 171
K - J	577	- 79	I - H	425	-74

## Maximum Web Forces Per Ply (lbs)

Webs	Tens.C	Tens.Comp.		Tens. Comp.		
C-J	744	- 98	D - I	100	- 706	
J-D	147	- 445	E-H	127	- 665	



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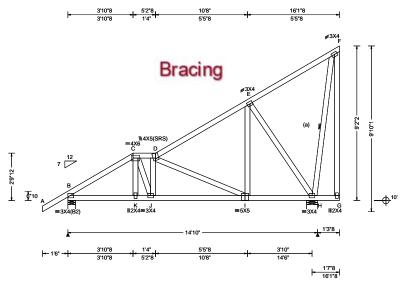
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SEQN: 33738 MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T85 FROM: Qty: 1 DrwNo: 205.24.1508.02180 Logan Jack Truss Label: G10 AK / WHK 07/23/2024



BCLL: 0.00   BCDL: 10.00   CRISK Category: II   EXP: C Kzt: NA   Mean Height: 15.00 ft   TCDL: 5.0 psf   BCDL: 5.0 psf   BCD					
TCDL: 10.00   Speed: 130 mph   Pf: NA   Ce: NA   VERT(LL): 0.023 D   999   240	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲
Load Duration: 1.25   MWFRS Parallel Dist: > 2h   C&C Dist a: 3.00 ft   Loc. from endwall: not in 9.00 ft   GCpi: 0.18   Wind Duration: 1.60   WAVE   VIEW Ver: 23.02.01A.1204.18	TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): 0.023 D 999 240 VERT(CL): 0.047 D 999 180 HORZ(LL): -0.011 F HORZ(TL): 0.024 F Creep Factor: 2.0 Max TC CSI: 0.527 Max BC CSI: 0.363 Max Web CSI: 0.574	L BHVBHBM C BC

	▲ M	axim	um Rea	actions	(lbs)		
		(	3ravity		N	on-Grav	vity
0	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
0		709	/-	/-	/443	/-	/238
	Н	737	/-	/-	/519	/136	/-
	Win	d rea	ctions b	ased or	n MWFRS		
	В	Brg \	Wid = 5	.5 Mi	n Req = 1.5	5 (Truss	s)
	Н	Brg \	Nid = 8	.0 Mi	n Req = 1.	5 (Truss	s)
	Bea	rings	В&На	are a ric	id surface.	•	•
		_			e forces les	s than 3	375#
	Max	imur	n Top (	Chord F	orces Per	Ply (lb	s)
					Chords		•
	B - (	0		- 819	D-E	0	- 462
	(:	)	//	- 776			

## Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

## **Bracing**

(a) Continuous lateral restraint equally spaced on

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

## Wind

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Right cantilever is exposed to wind

Wind loading based on both gable and hip roof types.

# Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.		
B - K	636 - 332	J-I	801 - 336		
K - J	634 - 330				

## Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Co	mp.
D-I	225 - 518	E-H	263	- 625
1 - F	375 - 45			



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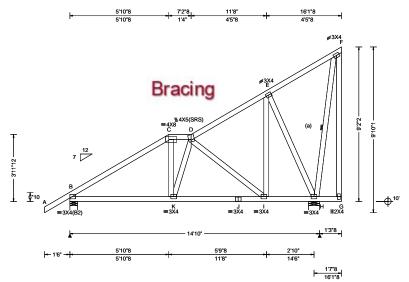
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SEQN: 33745 MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T200 FROM: DrwNo: 205.24.1508.06070 Qty: 1 Logan Jack Truss Label: G11 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPl Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.015 D 999 240 VERT(CL): 0.032 D 999 180 HORZ(LL): -0.007 F HORZ(TL): 0.016 F Creep Factor: 2.0 Max TC CSI: 0.363 Max BC CSI: 0.336 Max Web CSI: 0.563  VIEW Ver: 23.02.01A.1204.18	

	▲ Maximum Reactions (lbs)								
		(	Gravity		N	on-Grav	vity		
)	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
)	В	709	/-	/-	/446	/-	/238		
	Н	737	/-	/-	/516	/138	/-		
	Win	d rea	ctions b	ased or	MWFRS				
	В	Brg \	Wid = 5.	5 Mir	Req = 1.	5 (Truss	s)		
	Н	Brg \	Wid = 8.	0 Mir	n Req = 1.	5 (Truss	s)		
	Bea	rings	В&На	re a rig	id surface.	•	-		
	Mer	nbers	not liste	ed have	forces les	s than 3	375#		
	Maximum Top Chord Forces Per Ply (lbs)								
	Cho	rds	Tens.Co	mp.	Chords	Tens.	Ćomp.		
	В-0	С	36	- 778	C - D	71	- 593		

# Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

## **Bracing**

(a) Continuous lateral restraint equally spaced on

In lieu of structural panels use purlins to brace all flat

## Wind

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Right cantilever is exposed to wind

Wind loading based on both gable and hip roof types.

Wind reactions based on MWFRS							
B Brg	B Brg Wid = 5.5 Min Req = 1.5 (Truss)						
H Brg	Wid = 8	.0 Mi	n Req = 1.	5 (Truss)	)		
Bearings	3 B & H a	are a rig	gid surface.				
Member	s not list	ed have	e forces les	s than 37	75#		
Maximu	m Top (	Chord I	Forces Per	Ply (lbs	)		
Chords	Tens.Co	omp.	Chords	Tens. (	Comp.		
B-C 36 -778 C-D 71 -593							
Maximum Bot Chord Forces Per Ply (lbs)							

## Chords Tens.Comp. Tens. Comp. Chords 586 - 296 584 - 255 584 - 255

Maximum Web Forces Per Ply (lbs)							
Webs	Tens.C	comp.	Webs	Tens. 0	Comp.		
D - I I - E	205 390	- 452 - 89	E - H	265	- 609		



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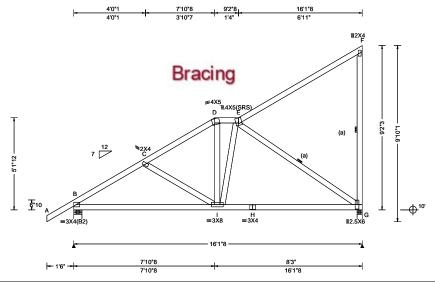
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SEQN: 33749 HIPS Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T132 FROM: Qty: 1 DrwNo: 205.24.1508.11673 Logan Jack Truss Label: G12 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	•
Loading Criteria (psf)   TCLL: 20.00   TCDL: 10.00   BCLL: 0.00   BCDL: 10.00   Des Ld: 40.00   NCBCLL: 10.00   Soffit: 2.00   Load Duration: 1.25	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014	Defl/CSI Criteria	B W B G
Spacing: 24.0 "	C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Max Web CSI: 0.276  VIEW Ver: 23.02.01A.1204.18	N C B

▲ Maximum Reactions (lbs)							
Gravity Non-Gravity							
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
В	780	/-	/-	/502	/-	/238	
G	662	/-	/-	/469	/103	/-	
Wir	nd rea	actions b	ased on	MWFRS			
В	Brg	Wid = 5.	5 Mir	Reg = 1.	5 (Truss	s)	
G	Brg	Wid = 3.	5 Mir	Req = 1.	5 (Truss	s)	
Bea				id surface.		•	
I	_		_	forces les		375#	
Maximum Top Chord Forces Per Ply (lbs)							
I				Chords		•	
В-	С	113	- 950	D-E	95	- 584	
C -	D	63	- 728				

## Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

## **Bracing**

(a) Continuous lateral restraint equally spaced on member.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

## Wind

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

# Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. (	Jomp.
B - I	753 - 392	H-G	592	- 270
I-H	592 - 270			

# Maximum Web Forces Per Ply (lbs)

/vebs	Tens.Comp.
= - G	329 - 722



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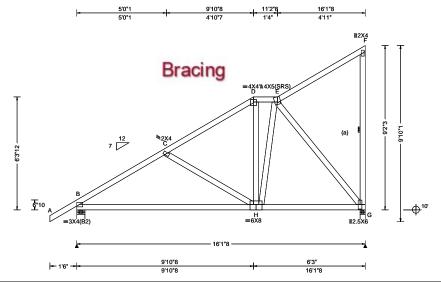
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SEQN: 33752 MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T162 FROM: DrwNo: 205.24.1508.13643 Qty: 1 Logan Jack Truss Label: G13 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	•
Loading Criteria (psf)	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	Defl/CSI Criteria	
	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE	VIEW Ver: 23.02.01A.1204.18	В

▲ Maximum Reactions (lbs)								
	Gravity Non-Gravity							
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
В	780	/-	/-	/504	/-	/238		
G	662	/-	/-	/466	/104	/-		
Win	d rea	ctions b	ased or	MWFRS				
В	Brg \	Wid = 5.	5 Mir	Reg = 1.	5 (Truss	s)		
G	Brg \	Wid = 3.	5 Mir	n Req = 1.	5 (Truss	s)		
				id surface.		,		
	•			forces les		375#		
Max	Maximum Top Chord Forces Per Ply (lbs)							
				Chords		•		
В-0	2		- 906	D-E	82	- 450		
ı - C - I	ר	41	- 602					

## Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

## **Bracing**

(a) Continuous lateral restraint equally spaced on

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

## Wind

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

## Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 715 - 375 H-G 402 - 184

## Maximum Web Forces Per Ply (lbs) Webs Tens.Comp.

E-G 290 - 634



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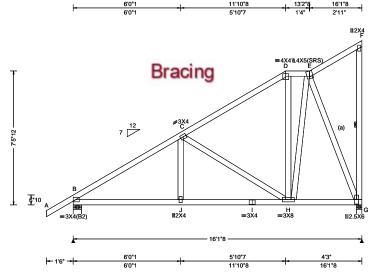
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SEQN: 33757 MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T127 FROM: DrwNo: 205.24.1508.16110 Qty: 1 Logan Jack Truss Label: G14 AK / WHK 07/23/2024





				_
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	14
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.022 J 999 240	<u>L</u>
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.045 J 999 180	E
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.008 G	1
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.017 G	١
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	1
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.378	13
Load Duration: 1.25	MWFRS Parallel Dist: > 2h	TPI Std: 2014	Max BC CSI: 0.350	ŀ
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.674	ľ
'	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		;
	GCpi: 0.18	Plate Type(s):		ս -
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	1
Lumber		•		٠.

▲ M	▲ Maximum Reactions (lbs)						
	(	Gravity		No	on-Grav	vity	
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
В	780	/-	/-	/507	/-	/238	
G	662	/-	/-	/464	/106	/-	
Win	d rea	ctions b	ased on	MWFRS			
В	Brg '	Wid = 5.	5 Mir	Req = 1.5	(Trus	s)	
G	Brg '	Wid = 3.	5 Mir	Req = 1.5	(Trus	s)	
Bea	rings	B&Ga	re a rig	id surface.	•	•	
Mer	nbers	not liste	ed have	forces less	s than 3	375#	
Max	Maximum Top Chord Forces Per Ply (lbs)						
				Chords			
В-(	С	50	- 922	C - D	29	- 451	

# Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

(a) Continuous lateral restraint equally spaced on

In lieu of structural panels use purlins to brace all flat

## Wind

Wind loads based on MWFRS with additional C&C

Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 713 - 311 711 711 - 312

Maximum Web Forces Per Ply (lbs)							
Webs	Tens.Comp.	Webs	Tens. Comp.				
C - H H - E	195 - 483 468 - 223	E-G	296 - 598				



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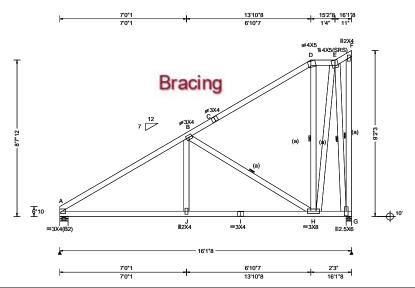
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SEQN: 33761 MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T171 FROM: DrwNo: 205.24.1508.18270 Qty: 1 Logan Jack Truss Label: G15 AK / WHK 07/23/2024



Loading Criteria (psf) Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "  Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.019 J 999 240	L A G V A G B M C A

▲ Maximum Reactions (lbs)						
	G	ravity		No	on-Grav	vity
Loc	R+	/ R-	/ Rh	/Rw	/ U	/ RL
Α	673	/-	/-	/423	/-	/221
G	668	/-	/-	/465	/108	/-
Win	d read	tions ba	sed on M	WFRS		
Α	Brg V	/id = 5.5	Min R	eq = 1.5	(Truss	s)
G	Brg V	/id = 3.5	Min R	eq = 1.5	(Truss	s)
Bea	rings /	4 & G a	re a rigid s	surface.		
Men	nbers	not liste	d have for	rces less	than 3	375#
Maximum Top Chord Forces Per Ply (lbs)						
Cho	rds T	ens.Co	mp.		•	•
A - E	3	38 -	906			

### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Bracing**

(a) Continuous lateral restraint equally spaced on

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

## Wind

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 695 - 278 692 - 279 692 - 279

### Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. B - H 244 - 616 E-G 292 - 641 685 - 306 H - E



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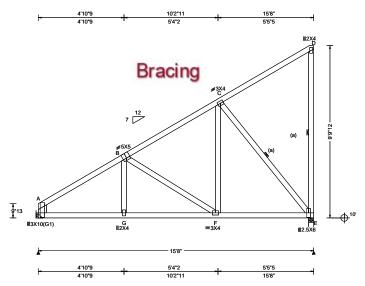
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SEQN: 33600 HIPM Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T81 FROM: Qty: 1 DrwNo: 205.24.1508.21600 Logan Jack Truss Label: G16 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria		
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#		
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.024 G 999 240		
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.050 G 999 180		
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.013 D		
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.027 D		
NCBCLL: 10.00	Mean Height: 15.32 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0		
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.493		
Load Duration: 1.25	MWFRS Parallel Dist: > 2h	TPI Std: 2014	Max BC CSI: 0.504		
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.248		
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)			
	GCpi: 0.18	Plate Type(s):			
Wind Duration: 1.60		WAVE	VIEW Ver: 23.02.01A.1204.18		

### Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL /403 651 /234 /-/-/473 /108 /-653 Wind reactions based on MWFRS Brg Wid = -Min Reg = Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearing E is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 24 - 873 A - B B-C

▲ Maximum Reactions (lbs)

### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Lt Stub Wedge: 2x6 SP 2400f-2.0E;

(a) Continuous lateral restraint equally spaced on member

### Hangers / Ties

Simpson Construction Hardware is specified based on the most current information provided by Simpson Strong-Tie. Please refer to the most recent Simpson Strong-Tie catalog for additional information.

Recommended hanger connections are based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

Bearing at location x=0' support conditions: 0' uses the following Bearing A (0', 10') LUS26 Supporting Member: (1)2x6 SP 2400f-2.0E into supporting member. into supported member.

# Wind

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

A - G 677 - 315 F-E 392 - 162 G - F 676 - 316

### Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp.

F-C 389 - 38 C-E 255 -616



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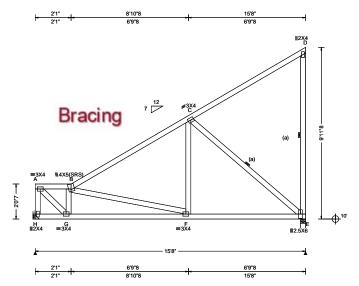
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SEQN: 33613 HIPM Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T118 FROM: DrwNo: 205.24.1508.22997 Qty: 1 Logan Jack Truss Label: G17 AK / WHK 07/23/2024



Coading Criteria (psf)   TCLL: 20.00   TCDL: 10.00   BCLL: 0.00   BCDL: 10.00   Des Ld: 40.00	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.00 ft	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	DefI/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.015 F 999 240 VERT(CL): 0.030 F 999 180 HORZ(LL): 0.007 A HORZ(TL): 0.015 A	L H E
NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Creep Factor: 2.0  Max TC CSI: 0.840  Max BC CSI: 0.610  Max Web CSI: 0.356	E
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	

▲ Maximum Reactions (lbs)						
		Gravity	uotionis		lon-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
н	651	/-	/-	/374	/-	/207
E	651	/-	/-	/480	/113	/-
Win	d rea	ctions b	oased o	n MWFRS		
Н	Brg \	Wid = -	Mi	n Req = -		
E	Brg \	Wid = 3	.5 Mi	n Req = 1	.5 (Trus	s)
Bea	ring l	E is a rig	gid surfa	ace.	-	•
Men	nbers	not list	ed have	e forces les	ss than :	375#
Maximum Top Chord Forces Per Ply (lbs)						
Cho	rds	Tens.C	omp.	Chords	Tens.	Comp.
A - E	3	107	- 672	B - C	0	- 693

# Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Bracing**

(a) Continuous lateral restraint equally spaced on member.

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC  $\,@\,$  24" oc.

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)							
Chords Tens.Comp.		Chords	Tens. Comp.				
G-F	765 - 456	F-E	509 - 222				

Maximum Web Forces Per Ply (lbs)							
Webs	Tens.C	omp.	Webs	Tens. (	Comp.		
A - H	136	- 653	G-B	167	- 563		
A - G	935	- 148	C - F	291	- 669		



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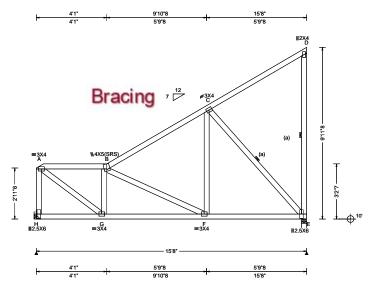
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SEQN: 33615 HIPS Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T67 FROM: DrwNo: 205.24.1508.25643 Qty: 1 Logan Jack Truss Label: G18 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Stid: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.58 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pig: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.016 B 999 240 VERT(CL): 0.034 B 999 180 HORZ(LL): -0.008 D HORZ(TL): 0.016 D Creep Factor: 2.0 Max TC CSI: 0.584 Max BC CSI: 0.442 Max Web CSI: 0.313  VIEW Ver: 23.02.01A.1204.18	

▲ Maximum Reactions (lbs)						
	Gravity Non-Gravity					
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
н	650	/-	/-	/343	/-	/178
E	651	/-	/-	/472	/114	/-
Win	d rea	ctions b	ased or	MWFRS		
Н	Brg \	Nid = -	Mir	n Req = -		
E	Brg \	Nid = 3	.5 Mir	Req = 1.	5 (Trus	s)
Bea	ring E	is a rig	gid surfa	ice.		
Men	nbers	not list	ed have	forces les	s than 3	375#
Maximum Top Chord Forces Per Ply (lbs)						
Cho	rds '	Tens.Co	omp.	Chords	Tens.	Ćomp.
A - E	3	144	- 681	B-C	12	- 581

### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Bracing**

(a) Continuous lateral restraint equally spaced on member.

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC  $\,@\,$  24" oc.

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)								
Chords	Tens.Comp.		Chords	Tens.	Comp.			
G-F	722	- 438	F-F	422	- 198			

Maximum Web Forces Per Ply (lbs)								
Webs	Tens.Comp.	Webs	Tens. (	Comp.				
H - A	218 - 621	F-C	385	- 54				
A - G	821 - 163	C - E	295	- 627				
G - B	156 - 418							



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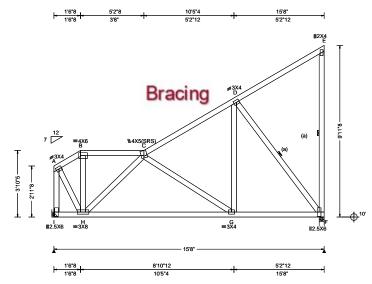
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SEQN: 33619 MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T82 FROM: DrwNo: 205.24.1508.27623 Qty: 1 Logan Jack Truss Label: G19 AK / WHK 07/23/2024



Coading Criteria (psf)				
TCDL: 10.00   Speed: 130 mph   Pf: NA   Ce: NA   VERT(LL): 0.013 C   999   240	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
	TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.46 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	VERT(LL): 0.013 C 999 240 VERT(CL): 0.026 C 999 180 HORZ(LL): -0.005 E HORZ(TL): 0.011 E Creep Factor: 2.0 Max TC CSI: 0.468 Max BC CSI: 0.225 Max Web CSI: 0.235

▲ M	axim	um Rea	ctions (I	bs)		
	(	Gravity		No	on-Grav	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
ı	651	/-	/-	/361	/-	/183
F	651	/-	/-	/468	/118	/-
Win	d rea	ctions b	ased on I	MWFRS		
1	Brg \	Wid = -	Min I	Req = -		
F	Brg \	Wid = 3.	.5 Min I	Req = 1.5	(Trus	s)
Bea	ring I	is a rig	id surface	э.		
Mer	nbers	not list	ed have f	orces less	s than 3	375#
Max	timu	n Top C	hord Fo	rces Per	Ply (lb	s)
Cho	rds	Tens.Co	omp.		•	•
C-1	D	22	- 528			

Top chord: 2x4 SP #2; Bot chord: 2x4 SP M-31; Webs: 2x4 SP #3;

# **Bracing**

(a) Continuous lateral restraint equally spaced on member.

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC  $\,@\,$  24" oc.

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)								
Chords	Tens.Comp.	Chords	Tens. Comp.					
H-G	640 - 443	G-F	382 - 188					

Maximum Web Forces Per Ply (lbs)								
Webs	Tens.C	Comp.	Webs	Tens. (	Comp.			
A - I	181	- 694	G - D	418	- 97			
A - H	574	- 150	D - F	306	- 622			



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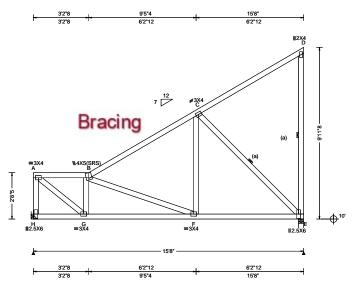
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 33621 HIPM Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T32 FROM: DrwNo: 205.24.1508.28970 Qty: 1 Logan Jack Truss Label: G20 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	T4
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.016 B 999 240	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.033 B 999 180	ŀ
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.007 D	E
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.015 D	٧
NCBCLL: 10.00	Mean Height: 16.32 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	H
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.694	E
Load Duration: 1.25	MWFRS Parallel Dist: > 2h	TPI Std: 2014	Max BC CSI: 0.518	E
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.340	"
-	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		2
	GCpi: 0.18	Plate Type(s):		┨.
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	]

A N	▲ Maximum Reactions (lbs)								
	Gravity Non-Gravity								
Loc	: R+	/ R-	/ Rh	/ Rw	/U	/ RL			
н	651	/-	/-	/361	/-	/190			
Е	651		/-		/114				
Wir	nd rea	actions b	ased o	n MWFRS					
Н	Brg	Wid = -	Mi	n Req = -					
Ε	Brg	Wid = 3	.5 Mi	n Req = 1.	5 (Trus	s)			
Bea	aring	E is a rig	gid surfa	ace.					
Ме	mber	s not list	ed have	e forces les	s than	375#			
Maximum Top Chord Forces Per Ply (lbs)									
Cho	ords	Tens.Co	omp.	Chords	Tens.	Comp.			
Α-	В	130	- 692	B-C	4	- 629			

### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Bracing**

(a) Continuous lateral restraint equally spaced on

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC  $\,@\,$  24" oc.

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 750 - 447 459

Maximum Web Forces Per Ply (lbs)								
Webs Tens.Comp.		Webs	Tens. (	Comp.				
A - H	205	- 632	F-C	379	-21			
A - G	892	- 164	C - E	290	- 644			
G-B	159	- 476						



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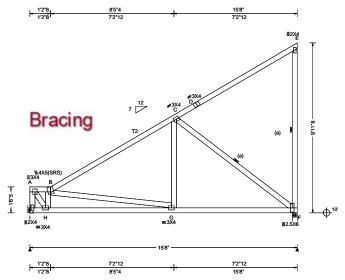
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SEQN: 33626 HIPM Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T108 FROM: DrwNo: 205.24.1508.31073 Qty: 1 Logan Jack Truss Label: G21 AK / WHK 07/23/2024



TCLL: 20.00 W TCDL: 10.00 SI BCLL: 0.00		,	Defl/CSI Criteria
TCDL: 10.00 SI BCLL: 0.00 Ei	Nind Std: ASCF 7-22		
Des I d: 40.00	Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.014 G 999 240 VERT(CL): 0.028 G 999 180 HORZ(LL): 0.007 F HORZ(TL): 0.015 F
NCBCLL: 10.00 TO Soffit: 2.00 BO Load Duration: 1.25 MM Spacing: 24.0 "	EXP: C Kzt: NA Mean Height: 15.74 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCbi: 0.18	FBC 8th Ed. 2023 Res. TPI Std: 2014	Creep Factor: 2.0 Max TC CSI: 0.599 Max BC CSI: 0.683 Max Web CSI: 0.361
w	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18

▲ Maximum Reactions (lbs)								
	Gravity Non-Gravity							
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
1	651	/-	/-	/385	/-	/220		
F	651	/-	/-	/482	/113	/-		
Win	d rea	ctions b	ased or	MWFRS				
1	Brg	Wid = -	Mir	n Req = -				
F	Brg	Wid = 3	.5 Mir	n Req = 1.5	5 (Trus	s)		
Bea	ring l	F is a rig	gid surfa	ce.				
Men	nbers	s not list	ed have	forces les	s than :	375#		
Maximum Top Chord Forces Per Ply (lbs)								
Cho	rds	Tens.C	omp.	Chords	Tens.	Ćomp.		
A - E	3	75	- 570	B - C	0	- 747		

### Lumber

Top chord: 2x4 SP #2; T2 2x4 SP M-31;

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Bracing**

(a) Continuous lateral restraint equally spaced on member.

# Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. H - G 722 - 459 G-F 553

Maximum Web Forces Per Ply (lbs)								
Webs	Tens.C	comp.	Webs	Tens. (	Comp.			
A - I A - H		- 687 - 123	H-B C-F	192 300	- 660 - 697			



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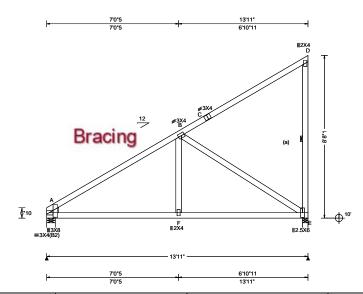
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SEQN: 33635 MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T129 FROM: DrwNo: 205.24.1508.32397 Qty: 1 Logan Jack Truss Label: G22 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	•
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.012 A 999 240 VERT(CL): 0.026 A 999 180 HORZ(LL): 0.009 A HORZ(TL): 0.018 A Creep Factor: 2.0 Max TC CSI: 0.850 Max BC CSI: 0.621 Max Web CSI: 0.808  VIEW Ver: 23.02.01A.1204.18	

▲ Ma	ximu	m Read	tions (lbs	5)		
Gravity				No	n-Grav	/ity
Loc	R+	/ R-	/ Rh	/Rw	/ U	/ RL
A 5	81	/-	/-	/361	/-	/209
E 5	76	/-	/-	/424	/94	/-
Wind	reac	tions ba	sed on M\	WFRS		
A E	3rg W	id = 5.5	Min Re	eq = 1.5	(Truss	s)
E	3rg W	/id = 3.5	Min Re	eq = 1.5	(Truss	s)
Beari	ngs A	& Ear	e a rigid s	urface.		
Mem	bers i	not listed	have for	ces less	than 3	375#
Maxi	Maximum Top Chord Forces Per Ply (lbs)					s)
Chor	ds T	ens.Cor	np.		- `	•
А-В		7 -	734			

### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Lt Wedge: 2x4 SP #3;

## **Bracing**

(a) Continuous lateral restraint equally spaced on

member.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 559 - 261 556

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. 311 - 661

Manual Comment COA #0 278 ONAL

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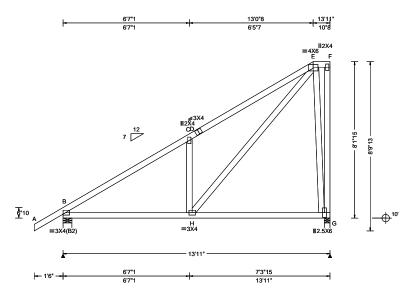
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SEQN: 33639 HIPM Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T149 FROM: Qty: 1 DrwNo: 205.24.1508.35113 Logan Jack Truss Label: G23 AK / WHK 07/23/2024



	·			_
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.023 C 999 240	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.046 C 999 180	E
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.008 C	(
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.017 C	۷
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	E
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.578	19
Load Duration: 1.25	MWFRS Parallel Dist: > 2h	TPI Std: 2014	Max BC CSI: 0.528	E
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.681	I N
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		2
	GCpi: 0.18	Plate Type(s):		4
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	E
<u> </u>				- (

						_
▲ Maxi	mum Re	actions (l	lbs)			
	Gravity		N	on-Gra	vity	
Loc R	+ /R-	/ Rh	/ Rw	/ U	/ RL	_
B 689	9 /-	/-	/452	/-	/213	
G 570	) /-	/-	/402	/95	/-	
Wind re	eactions l	based on l	MWFRS			
B Br	g Wid = 5	.5 Min	Req = 1.5	5 (Trus	s)	
G Br	g Wid = 3	3.5 Min	Req = 1.5	5 (Trus	s)	
Bearing	sB&G	are a rigio	l surface.	•	•	
Membe	rs not lis	ted have f	orces les	s than	375#	
Maximum Top Chord Forces Per Ply (lbs)					s)	
Chords	Tens.C	omp.	Chords	Tens.	Ćomp.	
B-C	27	- 752	D-E	225	- 736	
C-D	191	- 754				

### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Purlins**

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

## Wind

Wind loads based on MWFRS with additional C&C

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

## Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp.

567 - 266

# Maximum Web Forces Per Ply (lbs)

webs	rens.comp.	vvebs	rens. Comp.
	351 - 453 780 - 344	E-G	295 - 488



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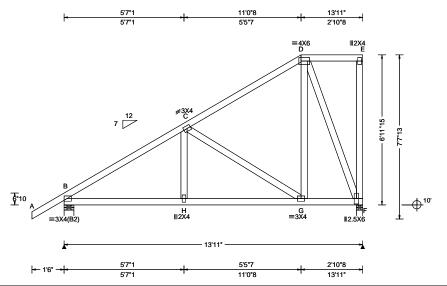
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 33641 HIPM Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T148 FROM: Qty: 1 DrwNo: 205.24.1508.37183 Logan Jack Truss Label: G24 AK / WHK 07/23/2024



l ' la	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "  Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	VERT(LL): 0.017 H 999 240 VERT(CL): 0.035 H 999 180 HORZ(LL): 0.006 F HORZ(TL): 0.013 F Creep Factor: 2.0 Max TC CSI: 0.378 Max BC CSI: 0.297 Max Web CSI: 0.493  VIEW Ver: 23.02.01A.1204.18	

▲ M	aximu	ım Reac	tions (lb:	s)		
	G	ravity		No	n-Gra	vity
Loc	R+	/ R-	/ Rh	/Rw	/ U	/ RL
В	689	/-	/-	/456	/3	/183
F	570	/-	/-	/367	/98	/-
Win	d reac	tions ba	sed on M	WFRS		
В	Brg V	Vid = 5.5	Min Re	eq = 1.5	(Trus	s)
F	Brg V	Vid = 3.5	Min Re	eq = 1.5	(Trus	s)
Bea	rings l	B&Far	e a rigid s	urface.		
Men	nbers	not liste	d have for	ces les	than 3	375#
Maximum Top Chord Forces Per Ply (lbs)					s)	
Cho	rds T	ens.Cor	np.		•	•
В-0	0	108 -	773			

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Purlins**

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 592 - 295 590 - 296

### Maximum Web Forces Per Ply (lbs) Tens. Comp. Webs Tens.Comp. Webs C-G 230 D-F 276 - 505 - 467 D - G 378 - 81



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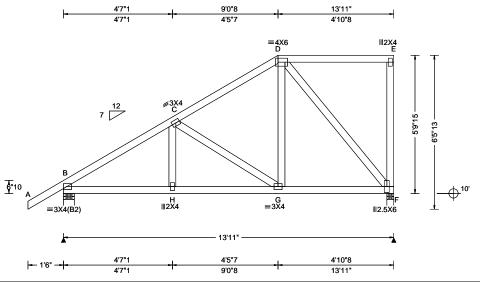
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 33643 HIPM Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T126 FROM: Qty: 1 DrwNo: 205.24.1508.38827 Logan Jack Truss Label: G25 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	<b>A</b>
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.018 H 999 240 VERT(CL): 0.036 H 999 180 HORZ(LL): 0.007 F HORZ(TL): 0.014 F Creep Factor: 2.0 Max TC CSI: 0.474 Max BC CSI: 0.301 Max Web CSI: 0.488  VIEW Ver: 23.02.01A.1204.18	
Lumber				

	▲ M	axim	um Rea	ctions	(lbs)		
		G	avity		N	on-Grav	vity
)	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
)	В	689	/-	/-	/454	/23	/152
	F	570	/-	/-	/338	/101	/-
	Win	d read	ctions b	ased or	MWFRS		
	В	Brg V	Vid = 5.	.5 Mir	Req = 1.	5 (Trus	s)
	F	Brg V	Vid = 3	.5 Mir	n Reg = 1.	5 (Trus:	s)
	Bea	rings	B&Fa	re a rigi	id surface.	•	•
	Men	nbers	not list	ed have	forces les	s than 3	375#
	Max	imun	n Top (	hord F	orces Per	Ply (lb	s)
					Chords		
	B - 0	5	204	- 792	C - D	187	- 468

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 616 - 345 614 - 346

### Maximum Web Forces Per Ply (lbs) Webs Tens.Comp.

D-F 312 - 503



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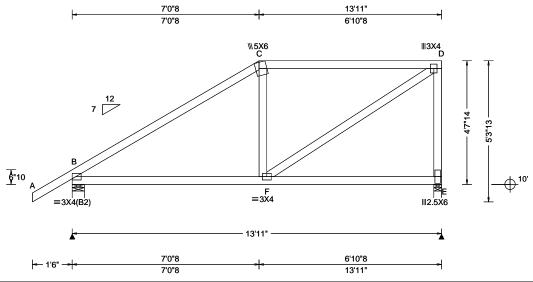
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SEQN: 33646 HIPM Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T27 FROM: DrwNo: 205.24.1508.40630 Qty: 1 Logan Jack Truss Label: G26 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	•
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.012 C 999 240 VERT(CL): 0.025 C 999 180 HORZ(LL): 0.004 C HORZ(TL): 0.008 C Creep Factor: 2.0 Max TC CSI: 0.727 Max BC CSI: 0.525 Max Web CSI: 0.497  VIEW Ver: 23.02.01A.1204.18	
Lumber			•	_

▲ Max	imum F	eactions (	lbs)		
	Gravit	y	No	on-Grav	vity
Loc F	R+ /R	- / Rh	/ Rw	/ U	/ RL
B 68	89 /-	/-	/447	/43	/122
E 57	'O /-	/-	/315	/104	/-
Wind	reactions	s based on	MWFRS		
в в	rg Wid =	5.5 Min	Req = 1.5	(Trus	s)
Е В	rg Wid =	3.5 Min	Req = 1.5	(Trus	s)
Bearin	igs B & I	are a rigid	d surface.		
Memb	ers not l	isted have	forces les	s than 3	375#
Maxin	Maximum Top Chord Forces Per Ply (lbs)				
Chord	s Tens	Comp.	Chords	Tens.	Ćomp.
в-с	332	2 - 720	C - D	356	- 520

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

# Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp.

B - F 531 - 377

# Maximum Web Forces Per Ply (lbs)

Tens. Comp. Webs Tens.Comp. Webs 623 D-E 481 -519

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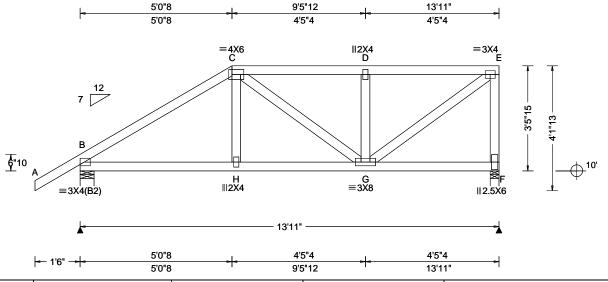
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SEQN: 33648 HIPM Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T137 FROM: DrwNo: 205.24.1508.43650 Qty: 1 Logan Jack Truss Label: G27 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): 0.016 H 999 240 VERT(CL): 0.033 H 999 180 HORZ(LL): 0.005 F HORZ(TL): 0.011 F Creep Factor: 2.0 Max TC CSI: 0.327 Max BC CSI: 0.266 Max Web CSI: 0.319  VIEW Ver: 23.02.01A.1204.18	
Lumber	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	

▲ Maximum Reactions (lbs)							
	G	ravity		N	lon-Grav	vity	
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
В	689	/-	/-	/433	/64	/92	
F	570	/-	/-	/297	/105	/-	
Win	d read	tions b	ased or	MWFRS			
В	Brg V	Vid = 5.	5 Mir	Req = 1.	5 (Truss	s)	
F	Brg V	Vid = 3.	5 Mir	n Req = 1.	5 (Truss	s)	
				d surface.		•	
Men	nbers	not liste	ed have	forces les	s than 3	375#	
Max	Maximum Top Chord Forces Per Ply (lbs)						
				Chords		•	
B - 0	c	461	- 770	D-E	494	- 582	
C - i	5	494	- 583		-		

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

588 - 454 592 - 451

## Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
G-E D-G	710 - 602 433 - 312	E-F	505 - 531



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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 33650 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T136 FROM: Qty: 1 DrwNo: 205.24.1508.45577 Logan Jack Truss Label: G28 AK / WHK 07/23/2024 4'1' 5'1"8 9'6"4 13'11" 4'1" 4'4"12 1'0"8 4'4"12 ₹5X10(SRS) ∥2X4 E =3X4H ≡3X10 G ∥2X4 **≡3X4** =3X4(B2) **∥2.5**X6 13'11" -4'4"12 4'4"12 4'1" 1'0"8 - 1'6" -4'1" 5'1"8 9'6"4 13'11"

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	•
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.029 I 999 240 VERT(CL): 0.059 I 999 180 HORZ(LL): 0.009 C HORZ(TL): 0.019 C Creep Factor: 2.0 Max TC CSI: 0.311 Max BC CSI: 0.347 Max Web CSI: 0.377  VIEW Ver: 23.02.01A.1204.18	L B G V B G B M C B C
Lumber				- 0

▲ Maximum Reactions (lbs)						
A WANI	Gravity	ictions (		Non-Gravity		
Loc R	- /R-	/Rh		/ U		
B 689	/-	/-	/417	/57	/77	
		/-	/289	/96	/-	
Wind re	actions b	ased on	<b>MWFRS</b>			
B Brg	Wid = 5	.5 Min	Req = 1.5	5 (Trus	s)	
G Brg	Wid = 3	.5 Min	Req = 1.5	5 (Trus	s)	
Bearing	s B & G a	are a rigi	d surface.			
Membe	rs not list	ed have	forces les	s than :	375#	
Maximu	ım Top (	Chord Fo	orces Per	Ply (lb	s)	
Chords	Tens.Co	omp.	Chords	Tens.	Comp.	
в-с	470	- 784	D-E	742	- 909	
C-D	539	- 760	E-F	741	- 908	

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2: Webs: 2x4 SP #3;

### **Purlins**

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

# Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.		
B-J	607 - 417	I-H	913	- 664	
J - I	908 - 663				

### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. (	Comp.
C-J	606 - 433	H-F	989	- 807
	557 - 660	F-G	491	- 530



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SEQN: 104721 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T98 FROM: DrwNo: 205.24.1508.48650 Qty: 1 Logan Jack Truss Label: G29 AK / WHK 07/23/2024 4'1" 9'9"8 11'10" 4'1" 2'1" 3'0"8 2'8" 2'0"8 /// 4X5(SRS) 2'11"3 =3X4 D G K ≡3X4 =3X5 =3X4 =3X4  $\equiv$ 3X4(B2) **∥2X4** 13'11" 4'1" 2'8" 2'0"8 3'0"8 1'6" 4'1" 7'1"8 9'9"8 11'10" 13'11" ▲ Maximum Reactions (lbs)

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	١.
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.077 D 999 240	١.
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.142 D 999 180	
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.024 C	l
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.048 C	ľ
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0	
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.340	l
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.552	l
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.335	L
opasg	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		L
	GCpi: 0.18	Plate Type(s):		] :
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	]

Gravity Loc R+ /R /Rh

Non-Gravity /Rw /U / RL 643 /149 /-435 /-/-/141 Wind reactions based on MWFRS

Brg Wid = 5.5Min Reg = 1.5 (Truss) В Brg Wid = 3.5 Min Req = 1.5 (Truss)

Bearings B & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

Choras	rens.comp.	Choras	rens. Comp.
B-C C-D D-E	166 - 717 157 - 705	E-F F-G	451 - 1394 278 - 808
D-E	464 - 1800		

### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2: Webs: 2x4 SP #3;

### **Special Loads**

--(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) 63 plf at 32 plf at 5 plf at TC: From TC: From -1.50 to 7.13 to 63 plf at 32 plf at 13 92 BC: From 5 plf at -1.50 to 0.00 20 plf at 0.00 to 20 plf at BC: From 10 plf at 8.23 to 10 plf at 30 lb Conc. Load at 8.23 TC: -17 lb Conc. Load at 9.85,11.90 19 lb Conc. Load at 8.23 TC: 13 lb Conc. Load at 9.85,11.90

## **Purlins**

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads and reactions based on MWFRS. Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

# Maximum Bot Chord Forces Per Ply (lbs)

Cilolus	rens.comp.	Onorda	i ciis. Oc	πηρ.
B-L	552 - 119	K-J	1443	- 474
L-K	1834 - 473	J - I	905 -	- 323

## Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.		Webs	Tens. Comp.		
C-L	502 -	59	J - F	594	- 143	
L-D	365 - 13	311	I - G	878	- 302	
K-E	383	0	G-H	140	- 391	



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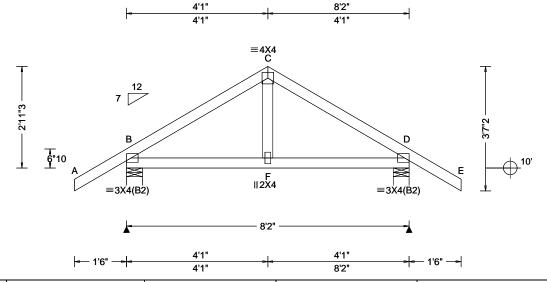
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SEQN: 47774 / COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T62 / FROM: Qty: 2 DrwNo: 205.24.1159.11852 Logan Jack Truss Label: G30 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	T
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.006 F 999 240 VERT(CL): 0.001 F 999 180 HORZ(LL): 0.003 D HORZ(TL): 0.006 D Creep Factor: 2.0 Max TC CSI: 0.214 Max BC CSI: 0.146 Max Web CSI: 0.063  VIEW Ver: 23.02.01A.1204.18	
Louis	Willia Baration. 1.00	IVVAVE	VIEVV VCI. 20.02.01A.1204.10	L

### ▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 441 /285 /15 /105 D 441 /-/285 /15 /-Wind reactions based on MWFRS Brg Wid = 5.5 Min Req = 1.5 (Truss) Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearings B & D are a rigid surface. Members not listed have forces less than 375#

### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.



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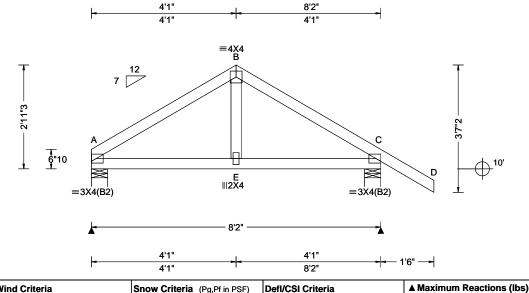
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 46181 / COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T153 FROM: Qty: 1 DrwNo: 205.24.1159.11554 Logan Jack Truss Label: G31 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)	
TCLL: 20.00	Wind Std: ASCE 7-22	Pa: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gravity	
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.005 E 999 240	Loc R+ /R- /Rh /Rw /U /F	RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.010 E 999 180	A 329 /- /- /193 /2 /8	9
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.003 C	C 452 /- /- /285 /16 /-	•
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.006 C	Wind reactions based on MWFRS	
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0	A Brg Wid = 5.5 Min Req = 1.5 (Truss)	
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.218	C Brg Wid = 5.5 Min Req = 1.5 (Truss)	
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.152	Bearings A & C are a rigid surface.	
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: Yes	Max Web CSI: 0.064	Members not listed have forces less than 375	#
1-1	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.	mr
	GCpi: 0.18	Plate Type(s):		<u>'</u>	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	A - B 198 - 377 B - C 197 -	38
Louishau	•	•	•		

### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.



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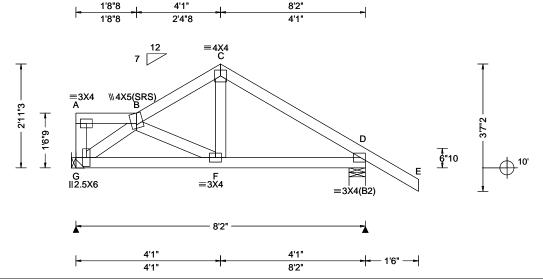
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Tens. Comp.

SEQN: 46179 / COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T73 / FROM: Qty: 1 DrwNo: 205.24.1159.11727 Logan Jack Truss Label: G32 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reaction
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.005 F 999 240	Loc R+ /R- /
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.010 F 999 180	G 326 /- /-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.003 D	D 454 /- /-
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.006 D	Wind reactions base
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	G Brg Wid = -
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.223	D Brg Wid = 5.5 Bearing D is a rigid s
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.172	Members not listed h
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: Yes	Max Web CSI: 0.092	Maximum Top Chor
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	!	Chords Tens.Comp
	GCpi: 0.18	Plate Type(s):		C - D 208 - 382
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	C-D 200 - 302
Lumber				

▲ Ma	aximu	ım Reac	tions (lbs	5)				
	G	ravity		No	on-Grav	/ity		
Loc	R+	/ R-	/ Rh	/Rw	/ U	/ RL		
G :	326	/-	/-	/171	/20	/77		
D 4	454	/-	/-	/289	/15	/-		
Wine	Wind reactions based on MWFRS							
G	Brg W	/id = -	Min Re	- = p				
D	Brg W	/id = 5.5	Min Re	q = 1.5	(Truss	s)		
Bear	ring D	is a rigio	d surface.					
Men	nbers	not listed	d have for	ces less	than 3	375#		
Max	imum	Top Ch	ord Forc	es Per	Ply (lb	s)		
Cho	rds T	ens.Cor	np.			•		
C-E	)	208 -	382					

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

## Hangers / Ties

(J) Hanger Support Required, by others

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

# Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. G-B 308 - 402



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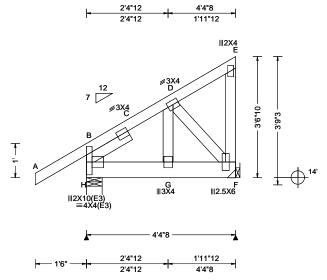
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SEQN: 34491 MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T107 FROM: DrwNo: 205.24.1508.50390 Qty: 1 Logan Jack Truss Label: G33 AK / WHK 07/23/2024



BCLL: 0.00 Enclosure: Closed Lu: NA Cs: NA VERT(CL): 0.008 G 999 180	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	•
Des Ld: 40.00   EXP: C   Kzt: NA   Mean Height: 15.84 ft   Building Code:   Creep Factor: 2.0	TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.84 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): 0.004 G 999 240 VERT(CL): 0.008 G 999 180 HORZ(LL): -0.003 E HORZ(TL): 0.005 E Creep Factor: 2.0 Max TC CSI: 0.235 Max BC CSI: 0.066 Max Web CSI: 0.216	

▲ Maximum Reactions (lbs)								
	(	3ravity		N	on-Gra	vity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
Н	597	/-	/-	/-	/130	/-		
F	523	/-	/-	/-	/91	/-		
Win	Wind reactions based on MWFRS							
Н	Brg \	Nid = 5	.5 Mii	n Req = 1.5	5 (Trus	s)		
F	Brg \	Nid = -	Mii	n Req = -				
Bea	ring F	lis a rig	gid surfa	ace.				
Men	nbers	not list	ed have	forces les	s than :	375#		
Max	Maximum Top Chord Forces Per Ply (lbs)							
Cho	rds '	Tens.C	omp.	Chords	Tens.	Ćomp.		
В-(	2	104	- 537	C - D	87	- 494		

### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3;

Lt Slider: 2x4 SP #3; block length = 1.500'

## **Special Loads**

---(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) -1.50 to 4.38 TC: From 63 plf at 5 plf at 63 plf at 5 plf at BC: From -1.50 to 0.00 BC: From 20 plf at 0.00 to 20 plf at BC: 654 lb Conc. Load at 2.40

# Hangers / Ties

(J) Hanger Support Required, by others

Wind loads and reactions based on MWFRS. Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp.

B - G 391

Maximum Web Forces Per Ply (lbs) Webs Webs

Tens. Comp. Tens.Comp. G - D 566 D-F 92 - 531



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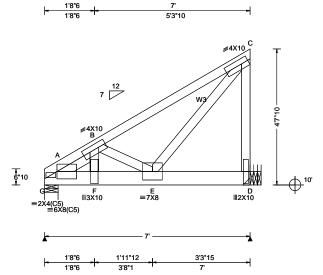
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SEQN: 46889 / SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T26 / FROM: Qty: 1 DrwNo: 205.24.1159.13107 Logan Jack Truss Label: G34 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.040 E 999 240	1
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.080 E 999 180	1
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.016 C	1
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.031 C	١
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	19
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.583	1 5
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.444	E
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.850	ľ
'	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		ľ
	GCpi: 0.18	Plate Type(s):		] -
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	1
	•	-	•	-

	<b>▲</b> M	aximu	ım Rea	ctions	(lbs)		
		G	ravity		No	on-Grav	vity
0	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
0		3473		/-	/-	/557	
	D	2481	/-	/-	/-	/416	/-
	Win	d read	tions b	ased or	MWFRS		
	G	Brg V	Vid = 5.	5 Mir	n Req = 2.9	(Trus	s)
	D	Brg V	Vid = -	Mir	n Req = -		
	Bea	ring G	is a rig	jid surfa	ice.		
	Mer	nbers	not liste	ed have	forces les	s than 3	375#
	Max	cimun	Top C	hord F	orces Per	Ply (lb	s)
	Cho	rds 1	ens.Co	mp.	Chords	Tens.	Ćomp.
	Α-	В	779 -	4767	B - C	455	- 2727

### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3; W3 2x4 SP #2; Lt Slider: 2x4 SP #3; block length = 1.309'

## **Special Loads**

----(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 32 plf at 0.00 to 32 plf at 7.00
BC: From 10 plf at 0.00 to 10 plf at 7.00 BC: From 10 plf at 0.00 to BC: 3140 lb Conc. Load at 1.73 BC: 1261 lb Conc. Load at 3.73, 5.73

## Hangers / Ties

(J) Hanger Support Required, by others

Wind loads and reactions based on MWFRS. Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 3876 - 638 3975

Maximum Web Forces Per Ply (lbs)									
Webs	Tens.Comp.	Webs	Tens. Comp.						
B - F B - E	2232 - 330 311 - 1880	E - C C - D	3753 - 611 288 - 1682						



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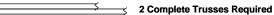
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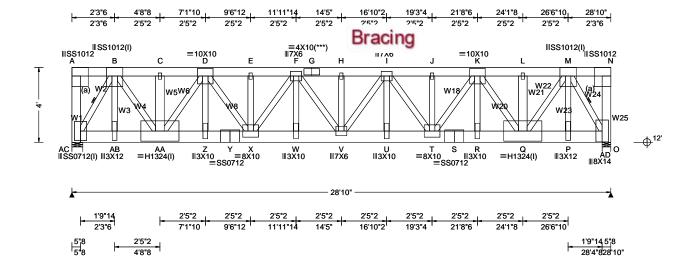
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SEQN: 105818 FLAT Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T17 Ply: 2 FROM: DrwNo: 205.24.1512.08650 Qty: 1 Logan Jack Page 1 of 2 Truss Label: G35 AK / WHK 07/23/2024





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.361 V 958 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.716 V 483 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.101 A
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.200 A
NCBCLL: 0.00	Mean Height: 16.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.734
	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.755
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.880
_	Loc. from endwall: not in 10.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	18SS, WAVE, HS	VIEW Ver: 23.02.01A.1204.18

### Lumber

Top chord: 2x6 SP 2400f-2.0E; Bot chord: 2x8 SP 2400f-2.0E; Webs: 2x4 SP #3; W1,W5,W21 W25 2x6 SP 2400f-2.0E; W2,W3,W4,W6,W20,W22, W24 2x4 SP M-31; W8,W18,W23 2x4 SP #2;

(a) Continuous lateral restraint equally spaced on member.

### Nailnote

Nail Schedule:0.131"x3", min. nails Top Chord: 1 Row @12.00" o.c. Bot Chord: 2 Rows @ 3.00" o.c. (Each Row) :1 Row @ 4" o.c.

Use equal spacing between rows and stagger nails in each row to avoid splitting.

### Special Loads

---(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 30 plf at 26.69 to 30 plf at 28.83 BC: From 10 plf at 0.46 to 10 plf at BC: 2195 lb Conc. Load at 0.52, 1.60, 2.81 BC: 2197 lb Conc. Load at 4.69 BC: 1799 lb Conc. Load at 6.69,10.69 BC: 1802 lb Conc. Load at 8.69 BC: 1798 lb Conc. Load at 12.69 BC: 2072 lb Conc. Load at 14.69 BC: 2068 lb Conc. Load at 16.69,22.69 BC: 2070 lb Conc. Load at 18.69,20.69,24.69 BC: 2003 lb Conc. Load at 26.69 BC: 1997 lb Conc. Load at 27.69

# **Plating Notes**

All plates are 2X4 except as noted.

### **Purlins**

The TC of this truss shall be braced with attached spans at 24" oc in lieu of structural sheathing.

Wind loads and reactions based on MWFRS. End verticals not exposed to wind pressure.

Max JT VERT DEFL: LL. ...
DEFLCAMB1014 for camber recommendation of provide for adequate drainage of provide has been defined by the state of the st

COA #0278 ONAL

Wind reactions based on MWFRS AC Brg Wid = 7.0 Min Reg = 2.4 (Truss) AD Brg Wid = 5.5 Min Req = 2.2 (Truss) Bearings AC & AD are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 0 - 9147 0 - 16136 C-D 0 - 9147 I-J 0 - 14471 D-E 0-14266 J - K 0 - 14471 E-F 0-14266 0 - 9085 K-L F-G 0-16136 L - M 0 - 9085 G-H 0 - 16136

/Rh

Non-Gravity

/RL

/-

/Rw /U

/442

/489

▲ Maximum Reactions (lbs)

Gravity

/R

Loc R+

AC 18000 /-

AD 16344 /-

## Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.	
AC-AB	5093	0	V - U	15737	0
AB-AA	5093	0	U - T	15737	0
AA-Z	12109	0	T - S	12236	0
Z - Y	12109	0	S-R	12236	0
Y - X	12109	0	R-Q	12236	0
X - W	15579	0	Q - P	4936	0
W - V	15579	0	P-0	4936	0

### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.		Webs	Tens.	Comp.
AC-B	0 -9	142	V - I	697	0
B -AB	1825 -	245	I - U	1108	0
B-AA	7071	0	I - T	0	- 2208
–AA- D	0 -5	168	T - K	3899	0
D - Z	986	0	K-R	1146	0
D - X	3762	0	K-Q	0	- 5497
X - F	0 -2	290	Q - M	7236	0
F-W	938	0	M - P	1467	- 29
F-V	973 -	173	M - O	0	- 8868

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For more information see these web sites: Alpine: albineitw.com: TPI: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.or



SEQN: 105818 FLAT Ply: 2 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T17 FROM: DrwNo: 205.24.1512.08650 Qty: 1 Logan Jack Page 2 of 2 Truss Label: G35 AK / WHK 07/23/2024

## **Additional Notes**

(\*\*\*) 20 gage metal shim required between chord ends to distribute axial forces at joint. See DRWG RIGINSRT1014 for more information.

Truss must be installed as shown with top chord up.

Note: Truss not designed to be installed in reverse orientation. Truss must be installed as shown.

It is the responsibility of the building designer and truss fabricator to review this dwg prior to cutting lumber to verify that all data, including dimensions and loads, conform to the architectural plans, specifications and fabricator's truss layout.



Flor Rd 24-194 cate of Product Approval #FL 1999

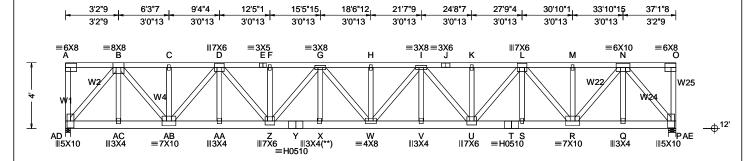
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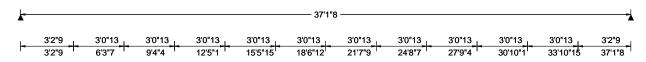
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.374 H 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.748 H 595 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.095 A
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 16.00 ft		HORZ(TL): 0.191 A
NCBCLL: 0.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.388
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.483
Spacing: 24.0 "	C&C Dist a: 3.71 ft	Rep Fac: No	Max Web CSI: 0.867
	Loc. from endwall: not in 10.50 ft		
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 23.02.01A.1204.18

### Lumber

Top chord: 2x4 SP M-31; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3; W1,W25 2x4 SP M-31; W2,W4,W22, W24 2x4 SP #2;

### Nailnote

Nail Schedule:0.131"x3", min. nails Top Chord: 1 Row @12.00" o.c. Bot Chord: 1 Row @ 5.25" o.c. : 1 Row @ 4" o.c. Webs

Use equal spacing between rows and stagger nails

in each row to avoid splitting.

## **Special Loads**

--(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) 0.00 to TC: From 30 plf at 30 plf at BC: From 10 plf at 0.00 to 10 plf at 37.12 BC: 644 lb Conc. Load at 0.60 BC: 568 lb Conc. Load at 2.60. 568 lb Conc. Load at 2.60,33.77,35.77 565 lb Conc. Load at 4.60, 5.69,30.77,31.77 559 lb Conc. Load at 6.90, 8.77, 10.77, 12.77 14.77,16.77,18.77,20.77,22.77,24.77,26.77,28.77

### **Plating Notes**

All plates are 2X4 except as noted.

\*\*) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements

### **Purlins**

The TC of this truss shall be braced with attached spans at 24" oc in lieu of structural sheathing.

## Wind

Wind loads and reactions based on MWFRS. End verticals not exposed to wind pressure.

Max JT VERT DEFL: LL: 0.37" DL: 0.37". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

### **Additional Notes**

Truss must be installed as shown with top chord up.

Note: Truss not designed to be installed in reverse orientation. Truss must be installed as shown. M. K. K. C. P. I.

### Chords Tens.Comp. Chords Tens. Comp. AD-AC 2662 - 745 W - V 7714 - 2320 AC-AB 2662 - 745 V - U

Maximum Bot Chord Forces Per Ply (lbs)

7714 - 2320 AB-AA 6119 - 1805 U - T 6025 - 1821 AA-Z 6119 - 1805 T-S 6025 - 1821 Z - Y S - R 7746 - 2315 6025 - 1821 7746 - 2315 R-Q 2584 - 786 X - W 7746 - 2315 Q-P 2584 - 786

### Maximum Web Forces Per Ply (lbs)

▲ Maximum Reactions (lbs)

Wind reactions based on MWFRS

1358 - 4685

1358 - 4685

2119 - 7128

2119 - 7128

2119 - 7128

2376 - 7923

/Rh

AE Brg Wid = 5.5 Min Req = 2.6 (Truss) Bearings AD & AE are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs)

Gravity

AD Brg Wid = 3.5

Chords Tens.Comp.

Loc R+

AE 6181

B - C

C-D

D-E

E-F

F-G

G-H

AD 6626 /-

Non-Gravity

/1796 /-

/1892 /-

Tens. Comp.

- 7067

- 7067

- 4565

- 4565

2376

2131

2131 - 7067

2131

1383

1383

/ RL

/Rw /U

Min Reg = 2.7 (Truss)

Chords

I-J

J - K

K-L

L-M

M - N

Webs	Tens.Comp.	Webs	Tens. Comp.
AD- B	1120 - 4002	I - V	452 - 132
B-AC	553 - 91	I - U	293 - 1001
B -AB	3130 - 948	U - L	1613 - 480
_AB- D	692 - 2220	L-S	432 - 126
D -AA	442 - 132	L-R	677 - 2258
D - Z	1562 - 487	R - N	3066 - 924
Z - G	303 - 956	N - Q	514 - 157
G - X	458 - 134	N - P	1182 - 3884

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COA #0 278 ONAL Flored 24204 cate of Product Approval #FI

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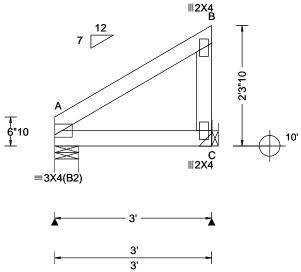
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Glenview, IL 60025

SEQN: 46183 / MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T156 FROM: DrwNo: 205.24.1159.10880 Qty: 1 Logan Jack Truss Label: H01 NW / DF 07/23/2024



TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.002 B HORZ(TL): 0.004 B Creep Factor: 2.0 Max TC CSI: 0.189 Max BC CSI: 0.585 Max Web CSI: 0.076  VIEW Ver: 23.02.01A.1204.18	L A C V A C E N
1	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	

▲ Ma	ximu	ım Rea	ctions (II	bs)		
	G	ravity		No	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A 2	264	/-	/-	/-	/30	/-
C 3	312	/- /-	/-	/-	/32	/-
Wind	l read	tions b	ased on N	<b>IWFRS</b>		
A I	Brg V	Vid = 5.	5 Min F	Req = 1.5	(Trus	s)
C I	Brg V	Vid = -	Min F	Req = -	•	•
Bear	ing A	is a rig	id surface	∍. '		
			ed have fo		s than	375#

### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Special Loads**

---(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 63 plf at 0.00 to BC: From 20 plf at 0.00 to BC: 326 lb Conc. Load at 1.77 0.00 to 0.00 to 63 plf at 20 plf at

## Hangers / Ties

(J) Hanger Support Required, by others

Wind loads and reactions based on MWFRS. Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.



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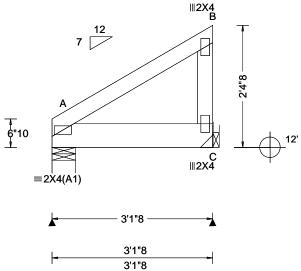
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SEQN: 33583 MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T145 FROM: DrwNo: 205.24.1512.28690 Qty: 1 Logan Jack Truss Label: H02 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maxi
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.002 A HORZ(TL): 0.004 A Creep Factor: 2.0 Max TC CSI: 0.161 Max BC CSI: 0.168 Max Web CSI: 0.031  VIEW Ver: 23.02.01A.1204.18	Loc R A 496 C 317 Wind re A Brook Bearing Member

### timum Reactions (lbs) Gravity Non-Gravity ₹+ /Rh /Rw /U /RL 96 /-/49 /reactions based on MWFRS rg Wid = 5.5 Min Reg = 1.5 (Truss) rg Wid = -Min Req = ng A is a rigid surface. ers not listed have forces less than 375#

### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3;

### **Special Loads**

---(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 63 plf at 0.00 to BC: From 20 plf at 0.00 to BC: 553 lb Conc. Load at 1.19 0.00 to 0.00 to 63 plf at 20 plf at 3 13

# Hangers / Ties

(J) Hanger Support Required, by others

Wind loads and reactions based on MWFRS. Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.



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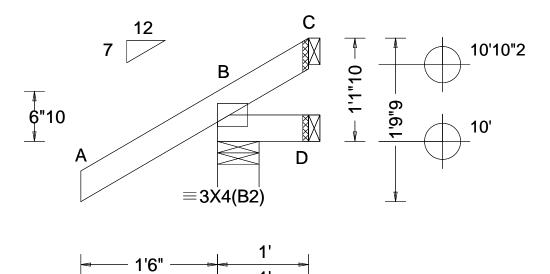
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 47443 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T119 FROM: Qty: 22 DrwNo: 205.24.1159.12714 Logan Jack Truss Label: J01 NW / DF 07/23/2024



Coading Criteria (psf)   TCLL: 20.00   TCDL: 10.00   BCLL: 0.00   BCDL: 10.00   Des Ld: 40.00   TCDL: 10.00   Des Ld: 10.00	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C HORZ(TL): 0.001 C
BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Enclosure: Closed Risk Category: II	Lu: NA Cs: NA	VERT(CL): NA HORZ(LL): -0.001 C
Lumber			

▲ Maximum Reactions (lbs)								
	G	ravity		. No	on-Gra	vity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
В	235	/-	/-	/185	/52	/44		
D	12	/-5	/-	/12	/5	/-		
С	-	/-45	/-	/31	/46	/-		
Win	d read	ctions ba	ased on M	<b>IWFRS</b>				
В	Brg V	Vid = 5.	5 Min F	Req = 1.5	(Trus	s)		
D	Brg V	Vid = 1.	5 Min F	Req = -	•	•		
			5 Min F					
Bearing B is a rigid surface.								
Men	nbers	not liste	ed have fo	orces les	s than	375#		

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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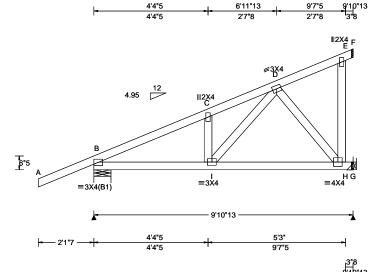
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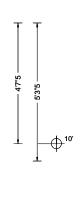
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SEQN: 105820 HIP\_ Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T34 FROM: DrwNo: 205.24.1508.59093 Qty: 4 Logan Jack Truss Label: J01HJ AK / WHK 07/23/2024





			9'10"13	
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	7
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.020 C 999 240	-
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.040 C 999 180	E
BCDL: 10.00	Risk Category: II EXP: C Kzt: NA	Snow Duration: NA	HORZ(LL): 0.004 H	0
Des Ld: 40.00	Mean Height: 15.00 ft		HORZ(TL): 0.008 H	١
NCBCLL: 0.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	E
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.263	15
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.258	ľ
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.167	"
' '	Loc. from endwall: NA	FT/RT:20(0)/10(0)		۱"
	GCpi: 0.18	Plate Type(s):		] -
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	E

	▲ M	axim	um Re	action	s (lbs)			
		(	Gravity			Nor	n-Grav	vity
o	Loc	R+	/ R-	/R	h/F	łw ,	/ U	/ RL
0		464		/-	/-		/94	/-
	_		/-	/-	/-		/103	/-
	Win	d rea	actions I	pased	on MWFF	₹S		
	В	Brg '	Wid = 7	7.8 N	/lin Req =	1.5 (	(Truss	s)
	G	Brg '	Wid = -	N	/lin Req =	-		
	Bea	ring l	B is a ri	gid sur	face.			
	Mer	nbers	s not lis	ted ha	ve forces	less t	than 3	375#
	Maximum Top Chord Forces Per Ply (lbs)							
	Cho	rds	Tens.C	omp.	Chord	s 1	Tens.	Ćomp.
	В-0	С	84	- 611	C - D		78	- 582

### Lumber

Top chord: 2x4 SP M-31; Bot chord: 2x4 SP M-31; Webs: 2x4 SP #3;

## Hangers / Ties

(J) Hanger Support Required, by others

### Loading

Hipjack supports 7-0-0 setback jacks with no webs.

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp.

527

## Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp.

D-H 113 - 505



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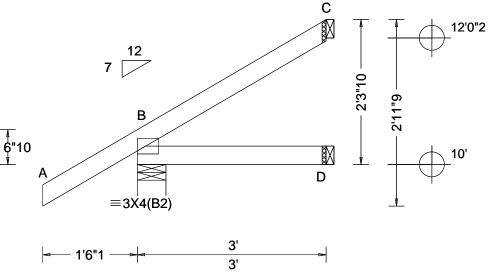
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SEQN: 46189 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T6 / FROM: Qty: 11 DrwNo: 205.24.1159.13702 Logan Jack Truss Label: J02 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Τ.
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: not in 4.50 ft GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C HORZ(TL): 0.001 C Creep Factor: 2.0 Max TC CSI: 0.226 Max BC CSI: 0.081 Max Web CSI: 0.000	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	
Lumber	•	•	•	

	▲ Maximum Reactions (Ibs)									
		G	ravity		No	on-Gra	vity			
	Loc	R+	/ R-	/ Rh	/Rw	/ U	/ RL			
	В	258	/-	/-	/185	/31	/86			
	D	55	/-	/-	/31	/-	/-			
	С	68	/-	/-	/41	/45	/-			
	Win	d read	ctions ba	ased on N	/WFRS					
	В	Brg V	Vid = 5.3	5 Min F	Req = 1.5	(Trus	ss)			
	D	Brg V	Vid = 1.3	5 Min F	Req = -					
	С	Brg V	Vid = 1.3	5 Min F	Req = -					
	Bearing B is a rigid surface.									
	Members not listed have forces less than 375#									
-										

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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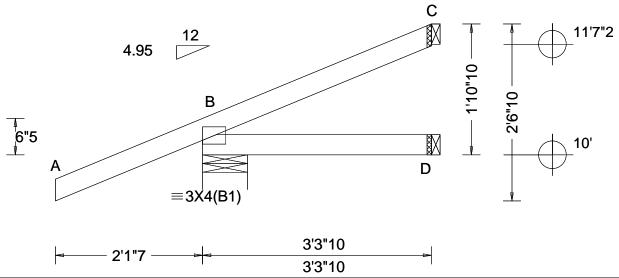
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 47445 / HIP\_ Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T142 FROM: Qty: 4 DrwNo: 205.24.1159.12026 Logan Jack Truss Label: J02HJ NW / DF 07/23/2024



TCLL: 20.00 TCDL: 10.00 Speed: 130 mph SCLL: 0.00 BCDL: 10.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "  Wind Std: ASCE 7-22 Speed: 130 mph Pf: NA Ce: NA Lu: NA Ce: NA Lu: NA Ce: NA VERT(LL): NA VERT(CL): NA VERT(CL): NA HORZ(LL): -0.002 B INOR TCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf Ceep Factor: 2.0 Max TC CSI: 0.328 Max BC CSI: 0.087 Max Web CSI: 0.000 Max Web CSI: 0.000 FT/RT:20(0)/10(0) Plate Type(s): WAVE  WIEW Ver: 23.02.01A.1204.18	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
Wind Duration: 1.60   WAVE   VIEW Ver: 23.02.01A.1204.18	TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25	Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: NA	Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0)	VERT(LL): NA VERT(CL): NA HORZ(LL): -0.002 B HORZ(TL): 0.003 B Creep Factor: 2.0 Max TC CSI: 0.328 Max BC CSI: 0.087
		Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18

	▲ Maximum Reactions (lbs)  Gravity Non-Gravity							
Loc R	+ /R-	/ Rh	/ Rw	/ U	/ RL			
B 179	) /-	/-	/-	/47	/-			
D 4	/-	/-	/10	/-	/-			
C 16	/-	/-	/-	/8	/-			
Wind re	actions I	oased on N	<b>MWFRS</b>					
B Br	Wid = 7	7.8 Min F	Req = 1.5	5 (Trus	s)			
D Br	Wid = 1	.5 Min F	Req = -	•	-			
C Br	Wid = 1	.5 Min F	Req = -					
Bearing B is a rigid surface.								
Members not listed have forces less than 375#								

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Hipjack supports 2-4-0 setback jacks with no webs.

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe

nailed at Bot chord.



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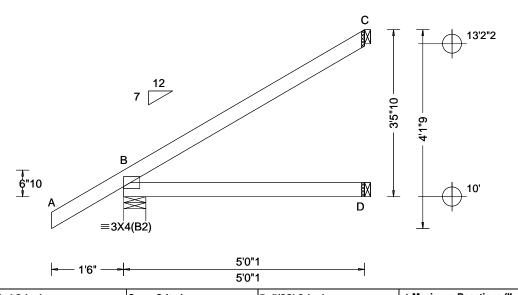
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 46191 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T135 FROM: Qty: 10 DrwNo: 205.24.1159.14392 Logan Jack Truss Label: J03 NW / DF 07/23/2024



Loading Criteria (psf)   Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (I	lbs)
TCLL: 20.00 Wind Std: ASCE 7-22	Pa: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity	Non-Gravity
TCDL: 10.00 Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA	Loc R+ /R- /Rh	/Rw /U /RL
BCLL: 0.00 Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	B 340 /- /-	/233 /28 /127
BCDL: 10.00 Risk Category: II	Snow Duration: NA	HORZ(LL): 0.002 C	D 88 /- /-	/48 /- /-
Des Ld: 40.00 EXP: C Kzt: NA		HORZ(TL): 0.007 C	C 135 /- /-	/87 /81 /-
NCBCLL: 10.00 Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	Wind reactions based on B Brg Wid = 5.5 Min	
Soffit: 2.00 BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.437	D Brg Wid = 3.5 Min	,
Load Duration: 1.25 MWFRS Parallel Dist: 0 to h		Max BC CSI: 0.231	C Bra Wid = 1.5 Min	- 1
Spacing: 24.0 " C&C Dist a: 3.00 ft ft	Rep Fac: Yes	Max Web CSI: 0.000	Bearing B is a rigid surfac	- 1
Loc. from endwall: not in 4.5	ft FT/RT:20(0)/10(0)		Members not listed have f	
GCpi: 0.18	Plate Type(s):		Maximum Bot Chord For	
Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	Chords Tens.Comp.	
Lumber			B - D 387 - 137	

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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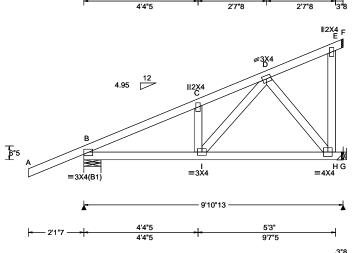
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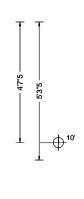
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 105822 HIP\_ Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T16 FROM: DrwNo: 205.24.1509.01757 Qty: 1 Logan Jack Truss Label: J03HJ AK / WHK 07/23/2024

6'11"13



4'4"5



3"	8
9'1	0"13

			9'10"13	
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: NA GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): 0.020 C 999 240 VERT(CL): 0.040 C 999 180 HORZ(LL): 0.004 H HORZ(TL): 0.008 H Creep Factor: 2.0 Max TC CSI: 0.263 Max BC CSI: 0.258 Max Web CSI: 0.167  VIEW Ver: 23.02.01A.1204.18	
Lumber	Willia Daration. 1.00	WAVE	VIEVV VCI. 20.02.01A.1204.10	J

	▲ Maximum Reactions (lbs)						
		G	ravity		No	on-Grav	/ity
0	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
0	В	464	/-	/-	/-	/94	/-
	G	629	/-	/-	/-	/103	/-
	Win	d read	ctions ba	ased on	MWFRS		
	В	Brg V	Vid = 7.	8 Min	Req = 1.5	(Truss	s)
	G	Brg V	Vid = -	Min	Reg = -	•	•
	Bea	ring B	is a rig	id surfac	ce.		
	Men	nbers	not liste	d have	forces less	than 3	375#
	Max	imun	Top C	hord Fo	orces Per	Ply (lb	s)
	Cho	rds 7	Tens.Co	mp.	Chords	Tens.	Comp.
	В-0		84 -	611	C-D	78	- 582

Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp.

527

Maximum Web Forces Per Ply (lbs) Webs Tens.Comp.

D-H 113 - 505

Top chord: 2x4 SP M-31; Bot chord: 2x4 SP M-31; Webs: 2x4 SP #3;

## Hangers / Ties

(J) Hanger Support Required, by others

### Loading

Hipjack supports 7-0-0 setback jacks with no webs.

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.



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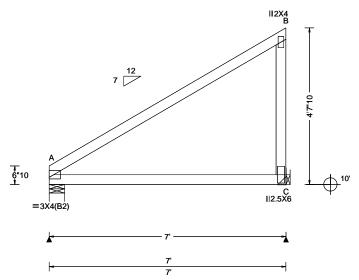
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SEQN: 46862 / **EJAC** Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T117 FROM: Qty: 4 DrwNo: 205.24.1159.13482 Logan Jack Truss Label: J04 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.014 B
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.028 B
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.856
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.566
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: Yes	Max Web CSI: 0.078
	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18

### ▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL 294 /182 /143 288 /-/213 /-/94 Wind reactions based on MWFRS Brg Wid = 5.5Min Req = 1.5 (Truss) Brg Wid = -Min Req = -Bearing A is a rigid surface. Members not listed have forces less than 375#

### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

## Hangers / Ties

(J) Hanger Support Required, by others

### Wind

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.



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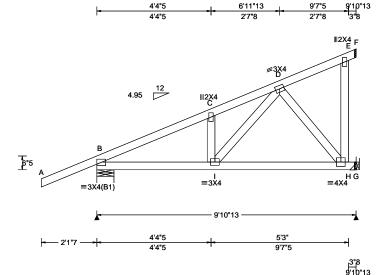
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SEQN: 105824 HIP\_ Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T84 FROM: Qty: 1 DrwNo: 205.24.1509.04130 Logan Jack Truss Label: J04HJ AK / WHK 07/23/2024



Snow Criteria (Pg,Pf in PSF)

Cs: NA

Snow Duration: NA

FBC 8th Ed. 2023 Res.

**Building Code:** 

TPI Std: 2014

FT/RT:20(0)/10(0)

Rep Fac: No

Plate Type(s):

WAVE

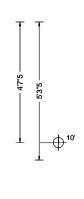
Ct: NA CAT: NA

Ce: NA

Pg: NA

Pf: NA

Lu: NA



				-	
DefI/CSI Criteria					
PP Deflection	n in	loc	L/defl	L/#	
VERT(LL):	0.020	0	999	240	
VERT(CL):	0.040	0	999	180	
HORZ(LL):	0.004	1 H	1 -	-	
HORZ(TL):	0.008	3 F	1 -	-	
Croon Facto	vr. 2 0				

VERT(LL): VERT(CL): HORZ(LL): HORZ(TL): Creep Factor: 2.0 Max TC CSI: 0.263 Max BC CSI: 0.258 Max Web CSI: 0.167

VIEW Ver: 23.02.01A.1204.18

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 464 /-/103 /-629 Wind reactions based on MWFRS Brg Wid = 7.8 Min Reg = 1.5 (Truss) Brg Wid = -Min Reg = -Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

### Lumber

Top chord: 2x4 SP M-31; Bot chord: 2x4 SP M-31; Webs: 2x4 SP #3;

Loading Criteria (psf)

20.00

10.00

0.00

10.00

40.00

2.00

Load Duration: 1.25

TCLL:

TCDL:

BCII:

BCDL:

Soffit:

Des Ld:

NCBCLL: 0.00

Spacing: 24.0 "

### Hangers / Ties

(J) Hanger Support Required, by others

### Loading

Hipjack supports 7-0-0 setback jacks with no webs.

Wind Criteria

Speed: 130 mph

Enclosure: Closed

Risk Category: II

EXP: C Kzt: NA

TCDL: 5.0 psf

BCDL: 5.0 psf

Mean Height: 15.00 ft

C&C Dist a: 3.00 ft

Wind Duration: 1.60

Loc. from endwall: NA

MWFRS Parallel Dist: 0 to h/2

GCpi: 0.18

Wind Std: ASCE 7-22

Wind loads and reactions based on MWFRS. Wind loading based on both gable and hip roof types.

### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp.

C-D

527

B - C

## Maximum Web Forces Per Ply (lbs)

84 - 611

Webs Tens.Comp. D-H 113 - 505



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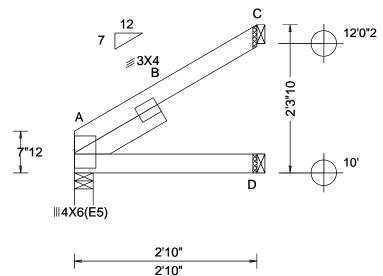
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SEQN: 46199 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T183 FROM: Qty: 1 DrwNo: 205.24.1159.11570 Logan Jack Truss Label: J05 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: not in 4.50 ft GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.005 B HORZ(TL): 0.010 B Creep Factor: 2.0 Max TC CSI: 0.169 Max BC CSI: 0.078 Max Web CSI: 0.092	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	J
Lumber				

▲ Maximum Reactions (lbs)								
	Gravity Non-Gravity							
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
Α	118	/-	/-	/71	/-	/57		
D	54	/-	/-	/30	/-	/-		
С	86	/-	/-	/58	/50	/-		
Wir	nd read	ctions b	ased on N	/WFRS				
Α	Brg V	Vid = 3.	5 Min F	Req = 1.5	(Trus	s)		
D	Brg V	Vid = 1.	5 Min F	?eq = -	•	•		
			5 Min F					
Bearing A is a rigid surface.								
Members not listed have forces less than 375#								

Top chord: 2x4 SP #2;

nailed at Bot chord.

Bot chord: 2x4 SP #2; Lt Slider: 2x4 SP #3; block length = 1.500'

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe



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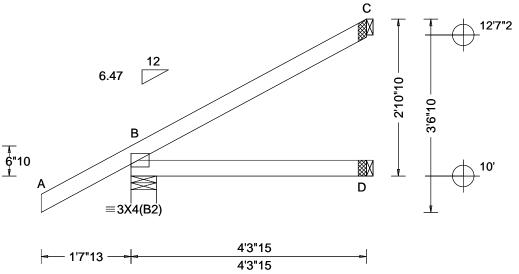
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 46242 / HIP\_ Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T190 FROM: Qty: 2 DrwNo: 205.24.1159.11857 Logan Jack Truss Label: J05HJ NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	•
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: NA GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 B HORZ(TL): 0.000 B Creep Factor: 2.0 Max TC CSI: 0.172 Max BC CSI: 0.053 Max Web CSI: 0.000	L B D C W B D C B M
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	
Lumber	•	•	•	•

▲ Maximum Reactions (lbs)							
Gravity Non-Gravity							
R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
142	/-	/-	/-	/30	/-		
26	/-	/-	/13	/-	/-		
77	/-	/-	/-	/27	/-		
d read	ctions b	ased on N	/WFRS				
Brg V	Vid = 5.	6 Min F	Req = 1.5	(Trus	s)		
Brg V	Vid = 1.	5 Min F	Req = -				
Brg V	Vid = 1.	5 Min F	Req = -				
Bearing B is a rigid surface.							
nbers	not list	ed have fo	rces les	s than	375#		
	R+  142 26 77 d read Brg V Brg V ring B	Gravity R+ /R-  142 /- 26 /- 77 /- d reactions b Brg Wid = 5. Brg Wid = 1. Brg Wid = 1. ring B is a rig	Gravity R+ / R- / Rh  142 /- /- 26 /- /- 77 /- /- d reactions based on M Brg Wid = 5.6 Min F Brg Wid = 1.5 Min F	Gravity No. R+ /R- /Rh /Rw  142 /- /- /- /13 77 /- /- /- /- /- /- /- /- /- /- /- /- /-	Gravity Non-Gra R+ / R- / Rh / Rw / U  142 /- /- /- /13 /- 77 /- /- /- /27  d reactions based on MWFRS Brg Wid = 5.6 Min Req = 1.5 (Trus Brg Wid = 1.5 Min Req = -  Brg Wid = 1.5 Min Req = -		

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Hipjack supports 3-0-12 setback jacks with no webs.

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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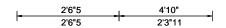
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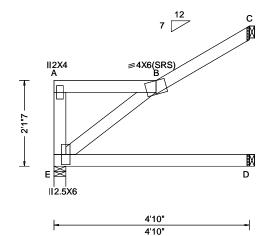
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025 SEQN: 46197 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T116 FROM: Qty: 1 DrwNo: 205.24.1159.13576 Logan Jack Truss Label: J06 NW / DF 07/23/2024







TCLL: 20.00 Wind Std: ASCE 7-22 Pg: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/# VERT(LL): 0.065 B 888 24  BCLL: 0.00 Enclosure: Closed Lu: NA Cs: NA VERT(LL): 0.065 B 888 24  BCDL: 10.00 Risk Category: II Snow Duration: NA HORZ(LL): 0.047 A	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Γ
Wind Duration: 1.60   WAVE   VIEW Ver: 23.02.01A.1204.18	TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: not in 4.50 ft	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	PP Deflection in loc L/defl L/# VERT(LL): 0.065 B 888 240 VERT(CL): 0.136 B 427 180 HORZ(LL): 0.047 A HORZ(TL): 0.098 A Creep Factor: 2.0 Max TC CSI: 0.512 Max BC CSI: 0.261	
		Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	l

▲ M	laxim	um Rea	ictions (II	os)		
	G	avity		No	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Е	201	/-	/-	/137	/-	/46
D	94	/-	/-	/63	/-	/-
С	148	/-	/-	/87	/75	/-
Win	d read	ctions b	ased on N	/WFRS		
Е	Brg V	Vid = 3	.5 Min F	Req = 1.5	(Trus	s)
D	Brg V	Vid = 1	.5 Min F	Req = -		-
С	Brg V	Vid = 1	.5 Min F	Req = -		
Bea	ring E	is a rig	jid surface	<del>)</del> .		
Mer	nbers	not list	ed have fo	rces les	s than	375#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

# Wind

Wind loads based on MWFRS with additional C&C

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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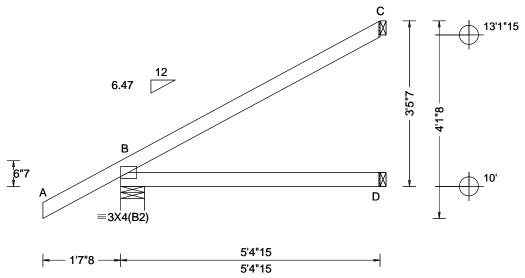
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SEQN: 46244 / HIP\_ Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T7 / FROM: Qty: 2 DrwNo: 205.24.1159.12871 Logan Jack Truss Label: J06HJ NW / DF 07/23/2024



				_
Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.002 B	<u> </u>
Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: NA GCpi: 0.18	Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.004 B Creep Factor: 2.0  Max TC CSI: 0.338  Max BC CSI: 0.138  Max Web CSI: 0.000	() E () E
Lumban	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	
Lumber				

# ▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 173 /-D 46 /-/19 /-131 /45 Wind reactions based on MWFRS Brg Wid = 6.0 Min Req = 1.5 (Truss) Brg Wid = 1.5 Min Req = -Brg Wid = 1.5 Min Req = -Bearing B is a rigid surface. Members not listed have forces less than 375#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Hipjack supports 3-9-15 setback jacks with no webs.

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe

nailed at Bot chord.



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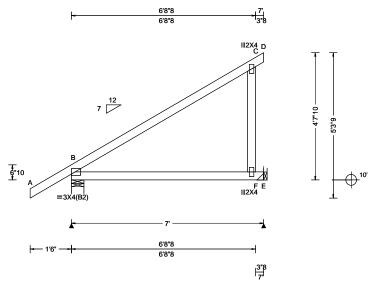
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SEQN: 105826 **EJAC** Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T77 FROM: DrwNo: 205.24.1509.06217 Qty: 2 Logan Jack Truss Label: J07 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maxi
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.021 C HORZ(TL): 0.042 C Creep Factor: 2.0 Max TC CSI: 0.730 Max BC CSI: 0.575 Max Web CSI: 0.080  VIEW Ver: 23.02.01A.1204.18	Loc R  B 407 E 276 Wind re B Bry E Bry Bearing Membe

	▲ Maximum Reactions (lbs)							
B 407 /- /- /275 /- /12 E 276 /- /- /202 /46 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = - Min Req = -			3ravity		No	on-Gra	vity	
E 276 /- /- /202 /46 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = - Min Req = -	Loc R+ /R- /Rh			/ Rh	/ Rw	/U	/ RL	
Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = - Min Req = -	3 .	407	/-	/-	/275	/-	/121	
B Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = - Min Req = -	= :	276	/-	/-	/202	/46	/-	
E Brg Wid = - Min Req = -	Nine	d rea	ctions b	ased on N	/WFRS			
	3	Brg \	Nid = 5.	5 Min F	Req = 1.5	(Trus	ss)	
Pooring B is a rigid surface	=	Brg \	Nid = -	Min F	Req = -	-	-	
bearing b is a rigid surface.	3ea	ring E	3 is a rig	id surface	). •			
Members not listed have forces less than 375#	Mem	nbers	not list	ed have fo	orces less	s than	375#	

# Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# Hangers / Ties

(J) Hanger Support Required, by others

# Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.



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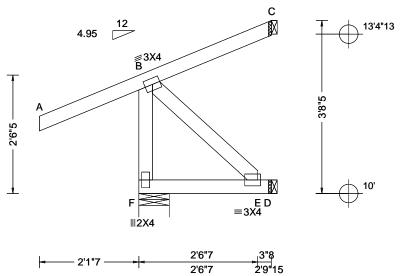
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SEQN: 47470 / HIP\_ Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T30 / FROM: Qty: 1 DrwNo: 205.24.1159.12229 Logan Jack Truss Label: J07HJ NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	T
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.000 B 999 240	
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.001 B 999 180	
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 C	
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.001 C	
NCBCLL: 0.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.286	
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.011	
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: No	Max Web CSI: 0.039	
'	Loc. from endwall: NA	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		1
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	
Lumber				

	▲ M	laxim	um Rea	ctions (I	bs)		
		G	avity		No	on-Gra	vity
0	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
0	F	157	/-	/-	/-	/42	/-
	D	5	/- /-	/-	/7	/-	/-
	С	1	/-	/-	/-	/4	/-
	Win	d read	ctions b	ased on I	MWFRS		
	F	Brg V	Vid = 7	.8 Min	Req = 1.5	(Trus	s)
	D	Brg V	Vid = 1	.5 Min l	Req = -		
	С	Brg V	Vid = 1	.5 Min l	Req = -		
	Bea	ring F	is a rig	id surface	Э.		
	Mer	nbers	not list	ed have f	orces les	s than	375#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# Loading

Hipjack supports 2-0-0 setback jacks with no webs.

# Wind

Wind loads and reactions based on MWFRS. Left end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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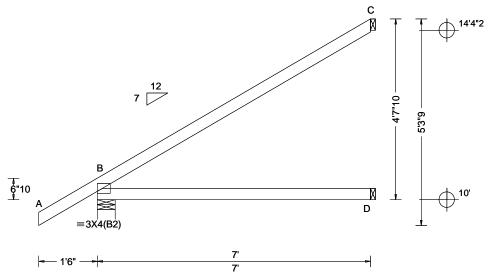
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SEQN: 46820 / **EJAC** Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T163 FROM: Qty: 8 DrwNo: 205.24.1159.10803 Logan Jack Truss Label: J08 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.011 B HORZ(TL): 0.022 B Creep Factor: 2.0 Max TC CSI: 0.795 Max BC CSI: 0.550 Max Web CSI: 0.000
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18
Lumber			

		ctions (II	•	_	
G	ravity		No	on-Gra	ivity
Loc R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B 407	/-	/-	/275	/-	/121
D 133	/-	/-	/73	/-	/-
C 197	/-	/-	/129	/71	/-
Wind read	ctions b	ased on N	/WFRS		
B Brg V	Vid = 5.	5 Min F	Req = 1.5	5 (Trus	s)
D Brg V	Vid = 1.	5 Min F	Req = -		
C Brg V	Vid = 1.	5 Min F	Req = -		
Bearing B	is a rig	id surface	). •		
Members	not liste	ed have fo	orces les	s than	375#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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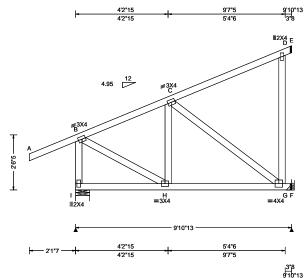
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SEQN: 105828 HIP\_ Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T25 FROM: DrwNo: 205.24.1509.09150 Qty: 1 Logan Jack Truss Label: J08HJ AK / WHK 07/23/2024





			0.10.10	
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	1
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No	PP Deflection in loc L/defl L/# VERT(LL): 0.020 D 999 240 VERT(CL): 0.041 D 999 180 HORZ(LL): 0.011 D HORZ(TL): 0.023 D Creep Factor: 2.0 Max TC CSI: 0.299 Max BC CSI: 0.672 Max Web CSI: 0.349	I F V I F B N
	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s):	VIEW Ver: 23.02.01A.1204.18	<u>C</u>   B
Lumber	Loc. from endwall: NA GCpi: 0.18	FT/RT:20(0)/10(0)	VIEW Ver: 23.02.01A.1204.18	

▲ M	axim	um Rea	actions (	lbs)				
Gravity				No	Non-Gravity			
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
1	430	/-	/-	/-	/84	/-		
F	639	/-	/-	/-	/106	/-		
Win	d rea	ctions b	ased on	MWFRS				
1	Brg \	Nid = 7	.8 Min	Req = 1.5	(Trus	s)		
F	Brg \	Nid = -	Min	Req = -				
Bea	ring I	is a rigi	d surface	<b>)</b> .				
Men	nbers	not list	ed have f	orces less	s than 3	375#		
Max	imur	n Top (	Chord Fo	rces Per	Ply (lb	s)		
Cho	rds ·	Tens.Co	omp.	_				
В-0	0	59	- 379					

Top chord: 2x4 SP M-31; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# Hangers / Ties

(J) Hanger Support Required, by others

# Loading

Hipjack supports 7-0-0 setback jacks with no webs.

Wind loads and reactions based on MWFRS. Left end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

Maximum Web Forces Per Ply (lbs) Tens.Comp. Webs Webs Tens. Comp.

83 - 447 C - G 72 B - H 398 - 61



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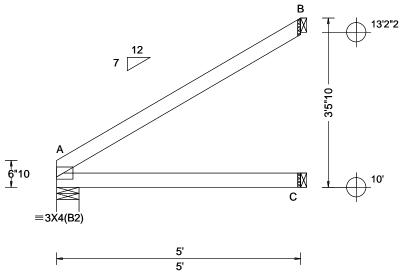
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SEQN: 45612 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T172 FROM: Qty: 1 DrwNo: 205.24.1159.12025 Logan Jack Truss Label: J09 NW / DF 07/23/2024



Defl/CSI Criteria

Loading Criteria (psi)	Willia Criteria	Show Criteria (Pg,Prin PSF)	Deli/Coi Cilleria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.005 A
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.010 A
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.468
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.276
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: Yes	Max Web CSI: 0.000
	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18
Lumber			

Snow Criteria (Pa Pf in PSE)

	G	ravity		No	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Α	211	/-	/-	/130	/-	/102
С	96	/-	/-	/54	/-	/-
В	147	/-	/-	/97	/82	/-
Win	d read	ctions b	ased on N	/WFRS		
Α	Brg V	Vid = 5.	5 Min F	Req = 1.5	(Trus	s)
С	Brg V	Vid = 1.	5 Min F	. = eq	•	•
В	Brg V	Vid = 1.	5 Min F	?eq = -		
Bea	ring A	is a rio	id surface	). ).		
	_	-	ed have fo		s than	375#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Loading Criteria (nef) Wind Criteria

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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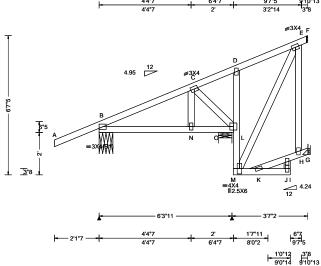
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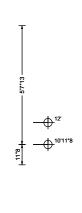
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SEQN: 105830 MONO Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T22 FROM: DrwNo: 205.24.1509.14633 Qty: 1 Logan Jack Truss Label: J09HJ AK / WHK 07/23/2024





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Ī
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: NA GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.017 K 999 240 VERT(CL): 0.034 K 999 180 HORZ(LL): -0.005 G HORZ(TL): 0.010 G Creep Factor: 2.0 Max TC CSI: 0.414 Max BC CSI: 0.378 Max Web CSI: 0.125  VIEW Ver: 23.02.01A.1204.18	
Lumbor	·	·		_

▲ M	laxim	um Rea	ctions (II	os)		
	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	230	/-	/-	/-	/52	/-
0	586	/-	/-	/-	/103	/-
G	278	/-	/-	/-	/41	/-
Wir	nd read	ctions b	ased on N	/WFRS		
В	Brg V	Vid = 7.	8 Min F	Req = 1.5	(Trus	s)
0	Brg V	Vid = 7.	8 Min F	Req = 1.5	(Trus	s)
			Min F		•	•
Bea	arings	B & O a	re a rigid	surface.		
	_		ed have fo		s than 3	375#

# Lumbe

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# **Plating Notes**

All plates are 2X4 except as noted.

# Hangers / Ties

(J) Hanger Support Required, by others

Hipjack supports 7-0-0 setback jacks with no webs.

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

# **Additional Notes**

Shim all supports to solid bearing.

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).



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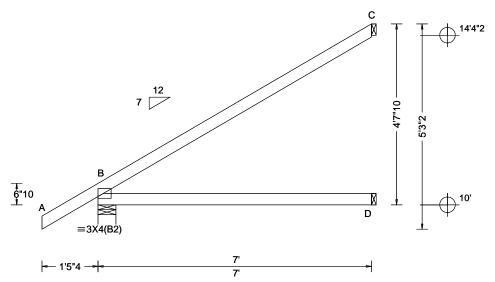
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SEQN: 46232 / HIP\_ Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T31 / FROM: Qty: 11 DrwNo: 205.24.1159.11444 Logan Jack Truss Label: J10 NW / DF 07/23/2024



Defl/CSI Criteria

Loading Criteria (psi)	Willia Criteria	Show Criteria (Pg,Prin PSF)	Deli/Coi Cilleria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.011 B
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.023 B
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.799
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.551
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: Yes	Max Web CSI: 0.000
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18
Lumber			

Snow Criteria (Pa Pf in PSE)

▲ Maximum Reactions (lbs)  Gravity Non-Gravity						
Loc R	k+ /R-	/ Rh	/ Rw		/ RL	
B 40	2 /-	/-	/-	/87	/-	
D 13	3 /-	/-	/26	/-	/-	
C 19	8 /-	/-	/-	/70	/-	
Wind r	eactions	based on I	<b>MWFRS</b>			
B Br	g Wid =	5.5 Min f	Req = 1.5	5 (Trus	s)	
D Br	g Wid =	1.5 Min F	Req = -	•	•	
C Br	g Wid =	1.5 Min F	Req = -			
Bearin	gBisar	igid surface	э.			
Membe	ers not lis	ted have fo	orces les	s than	375#	

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Loading Criteria (nef) Wind Criteria

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2)16d common nails(0.162"x3.5"), toe

nailed at Bot chord.



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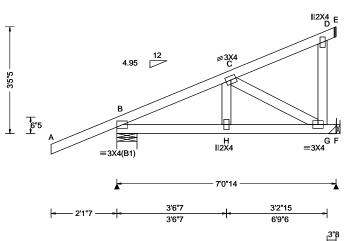
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 105844 **EJAC** Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T42 FROM: DrwNo: 205.24.1509.20160 Qty: 2 Logan Jack Truss Label: J10HJ AK / WHK 07/23/2024

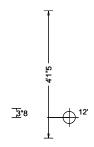
6'9"6

3'2"15



3'6"7

3'6"7



1	3"β	
1	70'14	

			7'0"14
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.009 H 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.018 H 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.002 B
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.005 B
NCBCLL: 0.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.164
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.271
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.062
' "	Loc. from endwall: NA	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18
	•	•	•

▲ Maximum Reactions (lbs)							
Gravity				No	on-Gra	vity	
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
В	308	/-	/-	/-	/68	/-	
F	298	/-	/-	/-	/47	/-	
Win	d read	ctions b	ased on N	/WFRS			
В	Brg V	Vid = 7	.8 Min F	Req = 1.5	(Trus	s)	
F	Brg V	Vid = -	Min F	Reg = -		-	
Bea	ring B	is a rig	id surface	). •			
Mor	nbers	not list	ed have fo	orces les	s than	375#	

# Lumber

Top chord: 2x4 SP M-31; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# Hangers / Ties

(J) Hanger Support Required, by others

# Loading

Hipjack supports 5-0-0 setback jacks with no webs.

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.



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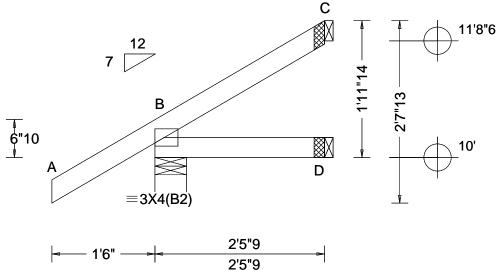
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SEQN: 46238 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T186 FROM: Qty: 6 DrwNo: 205.24.1159.11195 Logan Jack Truss Label: J11 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	•
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: Any GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C HORZ(TL): 0.001 C Creep Factor: 2.0 Max TC CSI: 0.259 Max BC CSI: 0.050 Max Web CSI: 0.000	L B D C W B D C B M
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	
Lumber	•	•	•	•

## ▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 242 /-/176 /75 44 /-/-/26 47 /32 /35 Wind reactions based on MWFRS Brg Wid = 5.5 Min Req = 1.5 (Truss) Min Req = -Brg Wid = 1.5 Brg Wid = 1.5 Min Req = -Bearing B is a rigid surface. Members not listed have forces less than 375#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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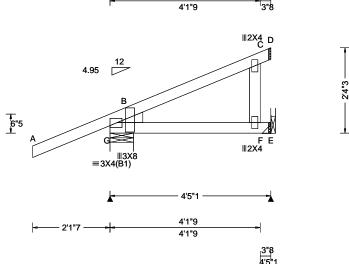
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 105861 HIP\_ Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T99 FROM: Qty: 1 DrwNo: 205.24.1509.22653 Logan Jack Truss Label: J11HJ AK / WHK 07/23/2024

4'1"9



			451
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res.	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.004 B HORZ(TL): 0.007 B Creep Factor: 2.0 Max TC CSI: 0.127
Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	Max BC CSI: 0.147 Max BC CSI: 0.147 Max Web CSI: 0.042 VIEW Ver: 23.02.01A.1204.18
Lumber			

▲ Maximum Reactions (lbs)								
Gravity				No	on-Gra	vity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
G	209	/-	/-	/-	/97	/-		
Е	118	/-9	/-	/-	/24	/-		
Win	d read	ctions b	ased on N	/WFRS				
G	Brg V	Vid = 7.	8 Min F	Req = 1.5	(Trus	s)		
Е	Brg V	Vid = -	Min F	Reg = -		-		
Bea	ring G	is a rig	id surface	э. Э.				
			ed have fo		s than	375#		

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Lt Wedge: 2x4 SP #3;

# **Special Loads**

---(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 0.00 0 plf at 2 plf at -2 12 to 62 plf at 2 plf at TC: From 0.00 to 4.42 BC: From 0 plf at -2.12 to 4 plf at 0.00 BC: From 2 plf at 0.00 to -39 lb Conc. Load at 1.48 TC: BC: 24 lb Conc. Load at 1.48

# Hangers / Ties

(J) Hanger Support Required, by others

Wind loads and reactions based on MWFRS. Wind loading based on both gable and hip roof types.



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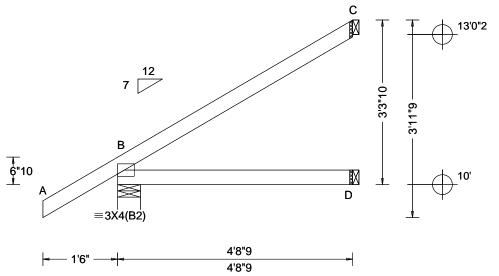
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SEQN: 46236 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T134 FROM: Qty: 2 DrwNo: 205.24.1159.12088 Logan Jack Truss Label: J12 NW / DF 07/23/2024



TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: not in 4.50 ft	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	DefI/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.003 C HORZ(TL): 0.005 B Creep Factor: 2.0 Max TC CSI: 0.383 Max BC CSI: 0.230 Max Web CSI: 0.000	
Lumber	Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	FT/RT:20(0)/10(0) Plate Type(s): WAVE	VIEW Ver: 23.02.01A.1204.18	

	G	ravity		No	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	318	/-	/-	/220	/30	/121
D	89	/-	/-	/48	/-	/-
С	127	/-	/-	/81	/74	/-
Wir	nd read	ctions b	ased on N	/WFRS		
В	Brg V	Vid = 5.	5 Min F	Req = 1.5	(Trus	s)
D	Brg V	Vid = 1.	5 Min F	. = eq	•	•
С	Brg V	Vid = 1.	5 Min F	?eq = -		
Bea	ring B	is a rig	id surface	). ).		
Mei	mbers	not liste	ed have fo	orces les	s than	375#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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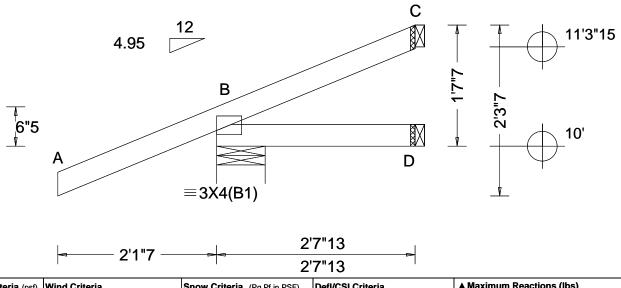
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SEQN: 47615 / HIP\_ Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T14 / FROM: Qty: 1 DrwNo: 205.24.1159.13373 Logan Jack Truss Label: J12HJ NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA	<u>L</u>
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	E
BCDL: 10.00	Risk Category: II EXP: C Kzt: NA	Snow Duration: NA	HORZ(LL): -0.001 B	С
Des Ld: 40.00	Mean Height: 15.00 ft		HORZ(TL): 0.003 B	C
NCBCLL: 0.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	۷ E
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.270	
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.060	Ċ
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: No	Max Web CSI: 0.000	E
	Loc. from endwall: NA	FT/RT:20(0)/10(0)		٨
	GCpi: 0.18	Plate Type(s):		ĺ
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	
Lumber				

▲ Max		m Rea avity	actions (II	•	on-Gra	vitv
Loc		•	/ Rh	/ Rw		/ RL
B 1	57	/-	/-	/-	/42	/-
D -		/-2	/-	/8	/-	/-
С -		/-4	/-	/-	/1	/-
Wind	react	tions b	ased on N	/WFRS		
В В	rg W	id = 7	.8 Min F	Req = 1.5	(Trus	s)
D B	rg W	'id = 1	.5 Min F	Req = -	•	•
C E	rg W	'id = 1	.5 Min F	Req = -		
Beari	ng B	is a rig	gid surface	e		
Memb	ers i	not list	ed have fo	orces les	s than	375#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Hipjack supports 1-10-8 setback jacks with no webs.

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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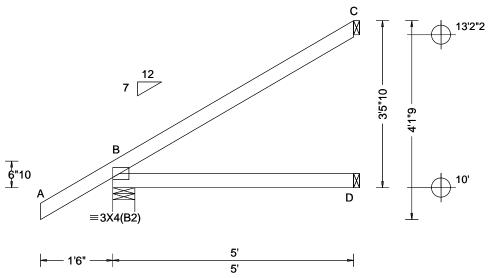
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SEQN: 47617 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T23 / FROM: Qty: 3 DrwNo: 205.24.1159.13874 Logan Jack Truss Label: J13 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf WWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: NA GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.001 B HORZ(TL): 0.003 B Creep Factor: 2.0 Max TC CSI: 0.263 Max BC CSI: 0.105 Max Web CSI: 0.000
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18
Lumber			

▲ Maximum Reactions (lbs)							
Gravity Non-Gravity							
: R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
151	/-	/-	/-	/29	/-		
39	/-	/-	/17	/-	/-		
112	/-	/-	/-	/38	/-		
Wind reactions based on MWFRS							
Brg V	Vid = 5	.5 Min F	Req = 1.5	(Trus	s)		
Brg V	Vid = 1	.5 Min F	Req = -				
Brg \	Vid = 1	.5 Min F	Req = -				
Bearing B is a rigid surface.							
Members not listed have forces less than 375#							
	151 39 112 112 read Brg V Brg V	Gravity R+ / R-  151 /- 39 /- 112 /- nd reactions b Brg Wid = 5. Brg Wid = 1. Brg Wid = 1. Brg Wid = 1.	Gravity  R+ /R- /Rh  151 /- /- 39 /- /- 112 /- /- dreactions based on M Brg Wid = 5.5 Min F Brg Wid = 1.5 Min F	Gravity No. R+ /R- /Rh /Rw  151 /- / /- 17  39 /- /- /- /17  112 /- /- /- /- /- /- /- /- /- /- /- /- /-	Gravity Non-Gravity Non-Gravity R+ /R- /Rh /Rw /U  151 /- /- /- /29 39 /- /- /17 /- 112 /- /- /- /38  Ind reactions based on MWFRS  Brg Wid = 5.5 Min Req = 1.5 (Trus  Brg Wid = 1.5 Min Req = -  Brg Wid = 1.5 mi		

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Hipjack supports 3-6-7 setback jacks with no webs.

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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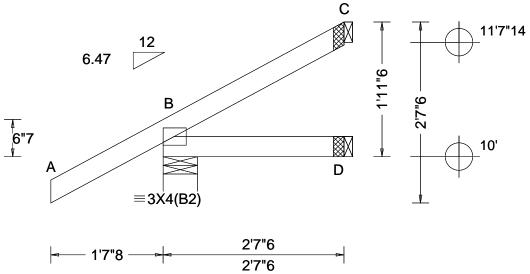
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SEQN: 47802 / HIP\_ Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T54 / FROM: Qty: 2 DrwNo: 205.24.1159.13185 Logan Jack Truss Label: J13HJ NW / DF 07/23/2024



Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0."	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: Any GCpi: 0.18	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C HORZ(TL): 0.001 C Creep Factor: 2.0 Max TC CSI: 0.143 Max BC CSI: 0.032 Max Web CSI: 0.000	(
1		TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s):	Max BC CSI: 0.032	C E N
Lumber	Wind Duration: 1.60	WAVE	VIEW Vel. 23.02.01A.1204.18	j
Luilibei				

	G	ravity		N	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	106	/-	/-	/-	/25	/-
D	4	/-	/-	/6	/-	/-
С	11	/-	/-	/5	/5	/-
Win	d read	ctions b	ased on N	/WFRS		
В	Brg V	Vid = 6.	0 Min F	Req = 1.8	(Trus	s)
D	Brg V	Vid = 1.	5 Min F	Req = -		-
С	Brg V	Vid = 1.	5 Min F	?eq = -		
Bea	ring B	is a rig	id surface	).		
Mer	nbers	not liste	ed have fo	orces les	s than	375#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Hipjack supports 1-10-3 setback jacks with no webs.

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe

nailed at Bot chord.



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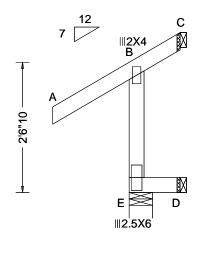
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SEQN: 47601 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T164 FROM: Qty: 4 DrwNo: 205.24.1159.11726 Logan Jack Truss Label: J14 NW / DF 07/23/2024







Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.000 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.001 B 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.000 B
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 B
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.259
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.010
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: Yes	Max Web CSI: 0.138
-	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL E 220 /198 /-D 20 /-/10 /-/-45 /52 Wind reactions based on MWFRS Brg Wid = 5.5 Min Req = 1.5 (Truss) Bearing E is a rigid surface. Members not listed have forces less than 375# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp.

465 - 210

B - E

# Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# Wind

Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe

nailed at Bot chord.



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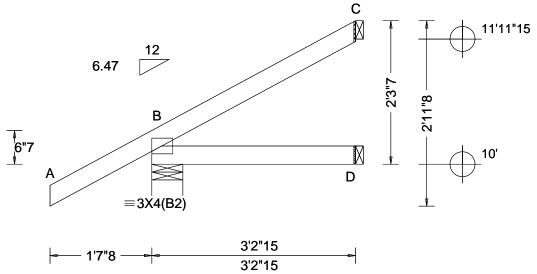
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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 continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR 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 Detailis, 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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SEQN: 46483 / HIP\_ Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T198 FROM: Qty: 2 DrwNo: 205.24.1159.14141 Logan Jack Truss Label: J14HJ NW / DF 07/23/2024



BCDL:   10.00   Des Ld:   40.00   NCBCLL:   0.00   Soffit:   2.00   Load Duration: 1.25   Spacing: 24.0 "   C&C Dist a: 3.00 ft ft Loc. from endwall: NA GCpi: 0.18   Wind Duration: 1.60   WAVE   Snow Duration: NA   HOR2(LL): -0.001 C   HORZ(TL): 0.002 C   Creep Factor: 2.0   HORZ(TL): 0.002 C   Creep Factor: 2.0   Max TC CSI: 0.179   Max BC CSI: 0.041   Max Web CSI: 0.0041   Max Web CSI: 0.000   Max Web CS	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	1
WAVE	TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: NA GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s):	VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C HORZ(TL): 0.002 C Creep Factor: 2.0 Max TC CSI: 0.179 Max BC CSI: 0.041 Max Web CSI: 0.000	L B D C W B D C B M
	Lumber		IVVAVL		J

	G	ravity		N	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	127	/-	/-	/-	/29	/-
D	10	/-	/-	/8	/-	/-
С	30	/-	/-	/-	/12	/-
Win	d read	ctions b	ased on N	/WFRS		
В	Brg V	Vid = 6.	0 Min F	Req = 1.8	(Trus	s)
D	Brg V	Vid = 1.	5 Min F	Req = -		-
С	Brg V	Vid = 1.	5 Min F	?eq = -		
Bea	ring B	is a rig	id surface	).		
Men	nbers	not liste	ed have fo	orces les	s than	375#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Hipjack supports 2-3-9 setback jacks with no webs.

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe

nailed at Bot chord.



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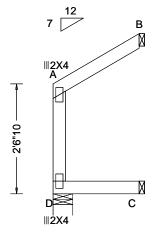
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SEQN: 47472 / **EJAC** Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T19 / FROM: Qty: 1 DrwNo: 205.24.1159.13357 Logan Jack Truss Label: J15 NW / DF 07/23/2024





L	2'	_1
	2'	

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
Loading Criteria (psf)	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: Any GCpi: 0.18	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Defl/CSI Criteria
Lumbor	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18

▲ Ma	aximı	ım Rea	ctions (II	os)		
	G	ravity	•	N	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/U	/ RL
D	83	/-	/-	/60	/23	/-
C .	40	/-	/-	/20	/-	/-
В	63	/-	/-	/32	/13	/40
Wind	d read	tions ba	ased on N	/WFRS		
D	Brg V	Vid = 5.3	5 Min F	Req = 1.5	(Trus	s)
С	Brg V	Vid = 1.3	5 Min F	Req = -		
В	Brg V	Vid = 1.3	5 Min F	Req = -		
Bear	ring D	is a rig	id surface	e		
Mem	nbers	not liste	d have fo	orces les	s than	375#

# Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# Wind

Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe

nailed at Bot chord.



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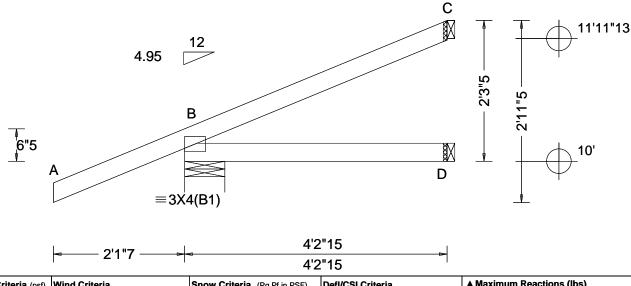
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SEQN: 46171 / HIP\_ Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T46 / FROM: Qty: 1 DrwNo: 205.24.1159.12214 Logan Jack Truss Label: J15HJ NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA	!
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	H
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.002 B	1
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.004 B	(
NCBCLL: 0.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	١.
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.414	
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.110	Ľ
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: No	Max Web CSI: 0.000	li
	Loc. from endwall: NA	FT/RT:20(0)/10(0)		H
	GCpi: 0.18	Plate Type(s):		ł
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	
Lumber	·	·	·	

Gravity				N	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	218	/-	/-	/-	/55	/-
D	16	/-	/-	/15	/-	/-
С	52	/-	/-	/-	/21	/-
Win	d read	ctions b	ased on N	/WFRS		
В	Brg V	Vid = 7.	8 Min F	Req = 1.8	(Trus	s)
D	Brg V	Vid = 1.	5 Min F	Req = -	•	•
С	Brg V	Vid = 1.	5 Min F	Req = -		
			id surface			
Mer	nbers	not liste	ed have fo	orces les	s than	375#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Hipjack supports 3-0-0 setback jacks with no webs.

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe

nailed at Bot chord.



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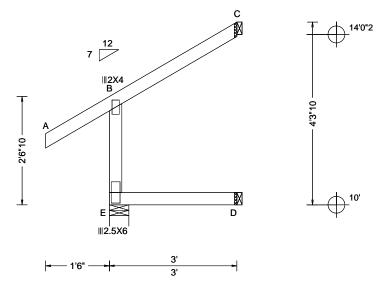
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SEQN: 47280 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T165 FROM: Qty: 2 DrwNo: 205.24.1159.14057 Logan Jack Truss Label: J16 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.000 B 999 240	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.001 B 999 180	le
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 B	[
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.001 B	(
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0	١
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.253	E
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.098	ļ
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: Yes	Max Web CSI: 0.118	E
Johann St 110	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)		N
	GCpi: 0.18	Plate Type(s):		"
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	ľ

	۸N	/laximu	ım Rea	ctions (II	os)					
ŧ		G	ravity		No	on-Gra	vity			
40	Loc	: R+	/ R-	/ Rh	/Rw	/ U	/ RL			
80	Е	252	/-	/-	/213	/85	/-			
-	D	60	/-	/-	/30	/-	/-			
-	С	69	/-	/-	/57	/18	/86			
	Wii	Wind reactions based on MWFRS								
	Е	Brg V	Vid = 5	.5 Min F	Req = 1.5	(Trus	s)			
	D	Brg V	Vid = 1	.5 Min F	Req = -					
	С	Brg V	Vid = 1	.5 Min F	Req = -					
	Bea	aring E	is a rig	jid surface	<del>)</del> .					
	Ме	mbers	not list	ed have fo	orces less	than	375#			
	Ma	ximun	Web I	Forces Pe	er Ply (lb	s)				
	We	bs 1	ens.Co	omp.	• •					

396 - 222

B - E

# Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# Wind

Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.

COA #0278 ONAL

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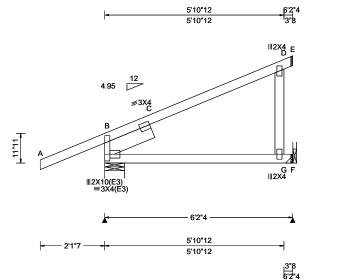
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SEQN: 105863 HIP\_ Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T29 FROM: DrwNo: 205.24.1509.25630 Qty: 1 Logan Jack Truss Label: J16HJ AK / WHK 07/23/2024



			*= :
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.014 C
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.027 C
NCBCLL: 0.00	Mean Height: 15.81 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.411
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.240
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No	Max Web CSI: 0.097
'	Loc. from endwall: NA	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18
Lumban	•	•	•

	Gravity	ctions (II	•	on-Gra	vity
Loc R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B 268	/-	/-	/-	/66	/-
F 221	/-	/-	/-	/37	/-
Wind rea	actions b	ased on N	/WFRS		
B Brg	Wid = 7	.8 Min F	Req = 1.5	(Trus	s)
F Brg	Wid = -	Min F	Req = -	•	•
Bearing	B is a ric	id surface	· ).		
		ed have fo		s than	375#

# Lumber

Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Lt Slider: 2x6 SP 2400f-2.0E; block length = 1.734'

# Hangers / Ties

(J) Hanger Support Required, by others

# Loading

Hipjack supports 4-4-8 setback jacks with no webs.

Wind loads and reactions based on MWFRS. Wind loading based on both gable and hip roof types.



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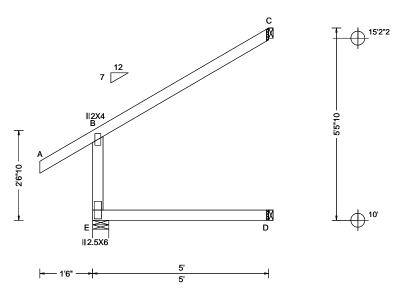
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SEQN: 47282 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T11 / FROM: Qty: 3 DrwNo: 205.24.1159.11367 Logan Jack Truss Label: J17 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	1
Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: not in 4.50 ft	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	Defi/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.001 B 999 240 VERT(CL): 0.001 B 999 180 HORZ(LL): -0.001 B HORZ(TL): 0.001 B Creep Factor: 2.0 Max TC CSI: 0.481 Max BC CSI: 0.297 Max Web CSI: 0.134	1
	GCpi: 0.18	Plate Type(s):	V/IE/M/ V/ 00 00 04 A 400 4 40	N
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	V

	▲ N	laxim	ım Rea	ctions (II	os)					
ŧ		G	ravity		No	on-Grav	/ity			
40	Loc	: R+	/ R-	/ Rh	/Rw	/ U	/ RL			
80	Е	325	/-	/-	/264	/107	/-			
-	D	100	/-	/-	/50	/-	/-			
-	С	143	/-	/-	/78	/11	/127			
	Wir	Wind reactions based on MWFRS								
	Е	Brg V	Vid = 5.	5 Min F	Req = 1.5	(Truss	s)			
	D	Brg V	Vid = 1.	.5 Min F	Req = -					
	С	Brg V	Vid = 1.	.5 Min F	Req = -					
	Bea	aring E	is a rig	id surface	<b>)</b> .					
	Me	mbers	not liste	ed have fo	rces les	s than 3	375#			
	Ma	ximun	n Web I	Forces Po	er Ply (lb	s)				
	We	bs 1	Tens.Co	omp.						

451 - 275

B - E

# Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# Wind

Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe

nailed at Bot chord.



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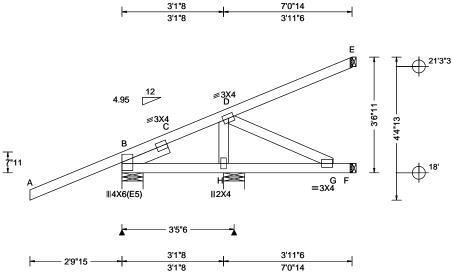
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installiers shall provide temporary bracing per BCSI. 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 continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR 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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SEQN: 46531 / HIP\_ Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T114 FROM: DrwNo: 205.24.1159.13921 Qty: 1 Logan Jack Truss Label: J17HJ NW / DF 07/23/2024



Loading Criteria (psf)   TCLL: 20.00   TCDL: 10.00   BCLL: 0.00   BCDL: 10.00   Des Ld: 40.00   NCBCLL: 0.00   Soffit: 2.00   Load Duration: 1.25   Spacing: 24.0   "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 19.52 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: NA GCpi: 0.18	Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s):	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): -0.015 C 999 240 VERT(CL): -0.030 C 999 180 HORZ(LL): -0.007 C HORZ(TL): 0.015 C Creep Factor: 2.0 Max TC CSI: 0.630 Max BC CSI: 0.078 Max Web CSI: 0.159	E F E H F E
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	] [

1	▲ Maximum Reactions (lbs)								
		(	avity		No	on-Grav	vity		
1	_oc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
1	3	187	/-	/-	/-	/100	/-		
H	4	284	/-	/-	/-	/13	/-		
H	=	15	/-	/-	/11	/-	/-		
ı	Ξ	153	/-	/-	/-	/71	/-		
١	۷ir	nd rea	ctions b	ased on	MWFRS				
ı	3	Brg \	Vid = 7	.8 Min	Req = 1.5	(Trus	s)		
	1	Brg \	Vid = 7	.8 Min	Req = 1.5	(Trus	s)		
H	=	Brg \	Vid = 1	5 Min	Req = -				
ı	Ξ			5 Min					
4	Зеа	arings	В&На	are a rigio	d surface.				
	Иеι	mbers	not list	ed have	forces less	s than 3	375#		

# Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

Lt Slider: 2x4 SP #3; block length = 1.500'

# Loading

Hipjack supports 5-0-0 setback jacks with no webs.

Wind loads and reactions based on MWFRS. Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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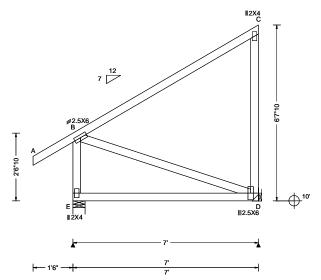
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SEQN: 47669 / **EJAC** Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T139 FROM: Qty: 1 DrwNo: 205.24.1159.10630 Logan Jack Truss Label: J18 NW / DF 07/23/2024



Loading Criteria (psf) Wind Criteria	Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria	<b>A</b>
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "  Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA Ce: NA PP Deflection in loc L/defl L/# VERT(LL): 0.001 C 999 240 VERT(CL): 0.002 C 999 180 VERT(CL): 0.005 C HORZ(TL): 0.005 C HORZ(TL): 0.005 C Creep Factor: 2.0 Max TC CSI: 0.822 Max BC CSI: 0.557 Max Web CSI: 0.289 FT/RT:20(0)/10(0) Plate Type(s): WAVE	

	▲ Maximum Reactions (lbs)								
	Gı	ravity		No	on-Grav	vity			
)	Loc R+	/ R-	/ Rh	/Rw	/ U	/ RL			
)	E 404	/-	/-	/247	/-	/169			
	D 280	/-	/-	/230	/141	/-			
	Wind reac	tions ba	sed on M	WFRS					
	E Brg W	/id = 5.5	Min Re	eq = 1.5	(Truss	s)			
	D Brg W	/id = -	Min Re	eq = -					
	Bearing E	is a rigid	d surface.						
	Members i	not liste	d have for	ces less	than 3	375#			
	Maximum	Bot Ch	ord Forc	es Per	Ply (lbs	s)			
	Chords T	ens Cor	np.		- `	•			
	E-D	110 -	380						

# Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# Hangers / Ties

(J) Hanger Support Required, by others

# Wind

Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

# Maximum Web Forces Per Ply (lbs) Webs Tens.Comp.

399 - 116



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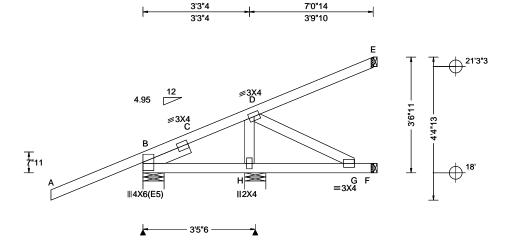
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SEQN: 47798 / HIP\_ Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T43 / FROM: Qty: 1 DrwNo: 205.24.1159.12495 Logan Jack Truss Label: J18HJ NW / DF 07/23/2024



3'2"10

6'5"14

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria					
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#					
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): -0.016 C 999 240					
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): -0.032 C 999 180					
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.008 C					
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.016 C					
NCBCLL: 0.00	Mean Height: 19.52 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0					
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.337					
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.083					
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: No	Max Web CSI: 0.171					
	Loc. from endwall: NA	FT/RT:20(0)/10(0)						
	GCpi: 0.18	Plate Type(s):						
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18					
Lumber								

2'9"15

3'3"4

3'3"4

▲ M	laxim	um Rea	ctions (II	os)			
	G	avity		No	on-Grav	vity .	
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/RL	
В	255	/-	/-	/-	/123	/-	
Н	249	/-	/-	/-	/1	/-	
F	12	/-	/-	/11	/-	/-	
E	154	/-	/-	/-	/71	/-	
Wir	nd read	ctions b	ased on N	/WFRS			
В	Brg V	Vid = 7.	8 Min F	Req = 1.5	(Trus	s)	
Н	Brg V	Vid = 7.	8 Min F	Req = 1.5	(Truss	s)	
F	Brg V	Vid = 1.	5 Min F	Req = -			
E			5 Min F				
Bea	arings	В&На	re a rigid	surface.			
Mei	Members not listed have forces less than 375#						

# Lumber

Top chord: 2x4 SP M-31; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

Lt Slider: 2x4 SP #3; block length = 1.500'

# Loading

Hipjack supports 5-0-0 setback jacks with no webs.

Wind loads and reactions based on MWFRS. Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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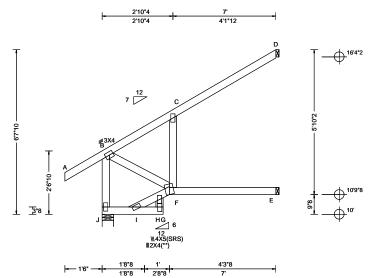
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SEQN: 47609 / **EJAC** Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T76 / FROM: DrwNo: 205.24.1159.11116 Qty: 1 Logan Jack Truss Label: J19 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria		
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#		
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.131 C 639 240		
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.264 C 317 180		
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.169 C		
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.340 C		
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0		
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.355		
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.670		
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: Yes	Max Web CSI: 0.138		
' -	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)			
	GCpi: 0.18	Plate Type(s):			
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18		
Lumber			•		

▲ M	axim	um Rea	ctions (II	os)			
	G	avity	•	N	on-Grav	∕ity	
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
J	404	/-	/-	/248	/-	/169	
Е	112	/- /-	/-	/85	/24	/-	
D	190	/-	/-	/145	/117	/-	
Win	d read	ctions b	ased on N	/WFRS			
J	Brg V	Vid = 5.	5 Min F	Req = 1.5	(Trus	s)	
Е	Brg V	Vid = 1.	5 Min F	Req = -	•	•	
D	Brg V	Vid = 1.	5 Min F	Req = -			
Bearing J is a rigid surface.							
	Members not listed have forces less than 375#						

# Lumbe

Top chord: 2x4 SP M-31; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# **Plating Notes**

nailed at Bot chord.

All plates are 2X4 except as noted.

(\*\*) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe

Laterally brace top chord below filler and bottom chord above filler at 24" o.c.,including a lateral brace at chord ends (If no rigid diaphragm exists at that point)



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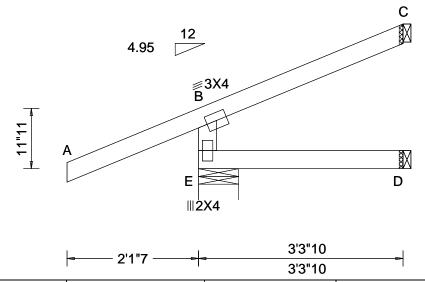
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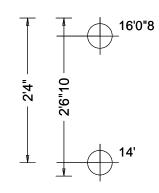
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SEQN: 47619 / HIP\_ Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T68 / FROM: Qty: 1 DrwNo: 205.24.1159.12653 Logan Jack Truss Label: J19HJ NW / DF 07/23/2024





_/defl	I /#	
	⊔π	
999	240	
999	180	
-	-	
-	-	
VIEW Ver: 23.02.01A.1204.18		
	999	

▲ N	laxim	um Rea	ctions (II	os)		
	G	ravity		No	on-Gra	vity
Loc	: R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E	174	/-	/-	/-	/46	/-
	16		/-	/8		/-
С	10	/-	/-	/-	/8	/-
Wir	nd read	ctions b	ased on N	/WFRS		
E	Brg V	Vid = 7.	8 Min F	Req = 1.5	(Trus	s)
			5 Min F			
С	Brg V	Vid = 1.	5 Min F	Req = -		
Bea	aring E	is a rig	id surface	<b>)</b> .		
Me	mbers	not liste	ed have fo	orces les	s than	375#
4						

# Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# Loading

Hipjack supports 2-4-0 setback jacks with no webs.

# Wind

Wind loads and reactions based on MWFRS. Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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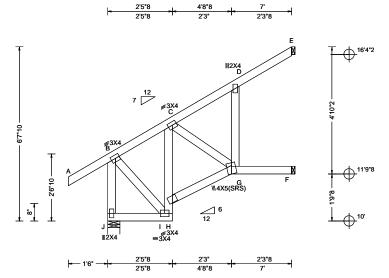
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For more information see these web sites: Alpine: alpineitw.com: TPI: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.org



SEQN: 47292 / **EJAC** Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T161 FROM: Qty: 1 DrwNo: 205.24.1159.14172 Logan Jack Truss Label: J20 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	۸N
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.074 G 999 240 VERT(CL): 0.150 G 560 180 HORZ(LL): 0.078 D HORZ(TL): 0.158 D Creep Factor: 2.0 Max TC CSI: 0.422 Max BC CSI: 0.396 Max Web CSI: 0.514  VIEW Ver: 23.02.01A.1204.18	Loc J F E Wil J F E Bea Mea We

<b>▲</b> M	axim	um Rea	ctions (II	bs)				
	G	ravity		No	n-Gra	vity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	_	
J	406	/-	/-	/250	/-	/169		
			/0	/96	/45			
Е	173	/-	/-	/137	/95	/-		
Win	d read	ctions ba	ased on N	<b>IWFRS</b>				
J					(Trus	s)		
F	Brg V	Vid = 1.5	5 Min F	Req = -				
E	Brg V	Vid = 1.5	5 Min F	Req = -				
Bearing J is a rigid surface.								
Members not listed have forces less than 375#								
Maximum Web Forces Per Ply (lbs)								
Wel	os 7	Γens.Co	mp.					
	Loc J F E Win J F E Bea Mer Max	Loc R+  J 406 F 110 E 173 Wind read J Brg V F Brg V E Brg V Bearing J Members Maximum	Gravity Loc R+ /R-  J 406 /- F 110 /- E 173 /- Wind reactions ba J Brg Wid = 5.9 F Brg Wid = 1.9 E Brg Wid = 1.9 Bearing J is a rigid Members not liste Maximum Web F	Gravity   Loc   R+   / R-   / Rh     J   406   /-   /-   F   110   /-   /0   E   173   /-   /-   Wind reactions based on M   J   Brg Wid = 5.5   Min   F   Brg Wid = 1.5   Min   E   Brg Wid = 1.5   Min   Bearing J is a rigid surface   Members not listed have for   Maximum   Web   Forces   Potential   Forces   Potential   Forces   For	Loc   R+   /R-   /Rh   /Rw     J   406   /-   /-   /250   F   110   /-   /0   /96   E   173   /-   /137   Wind reactions based on MWFRS   J   Brg Wid = 5.5   Min Req = -1.5   F   Brg Wid = 1.5   Min Req = -1.5   Brg Wid = 1.5   Min Req = -1.5   Bearing J is a rigid surface.   Members not listed have forces less   Maximum   Web Forces   Per   Ply (lb	Non-Gra	Gravity Loc R+ /R- /Rh /Rw /U /RL  J 406 /- /- /250 /- /169 F 110 /- /0 /96 /45 /0 E 173 /- /- /137 /95 /- Wind reactions based on MWFRS J Brg Wid = 5.5 Min Req = - E Brg Wid = 1.5 Min Req = - Bearing J is a rigid surface.  Members not listed have forces less than 375#  Maximum Web Forces Per Ply (lbs)	

144 - 389

# Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# Wind

Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe

nailed at Bot chord.



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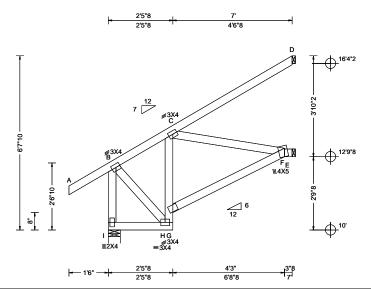
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For more information see these web sites: Alpine: alpineitw.com: TPI: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.org



SEQN: 47294 / **EJAC** Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T36 / FROM: Qty: 1 DrwNo: 205.24.1159.11460 Logan Jack Truss Label: J21 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.009 C 999 240	Loc R+ /R- /Rh /Rw /U /RL
DCLL. 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.021 F 999 180	I 407 /- /- /251 /- /169
10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.012 C	E 175 /- /- /153 /67 /-
IDec I d: 40 00	EXP: C Kzt: NA		HORZ(TL): 0.024 C	D 125 /- /- /83 /71 /-
NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25	Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft ft	Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes	Creep Factor: 2.0  Max TC CSI: 0.311  Max BC CSI: 0.343  Max Web CSI: 0.542	Wind reactions based on MWFRS  I Brg Wid = 5.5 Min Req = 1.5 (Truss)  E Brg Wid = 1.5 Min Req = -  D Brg Wid = 1.5 Min Req = -  Bearing I is a rigid surface.
	Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	FT/RT:20(0)/10(0) Plate Type(s): WAVE	VIEW Ver: 23.02.01A.1204.18	Members not listed have forces less than 375#  Maximum Web Forces Per Ply (lbs)  Webs Tens.Comp.
Lumber				B - I 143 - 390

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# Wind

Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe

nailed at Bot chord.



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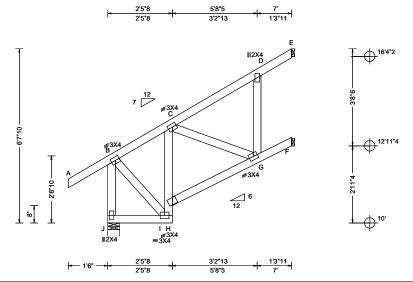
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 47800 / **EJAC** Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T61 / FROM: Qty: 2 DrwNo: 205.24.1159.11758 Logan Jack Truss Label: J22 NW / DF 07/23/2024



Loading Criteria (psf) W	Vind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (Ib	s)
TCLL: 20.00 W	Vind Std: ASCE 7-22	Pa: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity	Non-Gravity
TCDL: 10.00 S	peed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.030 G 999 240	Loc R+ /R- /Rh	/Rw /U /RL
DCLL. 0.00		Lu: NA Cs: NA	VERT(CL): 0.061 G 999 180	J 407 /- /-	/251 /- /169
	tisk Category: II	Snow Duration: NA	HORZ(LL): 0.031 D	F 120 /- /-	/98 /62 /-
Dec  d: 40.00	XP: C Kzt: NA		HORZ(TL): 0.064 D	E 168 /- /-	/139 /76 /-
INCECT 1 40 00	lean Height: 15.00 ft CDL: 5.0 psf	Building Code:	Creep Factor: 2.0	Wind reactions based on M	-
0-46.4	CDL: 5.0 psi	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.155		eq = 1.5 (Truss)
	IWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.307	F Brg Wid = 1.5 Min R E Brg Wid = 1.5 Min R	
I		Rep Fac: Yes	Max Web CSI: 0.519	Bearing J is a rigid surface.	eq = -
Lo	oc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		Members not listed have for	rces less than 375#
	GCpi: 0.18	Plate Type(s):		Maximum Web Forces Pe	
W	Vind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	Webs Tens.Comp.	, ( ·· - /
Lumber				B - J 143 - 390	

Top chord: 2x4 SP M-31; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# Wind

Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

# **Additional Notes**

Shim all supports to solid bearing.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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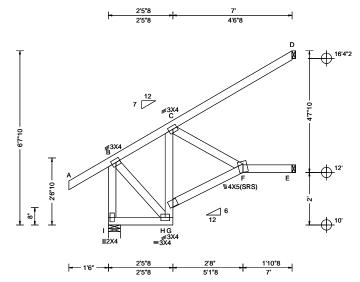
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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A 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.

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SEQN: 47298 / **EJAC** Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T160 FROM: Qty: 1 DrwNo: 205.24.1159.12966 Logan Jack Truss Label: J23 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	▲ Maxim
	Wind Std: ASCE 7-22 Speed: 130 mph	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.090 F 934 240	Loc R+
BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00	Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Lu: NA Cs: NA Snow Duration: NA	VERT(CL): 0.181 F 463 180 HORZ(LL): 0.068 C HORZ(TL): 0.138 C	I 406 E 156 D 141
NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25	Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Creep Factor: 2.0 Max TC CSI: 0.385 Max BC CSI: 0.467 Max Web CSI: 0.481	Wind real I Brg VE Brg VE Brg VE Bearing I Members
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	Webs

mum Reactions (lbs) Gravity Non-Gravity /R /Rh /Rw /U /RL /-/250 /169 /-/-/135 /60 /-/-/98 actions based on MWFRS Min Req = 1.5 (Truss) Wid = 5.5Min Req = -Wid = 1.5Wid = 1.5Min Req = -I is a rigid surface. rs not listed have forces less than 375# ım Web Forces Per Ply (lbs) Tens.Comp.

143 - 389

B - I

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# Wind

Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe

nailed at Bot chord.

# Manual Indiana Indiana COA #0 278 ONAL

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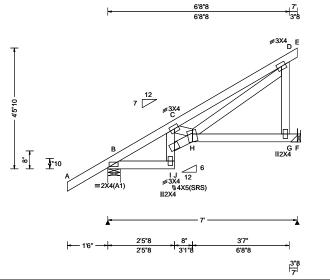
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 105855 **EJAC** Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T28 FROM: DrwNo: 205.24.1509.29610 Qty: 1 Logan Jack Truss Label: J24 AK / WHK 07/23/2024



Loading Criteria (psf) Wind Criteria	Snow Criteria (Pg,Pf in PS	F) Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "  Wind Std: ASCE 7 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dis C&C Dist a: 3.00 ft Loc. from endwall: n GCpi: 0.18 Wind Duration: 1.60	Pf: NA Ce: N/ Lu: NA Cs: NA Snow Duration: NA  t  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes	

▲ Maximum Reactions (lbs)						
	Gravity Non-Gravity					
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	413	/-	/-	/280	/33	/169
F	272	/-	/-	/199	/87	/-
Win	d read	ctions b	ased on I	<b>MWFRS</b>		
В	Brg V	Vid = 5	.5 Min f	Req = 1.5	(Trus	s)
F Brg Wid = - Min Req = -						
Bearing B is a rigid surface.						
Men	nbers	not list	ed have fo	orces less	s than	375#
Max	Maximum Top Chord Forces Per Ply (lbs)					
Cho	rds <sup>-</sup>	Tens.C	omp.		- 1	•
C - I	D	301	- 575			

# Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# Hangers / Ties

(J) Hanger Support Required, by others

# Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

# Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp.

I-H 573 - 521

3'5"10

# Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp.

H-D 553 - 429



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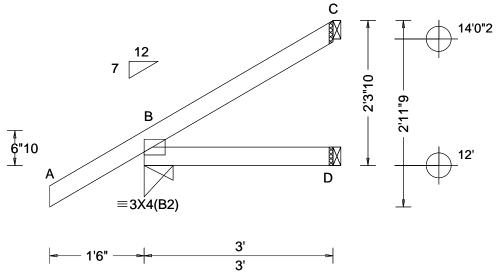
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SEQN: 46293 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T88 / FROM: Qty: 6 DrwNo: 205.24.1159.14017 Logan Jack Truss Label: J25 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C HORZ(TL): 0.001 C Creep Factor: 2.0 Max TC CSI: 0.259 Max BC CSI: 0.080 Max Web CSI: 0.000
Lumber	Time Delation 1100	WAVE	11211 1011 2010210 17 11 20 11 10
Luilibei			

	G	avity		No	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	258	/-	/-	/185	/31	/86
D	55	/-	/-	/31	/-	/-
С	68	/-	/-	/41	/45	/-
Win	d read	ctions b	ased on N	/WFRS		
B Brg Wid = 5.5 Min Req = 1.5 (Truss)						
D	Brg V	Vid = 1.	5 Min F	Req = -		-
С	Brg V	Vid = 1.	5 Min F	?eq = -		
Bearing B is a rigid surface.						
Mer	nbers	not liste	ed have fo	orces les	s than	375#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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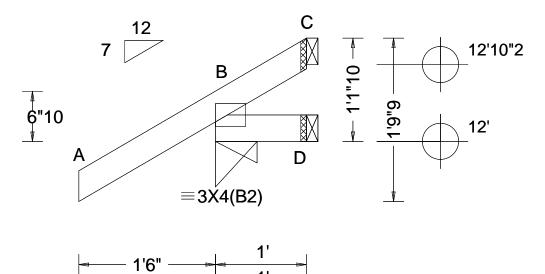
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SEQN: 33585 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T3 / FROM: Qty: 8 DrwNo: 205.24.1159.14276 Logan Jack Truss Label: J26 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: Any GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C HORZ(TL): 0.001 C Creep Factor: 2.0 Max TC CSI: 0.259 Max BC CSI: 0.033 Max Web CSI: 0.000	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	
Lumber				_

M IVIAXII		actions (II	•	_	
	Gravity		Non-Gravity		
Loc R+	· /R-	/ Rh	/ Rw	/ U	/ RL
B 235	/-	/-	/185	/52	/44
D 12	/-5	/-	/12	/5	/-
C -	/-45	/-	/31	/46	/-
Wind re	actions b	ased on N	/WFRS		
B Brg Wid = 5.5 Min Req = 1.5 (Truss)					
D Brg	Wid = 1	.5 Min F	Reg = -		-
		.5 Min F			
Bearing	B is a rig	gid surface	e		
Membe	s not list	ed have fo	orces les	s than	375#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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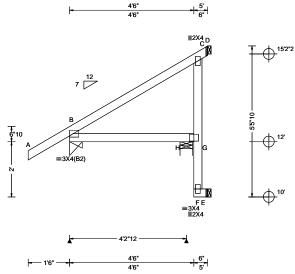
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SEQN: 47307 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T66 / FROM: Qty: 1 DrwNo: 205.24.1159.14314 Logan Jack Truss Label: J27 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.004 C 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.008 C 999 180
10.00 IU.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.005 C
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.008 C
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.344
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.171
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: Yes	Max Web CSI: 0.183
-	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18

Ī	▲ M	axim	um Rea	ctions (II	bs)			
		G	avity		Non-Gravity			
	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
0	В	299	/-	/-	/202	/26	/127	
	Н	231	/-	/-	/157	/24	/-	
	Е	63	/-	/-	/38	/43	/-	
	D	-	/-65	/-	/1	/48	/-	
	Wind reactions based on MWFRS							
	В	Brg V	Vid = 5.	5 Min F	Req = 1.5	(Trus	s)	
	Н	Brg V	Vid = 5.	5 Min F	Req = 1.5	ī (Trus	s)	
	E	Brg V	Vid = 1.	5 Min F	Req = -	-	•	
	D	Brg V	Vid = 1.	5 Min F	Req = -			
_	Bea	rings	В&На	re a rigid	surface.			
	Members not listed have forces less than 375#							

# Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

# Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

# **Additional Notes**

Shim all supports to solid bearing.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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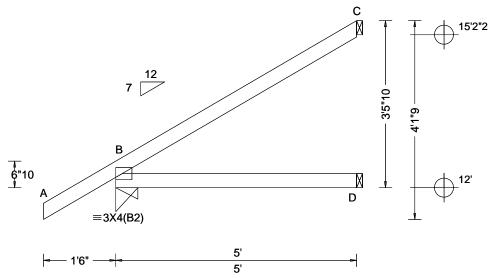
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SEQN: 46404 / **EJAC** Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T94 / FROM: Qty: 5 DrwNo: 205.24.1159.12433 Logan Jack Truss Label: J28 NW / DF 07/23/2024



				_
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	4
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.003 C HORZ(TL): 0.006 B Creep Factor: 2.0 Max TC CSI: 0.430 Max BC CSI: 0.263 Max Web CSI: 0.000  VIEW Ver: 23.02.01A.1204.18	
Lumber				

### ▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U В 329 /227 /127 D 94 /-/51 /-136 /88 Wind reactions based on MWFRS Brg Wid = 5.5 Min Req = 1.5 (Truss) Brg Wid = 1.5 Min Req = -Brg Wid = 1.5 Min Req = -Bearing B is a rigid surface. Members not listed have forces less than 375#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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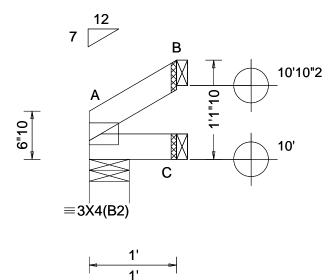
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SEQN: 46459 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T15 / FROM: Qty: 1 DrwNo: 205.24.1159.12698 Logan Jack Truss Label: J29 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 B
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.000 B
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.024
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.008
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: Yes	Max Web CSI: 0.000
	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18
Lumber			

▲ Max	kimu	m React	ions (lbs	)		
	Gr	avity		No	n-Grav	ity
Loc	R+	/ R-	/ Rh	/Rw	/ U	/ RL
	5		/-	/26	/-	/19
C 1	8	/-	/-	/10	/-	/-
B 2	9	/-	/-	/20	/19	/-
Wind	react	ions bas	ed on MV	/FRS		
A E	rg W	id = 5.5	Min Re	q = 1.5	(Truss	)
C E	rg W	id = 1.5	Min Re	q = -	•	
			Min Re			
Beari	ng Ai	s a rigid	surface.	-		
Memb	ers r	ot listed	have force	es less	than 3	75#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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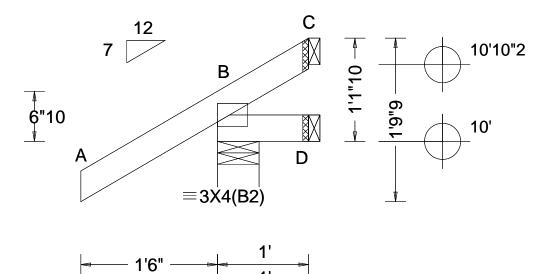
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SEQN: 46461 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T75 / FROM: Qty: 1 DrwNo: 205.24.1159.10724 Logan Jack Truss Label: J30 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.000 C
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.000 C
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.024
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.008
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: Yes	Max Web CSI: 0.000
	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18
Lumber			

	G	avity		No	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	45	/-	/-	/26	/-	/19
D	18	/-	/-	/10	/-	/-
С	29	/-	/-	/20	/19	/-
Win	d read	ctions b	ased on N	/WFRS		
В	Brg V	Vid = 5.	5 Min F	Req = 1.5	(Trus	s)
D	Brg V	Vid = 1.	5 Min F	Req = -	•	•
С	Brg V	Vid = 1.	5 Min F	Req = -		
Bea	ring B	is a rig	id surface	e		
Mer	nbers	not liste	ed have fo	orces les	s than	375#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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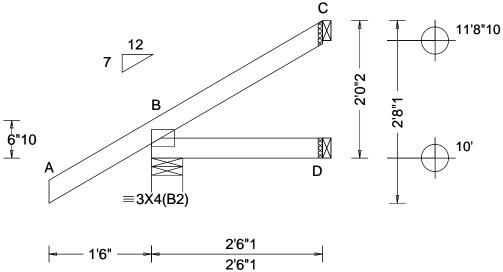
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 45589 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T152 FROM: Qty: 2 DrwNo: 205.24.1159.12448 Logan Jack Truss Label: J31 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	1
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C HORZ(TL): 0.001 C Creep Factor: 2.0 Max TC CSI: 0.259 Max BC CSI: 0.052 Max Web CSI: 0.000	
Lumber	Willa Dalation. 1.00	WAVE	VIEW Ver. 23.02.01A.1204.10	J

		ann icea Gravity	ctions (II	•	on-Gra	vitv
Loc	R+		/ Rh	/ Rw		/ RL
В	243	/-	/-	/177	/33	/75
D	44	/-	/-	/26	/-	/-
С	48	/-	/-	/32	/36	/-
Win	d read	ctions b	ased on N	/WFRS		
В	Brg V	Vid = 5.	5 Min F	Reg = 1.5	(Trus	s)
D	Brg V	Vid = 1.	5 Min F	Reg = -	•	•
			5 Min F			
			id surface			
	•	•	ed have fo		s than	375#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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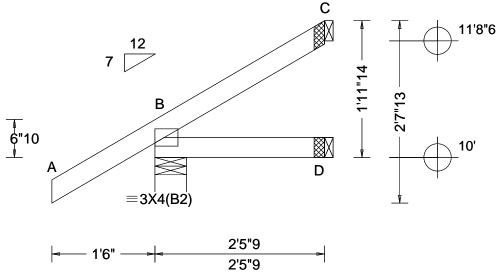
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SEQN: 45602 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T195 FROM: Qty: 4 DrwNo: 205.24.1159.12244 Logan Jack Truss Label: J32 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	<b>A</b>
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: Any GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C HORZ(TL): 0.001 C Creep Factor: 2.0 Max TC CSI: 0.259 Max BC CSI: 0.050 Max Web CSI: 0.000	L B D C W B D C B M
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	
Lumber	•	•	•	•

▲ M	aximı	um Rea	actions (II	os)		
	G	ravity		No	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	242	/-	/-	/176	/33	/75
D	44	/-	/-	/26	/-	/-
С	47	/-	/-	/32	/35	/-
Win	d read	ctions b	ased on N	<b>MWFRS</b>		
В	Brg V	Vid = 5	.5 Min F	Req = 1.5	(Trus	s)
D	Brg V	Vid = 1	.5 Min F	. = eq	•	•
С	Brg V	Vid = 1	.5 Min F	Req = -		
Bea	ring B	is a rig	gid surface	). ).		
	_		ed have fo		s than	375#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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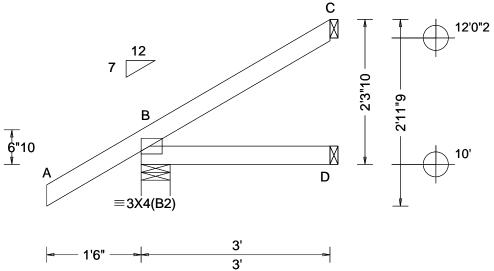
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For more information see these web sites: Alpine: alpineitw.com: TPI: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.org



SEQN: 45599 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T197 FROM: Qty: 4 DrwNo: 205.24.1159.13811 Logan Jack Truss Label: J33 NW / DF 07/23/2024



Loading Criteria (psf)   TCLL: 20.00   TCDL: 10.00   BCLL: 0.00   BCDL: 10.00   Des Ld: 40.00   NCBCLL: 10.00   Soffit: 2.00	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TDI Std: 2014	DefI/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C HORZ(TL): 0.001 C Creep Factor: 2.0 Max TC CSI: 0.225
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.001 C
	BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft	TPI Std: 2014 Rep Fac: Yes	Max TC CSI: 0.225 Max BC CSI: 0.080 Max Web CSI: 0.000
	Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	FT/RT:20(0)/10(0) Plate Type(s): WAVE	VIEW Ver: 23.02.01A.1204.18

▲ M	axim	um Rea	ctions (II	os)		
	G	avity		No	on-Gra	vity
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	258	/-	/-	/185	/31	/86
D	54	/-	/-	/31	/-	/-
С	68	/-	/-	/41	/45	/-
Win	d read	ctions b	ased on N	/WFRS		
В	Brg V	Vid = 5.	5 Min F	Req = 1.5	(Trus	s)
D	Brg V	Vid = 1.	5 Min F	Req = -	•	•
			5 Min F			
Bea	ring B	is a rig	id surface	e		
	_	_	ed have fo		s than	375#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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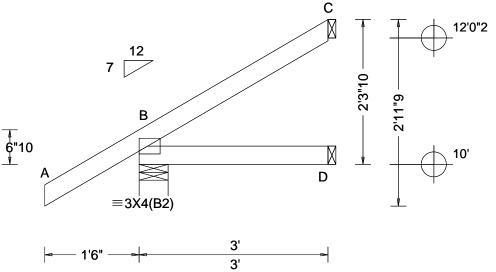
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SEQN: 46169 / **EJAC** Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T91 / FROM: Qty: 7 DrwNo: 205.24.1159.13123 Logan Jack Truss Label: J34 NW / DF 07/23/2024



GCpi: 0.18 Plate Type(s):	## ACT CSI: 0.000  ## CT CSI: 0.001  ## CT CSI: 0.001  ## CT CSI: 0.0225  ## CSI: 0.000  ## CSI: 0.000	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft	TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00
WAVE   VIEW Ve	Web CSI: 0.000	Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: not in 4.50 ft GCpi: 0.18	
147,472	W Ver: 23.02.01A.1204.18	WAVE	Wind Duration: 1.60	

▲ Maximum Reactions (lbs)									
	Gravity				on-Gra	vity			
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL			
В	258	/-	/-	/185	/31	/86			
D	54	/-	/-	/31	/-	/-			
С	68	/-	/-	/41	/45	/-			
Win	d rea	ctions b	ased on N	/WFRS					
В	Brg V	Vid = 5.	5 Min F	Req = 1.5	(Trus	ss)			
D	Brg \	Vid = 1.	5 Min F	Req = -					
С	Brg \	Vid = 1.	5 Min F	Req = -					
Bea	Bearing B is a rigid surface.								
Mer	nbers	not list	ed have fo	orces less	than	375#			
1									

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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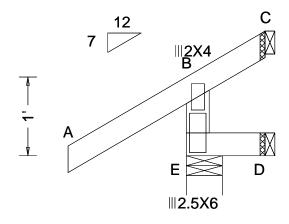
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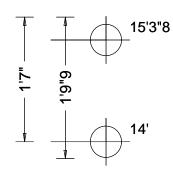
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 46729 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T83 / FROM: Qty: 4 DrwNo: 205.24.1159.11038 Logan Jack Truss Label: J35 NW / DF 07/23/2024







Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.000 B 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.000 B 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.000 B
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.000 B
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.260
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.010
Spacing: 24.0 "	C&C Dist a: 3.00 ft ft	Rep Fac: Yes	Max Web CSI: 0.139
-	Loc. from endwall: Any	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18

	▲ M	laximu	ım Rea	ctions (II	os)			
		G	ravity		No	on-Gra	vity	
0	Loc	R+	/ R-	/ Rh	/Rw	/ U	/ RL	_
0	Е	220	/-	/-	/198	/76	/-	
	_	20		/-	/10		•	
	С	-	/-45	/-	/53	/70	/44	
	Win	d read	ctions b	ased on N	/WFRS			
	Е	Brg V	Vid = 5.	5 Min F	Req = 1.5	(Trus	s)	
			Vid = 1.	5 Min F	Req = -			
	С	Brg V	Vid = 1.	5 Min F	Req = -			
	Bea	ring E	is a rig	id surface	€.			
	Mer	nbers	not liste	ed have fo	orces less	than	375#	
_	Max	cimun	n Web I	Forces Po	er Ply (lb	s)		
	Wel	bs 1	Tens.Co	mp.		-		

B - E 466 - 210

# Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### Wind

Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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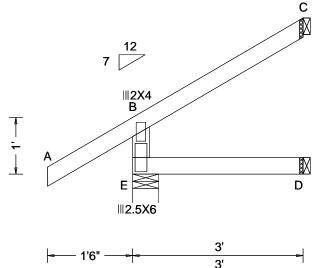
\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

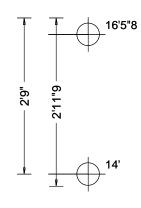
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SEQN: 46727 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T18 / FROM: Qty: 2 DrwNo: 205.24.1159.12715 Logan Jack Truss Label: J36 NW / DF 07/23/2024





L 1'6"L	3'	
- 10	3'	-

TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Snow Criteria (Pg,F Pg: NA Ct: NA Pf: NA Lu: NA Cs: NA Snow Duration: NA
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Mean Height: 15.44 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Building Code: FBC 8th Ed. 2023 Re TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):

Snow Criteria (Pg,P	of in PSF)	Defl/CSI Cri	iteria			
Pg: NA Ct: NA (	CAT: NA	PP Deflection	n in	loc L	/defl	L/#
Pf: NA	Ce: NA	VERT(LL):	0.00	ЭВ	999	240
Lu: NA Cs: NA		VERT(CL):	0.00	ЭВ	999	180
Snow Duration: NA		HORZ(LL):	0.00	ЭВ	-	-
		HORZ(TL):	0.00	ЭВ	-	-
Building Code:		Creep Facto	r: 2.0			
FBC 8th Ed. 2023 Re	es.	Max TC CSI	: 0	.254		
TPI Std: 2014		Max BC CSI	: 0	.098		
Rep Fac: Yes		Max Web C	SI: 0	.119		
FT/RT:20(0)/10(0)						
Plate Type(s):						
\\\\ \\\E		VIEW Ver: 2	3 02	01A ·	1204	18

		▲ M	laxim	um Rea	actions (I	bs)				
	L/#		(	avity		No	on-Gra	vity		
)	240	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/R		
)	180	Е	252	/-	/-	/213	/51	/-		
	-	D	60	/-	/-	/30	/-	/-		
	_	С	69	/-	/-	/57	/18	/61		
		Wir	Wind reactions based on MWFRS							
		Е	Brg V	Vid = 5	.5 Min I	Req = 1.5	(Trus	s)		
		D	Brg \	Vid = 1	.5 Min I	Req = -	•	•		
					.5 Min I					
		Bea	aring E	is a rig	gid surface	е.				
		Mei	mbers	not list	ed have f	orces less	s than	375#		
					Forces P					
. '	18	We		Tens.Co		, , ,	•			

/RL /-/-/61

B - E 398 - 222

# Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### Wind

Wind loads based on MWFRS with additional C&C member design.

Left end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord.

Provide (2)16d common nails(0.162"x3.5"), toe

nailed at Bot chord.



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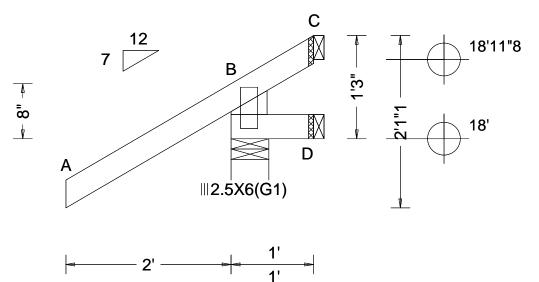
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SEQN: 45575 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T39 / FROM: Qty: 4 DrwNo: 205.24.1159.12276 Logan Jack Truss Label: J37 NW / DF 07/23/2024



Loading Criteria (psf)   TCLL: 20.00   TCDL: 10.00   BCLL: 0.00   BCDL: 10.00   Des Ld: 40.00   NCRCLL: 10.00	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 18.38 ft	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code:	DefI/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.001 C HORZ(TL): 0.001 C Creep Factor: 2.0
NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: Any GCpi: 0.18	Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Creep Factor: 2.0 Max TC CSI: 0.491 Max BC CSI: 0.134 Max Web CSI: 0.000
Lumber	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18

	▲ Maximum Reactions (lbs)									
		G	ravity	-	No	on-Gra	vity			
	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL			
	В	313	/-	/-	/256	/87	/60			
	D	-	/-38	/-	/23	/31	/-			
	С	-	/-56	/-	/39	/56	/-			
	Wir	nd read	tions ba	ased on M	<b>MWFRS</b>					
	В	Brg V	/id = 5.5	5 Min F	Req = 1.5	(Trus	ss)			
	D	Brg V	/id = 1.5	5 Min F	Req = -					
	С	Brg V	/id = 1.5	5 Min F	Req = -					
	Bea	ring B	is a rigi	d surface	Э.					
	Mei	mbers	not liste	d have fo	orces less	than	375#			
_										

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Lt Stub Wedge: 2x4 SP #3;

### Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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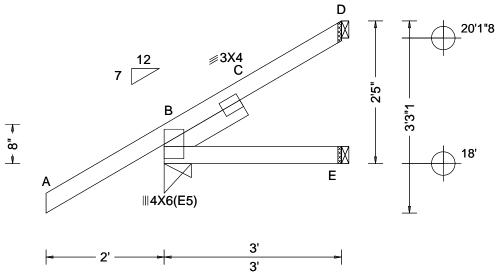
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SEQN: 46519 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T71 / FROM: Qty: 2 DrwNo: 205.24.1159.13217 Logan Jack Truss Label: J38 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 18.96 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.004 C HORZ(TL): 0.005 C Creep Factor: 2.0 Max TC CSI: 0.474 Max BC CSI: 0.081 Max Web CSI: 0.066  VIEW Ver: 23.02.01A.1204.18	
Lumber	Willa Dalation. 1.00	WAVE	VIEW Ver. 23.02.01A.1204.18	]

	Gr	avity	tions (lbs	•	n-Gra	vity
Loc	R+	/ R-	/ Rh	/Rw	/ U	/ RL
в з	05	/-	/-	/230	/43	/70
E 5	5	/-	/-	/28	/-	/-
D 5	2	/-	/-	/33	/30	/-
Wind	react	ions bas	ed on MV	VFRS		
ВЕ	3rg W	id = 5.5	Min Re	q = 1.5	(Trus	s)
E E	3rg W	id = 1.5	Min Re	q = -	•	•
D E	3rg W	id = 1.5	Min Re	g = -		
Bearing B is a rigid surface.						
Mem	bers r	ot listed	have force	es less	than :	375#

Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; Lt Slider: 2x4 SP #3; block length = 1.500'

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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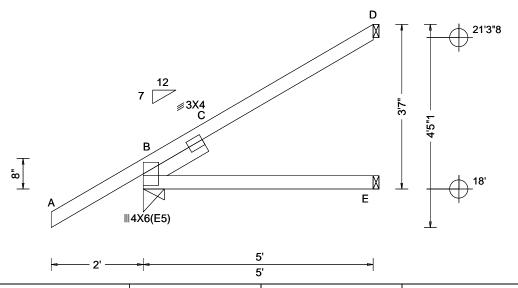
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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 continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR 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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SEQN: 46521 / **EJAC** Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T69 / FROM: Qty: 2 DrwNo: 205.24.1159.10990 Logan Jack Truss Label: J39 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)	
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gravity	
TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Speed: 130 mph Enclosure: Closed Risk Category: II	Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	VERT(LL): NA VERT(CL): NA HORZ(LL): 0.016 C	B 371 /- /- /267 /25 /10 E 93 /- /- /50 /- /-	
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	EXP: C Kzt: NA Mean Height: 19.54 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCbi: 0.18	Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.031 C Creep Factor: 2.0  Max TC CSI: 0.509  Max BC CSI: 0.259  Max Web CSI: 0.282	D 127 /- /- /83 /54 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#	#
Lumber	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp.	

Top chord: 2x4 SP #2;

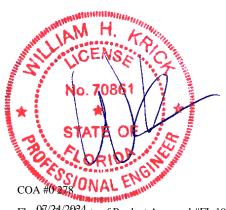
Bot chord: 2x4 SP #2; Lt Slider: 2x4 SP #3; block length = 1.500'

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.

### B - C 540 - 705



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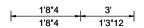
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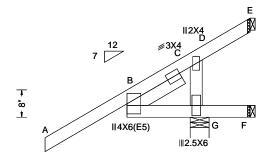
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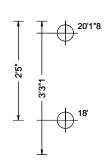
For more information see these web sites: Alpine: alpineitw.com: TPI: binst.org: SBCA: sbcacomponents.com: ICC: iccsafe.org: AWC: awc.org



SEQN: 46527 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T57 / FROM: Qty: 1 DrwNo: 205.24.1159.14157 Logan Jack Truss Label: J40 NW / DF 07/23/2024







	1'6"8 ——	
l. a	1'8"4	1'3"12
2 —	1'8"4	3'

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Max
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 18.96 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.071 B 309 240 VERT(CL): 0.137 B 160 180 HORZ(LL): -0.055 E HORZ(TL): 0.107 E Creep Factor: 2.0 Max TC CSI: 0.547 Max BC CSI: 0.567 Max Web CSI: 0.196  VIEW Ver: 23.02.01A.1204.18	Loc R G 78 F - E - Wind r G Br F Br Bearin Membe Maxim Webs
Lumber				D-G

▲ M	laxim	um Rea	ctions (II	os)			
	G	Gravity		No	on-Grav	∕ity	
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
G	785	/-	/-	/657	/175	/109	
F	-	/-237		/82	/209	/-	
E	-	/-186	/-	/59	/154	/-	
Win	nd read	ctions ba	sed on N	/WFRS			
				Req = 1.5	(Truss	s)	
F	Brg V	Vid = 1.5	Min F	Req = -			
E	Brg V	Vid = 1.5	Min F	Req = -			
			d surface				
Members not listed have forces less than 375#							
Max	kimun	n Web F	orces P	er Ply (lb	s)		
We	bs <sup>-</sup>	Tens.Co	mp.		•		

400 - 354

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

Lt Slider: 2x4 SP #3; block length = 1.500'

Wind loads based on MWFRS with additional C&C member design.

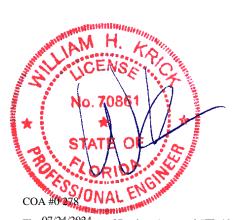
Left cantilever is exposed to wind

Wind loading based on both gable and hip roof types.

## **Additional Notes**

Negative reaction(s) of -237# MAX. from a non-wind load case requires uplift connection. See Maximum

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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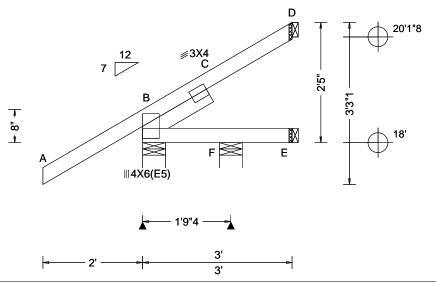
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SEQN: 46529 / JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T5 / FROM: Qty: 1 DrwNo: 205.24.1159.12960 Logan Jack Truss Label: J41 NW / DF 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	▲ Maximum Reactions (lbs)
Loading Criteria (psf)   TCLL: 20.00   TCDL: 10.00   BCLL: 0.00   BCDL: 10.00   Des Ld: 40.00   NCBCLL: 10.00   Soffit: 2.00   Load Duration: 1.25   Spacing: 24.0   "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 18.96 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: not in 4.50 ft GCbi: 0.18	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	DefI/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.003 C HORZ(TL): 0.005 C Creep Factor: 2.0 Max TC CSI: 0.474 Max BC CSI: 0.032 Max Web CSI: 0.048	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL  B 291 /- /- /217 /65 /109 F 70 /- /- /39 /- /- E 17 /- /- /9 /- /- D 55 /- /- /31 /48 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) F Brg Wid = 5.5 Min Req = 1.5 (Truss) E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = -
145 15 5 100		WAVE	VIEW Ver: 23.02.01A.1204.18	Bearings B & F are a rigid surface.  Members not listed have forces less than 375#
Lumbor				

### Lumber

Top chord: 2x4 SP #2;

Bot chord: 2x4 SP #2; Lt Slider: 2x4 SP #3; block length = 1.500'

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

### **Additional Notes**

Shim all supports to solid bearing.

Provide (2)16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2)16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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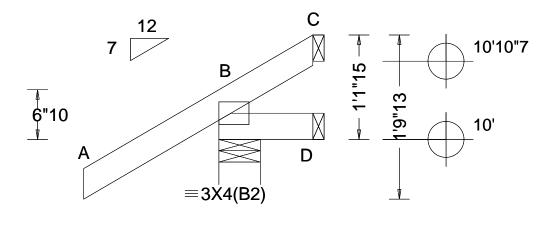
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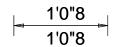
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 104717 **JACK** Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T173 FROM: DrwNo: 205.24.1509.34073 Qty: 2 Logan Jack Truss Label: J42 AK / WHK 07/23/2024





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Pg: NA Ct: NA CAT: NA	Defl/CSI Criteria	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	
Lumber				

B 233 /- /- /183 /51 /4 D 13 /-4 /- /12 /5 /-	▲ M	laxim	um Rea	ctions (II	os)		
B 233 /- /- /183 /51 /4 D 13 /-4 /- /12 /5 /- C - /-40 /- /30 /44 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface.		(	avity	-	No	on-Gra	vity
D 13 /-4 /- /12 /5 /- C - /-40 /- /30 /44 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface.	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C - /-40 /- /30 /44 /- Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface.				/-	/183	/51	/45
Wind reactions based on MWFRS B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface.	D	13	/-4	/-	/12	/5	/-
B Brg Wid = 5.5 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface.	С	-	/-40	/-	/30	/44	/-
D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface.	Wir	nd rea	ctions ba	ased on N	/WFRS		
C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface.	В	Brg V	Vid = 5.	5 Min F	Req = 1.5	(Trus	s)
C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface.	D	Brg \	Vid = 1.	5 Min F	. = eq	•	•
Members not listed have forces less than 375	Bea	ring E	is a rig	id surface	).		
	Mei	mbers	not liste	ed have fo	rces les	s than	375#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.



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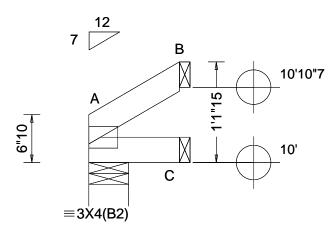
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SEQN: 104715 JACK Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T21 FROM: Qty: 1 DrwNo: 205.24.1509.41030 Logan Jack Truss Label: J43 AK / WHK 07/23/2024





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): -0.000 B HORZ(TL): 0.000 B Creep Factor: 2.0 Max TC CSI: 0.021 Max BC CSI: 0.009 Max Web CSI: 0.000  VIEW Ver: 23.02.01A.1204.18	L

	G	ravity	•	No	on-Gra	vity
Loc	R+	/ R-	/ Rh		/ U	/ RL
Α	46	/-	/-	/27	/- /- /19	/20
С	19	/-	/-	/10	/-	/-
В	30	/- /- /-	/-	/21	/19	/-
			ased on N	/WFRS		
Α	Brg V	Vid = 5.	5 Min F	Req = 1.5	(Trus	s)
С	Brg V	Vid = 1.	5 Min F	Req = -		-
В	Brg V	Vid = 1.	5 Min F	?eq = -		
Bearing A is a rigid surface.						
	_	_	ed have fo		s than	375#

### Lumbe

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.



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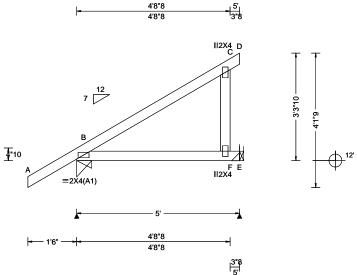
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For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

SEQN: 105847 **EJAC** Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T133 FROM: Qty: 2 DrwNo: 205.24.1509.43540 Logan Jack Truss Label: J44 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Ma
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.005 C HORZ(TL): 0.010 C Creep Factor: 2.0 Max TC CSI: 0.296 Max BC CSI: 0.232 Max Web CSI: 0.148  VIEW Ver: 23.02.01A.1204.18	Loc B 3 E 1 Wind B E E E Beari Mem

### aximum Reactions (lbs) Gravity Non-Gravity R+ /Rh /Rw /U /RL 335 /-/232 /127 183 /-/132 /59 /d reactions based on MWFRS Brg Wid = 5.5 Min Reg = 1.5 (Truss) Brg Wid = -Min Req = ring B is a rigid surface. nbers not listed have forces less than 375#

### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### Hangers / Ties

(J) Hanger Support Required, by others

### Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.



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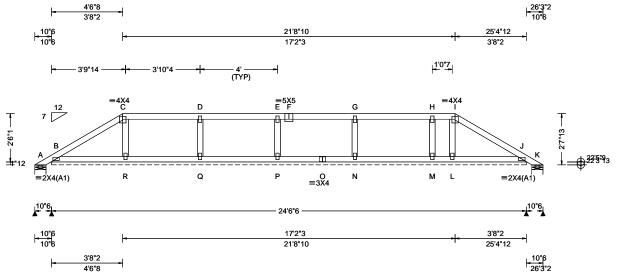
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SEQN: 34063 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T70 FROM: Qty: 1 DrwNo: 205.24.1509.46547 Logan Jack Truss Label: PB01 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), o	or *=PLF
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity	Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 B 999 240	Loc R+ /R- /Rh /F	Rw /U /RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 B 999 180	A - /-54 /- /6	1 /81 /72
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 J	B* 75 /- /- /4	8 /20 /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.002 J	K - /-54 /- /2	3 /46 /-
NCBCLL: 10.00	Mean Height: 19.98 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	Q /-107	
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.203	N /-101 Wind reactions based on MWFI	DC.
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.061	A Brg Wid = 6.9 Min Reg =	
Spacing: 24.0 "	C&C Dist a: 5.02 ft	Rep Fac: Yes	Max Web CSI: 0.071	B Brg Wid = 294 Min Reg =	` '
	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)		K Brg Wid = 6.9 Min Reg =	
	GCpi: 0.18	Plate Type(s):		Bearings A, B, & K are a rigid si	` '
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	Members not listed have forces	less than 375#
Lumber	-		·	-	

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Plating Notes**

All plates are 2X4 except as noted.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

## **Additional Notes**

Refer to DWG PB160220723 for piggyback details.



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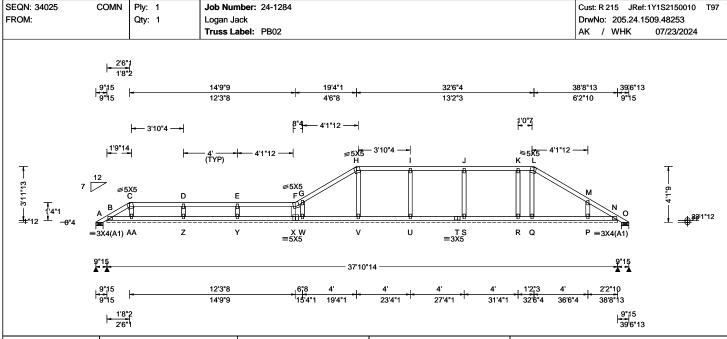
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Loading Criteria (psf) Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	▲ Maximum Reactions (Ib	s), or *=PLF
TCLL: 20.00 Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity	Non-Gravity
TCDL: 10.00 Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 I 999 240	Loc R+ /R- /Rh	/Rw /U /RL
BCLL: 0.00 Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 I 999 180	A 15 /- /-	/66 /54 /112
BCDL: 10.00 Risk Category: II	Snow Duration: NA	HORZ(LL): 0.002 M	B* 68 /- /-	/44 /18 /-
Des Ld: 40.00 EXP: C Kzt: NA		HORZ(TL): 0.003 M	O 29 /- /-	/23 /7 /-
Mean Height: 23.34 ft  NCBCLL: 10.00	Building Code:	Creep Factor: 2.0	AA /-105	
Soffit: 2.00 BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.206	Z /-225	
Load Duration: 1.25 MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.053	Y /-216 W /-201	
Spacing: 24.0 " C&C Dist a: 4.13 ft	Rep Fac: Yes	Max Web CSI: 0.085	U /-230	
Loc. from endwall: not in 13.00 f	FT/RT:20(0)/10(0)		S /-208	
GCpi: 0.18	Plate Type(s):		R /-170	
Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	P /-186	

### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Plating Notes**

All plates are 2X4 except as noted.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

## **Additional Notes**

Refer to DWG PB160220723 for piggyback details.

Wind reactions based on MWFRS

Brg Wid = 6.5 Min Req = 1.5 (Truss)

Brg Wid = 454 Min Req = -

Brg Wid = 6.5 Min Req = 1.5 (Truss)

Bearings A, B, & O are a rigid surface. Members not listed have forces less than 375#

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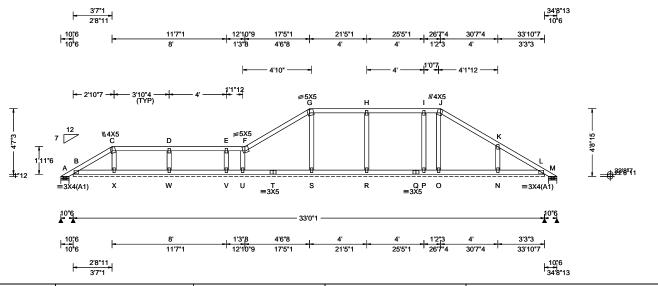
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 34030 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T104 FROM: DrwNo: 205.24.1509.49637 Qty: 1 Logan Jack Truss Label: PB03 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions	· "
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity	Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 H 999 240	Loc R+ /R- /Rh	/Rw/U/RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 H 999 180	A - /-13 /-	/77 /75 /130
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.002 K	B* 70 /- /-	/46 /16 /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.003 K	M 4 /- /-	/5 /2 /-
NCBCLL: 10.00	Mean Height: 23.92 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	X /-129	
0 1111	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.285	W /-240	
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.050	U /-205 R /-241	
Spacing: 24.0 "	C&C Dist a: 4.03 ft	Rep Fac: Yes	Max Web CSI: 0.112	P /-172	
_	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)		N /-193	
	GCpi: 0.18	Plate Type(s):		Wind reactions based or	n MWFRS
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18		in Req = 1.5 (Truss)
Lumber				•	in Req = -
Top chord: 2x4 SP #2	•			M Brg Wid = 6.9 Mi	in Req = 1.5 (Truss)

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Plating Notes**

All plates are 2X4 except as noted.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

## **Additional Notes**

Refer to DWG PB160220723 for piggyback details.



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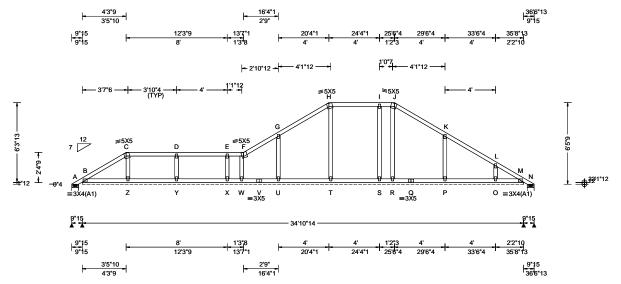
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Bearings A, B, & M are a rigid surface.

Members not listed have forces less than 375#

SEQN: 34037 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T90 FROM: DrwNo: 205.24.1509.51050 Qty: 1 Logan Jack Truss Label: PB04 AK / WHK 07/23/2024



Loading Criteria (psf) Wind Criteria	Snow Criteria	(Pg,Pf in PSF)	Defl/CSI Cri	teria		▲ M	laximu	ım Reac	tions (lbs			
TCLL: 20.00 Wind Std: AS	SCE 7-22 Pg: NA Ct:	NA CAT: NA	PP Deflectio	n in loc l	L/defl L/#		G	ravity		No	on-Grav	/ity
TCDL: 10.00 Speed: 130 m	ph Pf: NA	Ce: NA	VERT(LL):	0.002 I	999 240	Loc	: R+	/ R-	/ Rh	/Rw	/ U	/ RL
BCLL: 0.00 Enclosure: Clos	Lu. IVA C5.	: NA	VERT(CL):	0.003 I	999 180	Α	_	/-43	/-	/115	/127	/181
BCDL: 10.00 Risk Category:		n: NA	HORZ(LL):	0.003 K		В*	70	/-	/-	/47	/16	/-
Des Ld: 40.00 EXP: C Kzt: N			HORZ(TL):	0.005 K		N	20	/-	/-	/14	/2	/-
NCBCLL: 10.00 Mean Height: 2	24.88 π Building Code:	:	Creep Facto	r: 2.0		В		/-134				
0-#it 0.00	FBC 8th Ed. 20	023 Res.	Max TC CSI:	: 0.214		Z		/-139				
BCDL. 5.0 psi	TPI Std: 2014	4	Max BC CSI	: 0.064		Υ		/-241				
I III I I I I I I I I I I I I I I I I	lei Dist. II to Zii		Max Web CS			X		/-159				
Spacing: 24.0 " C&C Dist a: 4.1	1311		IVIAX VVED CC	31. 0.104		U		/-205				
Loc. from endw	vall: not in 13.00 ft FT/RT:20(0)/10	0(0)				s		/-211				
GCpi: (	0.18 Plate Type(s):					P		/-208				
Wind Duration:	1.60 WAVE		VIEW Ver: 2	3.02.01A.	1204.18	0		/-148				

### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Plating Notes**

All plates are 2X4 except as noted.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

## **Additional Notes**

Refer to DWG PB160220723 for piggyback details.

Wind reactions based on MWFRS

Brg Wid = 6.5 Min Req = 1.5 (Truss)

Brg Wid = 418 Min Req = -

Brg Wid = 6.5 Min Req = 1.5 (Truss)

Bearings A, B, & N are a rigid surface. Members not listed have forces less than 375#

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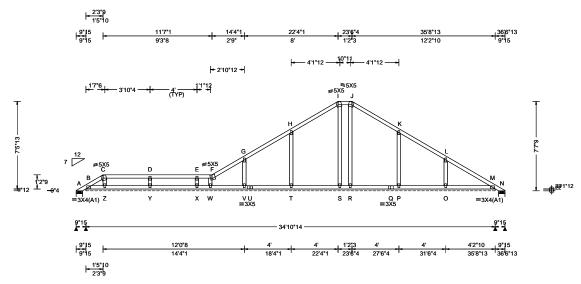
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SEQN: 34013 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T101 FROM: DrwNo: 205.24.1509.52470 Qty: 1 Logan Jack Truss Label: PB05 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs	••
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity	Non-Gravity
TCDL: 10.00	la	Pf: NA Ce: NA	VERT(LL): 0.001 H 999 240	Loc R+ /R- /Rh	/Rw /U /RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 H 999 180	A 18 /- /-	/119 /106 /215
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.004 K	B* 70 /- /-	/47 /12 /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.006 K	N - /-49 /-	/28 /47 /-
NCBCLL: 10.00	Mean Height: 24.93 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	Z /-123	
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.214	Y /-242	
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.064	X /-155	
Spacing: 24.0 "		Rep Fac: Yes	Max Web CSI: 0.140	V /-171 T /-212	
- F	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)		P /-212	
		Plate Type(s):		O /-171	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	M /-133	
Lumber				Wind reactions based on M	WFRS

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Plating Notes**

All plates are 2X4 except as noted.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

## **Additional Notes**

Refer to DWG PB160220723 for piggyback details.

Brg Wid = 6.5 Min Req = 1.5 (Truss)

Brg Wid = 418 Min Req = -В

Brg Wid = 6.5 Min Req = 1.5 (Truss) Bearings A, B, & N are a rigid surface.

Members not listed have forces less than 375#

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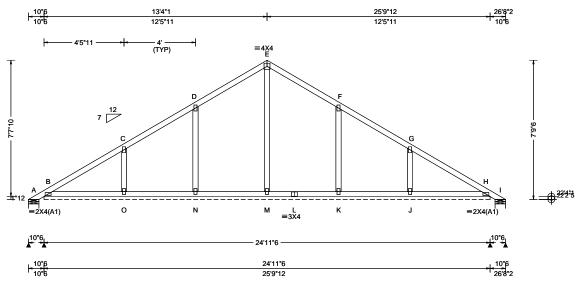
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 34009 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T100 FROM: DrwNo: 205.24.1509.54060 Qty: 1 Logan Jack Truss Label: PB06 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 22.49 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.74 ft	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes	Defl/CSI Criteria
	Loc. from endwall: not in 13.00 ft GCpi: 0.18	FT/RT:20(0)/10(0) Plate Type(s):	
	GCpi: 0.18 Wind Duration: 1.60	'' ''	VIEW Ver: 23.02.01A.1204.18
Lumbor	Willia Dalation. 1.00	WAVE	VIEW Vei. 25.02.01A.1204.16

	٨٨	/laxim	um Rea	ctions (II				
		G	avity		No	on-Grav	/ity	
0	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	_
0	Α	-	/-61	/-	/140	/168	/218	
	В*	75	/-	/-	/53	/12	/-	
	1	-	/-61	/-	/34	/59	/-	
	κ		/-100					
	Wii	nd read	ctions ba	ased on N	/WFRS			
	Α	Brg V	Vid = 6.	9 Min F	Req = 1.5	(Truss	s)	
	В	Brg V	Vid = 29	9 Min F	?eq = -	•	•	
	1	Brg V	Vid = 6.	9 Min F	Req = 1.5	(Truss	s)	
	Bea			l are a rig			•	
		_		ed have fo			375#	

## Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Plating Notes**

All plates are 2X4 except as noted.

### Wind

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

### **Additional Notes**

Refer to DWG PB160220723 for piggyback details.



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\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

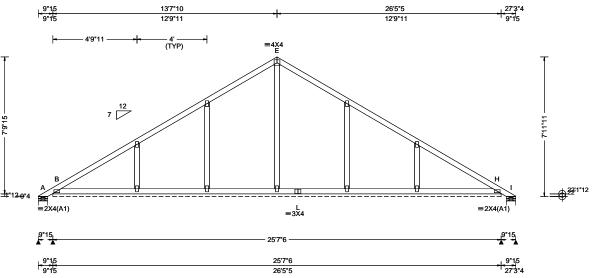
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SEQN: 33993 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T159 FROM: DrwNo: 205.24.1509.55440 Qty: 3 Logan Jack Truss Label: PB07 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 22.05 ft TCDL: 5.0 psf	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res.	Defl/CSI Criteria
Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.78 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	TPI Std: 2014 Rep Fac: Yes	Max BC CSI: 0.205 Max BC CSI: 0.089 Max Web CSI: 0.178 VIEW Ver: 23.02.01A.1204.18

▲ Ma	ximu	m Reac	ions (lbs	), or *=	PLF	
	Gr	avity		No	n-Grav	ity
Loc	R+	/ R-	/Rh	/Rw	/U	/ RL
Α -		/-80	/-	/151	/188	/223
B* 7	6	/-	/-	/54	/12	/-
1 -		/-80	/-	/41	/77	/-
В		/-105				
Wind	react	ions bas	ed on MV	/FRS		
A E	Brg W	id = 6.5	Min Re	q = 1.5	(Truss	)
ВЕ	Brg W	id = 307	Min Re	q = -	•	
I E	3rg W	id = 6.5	Min Re	q = 1.5	(Truss	)
Beari	ngs A	, B, & I a	are a rigid	surface	э.	
Memi	ers r	ot listed	have force	es less	than 3	75#

### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Plating Notes**

All plates are 2X4 except as noted.

### Loading

Gable end supports 8" max rake overhang. Top chord must not be cut or notched.

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

## **Additional Notes**

Refer to DWG PB160220723 for piggyback details.



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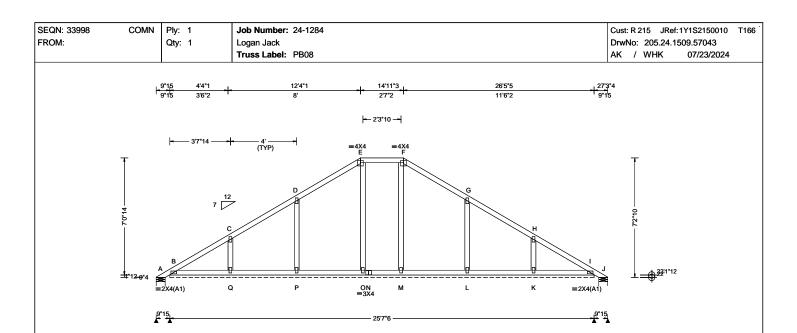
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	▲ Maximum
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 21.67 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.78 ft Loc. from endwall: not in 13.00 ft GCpi: 0.18	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	PP Deflection in loc L/defl L/# VERT(LL): 0.001 D 999 240 VERT(CL): 0.002 D 999 180 HORZ(LL): 0.003 G HORZ(TL): 0.004 G Creep Factor: 2.0 Max TC CSI: 0.198 Max BC CSI: 0.064 Max Web CSI: 0.147	
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	

### m Reactions (lbs), or \*=PLF avity Non-Gravity / R-/Rh /Rw /U /RL /-21 /119 /125 /202 /-/51 /10 /-21 /17 /24 tions based on MWFRS id = 6.5 Min Req = 1.5 (Truss) id = 307 Min Req = /id = 6.5 Min Req = 1.5 (Truss) B, & J are a rigid surface. not listed have forces less than 375#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Plating Notes**

All plates are 2X4 except as noted.

### **Purlins**

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

## **Additional Notes**

Refer to DWG PB160220723 for piggyback details.



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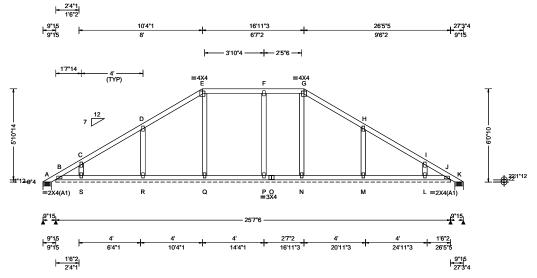
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SEQN: 33988 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T168 FROM: Qty: 1 DrwNo: 205.24.1509.58380 Logan Jack Truss Label: PB09 AK / WHK 07/23/2024



Loading Criteria (psf) Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 " Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 21.09 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.78 ft Loc. from endwall: not in 13.00 GCpi: 0.18 Wind Duration: 1.20	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes	PP Deflection in loc L/defl L/# VERT(LL): 0.002 F 999 240 VERT(CL): 0.003 F 999 180 HORZ(LL): 0.002 H HORZ(TL): 0.003 H Creep Factor: 2.0 Max TC CSI: 0.206 Max BC CSI: 0.060 Max Web CSI: 0.165  VIEW Ver: 23.02.01A.1204.18

D Loc R+ / R- / Rh / Rw / U / A 26 /- /- /98 /81 / B* 68 /- /- /47 /12 / K 26 /- /- /20 /4 / P /-103 Wind reactions based on MWFRS A Brg Wid = 6.5 Min Req = 1.5 (Truss) B Brg Wid = 307 Min Req = -	▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity										
B* 68	RL										
K 26	/168										
P /-103 Wind reactions based on MWFRS A Brg Wid = 6.5 Min Req = 1.5 (Truss) B Brg Wid = 307 Min Req = -	/-										
Wind reactions based on MWFRS A Brg Wid = 6.5 Min Req = 1.5 (Truss) B Brg Wid = 307 Min Req = -	/-										
A Brg Wid = 6.5 Min Req = 1.5 (Truss) B Brg Wid = 307 Min Req = -											
B Brg Wid = 307 Min Req = -											
K Brg Wid = 6.5 Min Req = 1.5 (Truss)											
Bearings A, B, & K are a rigid surface.											
Members not listed have forces less than 37	5#										

### Lumbe

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Plating Notes**

All plates are 2X4 except as noted.

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS.

Wind loading based on both gable and hip roof types.

### **Additional Notes**

Refer to DWG PB160220723 for piggyback details.



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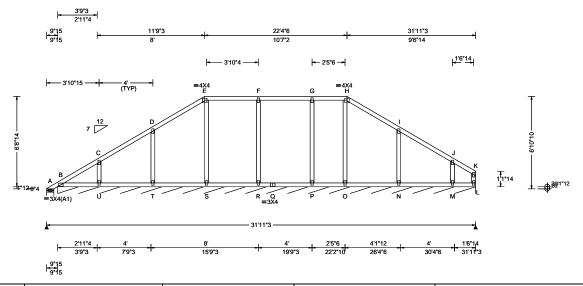
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SEQN: 33936 COMN Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T213 FROM: DrwNo: 205.24.1509.59753 Qty: 1 Logan Jack Truss Label: PB10 AK / WHK 07/23/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	), or *=PLF	
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity	Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.002 F 999 240	Loc R+ /R- /Rh	/Rw /U /RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.003 F 999 180	A 3 /-12 /-	/104 /102 /191
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.004 J	B* 85 /- /-	/47 /10 /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.006 I	U /-117	
NCBCLL: 10.00	Mean Height: 23.45 ft	Building Code:	Creep Factor: 2.0	T /-162	
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.211	R /-258	
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.115	P /-190	
Spacing: 24.0 "	C&C Dist a: 4.82 ft	Rep Fac: Yes	Max Web CSI: 0.239	N /-162 M /-130	
Opacg. 2	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		Wind reactions based on M\	NEDS
	GCpi: 0.18	Plate Type(s):		A Brg Wid = 6.5 Min Re	-
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	B Brg Wid = 373 Min Re	. ,
Laurahan				Rearings A & R are a rigid s	urface

### Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Plating Notes**

All plates are 2X4 except as noted.

### **Purlins**

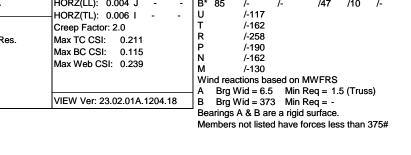
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

See Detail PB160220723 for piggyback details.



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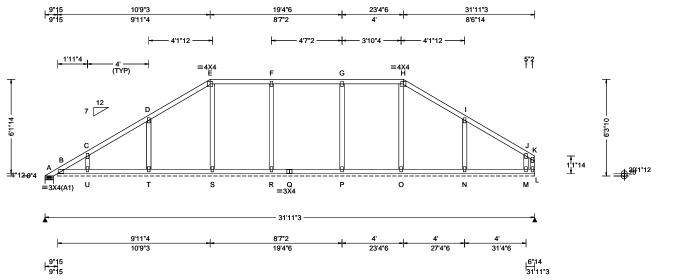
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

SEQN: 105869 SPEC Ply: 1 Job Number: 24-1284 Cust: R 215 JRef: 1Y1S2150010 T215 FROM: Qty: 1 DrwNo: 205.24.1510.13543 Logan Jack Truss Label: PB11 AK / WHK 07/23/2024



Loading Criteria (psf) Wind Criteria Snow Criteria (pg.Pf in PSF)			DefI/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF			
TCLL: 20.00 W TCDL: 10.00 S BCLL: 0.00 E BCDL: 10.00 R Des Ld: 40.00 M NCBCLL: 10.00 T Soffit: 2.00 B Load Duration: 1.25 M Spacing: 24.0 "	Vind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II RIXP: C Kzt: NA Mean Height: 15.00 ft CDL: 5.0 psf RODL: 5.0 psf MWFRS Parallel Dist: > 2h Rick C Dist a: 4.82 ft Rick C From endwall: not in 13.00 ft	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Building Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	PP Deflection in loc L/defl L/# VERT(LL): 0.002 G 999 240 VERT(CL): 0.003 G 999 180 HORZ(LL): 0.003 I HORZ(TL): 0.005 I Creep Factor: 2.0 Max TC CSI: 0.224 Max BC CSI: 0.091 Max Web CSI: 0.202	Gravity  Loc R+ / R- / Rh  A 22 /- /-  B* 68 /- /-  R /-106  L /-126  Wind reactions based on M  A Brg Wid = 6.5 Min R  B Brg Wid = 373 Min R  Bearings A & B are a rigid s  Members not listed have fo	Req = 1.5 (Truss) Req = - surface.		
l v	U. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	Plate Type(s): WAVE	VIEW Ver: 23.02.01A.1204.18				

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Plating Notes**

All plates are 2X4 except as noted.

### **Purlins**

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.

### **Additional Notes**

Refer to DWG PB160220723 for piggyback details.



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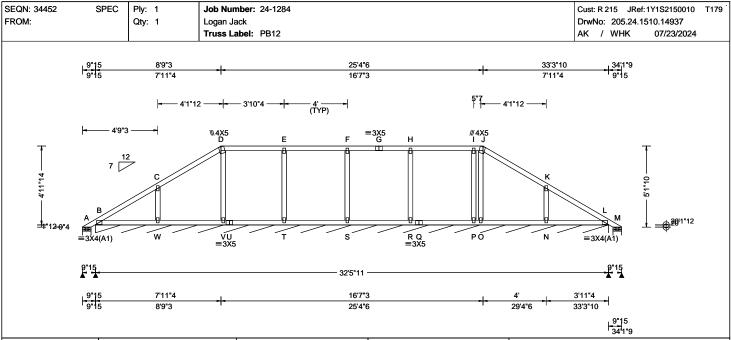
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (II	• • • • • • • • • • • • • • • • • • • •
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity	Non-Gravity
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 E 999 240	Loc R+ /R- /Rh	/Rw /U /RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 E 999 180	A - /-35 /-	/81 /101 /140
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.002 K	B* 88 /- /-	/47 /12 /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.003 K	M - /-35 /-	/10 /31 /-
NCBCLL: 10.00	Mean Height: 22.58 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	W /-164	
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.222	T /-228	
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.120	S /-186 R /-223	
Spacing: 24.0 "	C&C Dist a: 5.04 ft	Rep Fac: Yes	Max Web CSI: 0.131	P /-191	
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		N /-164	
	GCpi: 0.18	Plate Type(s):		Wind reactions based on N	//WFRS
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	A Brg Wid = 6.5 Min F	Req = 1.5 (Truss)
Lumber				B Brg Wid = 389 Min F	- 1
Top chord: 2x4 SP #2				M Brg Wid = 6.5 Min F	Req = 1.5 (Truss)

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Plating Notes**

All plates are 2X4 except as noted.

### **Purlins**

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

See Detail PB160220723 for piggyback details.



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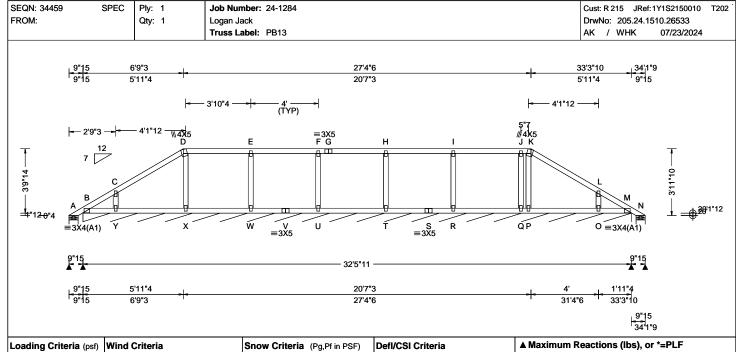
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025

Bearings A, B, & M are a rigid surface. Members not listed have forces less than 375#



J	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Read
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.001 E 999 240	Loc R+ /R-
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.002 E 999 180	A 31 /-
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.002 L	B* 84 /-
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 21.99 ft		HORZ(TL): 0.002 L	N 30 /-
NCBCLL: 10.00		Building Code:	Creep Factor: 2.0	Y /-156
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.214	W /-233
1.77	BCDL: 5.0 psf			U /-194
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014		T /-198
Spacing: 24.0 "	C&C Dist a: 5.04 ft	Rep Fac: Yes	Max Web CSI: 0.084	R /-212
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		Q /-189
	GCpi: 0.18	Plate Type(s):		O /-155
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	Wind reactions ba
Lumber				A Brg Wid = 6.

### Non-Gravity /Rh /Rw /U /RL /59 /49 /107 /-/44 /13 /-/18 /-/9 pased on MWFRS Min Reg = 1.5 (Truss)

Bra Wid = 6.5

Brg Wid = 389 Min Reg =

Brg Wid = 6.5 Min Req = 1.5 (Truss) Ν Bearings A, B, & N are a rigid surface. Members not listed have forces less than 375#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

**Plating Notes** All plates are 2X4 except as noted.

### **Purlins**

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

See Detail PB160220723 for piggyback details.



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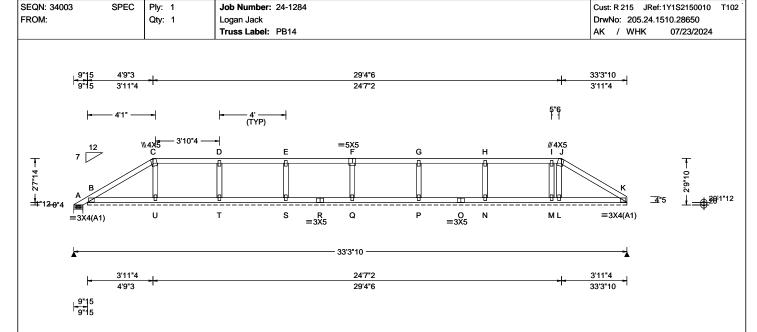
\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS
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155 Harlem Ave North Building, 4th Floor Glenview, IL 60025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	l
TCLL: 20.00	Wind Std: ASCE 7-22	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.003 K 999 240	
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.005 K 999 180	
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.002 K	
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.004 K	
NCBCLL: 10.00	Mean Height: 17.03 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	
Soffit: 2.00	BCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.202	
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.137	
Spacing: 24.0 "	C&C Dist a: 4.95 ft	Rep Fac: Yes	Max Web CSI: 0.068	
	Loc. from endwall: not in 13.00 ft	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		ļ
	Wind Duration: 1.60	WAVE	VIEW Ver: 23.02.01A.1204.18	١
Lumber				•

### ▲ Maximum Reactions (lbs), or \*=PLF Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL /-68 /63 /108 /74 B\* 70 /66 /14 Wind reactions based on MWFRS Brg Wid = 6.5 Min Req = 1.5 (Truss) Brg Wid = 389 Min Req = -Bearings A & B are a rigid surface. Members not listed have forces less than 375#

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

### **Plating Notes**

All plates are 2X4 except as noted.

### **Purlins**

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

## **Additional Notes**

Refer to DWG PB160220723 for piggyback details.



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# CLR Reinforcing Member Substitution

This detail is to be used when a Continuous Lateral Restraint (CLR) is specified on a truss design but an alternative web reinforcement method is desired.

## Notes:

This detail is only applicable for changing the specified CLR shown on single ply sealed designs to T-reinforcement or L-reinforecement or scab reinforcement.

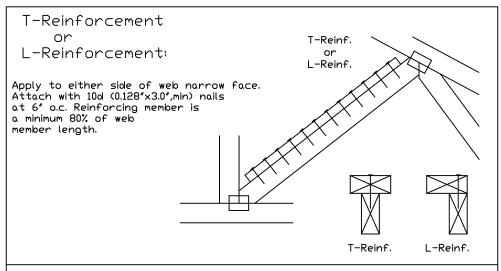
Alternative reinforcement specified in chart below may be conservative. For minimum alternative reinforcement, re-run design with appropriate reinforcement type.

Use scabs instead of L- or T- reinforcement on webs with intersecting truss joints, such as K-web joints, that may interfere with proper application along the narrow face of the web.

Web Member	Specified CLR	Alternative Reir	
Size	Restraint	T- or L- Reinf.	
2x3 or 2x4	1 row	2×4	1-2×4
2x3 or 2x4	2 rows	2×6	2-2×4
2×6	1 row	2×4	1-2×6
2×6	2 rows	2×6	2-2×4( <b>*</b> )
2×8	1 row	2×6	1-2×8
2×8	2 rows		2-2×6( <del>*/</del> )

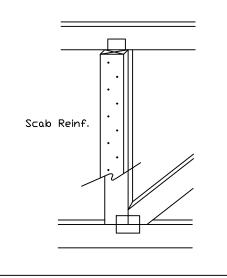
T-reinforcement, L-reinforcement, or scab reinforcement to be same species and grade or better than web member unless specified otherwise on Engineer's sealed design.

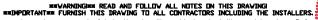
Center scab on wide face of web. Apply (1) scab to each face of web.



## Scab Reinforcement:

Apply scab(s) to wide face of web. No more than (1) scab per face. Attach with 10d (0.128"x3.0",min) nails at 6" o.c. Reinforcing member is a minimum 80% of web member length.





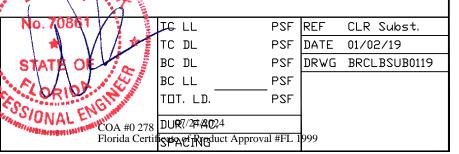
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Refer to drawings 160A-Z for standard plate positions.

For more information see this job's general notes page and these web sites:
ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcacomponents.com; ICC: www.iccsafe.org

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Camber may be built into trusses to compensate for the vertical deflection that results from the application of loads. Providing camber has the following advantages:

- Helps to ensure level ceilings and floors after dead loads are applied.
- Facilitates drainage to avoid ponding on flat or low slope roofs.
- Compensates for different deflection characteristics between adjacent trusses.
- Improves appearance of garage door headers and other long spans that can appear to "sag."
- Avoids "dips" in roof ridgelines at the transition from the gable to adjacent clear span trusses.

In accordance with ANSI/TPI 1 the Building Designer, through the Construction Documents, shall provide the location, direction, and magnitude of all loads attributable to ponding that may occur due to the design of the roof drainage system. The Building Designer shall also specify any dead load, live load, and in-service creep deflection criteria for flat or low-slope roofs subject to ponding loads.

The amount of camber is dependent on the truss type, span, loading, application, etceteras.

More restrictive limits for allowable deflection and slenderness ratio (L/D) may be required to help control vibration.

The following tables are provided as guidelines for limiting deflection and estimating camber. Conditions or codes may exist that require exceeding these recommendations, or past experience may warrant using more stringent limitations.

# Commentary: Deflection and Camber

L = Span of Truss (inches)

D = Depth of Truss at Deflection Point (inches)

### Recommended Truss Deflection Limits

<u>Truss Type</u>	<u>L/D</u>	<u>Deflection Limits</u>		
		<u>Live Load</u>	<u>Total Load</u>	
Pitched Roof Trusses	24	L/240 (vertical)	L/180 (vertical)	
Floor of Room-In-Attic Trusses	24	L/360 (vertical)	L/240 (vertical)	
Flat or Shallow Pitched Roof Trusses	24	L/360 (vertical)	L/240 (vertical)	
Residential Floor Trusses	24	L/360 (vertical)	L/240 (vertical)	
Commercial Floor Trusses	20	L/480 (vertical)	L/240 (vertical)	
Scissors Trusses	24	0.75" (horizontal)	1.25" (horizontal)	

Truss T	<u>vpe</u>	Recommended	Camber

Pitched Trusses 1.00 x Deflection from Actual Dead Load

Sloping Parallel 1.5 x Vertical Deflection from

Chord Trusses Actual Dead Load

(0.25 x Deflection from Live Load) + Floor Trusses

Actual Dead Load

Flat Roof Trusses  $(0.25 \times Deflection from Live Load) +$ 

(1.5 x Design Dead Load Deflection)

Note: The wetval dead load may be considerably less than

design dead load.

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COA #0 278

DATE 10/01/14 DRWG DEFLCAMB1014

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07/24/2024

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# Piggyback Detail - ASCE 7-22: 160 mph, 30' Mean Height, Enclosed, Exposure C, Kzt=1.00

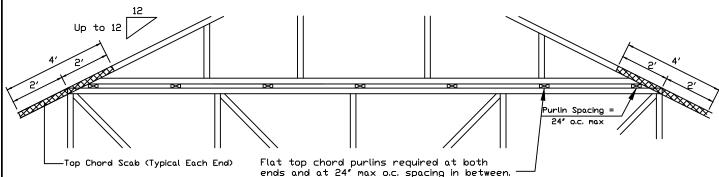
160 mph Wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg, located anywhere in roof, Exp C, Wind DL= 5.0 psf (min), Kzt=1.0. Dr 140 mph wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg, located anywhere in roof, Exp D, wind DL= 5.0 psf (min), Kzt=1.0.

Note: Top chords of trusses supporting piggyback cap trusses must be adequately braced by sheathing or purlins. The building designer shall provide diagonal bracing or any other suitable anchorage to permanently restrain purlins, and lateral bracing for out of plane loads over gable ends.

Maximum truss spacing is 24' o.c. Detail is not applicable if cap supports additional loads such as cupola, steeple, chimney or drag strut loads.

\*\* Refer to Engineer's sealed truss design drawing for piggyback and base truss specifications.

# Detail A: Purlin Spacing = 24" o.c. or less



Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135"x3.5") and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128"x3") at 4" o.c.

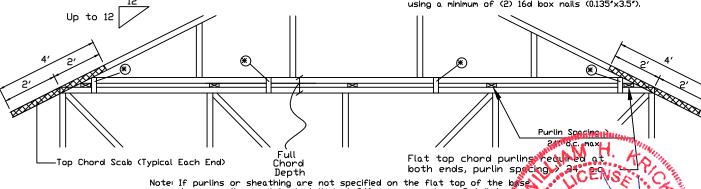
Attach purlin bracing to the flat top chord using (2) 16d box nails (0.135"x3.5").

The top chord #3 grade 2x4 scab may be replaced with either of the following: (1) 3X8 Trulox plate attached with (8) 0.120"x1.375" nalls, (4) into cap TC & (4) into base truss TC or (1) 28PB wave piggyback plate plated to the piggyback truss TC and attached to the base truss TC with (4) 0.120"x1.375" nails. Note: Nailing thru holes of wave plate is acceptable.

# Detail B: Purlin Spacing > 24" o.c.

Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135"x3.5") and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128"x3") at 4" o.c.

Attach purlin bracing to the flat top chord using a minimum of (2) 16d box nails (0.135"x3.5").



Note: If purlins or sheathing are not specified on the flat top of the bise truss, purlins must be installed at 24" o.c. max. and use Detail A. 🎅

### \* In addition, provide connection with one of the following methods:

Use 3X8 Trulox plates for 2x4 chord member, and 3X10 Trulox plates for 2x6 and larger chord members. Attach to each face @ 8' o.c. with (4) 0.120"x1.375" nails into cap bottom chord and (4) in base truss top chord. Trulox plates may be staggered 4' o.c. front to back faces.

### APA Rated Gusset

8'x8'x7'16' (min) APA rated sheathing gussets (each face). Attach @ 8' o.c. with (8) 6d common (0.13'x2') nalls per gusset, (4) in cap bottom chord and (4) in base truss top chord. Gussets may be staggered 4' o.c. front to back faces.

### 2x4 Vertical Scabs

2x4 SPF #2, full chord depth scabs (each face). Attach @ 8' o.c. with (6) 10d box nails (0.128"x3") per scab, (3) in cap bottom chord and (3) in base truss top chord. Scabs may be staggered o.c. front to back faces.

### 28PB Wave Piggyback Plate

Dine 28PB wave piggyback plate to each face 8 8' o.c. Attach teeth to piggyback at time of fabrication. Attach to supporting truss with (4) 0.120'x1.375' nails per face per ply.
Piggyback plates may be staggered 4' o.c. front to back faces.

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IREF **PIGGYBACK** DATE 07/03/2023

DRWG PB160220723

07/24/2024

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# NAIL SPACING DETAIL

MINIMUM SPACING FOR SINGLE BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

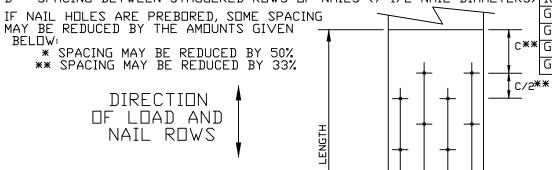
BLOCK LOCATION, SIZE, LENGTH, GRADE AND TOTAL NUMBER AND TYPE OF NAILS ARE TO BE SPECIFIED ON SEALED DESIGN REFERENCING THIS DETAIL.

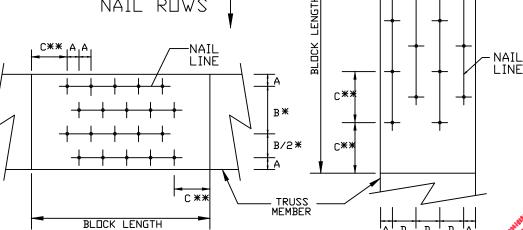
### LOAD PERPENDICULAR TO GRAIN

- A EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)
- B SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)
- C END DISTANCE (15 NAIL DIAMETERS)

## LOAD PARALLEL TO GRAIN

- A EDGE DISTANCE (6 NAIL DIAMETERS)
- C SPACING OF NAILS IN A ROW AND END DISTANCE (15 NAIL DIAMETERS)
- D SPACING BETWEEN STAGGERED ROWS OF NAILS (7 1/2 NAIL DIAMETERS)





LOAD APPLIED PERPENDICULAR TO GRAIN

LOAD APPLIED PARALLEL TO GRAIN CEN

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## MINIMUM NAIL SPACING DISTANCES

	DIS	TANCES		
NAIL TYPE	Α	B*	C**	D
8d BOX (0.113"X 2.5",MIN)	3/4"	1 3/8"	1 3/4"	7/8″
10d BOX (0.128"X 3.",MIN)	7/8"	1 5/8"	2"	1"
12d BOX (0.128"X 3.25",MIN)	7/8"	1 5/8"	2"	1"
16d BOX (0.135"X 3.5",MIN)	7/8"	1 5/8"	2 1/8"	1 1/8"
20d BOX (0.148"X 4.",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
8d COMMON (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	1"
10d C□MM□N (0.148"X 3.",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
12d COMMON (0.148"X 3.25",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
) 16d COMMON (0.162"X 3.5",MIN)	1′	2"	2 1/2"	1 1/4"
GUN (0.120"X 2.5",MIN)	3/4"	1 1/2"	1 7/8"	1″
GUN (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	1"
* GUN (0.120"X 3.",MIN)	3/4"	1 1/2"	1 7/8"	1"
GUN (0.131"X 3.",MIN)	7/8"	1 5/8″	2"	1″

REF NAIL SPACE DATE 10/01/14 DRWG CNNAILSP1014

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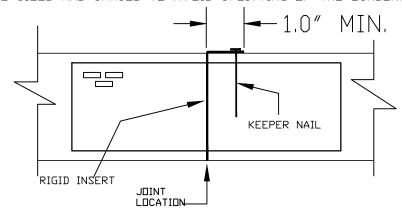


# RIGID INSERT DETAIL - REINFORCEMENT FOR HIGH STRESS COMPRESSION JOINTS

THIS DETAIL IS TO BE USED WHEN STRESS AT A COMPRESSION SPLICE EXCEEDS 75% OF THE ALLOWABLE COMPRESSION STRESS PER TPI 1 SECTION 7.3.9.2

### OPTION #1:

APPLY A 20 GAGE MINIMUM METAL INSERT BETWEEN BUTTED ENDS OF COMPRESSION CHORD MEMBERS TO FULLY COVER THE JOINT BEARING AREA. BEND RIGID INSERT OVER THE TOP OR BOTTOM OF THE COMPRESSION MEMBER A MINIMUM OF 1" AND SECURE IN PLACE WITH A KEEPER NAIL. KEEPER NAIL IS TO BE SIZED AND SPACED TO AVOID SPLITTING OF THE LUMBER.



### OPTION #2:

APPLY A 20 GAGE MINIMUM METAL INSERT WITH SLOTTED TEETH BETWEEN BUTTED ENDS OF COMPRESSION CHORD MEMBERS TO FULLY COVER THE JOINT BEARING AREA. HAMMER RIGID INSERT SECURELY IN PLACE AND FLUSH WITH BUTTED END.

