This document has been electronically signed using a Digital Signature. Printed copies without an original signature must be verified using the original electronic version.



Alpine, an ITW Company 6750 Forum Drive, Suite 305 Orlando, FL 32821 Phone: (800)755-6001 www.alpineitw.com



Site Information:	Page 1:
Customer: W. B. Howland Company, Inc.	Job Number: 20-4582
Job Description: Lot 24 Turkey Run	
Address: LAKE CITY, FL	

Job Engineering Criteria:						
Design Code: FBC 2017 RES	IntelliVIEW Version: 18.02.01B through 20.01.01A					
	JRef #: 1WYc2150007					
Wind Standard: ASCE 7-10 Wind Speed (mph): 130	Roof Load (psf): 20.00-10.00- 0.00-10.00					
Building Type: Closed	Floor Load (psf): None					

This package contains general notes pages, 29 truss drawing(s) and 3 detail(s).

Item	Drawing Number	Truss
1	246.20.1711.58678	A01
3	246.20.1711.56852	A03
5	246.20.1711.57867	A05
7	246.20.1711.58848	B02
9	246.20.1711.58709	B04
11	246.20.1711.56712	B06
13	246.20.1711.58583	B08
15	246.20.2044.29460	B10
17	246.20.1711.56883	C02
19	246.20.2044.24890	D01
21	246.20.1711.59021	G01
23	246.20.1711.57725	HJ1
25	246.20.1711.58022	J01
27	246.20.1711.56742	J03
29	246.20.1711.58084	J05
31	BRCLBSUB0119	

Item	Drawing Number	Truss
2	246.20.1711.56774	A02
4	246.20.1711.57413	A04
6	246.20.1711.57710	B01
8	246.20.1711.58162	B03
10	246.20.1711.56743	B05
12	246.20.1711.57600	B07
14	246.20.2044.21793	B09
16	246.20.1711.58770	C01
18	246.20.2044.26127	C03
20	246.20.2044.23530	D02
22	246.20.1711.57444	G02
24	246.20.1711.58505	HJ2
26	246.20.1711.58396	J02
28	246.20.1711.58334	J04
30	A14015ENC101014	
32	GBLLETIN0118	

# **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.

### **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.

# **General Notes** (continued)

# **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.

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-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-PG = PYRO-GUARD 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 of all load cases.

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

Max Web CSI= Maximum bending and axial Combined Stress Index for Webs for of 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).

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.

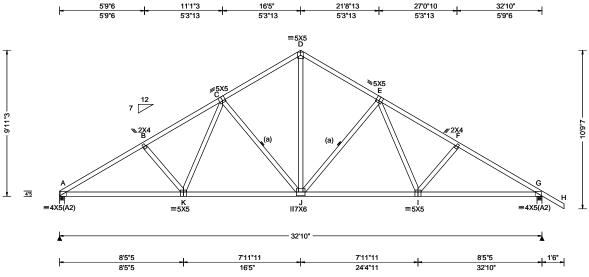
Refer to ASCE-7 for Wind and Seismic abbreviations.

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.: 514 Earth City Expressway, Suite 242, Earth City, MO 63045; <a href="https://www.alpineitw.com">www.alpineitw.com</a>.
- 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.sbcindustry.com.

SEQN: 332276 / COMN Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T1 / FROM: CDM DrwNo: 246.20.1711.58678 Qty: 2 Lot 24 Turkey Run Truss Label: A01 SSB / YK 09/02/2020



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 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: B 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: 3.28 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Code / Misc Criteria Bldg Code: FBC 2017 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): 0.120 J 999 240 VERT(CL): 0.229 J 999 180 HORZ(LL): 0.052 l HORZ(TL): 0.099 l Creep Factor: 2.0 Max TC CSI: 0.410 Max BC CSI: 0.962 Max Web CSI: 0.458
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08
Lumber	Wild Baladon. 1.00		VIEW VOI. 10.02.015.002

	▲ Ma	aximu	ım Rea	ctions	(lbs)			_
:		G	ravity		N	Ion-Gra	vity	
)	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	_
)	Α	1482	/-	/-	/764	/-	/189	
	G	1590	/-	/-	/834	/-	/-	
	Wind	d reac	tions b	ased o	n MWFRS			
	Α	Brg V	Vidth =	4.0	Min R	eq = 1.	7	
	G	Brg V	Vidth =	4.0	Min R	eq = 1.	9	
	Bear	rings /	A & G a	are a rig	gid surface			
	Men	nbers	not list	ed have	e forces les	s than	375#	
	Max	imum	Top C	hord I	Forces Pe	r Ply (II	os)	
	Cho	rds T	ens.Co	mp.	Chords	Tens.	. Comp.	_
	A - E	3	295 -	2486	D-E	270	- 1616	
	B-0	_				290		
	C - I	)	275 -	-	F-G	274		

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

(a) Continuous lateral restraint equally spaced on

# 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.

### **Additional Notes**

Refer to General Notes for additional information The overall height of this truss excluding overhang is 9-11-3.

### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Tens. Comp. Chords 2074 - 170 J - I 1704 -81 A - K 1 - G K-J 2054 - 158 1709 - 79

Maximum Web Forces Per Ply (lbs)							
Webs Tens.Comp. Webs Tens. Comp							
K - C C - J D - J	491 138 1203	- 56 - 605 - 171	J-E E-I	136 474	- 598 - 41		



09/02/2020

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

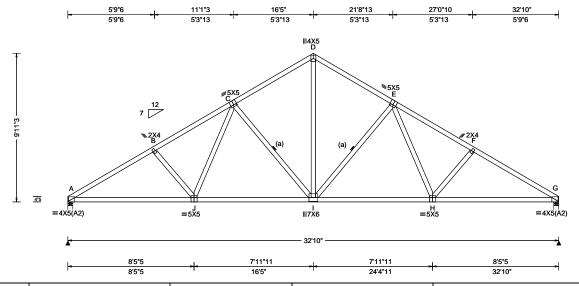
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

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.



SEQN: 332277 / COMN Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T35 / FROM: CDM Qty: 2 Lot 24 Turkey Run DrwNo: 246.20.1711.56774 Truss Label: A02 SSB / YK 09/02/2020



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	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: B Kzt: NA Mean Height: 15.00 ft	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): 0.120 l 999 240 VERT(CL): 0.228 l 999 180 HORZ(LL): 0.052 H - HORZ(TL): 0.099 H -
NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.28 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Creep Factor: 2.0 Max TC CSI: 0.315 Max BC CSI: 0.967 Max Web CSI: 0.462
Lumber	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08

▲ Maximum Reactions (lbs)							
	(	Gravity		N	on-Gra	vity	
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
Α	1488	· /-	/-	/764	/-	/169	
G	1489	/-	/-	/764	/-	/-	
Win	d rea	ctions b	ased on	<b>MWFRS</b>			
Α	Brg \	Width =	4.0	Min Re	q = 1.	8	
G	Brg \	Width =	4.0	Min Re	q = 1.5	8	
Bea	rings	A&Ga	re a rigi	d surface.	•		
Mer	nbers	not liste	ed have	forces les	s than	375#	
Max	cimur	n Top C	hord F	orces Per	Ply (lk	os)	
Cho	rds	Tens.Co	mp.	Chords	Tens.	Ćomp.	
A - I	—— В	296 -	2498	D-E	276	- 1626	
B - 6	_			E-F	310		
C -	Ď	276 -	1626	F-G	206	- 2490	

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

Top chord: 2x4 SP #2;

(a) Continuous lateral restraint equally spaced on

# 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.

### **Additional Notes**

Refer to General Notes for additional information The overall height of this truss excluding overhang is 9-11-3.

### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Tens. Comp. Chords A - J 2085 - 193 I-H 1719 - 105 1719 - 105 J - I 2085 - 192 H - G

Maximum web Forces Per Ply (lbs)								
Webs	Tens.Comp.		Webs	Tens. Comp.				
J-C	494	- 56	I-E	138	- 607			
C - I	138	- 606	E - H	495	- 56			
D-I	1212	- 172						



09/02/2020

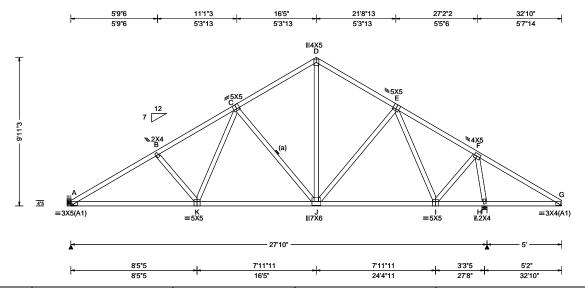
\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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

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



SEQN: 332278 / COMN Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T41 / FROM: CDM Qty: 3 Lot 24 Turkey Run DrwNo: 246.20.1711.56852 Truss Label: A03 SSB / YK 09/02/2020



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (It	os)
TCLL: 20.00	Wind Std: ASCE 7-10	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): 0.065 K 999 240	Loc R+ /R- /Rh	/Rw /U /RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.126 K 999 180	A 1235 /- /-	/644 /- /169
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.025 I	H 1761 /- /-	/973 /- /-
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.050 H	Wind reactions based on M	/WFRS
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	A Brg Width = -	Min Req = -
Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.596	H Brg Width = 4.0	Min Req = 1.7
Load Duration: 1.25	BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.877	Bearing H is a rigid surface	
Spacing: 24.0 "		Rep Fac: Yes	Max Web CSI: 0.595	Members not listed have for	
Spacing. 24.0	C&C Dist a: 3.28 ft	FT/RT:20(0)/10(0)	Max Web een eleee	Maximum Top Chord For	• • •
	Loc. from endwall: not in 9.00 ft	. , , , ,		Chords Tens.Comp. C	Chords Tens. Comp.
	GCpi: 0.18	Plate Type(s):	\(\(\text{\text{\$\exitt{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\exitt{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\exitt{\$\text{\$\exittit{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\}\exittit{\$\text{\$\}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}	A - B 255 - 2023 [	) - E 224 - 1134
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08		E-F 174 -860
Lumber					F-G 460 -173

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

(a) Continuous lateral restraint equally spaced on member.

# Hangers / Ties

(J) Hanger Support Required, by others

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

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

Right cantilever is exposed to wind

# **Additional Notes**

Refer to General Notes for additional information The overall height of this truss excluding overhang is 9-11-3.

A-B B-C	255 - 2023	D-E	224	- 1134
B-C	269 - 1808	E-F	174	- 860
C - D	233 - 1134	F-G	460	- 173

# Maximum Bot Chord Forces Per Ply (lbs)

Choras	rens.c	omp.	Choras	rens. C	omp.
A - K K - J			J - I	877	- 33

# Maximum Web Forces Per Ply (lbs)

rens.c	omp.	vvebs	i ens.	Comp.
512	- 58	E-I	102	- 619
139	- 616	I-F	1028	-68
719	- 128	F-H	241	- 1696
	512 139	512 - 58 139 - 616 719 - 128	512 -58 E-I 139 -616 I-F	512 -58 E-I 102 139 -616 I-F 1028



09/02/2020

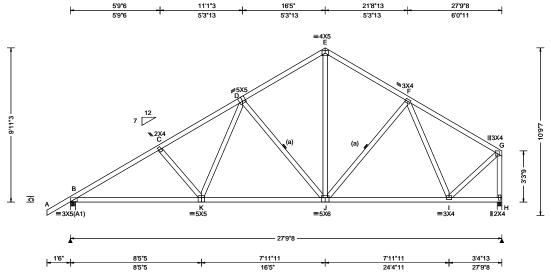
\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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

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

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.

SEQN: 332279 / SPEC Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T24 / FROM: CDM DrwNo: 246.20.1711.57413 Qty: 1 Lot 24 Turkey Run Truss Label: A04 SSB / YK 09/02/2020



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-10	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): 0.056 K 999 240	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.115 K 999 180	E
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.022 H	F
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.046 H	۷
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	E
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.444	H
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.795	E
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.467	ľ
	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: 18.02.01B.0321.08	E
Lumban	L	1	L	٦ (

▲ Maximum Reactions (lbs)								
	G	ravity		N	lon-Gra	vity		
Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL		
В	1267	/-	/-	/730	/-	/164		
Н	1146	/-	/-	/609	/-	/-		
Win	d reac	tions ba	sed on	<b>MWFRS</b>				
B Brg Width = 4.0				Min Req = 1.5				
Н	Brg W	/idth = 3	.5	Min Re	eq = 1.	5		
Bea	rings E	3 & H are	e a rigi	d surface.				
Men	nbers	not listed	have	forces les	s than	375#		
Maximum Top Chord F			orces Per	Ply (lk	os)			
Chords Tens.Comp.			np.	Chords	Tens.	Comp.		
В-0	2	221 - 18	341	E-F	225	- 1044		
i - ت ا	-	238 - 10			139	-		
D - F	=	216 - 10	าวผ					

Top chord: 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.

# **Additional Notes**

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Maximu	ım Bot (	Forces Per	Ply (lbs)		
Chords	Tens.C	omp.	Chords	Tens. C	omp.
B - K KI	1517 1180		J - I	854	- 91

Maximum Web Forces Per Ply (lbs)								
Webs	Tens.C	omp.	Webs	Tens.	Comp.			
K-D	457	- 42	F-I	84	- 485			
D-J	137	- 562	I-G	880	-72			
E - J	638	- 127	G-H	152	- 1133			



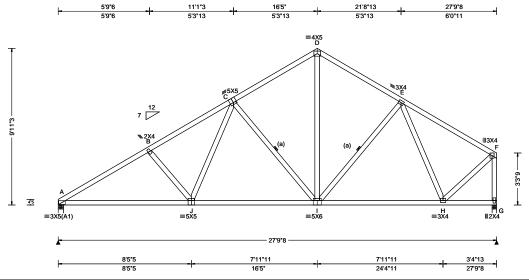
\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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

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



SEQN: 332280 / SPEC Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T43 / FROM: CDM DrwNo: 246.20.1711.57867 Qty: 1 Lot 24 Turkey Run Truss Label: A05 SSB / YK 09/02/2020



First-our Object	Loading Criteria (psf)	psf)   Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
GCpi: 0.18 Plate Type(s):	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 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: B 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 f	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Code / Misc Criteria Bldg Code: FBC 2017 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): 0.055 J 999 240 VERT(CL): 0.114 J 999 180 HORZ(LL): 0.022 G
Wind Duration: 1.60 WAVE VIEW Ver: 18.02.01B.0		Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08

▲ Ma	axim	um Rea	ections	(lbs)				
	G	avity		N	Non-Gravity			
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
Α	1162	/-	/-	/660	/-	/152		
G	1149	/-	/-	/609	/-	/-		
Win	d read	ctions b	ased or	n MWFRS				
Α	Brg V	Vidth =	4.0	Min Re	q = 1.	5		
G	Brg V	Vidth =	3.5	Min Re	q = 1.5	5		
Bea	rings	A & G a	are a rig	jid surface.				
Men	nbers	not list	ed have	forces les	s than	375#		
Max	Maximum Top Chord Fo				Ply (lk	os)		
Cho	rds -	Γens.Co	omp.	Chords	Tens.	Comp.		
A - E		2/1	1962	D-E	226	- 1048		
J B - C	_		1647		140			
C-1	_	221 -	-	- '	170	300		

Top chord: 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.

### **Additional Notes**

Refer to General Notes for additional information The overall height of this truss excluding overhang is

### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - J 1542 - 218 1 - H 857 - 92

1188 - 133

139 - 569

641 - 128

J - I

C - I

### Maximum Web Forces Per Ply (lbs) Tens. Comp. Webs Webs Tens.Comp. J - C 464 E - H 85 - 487 - 55

H-F

F-G

883

153 - 1137

- 74



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

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

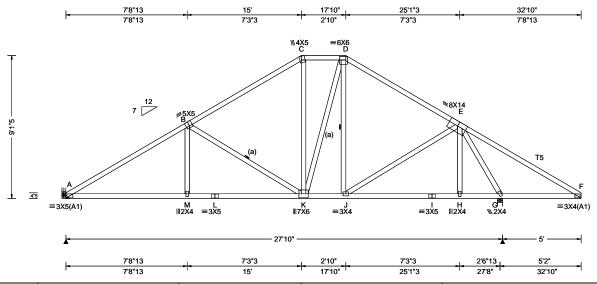
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise to chord shall have properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, drawings 160A-Z for standard plate positions.

Refer to drawings 160A-Z for standard plate positions.

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.



SEQN: 332281 / HIPS Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T42 / FROM: CDM DrwNo: 246.20.1711.57710 Qty: 1 Lot 24 Turkey Run Truss Label: B01 SSB / YK 09/02/2020



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	•
TCLL: 20.00	Wind Std: ASCE 7-10	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): 0.048 M 999 240	Ŀ
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.101 M 999 180	lΑ
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.020 G	G
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.045 G	W
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	Α
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.724	G
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.788	В
Spacing: 24.0 "	C&C Dist a: 3.28 ft	Rep Fac: Yes	Max Web CSI: 0.875	N
-F	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	ļ	M
	GCpi: 0.18	Plate Type(s):		]≚
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	Α
Lumbar	L	l		В

### ▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /R /Rh /Rw /U /RL 1135 /-/644 /154 1615 /-/973 /-Wind reactions based on MWFRS Brg Width = -Min Rea = -Brg Width = 4.0 Min Reg = 1.5Bearing 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. 267 - 1777 237 - 1061 B - C 251 - 1135 572 C-D 247 -874

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

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

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

Right cantilever is exposed to wind

# **Additional Notes**

Refer to General Notes for additional information The overall height of this truss excluding overhang is 9-1-5.

Maximum Bot Chord Forces Per Ply (lbs)									
Chords	Tens.C	Comp.	Chords	Tens. (	Comp.				
A - M	1445	- 148	J - I	538	-56				
M - L	1442	- 148	I - H	538	- 56				
L-K	1442	- 148	H-G	536	- 57				
K - I	808	_ 18	G - F	206	_ 381				

### Maximum Web Forces Per Ply (lbs) Tens.Comp. Webs Tens. Comp. B - K 153 - 676 E-G 273 - 1694



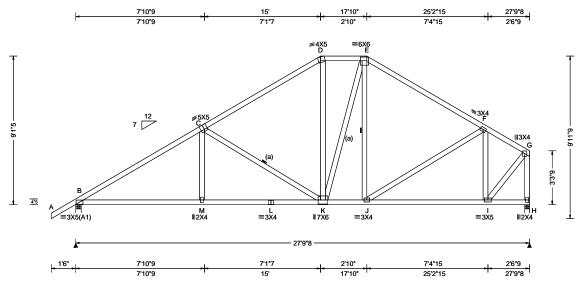
\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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

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



SEQN: 332282 / HIPS Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T6 / FROM: CDM DrwNo: 246.20.1711.58848 Qty: 1 Lot 24 Turkey Run Truss Label: B02 SSB / YK 09/02/2020



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	14
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 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: B 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	` •	PP Deflection in loc L/defl L/# VERT(LL): 0.051 M 999 240 VERT(CL): 0.106 M 999 180 HORZ(LL): 0.022 I HORZ(TL): 0.046 I Creep Factor: 2.0 Max TC CSI: 0.641 Max BC CSI: 0.777 Max Web CSI: 0.384  VIEW Ver: 18.02.01B.0321.08	
Lumber				- :

	▲ M	aximu	ım Rea	actions	(lbs)					
ı		G	ravity		N	Non-Gravity				
ı	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL			
ı	В	1267	/-	/-	/731	/-	/150			
ı	Н	1146	/-	/-	/608	/-	/-			
ı	Win	d read	ctions b	ased o	n MWFRS					
ı	В	Brg V	Vidth =	4.0	Min Re	eq = 1.	5			
ı	Н	Brg V	Vidth =	3.5	Min Re	eq = 1.	5			
ı	Bea	rings l	В&На	are a rig	jid surface.					
ı	Men	nbers	not list	ed have	e forces les	s than	375#			
ı	Max	imun	Top (	Chord F	orces Per	Ply (lk	os)			
ı	Cho	rds 1	ens.C	omp.	Chords	Tens.	Comp.			
1	В-0	0	242 -	1803	E-F	230	- 1111			
J	C - I		235 -	1180	F-G	124	- 757			
	D - F	=	242	- 914						

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

Top chord: 2x4 SP #2;

**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.

### **Additional Notes**

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Maximum Bot Chord Forces Per Ply (lbs)							
Chords Tens.Comp.		Chords	Tens. Comp.				
B - M M - L L - K	1460	- 208 - 209 - 209	K - J J - I	856 684	- 77 - 97		

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

C - K	142 - 650	1 - G	1009 - 139
F-I	136 - 640	G-H	165 - 1149



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

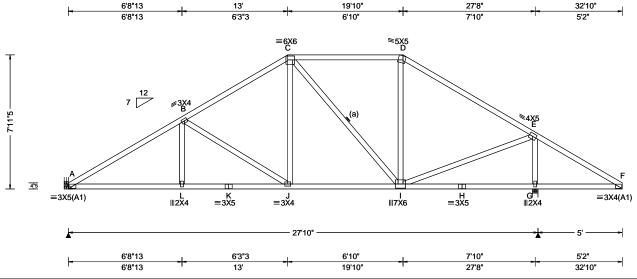
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

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.

6750 Forum Drive Suite 305 Orlando FL, 32821

SEQN: 332283 / HIPS Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T46 / FROM: CDM Qty: 1 Lot 24 Turkey Run DrwNo: 246.20.1711.58162 Truss Label: B03 SSB / YK 09/02/2020



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	
TCLL: 20.00	Wind Std: ASCE 7-10	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): 0.049 J 999 240	١.
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.103 J 999 180	١.
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.019 I	
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.041 I	1
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	١.
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.804	
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.647	
Spacing: 24.0 "	C&C Dist a: 3.28 ft	Rep Fac: Yes	Max Web CSI: 0.590	
oparang. = m	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: 18.02.01B.0321.08	
Lumber		Wind		_

### 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

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 A (0', 9') HUS26

Supporting Member: (2)2x6 SP 2400f-2.0E (14) 0.148"x3" nails into supporting

member,
(4) 0.148"x3" nails into supported member

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

Right cantilever is exposed to wind

### **Additional Notes**

Refer to General Notes for additional information The overall height of this truss excluding overhang is

# ▲ Maximum Reactions (lbs)

C-D

	Gravity				Non-Gravity		
	Loc F	₹+	/ R-	/Rh	/ Rw	/ U	/ RL
	A 11	35	/-	/-	/643	/37	/134
	G 16	315	/-	/-	/969	/26	/-
	Wind	react	ions bas	ed on N	<b>MWFRS</b>		
	А В	rg W	idth = -		Min Re	q = -	
	G B	rg W	idth = 4.	0	Min Re	q = 1.5	
	Bearin	ıg G	is a rigid	surface	e.		
	Memb	ers r	ot listed	have for	orces less	than 3	375#
	Maximum Top Chord Forces Per Ply (lbs)						
	Chord	s Te	ens.Com	ıp. (	Chords	Tens.	Comp.
_	A - B		285 - 18	113	D - E	235	- 1095
	B-C		274 - 12		E - F	414	- 186
							.00

# Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.	
A - L L - K	1485 - 173 1482 - 173		1482 - 173 1024 - 65	

# Maximum Web Forces Per Plv (lbs)

248 - 841

Webs	Tens.Comp.	Webs	Tens. Comp.
B-J	128 - 546	I-E	1065 - 136
C-J	470 - 42	E-G	299 - 1454



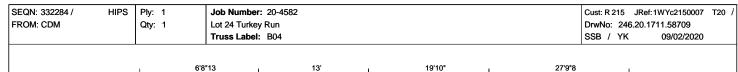
09/02/2020

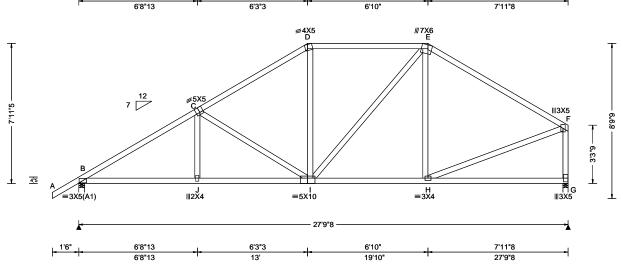
\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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

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







Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	▲ Maximum Reactions (Ib	os)
TCLL: 20.00	Wind Std: ASCE 7-10	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): 0.051 J 999 240	Loc R+ /R- /Rh	/Rw /U /RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.106 J 999 180	B 1267 /- /-	/729 /45 /129
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.020 G	G 1146 /- /-	/605 /41 /-
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.041 G	Wind reactions based on M	
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	B Brg Width = 4.0	Min Req = 1.5
Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	•	G Brg Width = 3.5	Min Req = 1.5
Load Duration: 1.25	BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.727	Bearings B & G are a rigid	
	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.567	Members not listed have for	
Opacing. 24.0	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		Maximum Top Chord For	
		1 1 1 1 1		Chords Tens.Comp. C	Chords Tens. Comp.
	GCpi: 0.18	Plate Type(s):		B - C 258 - 1834 D	) - F 256 - 1057
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08		) - E 256 - 1057 : - F 219 - 1162

### 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.

Right end vertical not exposed to wind pressure.

# **Additional Notes**

Refer to General Notes for additional information The overall height of this truss excluding overhang is

# Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.	
B-J	1498 - 231	I-H	908 - 109	
J - I	1496 - 231			

### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.	
C - I	118 - 525	F-G	193 - 1077	



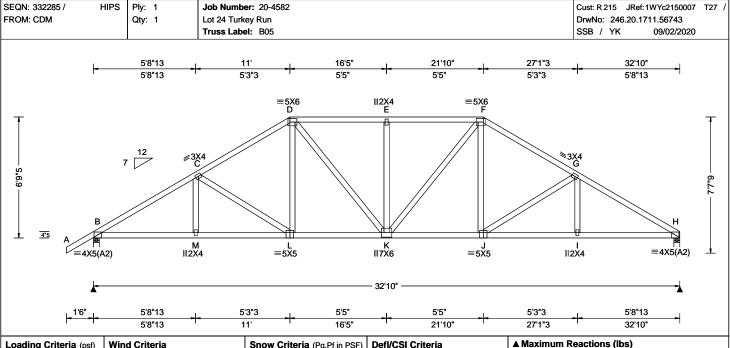
09/02/2020

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

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

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

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.



	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	▲ Maximum Reactions (Ibs)	)
1	TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity	Non-Gravity
1	TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.100 E 999 240	Loc R+ /R- /Rh	/Rw /U /RL
1	BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.207 E 999 180	B 1470 /- /-	/824 /58 /133
1	BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.045 I	H 1362 /- /-	/753 /45 /-
1	Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.092 I	Wind reactions based on MW	VFRS
	NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	B Brg Width = 4.0	Min Req = 1.7
1	Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.386	H Brg Width = 4.0	Min Req = 1.6
1	Load Duration: 1.25	BCDL: 5.0 psf MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.605	Bearings B & H are a rigid su	
1	Spacing: 24.0 "		Rep Fac: Yes	Max Web CSI: 0.325	Members not listed have force	
١	Spacing. 24.0	C&C Dist a: 3.28 ft	·		Maximum Top Chord Force	s Per Ply (lbs)
١		Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		Chords Tens.Comp. Cho	ords Tens. Comp
١		GCpi: 0.18	Plate Type(s):		<u> </u>	<del></del>
		Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	B - C 338 - 2247 E -	
ł			1		¹C-D 340-1856 F-	·G 347 - 186

### Lumber

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

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

# **Additional Notes**

Refer to General Notes for additional information The overall height of this truss excluding overhang is

# Maximum Bot Chord Forces Per Ply (lbs)

356 - 1722

Chords	Tens.Comp.		Chords	Tens. Comp.	
B - M M - L L - K	1860	- 236 - 236 - 155	K - J J - I I - H	1884	- 153 - 240 - 240

G-H

Tens. Comp 356 - 1722 347 - 1862

352 - 2270

# Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens.	Comp.
C-L	97 - 395	F-J	388	- 35
D - L	384 - 32	J - G	105	- 420



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

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

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

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.

6750 Forum Drive Suite 305 Orlando FL, 32821

FROM: CDM Qty: 1 Lot 24 Turkey Run DrwNo: 246.20.1711.56712 Truss Label: B06 SSB / YK 09/02/2020 5'8"13 11' 16'5" 21'10" 27'9"8 5'8"13 5'3"3 5'5" 5'5" 5'11"8 ≡5X6 D ∥2X4 E ≡6X6 /3X4 3'3"9 4"5 | ||3X5 K ≡3X4 ≡5X5 =5X6 =3X4 =3X5(A1) 27'9"8 5'8"13 5'3"3 5'5" 5'5" 5'11"8

16'5"

21'10"

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	
TCLL: 20.00	Wind Std: ASCE 7-10	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): 0.056 K 999 240	١.
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.115 K 999 180	
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.022 H	
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.045 H	ľ
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.503	
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.496	
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.362	
-, 3	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: 18.02.01B.0321.08	
Lumber				- '

Job Number: 20-4582

### ▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 1267 /-/724 /48 /109 1146 /-/598 /44 /-Wind reactions based on MWFRS Brg Width = 4.0Min Rea = 1.5Brg Width = 3.5 Min Req = 1.5 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. 273 - 1862 272 - 1210 C - D 274 - 1462 211 - 1085 D-E 272 - 1210

27'9"8

Cust: R 215 JRef: 1WYc2150007 T26 /

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

SEQN: 332286 /

HIPS

Ply: 1

5'8"13

### Wind

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

Right end vertical not exposed to wind pressure.

# **Additional Notes**

Refer to General Notes for additional information The overall height of this truss excluding overhang is

# Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. 0	Comp.
B - L L - K		- 252 - 253	-		- 172 - 121

# Maximum Web Forces Per Ply (lbs)

vvebs	rens.comp.	vvebs	rens. Comp.
C - K	97 - 407	I - G	949 - 130
D - K	393 - 31	G-H	200 - 1095
J-F	536 - 85		



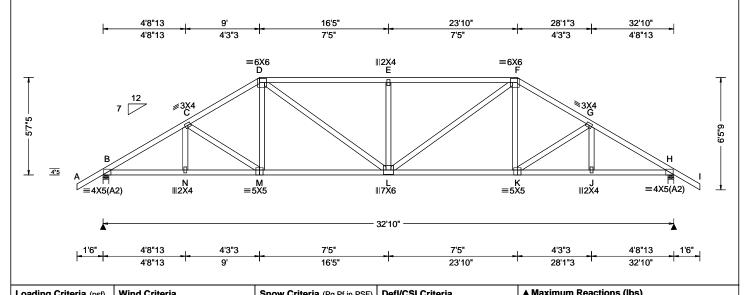
\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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

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

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.

SEQN: 332287 / HIPS Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T12 / FROM: CDM Qty: 1 DrwNo: 246.20.1711.57600 Lot 24 Turkey Run Truss Label: B07 SSB / YK 09/02/2020



Loading Criteria (psf)	wing Criteria	Snow Criteria (Pg,Pf in PSF)	Defi/CSi Criteria	14
TCLL: 20.00	Wind Std: ASCE 7-10	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): 0.122 E 999 240	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.250 E 999 180	le
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.046 J	ŀ
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.094 J	١
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	E
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.672	ŀ
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.781	5
Spacing: 24.0 "	C&C Dist a: 3.28 ft	Rep Fac: Yes	Max Web CSI: 0.281	
-, 3	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: 18.02.01B.0321.08	E
Lumbar	1	ı	1	- (

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

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

# **Additional Notes**

Refer to General Notes for additional information The overall height of this truss excluding overhang is

▲ Ma	▲ Maximum Reactions (Ibs)						
	G	ravity		N	on-Gra	vity	
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
B 1	1467	/-	/-	/814	/61	/123	
H 1	1467	/-	/-	/814	/61	/-	
Wind	l read	ctions b	ased on	MWFRS			
В	Brg V	Vidth =	4.0	Min Re	q = 1.7	7	
H	Brg V	Vidth =	4.0	Min Re	q = 1.	7	
Bear	ings	В&На	are a rigi	d surface.			
Mem	bers	not list	ed have	forces les	s than	375#	
Maxi	mun	Top (	hord F	orces Per	Ply (lb	s)	
Chor	ds 1	Tens.Co	omp.	Chords	Tens.	Comp.	
В-С	;	348 -	2248	E-F	408	- 2132	
J C - E	)	354 -	1989	F-G	353	- 1989	
D - E		408 -	2132	G-H	347	- 2248	

Maximum Bot Chord Forces Per Ply (lbs)						
Chords	Tens.Comp.		Chords	Tens. Comp.		
B - N N - M M - L	1868	- 208 - 208 - 166	L - K K - J J - H	1673 1868 1868	- 172 - 230 - 230	

### Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. D - L 564 564 - 98 - 98 E - L 148 - 503



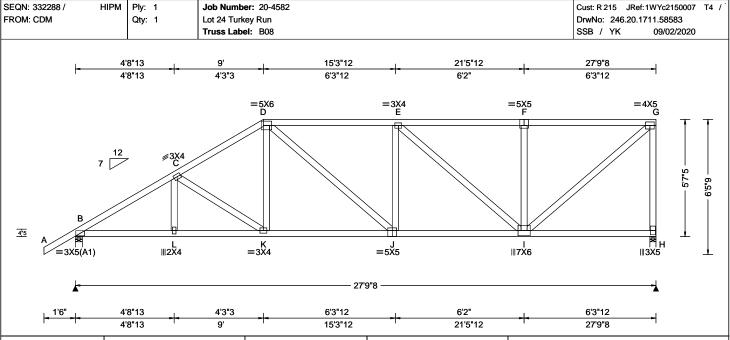
\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

\*\*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 to chord shall have properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, drawings 160A-Z for standard plate positions.

Refer to drawings 160A-Z for standard plate positions.

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.



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	1
TCLL: 20.00	Wind Std: ASCE 7-10	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): 0.068 J 999 240	!
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.140 J 999 180	h
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.025 I	H
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.051 I	١
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Code / Misc Criteria	Creep Factor: 2.0	!
Soffit: 2.00	BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.616	!!
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.654	H
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.679	ľ
	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: 18.02.01B.0321.08	Ш
Lumber				- (

	▲ Max	timu	ım Re	actions	(lbs)		
		G	ravity		N	on-Gra	vity
)	Loc F	₹+	/ R-	/ Rh	/ Rw	/ U	/ RL
)	B 12	267	/-	/-	/722	/44	/118
	H 11	146	/-	/-	/578	/62	/-
	Wind	reac	tions I	oased or	MWFRS		
	B Brg Width = 4.0			Min Re	q = 1.5	5	
	H Brg Width = 3.5			Min Req = 1.5			
	Bearings B & H are a rigid				id surface.		
	Memb	ers	not lis	ted have	forces les	s than	375#
	Maxin	num	Тор	Chord F	orces Per	Ply (lk	s)
	Chord	s T	ens.C	omp.	Chords	Tens.	Comp.
	в-с		261	. 1877	E-F	197	- 1107
	12-9			1597		197	
	D-E		-	1513	. •	.0.	1101

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.

Right end vertical not exposed to wind pressure.

# **Additional Notes**

Refer to General Notes for additional information The overall height of this truss excluding overhang is

waximu	m Bot Cnora	Forces Per	Ply (IDS)
Chords	Tens.Comp.	Chords	Tens. Comp.

B-L 1551 -316 K-J 1330 - 259 L-K 1550 1515 - 275 - 317 J - I

# Maximum Web Forces Per Ply (lbs)

vvebs	Tens.C	omp.	Webs	rens.	Comp.
E-I F-I		- 544 - 431	I - G G - H		- 257 - 1095



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

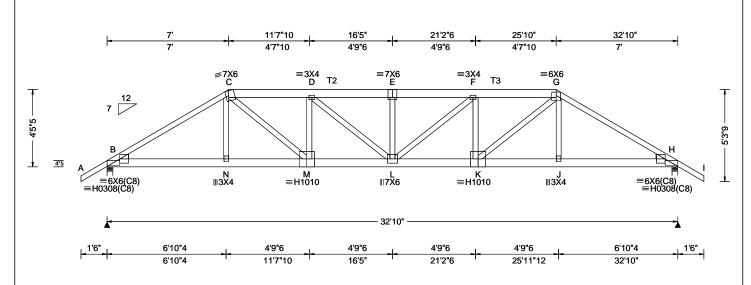
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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 to chord shall have properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, drawings 160A-Z for standard plate positions.

Refer to drawings 160A-Z for standard plate positions.

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.

SEQN: 332289 HIPS Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T3 DrwNo: 246.20.2044.21793 FROM: CDM Qty: 1 Lot 24 Turkey Run Truss Label: B09 / WHK 09/02/2020



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-10	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): 0.240 E 999 240	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.483 E 808 180	lΒ
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.064 J	ŀ
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.129 J	۷
NCBCLL: 0.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	E
Soffit: 2.00	BCDL: 5.0 psf	FBC 2017 RES	Max TC CSI: 0.497	F
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.426	B
Spacing: 24.0 "	C&C Dist a: 3.28 ft	Rep Fac: No	Max Web CSI: 0.909	N
' "	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		"
	GCpi: 0.18	Plate Type(s):		] -
	Wind Duration: 1.60	HS, WAVE	VIEW Ver: 20.01.01A.0724.11	E
Lumber	-	1		- C

▲ Maxim	▲ Maximum Reactions (lbs)								
Gravity Non-Gravity									
Loc R+	/ R-	/ Rh	/ Rw	/ U	/ RL				
B 3244	. /-	/-	/-	/262	/-				
H 3244	. /-	/-	/-	/262					
Wind rea	ctions b	ased on	MWFRS						
B Brg	Width =	4.0	Min Re	q = 2.7	,				
H Brg	Width =	4.0	Min Re	q = 2.7	,				
Bearings	В&На	re a rigio	d surface.						
Members	not liste	ed have	forces less	s than 3	375#				
Maximu	n Top C	hord Fo	orces Per	Ply (lb	s)				
Chords	Tens.Co	mp.	Chords	Tens.	Comp.				
в-с	464 -	5745	E-F	594	- 7375				
C-D		6645		533	- 6645				
D-E	594 -	7375	G - H	464	- 5745				

# Lt Wedge: 2x4 SP #3;Rt Wedge: 2x4 SP #3; **Special Loads**

Webs: 2x4 SP #3;

---(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 63 plf at 32 plf at 63 plf at 32 plf at TC: From 7.00 to 25.83 TC: From 25.83 to 63 plf at 63 plf at 34.33 5 plf at 20 plf at BC: From -1.50 to 5 plf at 0.00 BC: From BC: From 0.00 to 7.03 to 20 plf at 7.03 10 plf at 20 plf at 10 plf at 20 plf at 25.80 BC: From 25.80 to 32.83 BC: From 5 plf at 32.83 to 5 plf at TC: 266 lb Conc. Load at 7.03,25.80 190 lb Conc. Load at 9.06,11.06,13.06,15.06 16.42,17.77,19.77,21.77,23.77 BC: 465 lb Conc. Load at 7.03,25.80 BC: 130 lb Conc. Load at 9.06,11.06,13.06,15.06

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

16.42,17.77,19.77,21.77,23.77

### Wind

Wind loads and reactions based on MWFRS

The overall height of this truss excluding overhang is 4-5-5.



# Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. (	Comp.
B - N	4886	- 383	L-K	6730	- 545
N - M	4865	- 384	K - J	4865	- 384
M - L	6730	- 545	J - H	4886	- 383

# Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
N-C	596 0	L-F	851 - 64
C - M	2385 - 199	F-K	175 - 1189
M - D	175 - 1189	K-G	2385 - 199
D-L	851 - 64	G-J	596 0
E-L	149 - 693		

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

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

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

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



FROM: CDM DrwNo: 246.20.2044.29460 Lot 24 Turkey Run Qty: 1 Truss Label: B10 / WHK 09/02/2020 12'3"4 17'4"12 22'6"4 27'9"8 5'3"4 5'1"8 5'1"8 5'3"4 ≡6X8 H **%7X8** C =3X4 =4X6 =4X4(A4) 4"5 N ⊪3X5  $\equiv ^{M}_{4X5}$ =6X8 \_6X8 ≡H0510 **∥4X6** =4X4(A4) 27'9"8 5'1"8 5'3"4 5'1"8 5'3"4 12'3"4 17'4"12 22'6"4 27'9"8

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	1
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 Criteria Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: B 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	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 2017 RES TPI Std: 2014 Rep Fac: No		
	Loc. from endwall: not in 9.00 ft GCpi: 0.18	FT/RT:20(0)/10(0) Plate Type(s):		Ğ
	GCpi: 0.18	Plate Type(s):		15
	Wind Duration: 1.60	WAVE, HS	VIEW Ver: 20.01.01A.0724.11	] B
Lumber				_

Job Number: 20-4582

▲ Ma	▲ Maximum Reactions (lbs)								
	Gravity Non-Gravity								
Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL			
В :	2615	/-	/-	/-	/212	/-			
1 :	2859	/-	/-	/-	/235	/-			
Wind	d reac	tions bas	sed on	MWFRS					
В	Brg W	/idth = 4	.0	Min Re	q = 2.2	2			
1	Brg W	/idth = 3	.5	Min Re	q = 2.4	ļ			
Bear	rings E	3 & I are	a rigid	l surface.	-				
Men	nbers	not listed	have	forces less	s than 3	375#			
Max	imum	Top Ch	ord F	orces Per	Ply (lb	s)			
Cho	rds T	ens.Con	np.	Chords	Tens.	Comp.			
B - C	•	368 - 49	500	E-F	379	- 4683			
- o		397 - 49		F-G	379	- 4683			
D - F	=	370 - 46	383	G-H	247	- 3044			

Cust: R 215 JRef: 1WYc2150007 T11

# Top chord: 2x6 SP 2400f-2.0E; T1 2x4 SP M-31; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3; W8 2x4 SP #2;

SEQN: 332290

HIPM

Ply: 1

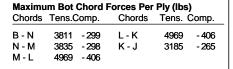
**Special Loads** --(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) 63 plf at 32 plf at 5 plf at TC: From -1.50 to 7.00 to 63 plf at 27.79 32 plf at BC: From -1.50 to 5 plf at 0.00 20 plf at 0.00 to 20 plf at BC: From 7.03 10 plf at 7.03 to 27.79 TC: 266 lb Conc. Load at 7.03 TC: 190 lb Conc. Load at 9.06,11.06,13.06,15.06 17.06,19.06,21.06,23.06,25.06,27.06 BC: 465 lb Conc. Load at 7.03 BC: 130 lb Conc. Load at 9.06,11.06,13.06,15.06

17.06,19.06,21.06,23.06,25.06,27.06

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

### **Additional Notes**

The overall height of this truss excluding overhang is 4-5-5.

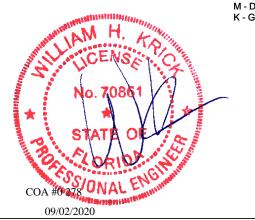


waxiiii	waximum web Forces Fer Fly (lbs)							
Webs	Tens.C	comp.	Webs	Tens.	Comp.			
C - N	658	0	E-K	126	- 588			
C - M	1396	- 126	G - J	253	- 1942			
M - D	128	- 471	J - H	3845	- 311			

H - I

w Web Ferens Der Dir (lbe)

1917 - 146



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

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

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

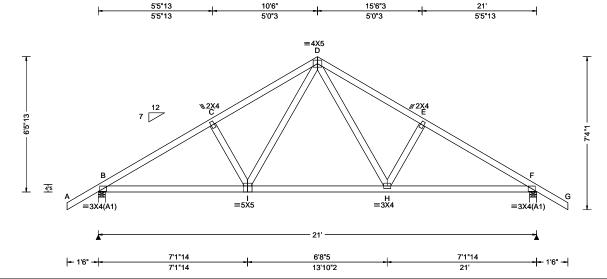
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing,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

For more information see these web sites: Alpine: www.alpineitw.com, TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org



257 - 2675

SEQN: 332291 / COMN Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T36 / FROM: CDM Qty: 6 DrwNo: 246.20.1711.58770 Lot 24 Turkey Run Truss Label: C01 SSB / YK 09/02/2020



Loading Criteria (psf)   Wind Criteria   Snow Criteria (Pg,Pf in P		Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)			
TCLL: 20.00	Wind Std: ASCE 7-10	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): 0.043 H 999 240	Loc R+ /R- /Rh	/Rw /U /RL		
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.082 H 999 180	B 1023 /- /-	/556 /35 /136		
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.018 H	,	/556 /35 /-		
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.034 H	Wind reactions based on MW			
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	B Brg Width = 4.0 N	/lin Req = 1.5		
Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	•	F Brg Width = 4.0 N	/lin Req = 1.5		
Load Duration: 1.25	BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.574	Bearings B & F are a rigid sur			
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.188	Members not listed have force			
Opacing. 24.0		FT/RT:20(0)/10(0)		Maximum Top Chord Force			
	Loc. from endwall: not in 4.50 ft	1 ' ' ' '		Chords Tens.Comp. Cho	ords Tens. Comp.		
	GCpi: 0.18	Plate Type(s):		D 0 400 4440 D	E 000 4000		
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	B - C 168 - 1410 D - C - D 201 - 1258 F -			
				C-D 201-1258 E-	F 167 - 1412		

### Lumber

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.

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

# **Additional Notes**

Refer to General Notes for additional information The overall height of this truss excluding overhang is

# Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.		
B-I	1149	- 54	H-F	1150	- 71	
I-H	783	0				

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

				. o o op.		
I-D	491	- 70	D-H	495	- 69	



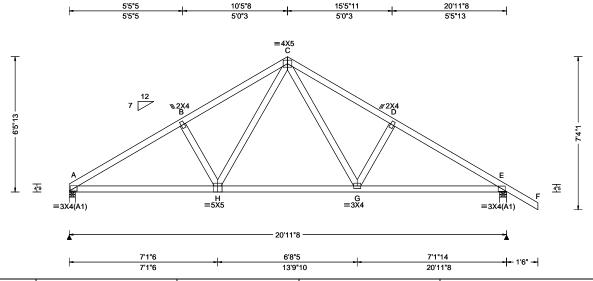
\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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

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

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.

SEQN: 332292 / COMN Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T23 / FROM: CDM DrwNo: 246.20.1711.56883 Qty: 3 Lot 24 Turkey Run Truss Label: C02 SSB / YK 09/02/2020



Loading Criteria (psf) Wind Criteria	Snow Criteria (Pg.	,Pf in PSF)	Defl/CSI Criteria	l		▲ Maxin	num Reac	tions (	lbs)		
TCLL: 20.00 Wind Std: ASCE	7-10 Pg: NA Ct: NA	CAT: NA	PP Deflection in	loc L/c	defl L/#		Gravity			on-Gra	.,
TCDL: 10.00 Speed: 130 mph	Pf: NA	Ce: NA	VERT(LL): 0.042	2 G 9	99 240	Loc R+	/ R-	/Rh	/ Rw	/ U	/ RL
BCLL: 0.00 Enclosure: Closed	d Lu: NA Cs: NA		VERT(CL): 0.081	I G 9	99 180	A 914	/-	/-	/484	/-	/124
BCDL: 10.00 Risk Category: II	Snow Duration: NA	Ą	HORZ(LL): 0.017	7 G		E 102	1 /-	/-	/556	/-	/-
Des Ld: 40.00 EXP: B Kzt: NA	00.6		HORZ(TL): 0.034	1 G		Wind rea	actions bas	sed on	MWFRS		
NCBCLL: 10.00 Mean Height: 15.0	Code / Misc Crite	ria	Creep Factor: 2.0	)		3	Width = 3.	-	Min Re	•	
Soffit: 2.00 BCDL: 5.0 psf	Bldg Code: FBC 2	2017 RES	Max TC CSI: 0.	.268			Width $= 4$ .	-	Min Re		5
Load Duration: 1.25 MWFRS Parallel	Dist: h to 2h TPI Std: 2014		Max BC CSI: 0.	.573			A & E are	_			D75 #
Spacing: 24.0 " C&C Dist a: 3.00	D F V		Max Web CSI: 0.	.191			s not listed <b>m Top Ch</b>				
Loc. from endwall							Tens.Com		Chords	• •	Comp.
GCpi: 0.18	8 Plate Type(s):					Cilolus	16113.0011	ip.	CHOIGS	1 6113.	Comp.
Wind Duration: 1.	60 WAVE		VIEW Ver: 18.02.	.01B.03	321.08	A-B B-C	189 - 14 221 - 13		C-D	209 176	- 1262 - 1414

### Lumber

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.

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

# **Additional Notes**

Refer to General Notes for additional information The overall height of this truss excluding overhang is

### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Tens. Comp. Chords A - H 1161 -82 G - E 1151 - 78 H - G 785 0

### Maximum Web Forces Per Ply (lbs) Tens. Comp. Webs Tens.Comp. Webs H-C C-G 502 492 -68



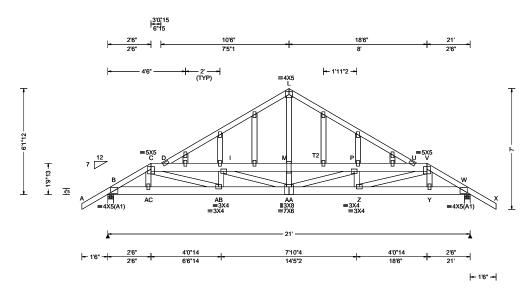
\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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

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

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.

SEQN: 332293 GABL Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T9 FROM: CDM DrwNo: 246.20.2044.26127 Qty: 1 Lot 24 Turkey Run Truss Label: C03 / WHK 09/02/2020



				_
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	
TCLL: 20.00	Wind Std: ASCE 7-10	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): 0.071 R 999 240	)
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.143 R 999 180	,
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.019 E	
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.037 E	
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 2017 RES	Max TC CSI: 0.309	
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.199	
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.350	
opusing. 2 no	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: 20.01.01A.0724.11	٦
Lumber	•	•	<u> </u>	_

		G	avity		Non-Gravity				
	Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL		
	В	1466	/-	/-	/-	/101	/-		
	W	1466	/-	/-	/-	/101	/-		
	Win	d read	ctions bas	sed on	<b>MWFRS</b>				
	В	Brg V	Vidth = 4	.0	Min Re	q = 1.5			
	W	Brg V	Vidth = 4	.0	Min Re	q = 1.5			
	Bea	rings	B & W ar	e a rig	id surface				
	Mer	nbers	not listed	have	forces les	s than 3	75#		
	Max	imun	n Top Ch	ord F	orces Per	Ply (lbs	s)		
	Cho	rds <sup>-</sup>	Tens.Con	np.	Chords	Tens.	Comp.		
1	В-(	С	128 - 2	367	L-U	73	- 1294		
J	C - I	Ď	145 - 20	596	M - P	63	- 1097		
	D - I	L	73 - 12	294	P-U	93	- 1735		
	D - I	l	93 - 17	735	U - V	145	- 2696		
	I - N	1	63 - 10	097	V - W	128	- 2367		

▲ Maximum Reactions (lbs)

# **Special Loads**

--(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) 63 plf at 5 plf at 20 plf at 63 plf at 5 plf at 20 plf at TC: From -1.50 to -1.50 to 22.50 0.00 BC: From BC: From 0.00 to 21.00 5 plf at 21.00 to BC: From 5 plf at TC: 108 lb Conc. Load at 2.53,18.47 TC: 44 lb Conc. Load at 4.50, 6.50, 8.50,10.50 12.50,14.50,16.50 93 lb Conc. Load at 2.53,18.47 39 lb Conc. Load at 4.50, 6.50, 8.50,10.50

Top chord: 2x4 SP #2; T2 2x6 SP 2400f-2.0E; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3;

12.50,14.50,16.50

### **Plating Notes**

All plates are 2X4 except as noted.

Gable end supports 8" max rake overhang. Top chord must not be cut or notched.

Wind loads and reactions based on MWFRS.

See DWGS A14015ENC101014 & GBLLETIN0118 for gable wind bracing and other requirements.

The overall height of this truss excluding overhang is 6-1-12.



Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.C	Comp.	Chords	Tens. (	Comp.
B-AC	2044	- 106	AA- Z	2746	- 155
AC-AB	2037	- 110	Z - Y	2037	- 110
AB-AA	2746	- 155	Y - W	2044	- 106

Maximum Web Forces Per Ply (lbs)

webs	rens.c	omp.	webs	rens. (	Jomp.
C -AB I -AA M -AA	41	- 39 - 707 - 12	AA- P Z - V	41 723	- 707 - 39

### Maximum Gable Forces Per Ply (lbs)

Gables Tens.Comp. 919

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

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

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

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



SEQN: 332294 HIPS Ply: 2 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T2 DrwNo: 246.20.2044.24890 FROM: CDM Qty: 1 Lot 24 Turkey Run Truss Label: D01 / WHK 09/02/2020

10'5'

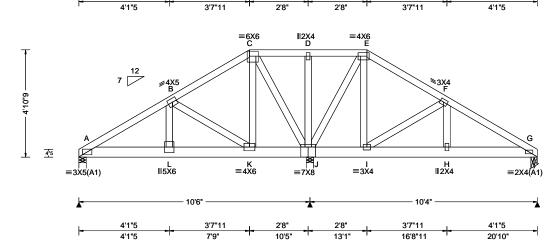
13'1"

16'8"11

20'10"



4'1"5



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	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: B 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): 0.027 L 999 240 VERT(CL): 0.053 L 999 180 HORZ(LL): 0.007 B -	A
Des Ld: 40.00 NCBCLL: 0.00 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: Any GCpi: 0.18 Wind Duration: 1.60	Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	HORZ(TL): 0.014 B	V 4 5 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Lumber	1	1		<u>د</u> د ر

۸N	▲ Maximum Reactions (lbs)							
	G	ravity		No	on-Gra	vity		
Loc	: R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
Α	2698	/-	/-	/32	/-	/-		
J	5035	/-	/-	/165	/-	/-		
G	-	/-275	/-	/-	/35	/-		
Wi	nd read	tions ba	sed on	MWFRS				
Α	Brg V	Vidth = 4	1.0	Min Re	q = 1.5	5		
J	Brg V	Vidth = 4	1.0	Min Re	q = 2.1	1		
G	Brg V	Vidth = 3	3.5	Min Re	$\dot{q} = 1.5$	5		
Bea	arings /	A, J, & C	are a r	igid surfa	ce.			
Ме	mbers	not liste	d have f	orces less	s than	375#		
Ma	ximum	Top C	hord Fo	rces Per	Plv (lb	s)		
				Chords				

### A - B 0 - 1761 D-E 534 0 452 B - C 0 E-F - 488 C-D 534

# **Nailnote**

Nail Schedule:0.128"x3", min. nails Top Chord: 1 Row @12.00" o.c. Bot Chord: 1 Row @ 5.00" o.c. Webs : 1 Row @ 4" o.c.

Use equal spacing between rows and stagger nails

in each row to avoid splitting.

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 0.00 to 63 plf at 63 plf at 20.83 10 plf at 0.00 to 10 plf at BC: From 20 plf at BC: From 20 plf at 9.48 to 20.83

BC: 1135 lb Conc. Load at 1.48, 3.48 BC: 1235 lb Conc. Load at 5.48, 7.48, 9.48

Wind loads and reactions based on MWFRS.

### Additional Notes

Negative reaction(s) of -275# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

The overall height of this truss excluding overhang is 4-10-9.

# Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Co	mp.	Chords	Tens. (	Comp.
A - L	1507	0	K-J	391	0
L-K	1470	0	J - I	0	- 383

### Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.		Webs	Tens. Comp.		
L-B	1230	0	C-K	1669	0	
B-K	0 -	1301	C - J	0	- 1766	



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

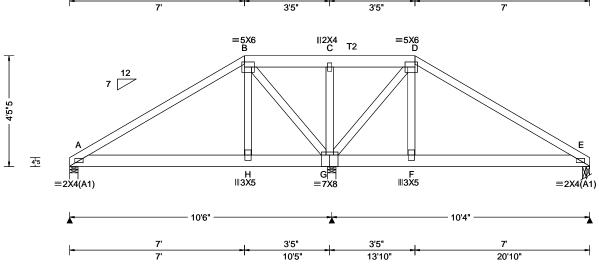
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

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



SEQN: 332295 HIPS Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T16 FROM: CDM Qty: 1 DrwNo: 246.20.2044.23530 Lot 24 Turkey Run Truss Label: D02 / WHK 09/02/2020 10'5' 13'10" 20'10"



	Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	14
	TCLL: 20.00	Wind Std: ASCE 7-10	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 F 999 240	!
	BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.025 F 999 180	1
	BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.008 H	
	Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.016 H	E
	NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	١
	Soffit: 2.00	BCDL: 5.0 psf	FBC 2017 RES	Max TC CSI: 0.702	1
	Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.190	13
	Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.572	ľ
	-, 3	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		Ľ
		GCpi: 0.18	Plate Type(s):		Į,
		Wind Duration: 1.60	WAVE	VIEW Ver: 20.01.01A.0724.11	0
ı				ı	

▲ Maximum Reactions (Ibs)								
	G	ravity		No	on-Grav	/ity		
Loc	: R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
Α	557	/-	/-	/-	/34	/-		
G	2768	/-	/-	/-	/214	/-		
Е	557	/-	/-	/-	/34	/-		
Wir	nd read	tions b	ased on I	MWFRS				
Α	Brg V	Vidth =	4.0	Min Re	q = 1.5	;		
G	Brg V	Vidth =	4.0	Min Re	q = 2.3			
Е	Brg V	Vidth =	3.5	Min Re	q = 1.5	i		
Bea	arings /	A, G, &	E are a r	rigid surfa	ce.			
Ме	mbers	not liste	ed have f	orces less	s than 3	375#		
Ma	ximum	Top C	hord Fo	rces Per	Ply (lb	s)		
Cho	ords T	ens.Co	omp.	Chords	Tens.	Ćomp.		

### Lumber

Top chord: 2x4 SP #2; T2 2x6 SP 2400f-2.0E; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3;

# **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	13.83
TC: From	63 plf at	13.83 to	63 plf at	20.83
BC: From	20 plf at	0.00 to	20 plf at	7.03
BC: From	10 plf at	7.03 to	10 plf at	13.80
BC: From	20 plf at	13.80 to	20 plf at	20.83
TC: 266 lb	Conc. Load	at 7.03,13	.80	
	Conc. Load			
BC: 465 lb	Conc. Load	at 7.03,13	.80	

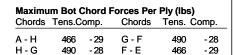
### Wind

Wind loads and reactions based on MWFRS.

BC: 130 lb Conc. Load at 9.06,10.42,11.77

### **Additional Notes**

The overall height of this truss excluding overhang is 4-5-5.



D-E

- 653

60 - 653

A - B

### Maximum Web Forces Per Ply (lbs) Tens. Comp. Webs Webs Tens.Comp. B - H 668 G - D - 1189 0 72 72 - 1189 B - G F-D 668 0 C - G 134 - 654



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

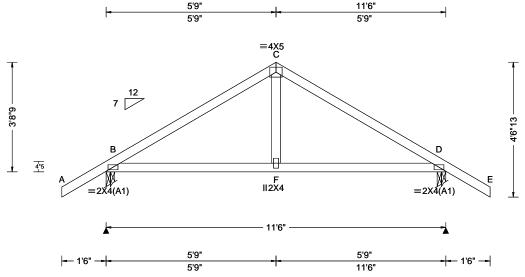
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

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



SEQN: 332296 / COMN Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T14 / FROM: CDM Lot 24 Turkey Run DrwNo: 246.20.1711.59021 Qty: 1 Truss Label: G01 SSB / YK 09/02/2020



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00	Wind Std: ASCE 7-10	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): 0.007 F 999 240	Loc R+ /R- /Rh /Rw /U /RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.014 F 999 180	B 580 /- /- /338 /24 /88
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.003 F	D 580 /- /- /338 /24 /-
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.007 F	Wind reactions based on MWFRS
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	B Brg Width = 3.5 Min Req = 1.5
Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	· •	D Brg Width = 3.5 Min Req = 1.5
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.329	Bearings B & D are a rigid surface.
	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.095	Members not listed have forces less than 375#
Spacing: 24.0 "	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	Wax VVCD OOI. 0.000	Maximum Top Chord Forces Per Ply (lbs)
	Loc. from endwall: Any	Plate Type(s):		Chords Tens.Comp. Chords Tens. Comp.
	GCpi: 0.18		VIEW V 40 00 04B 0004 00	B-C 116 -569 C-D 116 -569
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	15 5 110 500 6-5 110 -309

### Lumber

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

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

# **Additional Notes**

Refer to General Notes for additional information The overall height of this truss excluding overhang is





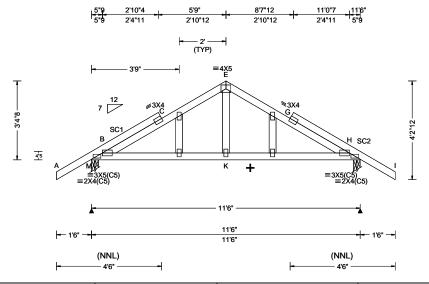
\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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

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



SEQN: 332297 / GABL Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T13 / FROM: CDM DrwNo: 246.20.1711.57444 Qty: 1 Lot 24 Turkey Run Truss Label: G02 SSB / YK 09/02/2020



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 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: B Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 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	Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	VIEW Ver: 18.02.01B.0321.08	
Lumber		<ul> <li>+ Member to be laterally bra</li> </ul>	aced for out of	

<sup>+</sup> Member to be laterally braced for out of plane wind loads

▲ Maximum Reactions (lbs)								
	G	ravity		N	on-Grav	vity		
Loc I	₹+	/ R-	/ Rh	/ Rw	/ U	/ RL		
M 82	24	/-	/-	/447	/246	/133		
H 82	24	/-	/-	/447	/246	/-		
Wind	reac	tions I	oased or	MWFRS				
м в	rg V	Vidth =	3.5	Min Req = 1.5				
н в	rg V	Vidth =	3.5	Min Req = 1.5				
Bearir	ngs I	И&Н	are a rig	id surface.				
Memb	ers	not lis	ted have	forces les	s than 3	375#		
Maxir	num	Тор	Chord F	orces Per	Ply (lb	s)		
Chords Tens.Comp.				Chords	Tens.	Comp.		
B-C		231	- 811	E-G	233	- 726		
C-E		233	- 726	G-H	228	- 811		

### Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Tens. Comp. Chords B - K 626 K-H 626 - 22

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; Stack Chord: SC1 2x4 SP #2;

Stack Chord: SC2 2x4 SP #2;

### **Plating Notes**

All plates are 2X4 except as noted.

### Loading

Truss designed to support 1-6-0 top chord outlookers and cladding load not to exceed 2.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

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

# **Additional Notes**

Refer to General Notes for additional information See DWGS A14015ENC101014 & GBLLETIN0118 for gable wind bracing and other requirements. Stacked top chord must NOT be notched or cut in

area (NNL). Dropped top chord braced at 24" oc intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

The overall height of this truss excluding overhang is 3-4-8.



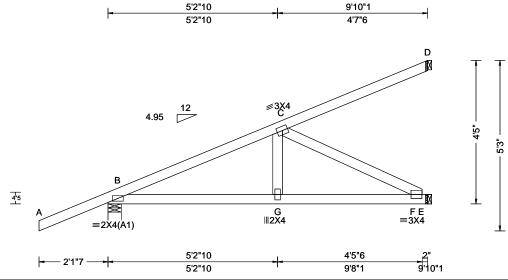
\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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

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



SEQN: 332298 / HIP\_ Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T7 / FROM: CDM DrwNo: 246.20.1711.57725 Qty: 5 Lot 24 Turkey Run Truss Label: HJ1 SSB / YK 09/02/2020



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	1
TCLL: 20.00	Wind Std: ASCE 7-10	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): 0.017 G 999 240	!
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.033 G 999 180	L
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.005 F	E
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.009 F	1
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	١
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.567	E
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.600	ŀ
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Varies by Ld Case	Max Web CSI: 0.319	ľ
-1 3	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		Ľ
	GCpi: 0.18	Plate Type(s):		Į,
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	0
Lumbor				

	۸N	laximu	um Rea	ctions (I	bs)					
#		G	ravity		Non-Gravity					
40	Loc	: R+	/ R-	/ Rh	/ Rw	/U	/ RL			
80	В	370	/-	/-	/-	/129	/-			
-	Е	335	/-	/-	/-	/26	/-			
-	D	76	/-	/-	/-	/6	/-			
	Wii	nd read	ctions b	ased on I	<b>MWFRS</b>					
	В	Brg V	Vidth =	4.9	Min Req = 1.5					
			Vidth =		Min Req = -					
	D	Brg V	Vidth =	1.5	Min Re	q = -				
	Bea	aring B	is a rig	jid surface	Э.					
	Ме	mbers	not list	ed have fo	orces less	s than 3	375#			
	Ma	ximun	Top (	Chord Fo	rces Per	Ply (lb	s)			
}	Ch	ords 1	Tens.Co	omp.		• •	•			

108 - 613

Chords Tens.Comp.

573

Tens.Comp.

84 - 634

Maximum Bot Chord Forces Per Ply (lbs)

Maximum Web Forces Per Ply (lbs)

G-F

Chords Tens. Comp.

564

- 75

B - C

B - G

Webs

C-F

### Lumber

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

### **Special Loads**

(Lumber	Dur.Fac.=1.	25 / Plate D	or.Fac.=1.2	5)
TC: From	0 plf at		62 plf at	0.00
TC: From	2 plf at	0.00 to	2 plf at	9.84
BC: From	0 plf at	-2.12 to	4 plf at	0.00
BC: From	2 plf at	0.00 to	2 plf at	9.84
TC: -47 lb	Conc. Load	at 1.38	•	
TC: 124 lb	Conc. Load	at 4.21		
TC: 257 lb	Conc. Load	at 7.03		
BC: 8 lb	Conc. Load	at 1.38		
BC: 98 lb	Conc. Load	at 4.21		
BC: 179 lb	Conc. Load	at 7.03		

### Wind

Wind loads and reactions based on MWFRS.

### **Additional Notes**

Refer to General Notes for additional information The overall height of this truss excluding overhang is 4-5-0.

Provide (3) 16d common 0.162"x3.5", toe-nails at TC. Provide (3) 16d common 0.162"x3.5", toe-nails at BC.



09/02/2020

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

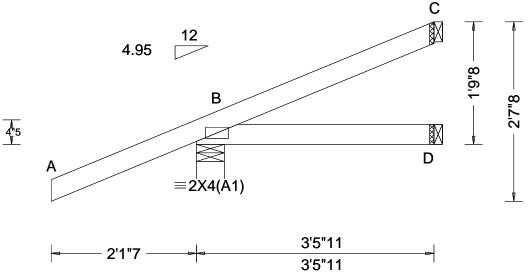
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

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.

6750 Forum Drive Suite 305 Orlando FL, 32821

SEQN: 332299 / HIP\_ Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T5 / FROM: CDM Lot 24 Turkey Run DrwNo: 246.20.1711.58505 Qty: 2 Truss Label: HJ2 SSB / YK 09/02/2020



			• • • • • • • • • • • • • • • • • • • •					
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)		▲ Maximum Reactions (Ib	•			
TCLL: 20.00	Wind Std: ASCE 7-10	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): NA	Loc R+ /R- /Rh	/Rw /U /RL			
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	B 339 /- /-	/206 /24 /44			
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 D	D 54 /- /-	/40 /- /-			
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.002 D	C 64 /- /-	/26 /12 /-			
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	Wind reactions based on MWFRS				
Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.487	B Brg Width = 4.9	Min Req = 1.5			
Load Duration: 1.25	BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.140	D Brg Width = 1.5 Min Req = -				
		Rep Fac: Yes	Max Web CSI: 0.000	C Brg Width = 1.5	Min Req = -			
Spacing: 24.0 "	C&C Dist a: 3.00 ft	· •	Wax Web Col. 0.000	Bearing B is a rigid surface	-			
	Loc. from endwall: Any	FT/RT:20(0)/10(0)		Members not listed have for	rces less than 375#			
GCpi: 0.18		Plate Type(s):		4				
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	1				

### Lumber

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

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

### Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



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

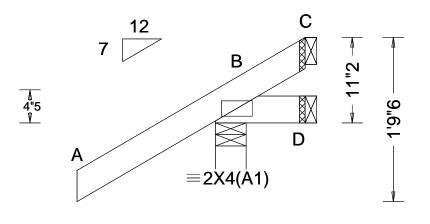
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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 rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, drawings 160A-Z for standard plate positions.

Refer to distance of the standard plate positions.



SEQN: 332300 / **JACK** Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T37 FROM: CDM Qty: 10 DrwNo: 246.20.1711.58022 Lot 24 Turkey Run Truss Label: J01 SSB / YK 09/02/2020





Loading Criteria (psf) Wind C	riteria S	Snow Criteria (Pg,F	of in PSF)	Defl/CSI Criteria	1		▲ Ma	ximu	ım Read	tions (I	bs)		
TCLL: 20.00 Wind St	td: ASCE 7-10 F	Pg: NA Ct: NA	CAT: NA	PP Deflection in	loc L/defl L	/#			ravity			on-Gra	.,
TCDL: 10.00 Speed:	130 mph F	Pf: NA	Ce: NA	VERT(LL): NA			Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
DOLL. 0.00   1.11		Lu: NA Cs: NA		VERT(CL): NA			В 2	259	/-	/-	/175	/29	/27
I DCDL. IU.UU I		Snow Duration: NA		HORZ(LL): -0.000	D -	-	D 4		/-18	/-	/11	/13	/-
Dec   d · 40 00	Kzt: NA			HORZ(TL): 0.001	ID -	-	С -		/-59	/-	/20	/49	/-
NCBCLL: 10.00   Mean H	leight: 15.00 ft	Code / Misc Criteri	ia	Creep Factor: 2.0	)		Wind reactions based on MWFRS						
Soffit: 2.00 BCDL:		Bldg Code: FBC 2017 RES		Max TC CSI: 0.	.182		B Brg Width = 4.0 Min Req = 1			•			
1	S Parallel Dist: 0 to h/2	TPI Std: 2014		Max BC CSI: 0.	.022		D Brg Width = 1.5 C Brg Width = 1.5				Min Re		
		Rep Fac: Yes		Max Web CSI: 0.	.000	U  3				dth = 1.5 Min Req = - s a rigid surface.			
Loc. from endwall: Any GCpi: 0.18		FT/RT:20(0)/10(0)					Members not listed have forces less than 375			375#			
		Plate Type(s):					- Individual individua						
Wind D	uration: 1.60 V	WAVE		VIEW Ver: 18.02.	.01B.0321.0	8							

### Lumber

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

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

### Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



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

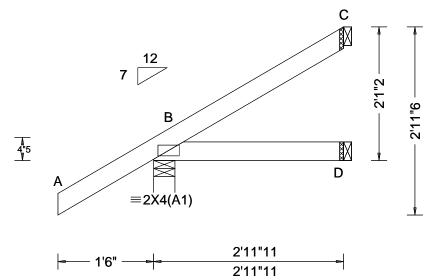
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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 to chord shall have properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, drawings 160A-Z for standard plate positions.

Refer to drawings 160A-Z for standard plate positions.



SEQN: 332301 / **JACK** Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T17 / FROM: CDM Lot 24 Turkey Run DrwNo: 246.20.1711.58396 Qty: 10 Truss Label: J02 SSB / YK 09/02/2020



Landing Oritoria ( o Mind Oritoria	C C-iti- (D. D(: DOE)	Defilosi Ocitacia	A Maximum Pagations (III	
Coading Criteria (psf)   Wind Criteria	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.000 D HORZ(TL): 0.001 D Creep Factor: 2.0	A Maximum Reactions (II Gravity Loc R+ /R- /Rh  B 264 /- /- D 49 /- /- C 62 /- /- Wind reactions based on M B Brg Width = 4.0 D Brg Width = 1.5 C Brg Width = 1.5 Bearing B is a rigid surface Members not listed have fe	Non-Gravity / Rw / U / RL  /169 /9 /50 /34 /- /- /26 /14 /-  WWFRS Min Req = 1.5 Min Req = - Min Req = - e.
GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE	VIEW Ver: 18.02.01B.0321.08	- Wembers not listed have it	nces less than 57 0#

### Lumber

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

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

### Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



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

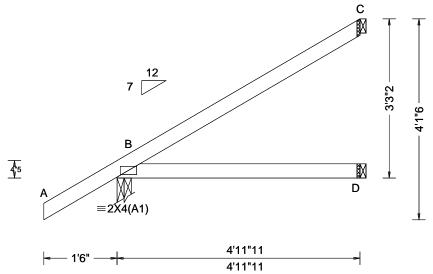
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

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.

6750 Forum Drive Suite 305 Orlando FL, 32821

SEQN: 332302 / **JACK** Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T10 / FROM: CDM Qty: 10 DrwNo: 246.20.1711.56742 Lot 24 Turkey Run Truss Label: J03 SSB / YK 09/02/2020



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (Ib	os)
TCLL: 20.00	Wind Std: ASCE 7-10	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 334 /- /-	/210 /2 /73
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.004 D	D 90 /- /-	/58 /- /-
Des Ld: 40.00	EXP: B Kzt: NA		HORZ(TL): 0.008 D	C 129 /- /-	/60 /28 /-
NCBCLL: 10.00	Mean Height: 15.00 ft	Code / Misc Criteria	Creep Factor: 2.0	Wind reactions based on M	/WFRS
Soffit: 2.00	TCDL: 5.0 psf	Bldg Code: FBC 2017 RES	Max TC CSI: 0.314	B Brg Width = 3.5	Min Req = 1.5
Load Duration: 1.25	BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.248	D Brg Width = 1.5	Min Req = -
		Rep Fac: Yes	Max Web CSI: 0.000	C Brg Width = 1.5	Min Req = -
Spacing. 24.0	Spacing: 24.0 " C&C Dist a: 3.00 ft		Max VVOD CCI. 0.000	Bearing B is a rigid surface	
	Loc. from endwall: not in 4.50 ft GCpi: 0.18	FT/RT:20(0)/10(0) Plate Type(s):		Members not listed have for	rces less than 375#
	1		\(\( \text{IF\}\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1	
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08		

### Lumber

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

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

### Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



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

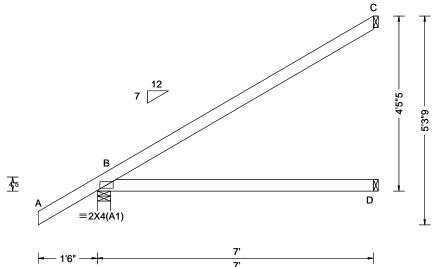
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

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.

6750 Forum Drive Suite 305 Orlando FL, 32821

SEQN: 332303 / **EJAC** Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T30 / FROM: CDM Lot 24 Turkey Run Qty: 27 DrwNo: 246.20.1711.58334 Truss Label: J04 SSB / YK 09/02/2020



			•		
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)	
Coding Criteria (psf)	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: B 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	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.014 D HORZ(TL): 0.027 D Creep Factor: 2.0	A Maximum Reactions (lbs)  Gravity  Non-Gravity  Loc R+ /R- /Rh /Rw /U /R  B 412 /- /- /257 /- /96  D 130 /- /- /83 /- /-  C 190 /- /- /91 /41 /-  Wind reactions based on MWFRS  B Brg Width = 4.0 Min Req = 1.5  D Brg Width = 1.5 Min Req = -  C Brg Width = 1.5 Min Req = -  Bearing B is a rigid surface.	RL
	Loc. from endwall: not in 4.50 ft GCpi: 0.18	FT/RT:20(0)/10(0) Plate Type(s):		Members not listed have forces less than 375#	#
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	]	

### Lumber

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

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

### Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



09/02/2020

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

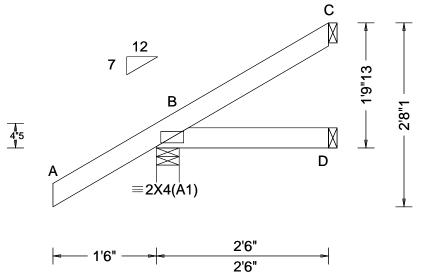
\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

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.



SEQN: 332304 / **EJAC** Ply: 1 Job Number: 20-4582 Cust: R 215 JRef: 1WYc2150007 T8 / FROM: CDM DrwNo: 246.20.1711.58084 Qty: 9 Lot 24 Turkey Run Truss Label: J05 SSB / YK 09/02/2020



Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00	Wind Criteria Wind Std: ASCE 7-10 Speed: 130 mph	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA	▲ Maximum Re Gravity Loc R+ / R-
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: B 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 GCDi: 0.18	Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	VERT(CL): NA HORZ(LL): 0.000 D HORZ(TL): 0.001 D Creep Factor: 2.0 Max TC CSI: 0.182 Max BC CSI: 0.044 Max Web CSI: 0.000	B 251 /- D 39 /- C 44 /- Wind reactions B Brg Width = D Brg Width = C Brg Width = Bearing B is a ri Members not lis
	Wind Duration: 1.60	WAVE	VIEW Ver: 18.02.01B.0321.08	

### Reactions (lbs) Non-Gravity /Rh /Rw /U /RL /162 /45 /-/29 /22 s based on MWFRS = 4.0Min Req = 1.5 Min Req = -= 1.5= 1.5 Min Req = rigid surface. listed have forces less than 375#

### Lumber

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

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

### Additional Notes

Refer to General Notes for additional information The overall height of this truss excluding overhang is

Provide (2) 16d common 0.162"x3.5", toe-nails at TC. Provide (2) 16d common 0.162"x3.5", toe-nails at BC.



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

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

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

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.



# Gable Stud Reinforcement Detail

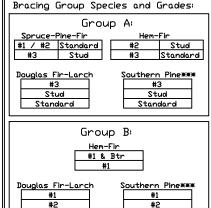
ASCE 7-10: 140 mph Wind Speed, 15' Mean Height, Enclosed, Exposure C, Kzt = 1.00

Dr: 120 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00

Dr: 120 mph Wind Speed, 15' Mean Height, Enclosed, Exposure D, Kzt = 1.00

Or: 100 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure D. Kzt = 1.00

Live 100 Hpri wind Speed, 10 Heart Height, har daily Enclosed, Exposure 15, K20 = 100						<u> </u>								
		2×4 · Vertica	Brace	No	(1) 1×4 *L	" Brace *	(1) 2×4 "L	" Brace *	(2) 2×4 *L	" Brace **	(1) 2×6 *L	" Brace *	(2) 2x6 L	"Brace **
	Spacing	Species	Grade	Braces	Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B
†		SPF	#1 / #2	4′ 3″	7′ 3″	7′ 7 <b>″</b>	8′ 7 <b>″</b>	8′ 11 <b>″</b>	10′ 3″	10′ 8 <b>″</b>	13′ 6″	14′ 0″	14′ 0″	14′ 0″
'o	;;	12LL	#3	4′ 1″	6′ 7″	7′ 1″	8′ 6 <b>″</b>	8′ 10 <b>″</b>	10′ 1″	10′ 6 <b>″</b>	13′ 4″	13′ 10″	14′ 0″	14′ 0″
	ا ک	HF	Stud	4′ 1″	6′ 7″	7′ 0″	8′ 6 <b>″</b>	8′ 10 <b>″</b>	10′ 1″	10′ 6 <b>″</b>	13′ 4″	13′ 10″	14′ 0″	14′ 0″
<		1 11	Standard	4′ 1″	5′ 8″	6′ 0 <b>″</b>	7′ 7″	8′ 1 <b>″</b>	10′ 1″	10′ 6″	11′ 10″	12′ 8″	14′ 0″	14′ 0″
ا م			#1	4′ 6″	7′ 4″	7′ 8″	8′ 8 <b>″</b>	9′ 0″	10′ 4″	10′ 9 <b>″</b>	13′ 8″	14′ 0″	14′ 0″	14′ 0″
	*	SP	#2	4′ 3″	7′ 3″	7′ 7″	8′ 7 <b>″</b>	8′ 11 <b>″</b>	10′ 3″	10′ 8 <b>″</b>	13′ 6″	14′ 0″	14′ 0″	14′ 0″
	4	L	#3	4′ 2″	6′ 0″	6′ 4″	7′ 11″	8′ 6 <b>″</b>	10′ 2″	10′ 7″	12′ 5 <b>″</b>	13′ 4″	14′ 0″	14′ 0″
g	N	IDFL	Stud	4′ 2″	6′ 0″	6′ 4″	7′ 11″	8′ 6 <b>″</b>	10′ 2″	10′ 7″	12′ 5 <b>″</b>	13′ 4″	14′ 0″	14′ 0″
			Standard	4′ 0″	5′ 3″	5′ 7 <b>″</b>	7′ 0 <b>″</b>	7′ 6″	9′ 6″	10′ 2 <b>″</b>	11′ 0″	11′ 10″	14′ 0″	14′ 0″
-∪		SPF	#1 / #2	4′ 11″	8′ 4″	8′ 8 <b>″</b>	9′ 10″	10′ 3″	11′ 8″	12′ 2″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
;;	l . <del>.</del>		#3	4′ 8″	8′ 1″	8′ 8 <b>″</b>	9′ 8″	10′ 1″	11′ 7″	12′ 1″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
	o V	HF	Stud	4′ 8″	8′ 1″	8′ 6″	9′ 8″	10′ 1″	11′ 7″	12′ 1″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
ا ض	ا آ	1 11	Standard	4′ 8″	6′ 11 <b>″</b>	7′ 5 <b>″</b>	9′ 3 <b>″</b>	9′ 11″	11′ 7″	12′ 1″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
			#1	5′ 1 <b>″</b>	8′ 5 <b>″</b>	8′ 9 <b>″</b>	9′ 11″	10′ 4″	11′ 10″	12′ 4″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
/	*	SP	#2	4' 11"	8′ 4″	8′ 8 <b>″</b>	9′ 10 <b>″</b>	10′ 3 <b>″</b>	11′ 8″	12′ 2 <b>′</b>	14′ 0″	14′ 0″	14′ 0″	14′ 0″
	Ú.	L	#3	4′ 9″	7′ 4″	7′ 9″	9′ 9″	10′ 2″	11′ 8″	12′ 1″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
W	<del>  [</del>	DFL	Stud	4′ 9″	7′ 4″	7′ 9 <b>″</b>	9′ 9″	10′ 2″	11′ 8″	12′ 1″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
\d			Standard	4′ 8″	6′ 5″	6′ 10 <b>″</b>	8′ 7 <b>″</b>	9′ 2″	11′ 7″	12′ 1″	13′ 6″	14′ 0″	14′ 0″	14′ 0″
		SPF	#1 / #2	5′ 5″	9′ 2″	9′ 6″	10′ 10 <b>″</b>	11′ 3″	11′ 8″	13′ 5 <b>″</b>	14′ 0″	14′ 0″	14′ 0″	14′ 0″
[ 선	l . <del>.</del>	722	#3	5′ 1′	9′ 0″	9′ 4″	10′ 8″	11′ 1″	12′ 9″	13′ 3″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
0	Ų	HF	Stud	5′ 1 <b>″</b>	9′ 0″	9′ 4″	10′ 8″	11′ 1″	12′ 9″	13′ 3″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
	Ιō	1 11	Standard	5′ 1 <b>″</b>	8′ 0″	8′ 6 <b>″</b>	10′ 8″	11′ 1″	12′ 9″	13′ 3″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
$   \times  $			#1	5′ 8″	9′ 3″	9′ 8″	10′ 11″	11′ 4″	13′ 0″	13′ 6″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
d		SP	#2	5′ 5″	9′ 2″	9′ 6″	10′ 10″	11′ 3″	12′ 11″	13′ 5″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
ľΣ	ù	l	#3	5′ 3″	8′ 5″	9′ 0″	10′ 9″	11′ 2″	12′ 10″	13′ 4″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
	1,	DFL	Stud	5′ 3 <b>″</b>	8′ 5 <b>″</b>	9′ 0″	10′ 9″	11′ 2″	12′ 10 <b>″</b>	13′ 4″	14′ 0″	14′ 0″	14′ 0″	14′ 0″
			Standard	5′ 1 <b>″</b>	7′ 5″	7′ 11″	9' 11"	10′ 7″	12′ 9 <b>′</b>	13′ 3″	14′ 0″	14′ 0″	14′ 0″	14′ 0″



1x4 Braces shall be SRB (Stress-Rated Board) \*\*For 1x4 So. Pine use only Industrial 55 or Industrial 45 Stress-Rated Boards, Group B values may be used with these grades.

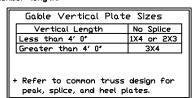
Gable Truss Detail Notes: Wind Load deflection criterion is L/240.

Provide uplift connections for 55 plf over continuous bearing (5 psf TC Dead Load).

Gable end supports load from 4' 0" outlookers with 2' 0" overhang, or 12" plywood overhang.

Attach "L" braces with 10d (0.128"x3.0" min) nails. \* For (1) "L" brace: space nails at 2" o.c. in 18" end zones and 4" o.c. between zones. ₩¥For (2) "L" braces: space nails at 3" o.c. in 18" end zones and 6" o.c. between zones.

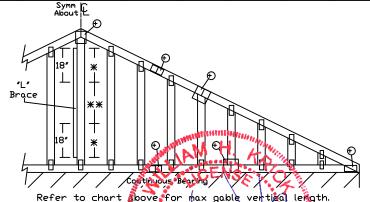
"L" bracing must be a minimum of 80% of web member length.



Refer to the Building Designer for conditions not addressed by this detail.

ASCE7-10-GAB14015

### Gable Truss Diagonal brace option: vertical length may be doubled when diagonal brace is used. Connect diagonal brace for 450# at each end. Max web total length is 14'. 2x4 DF-L #2 or better diagonal brace; single Vertical length shown or double cut in table above. (as shown) at upper end. Connect diagonal at midpoint of vertical web.



\*\*\*VARNINGI\*\*\* READ AND FOLLOW ALL NOTES ON THIS DRAVINGI
\*\*\*\*IMPORTANT\*\*\* FURNISH THIS DRAVING 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 botton chord shall have a properly attached rigid celling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to early a formation of the shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to early a formation of the shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to early a formation of the shall have been been also because the shall have been and plate and the shall be applicable. Apply plates to early a proper to the shall be a provided by the provided by the provided by the shall be a provided by the provided by Refer to drawings 160A-Z for standard plate positions.

Alpine, a division of TTV 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 & 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 this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.org; ICC: www.iccsafe.org

DATE 10/01/14 DRWG A14015ENC101014 MAX, TOT, LD, 60 PSF ...09/02/2020 COA #0 278 MAX. SPACING 24.0"

514 Earth City Expressway Suite 242 Earth City, MO 63045

# 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-reinforcement or scab reinforcement.

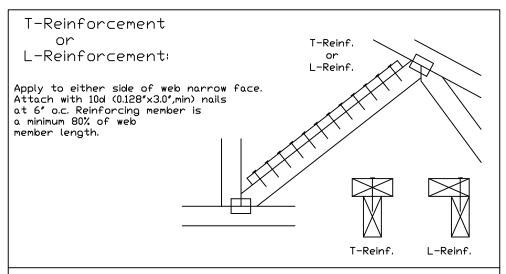
Alternative reinforcement specified in chart below may be conservative. For minimum alternative reinforcement, re-run design with appropriate reinforcement type.

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(*)		
2×8 1 row		2x6	1-2×8		
2×8 2 rows		2x6	2-2×6( <del>*)</del>		

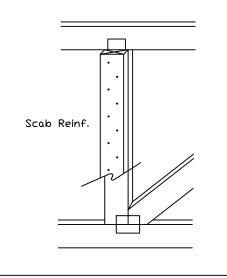
T-reinforcement, L-reinforcement, or scab reinforcement to be same species and grade or better than web member unless specified otherwise on Engineer's sealed design.

(\*\*) 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) nalls at 6" o.c. Reinforcing member is a minimum 80% of web member length.



MMVARNINGMM READ AND FOLLOW ALL NOTES ON THIS DRAWING MMIMPORTANTEM FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

Trusses require extreme care in fabricating, handling, shipping, installing and macing. Refer to and follow the latest edition of BCSI (Buldling Component Safety Information, by FPI 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 bot on choice shall have a properly attached rigid celling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each of truss and position as shown above and on the Joint Details, unless noted otherwise.

Refer to drawings 160A-Z for standard plate positions.

Albine, a division of ITV Buldling Components Group Inc. shall not be responsible for any deviation for

Alpine, a division of ITV Building Components Group Inc. shall not be responsible for any deviation of this drawing, any follure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & 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 this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.org; ICC: www.iccsafe.org

STATA OF CORIDARY OF THE STATE OF THE STATE

F6 LL	PSF	REF	CLR Subst.
TC DL	PSF	DATE	01/02/19
BC DL	PSF	DRWG	BRCLBSUB0119
BC LL	PSF		
TOT. LD.	PSF		
		Į.	
DUR. FAC.			
		1	

SPACING

4LPINE AN ITW COMPANY

514 Earth City Expressway Suite 242 Earth City, MO 63045

# Gable Truss Plate Sizes Refer to appropriate Alpine gable detail for minimum plate sizes for vertical studs. Refer to Engineered truss design for peak, splice, web, and heel plates. If gable vertical plates overlap, use a single plate that covers the total area of the overlapped plates to span the web. Example: 2X4 2X8

Provide connections for uplift specified on the engineered truss design.

Attach each "T" reinforcing member with

End Driven Nails:

10d Common (0.148"x 3.", min) Nails at 4" o.c. plus

(4) nails in the top and bottom chords.

### Toensiled Noils:

10d Common (0.148"x3",min) Toenalls at 4" o.c. plus

(4) toenalls in the top and bottom chords.

This detail to be used with the appropriate Alpine gable detail for ASCE wind load.

ASCE 7-05 Gable Detail Drawings

A13015051014, A12015051014, A11015051014, A10015051014, A14015051014, A13030051014, A12030051014, A11030051014, A10030051014, A14030051014

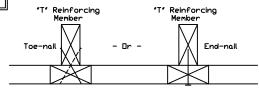
ASCE 7-10 & ASCE 7-16 Gable Detail Drawings

A11515ENC100118, A12015ENC100118, A14015ENC100118, A16015ENC100118, A18015ENC100118, A20015ENC100118, A20015ENC100118, A20015ENC100118, A20015ENC100118, A1530ENC100118, A12030ENC100118, A14030ENC100118, A16030ENC100118, A18030ENC100118, A20030ENC100118, A20030ENC100118, A20030ENC100118, A20030ENC100118, S16015ENC100118, S16015E

\$18015ENC100118, \$20015ENC100118, \$20015END100118, \$20015P2D100118, \$11530ENC100118, \$12030ENC100118, \$14030ENC100118, \$14030

See appropriate Alpine gable detail for maximin upreliferced gable vertical length

### "T" Reinforcement Attachment Detail



To convert from "L" to "T" reinforcing members, multiply "T" increase by length (based on appropriate Alpine gable detail).

Maximum allowable "T" reinforced gable vertical length is 14' from top to bottom chord.

"T" reinforcing member material must match size, specie, and grade of the "L" reinforcing member.

### Web Length Increase w/ "T" Brace

"T" Reinf.	"T"
Mbr. Size	Increase
2×4	30 %
2x6	20 %

### Example:

ASCE 7-10 Wind Speed = 120 mph Mean Roof Height = 30 ft, Kzt = 1.00 Gable Vertical = 24°o.c. SP #3 "T" Reinforcing Member Size = 2x4

"T" Brace Increase (From Above) = 30% = 1.30 (1) 2x4 "L" Brace Length = 8' 7"

Maximum "T" Reinforced Gable Vertical Length  $1.30 \times 8'$  7" = 11' 2"

### \*\*\*WARNINGI\*\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWINGI \*\*\*IMPORTANT\*\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

Trusses require extreme care in fabricating, shipping, installing and moracing. Refer to and follow the latest edition of BCSI (Building Component Safety information, by FPI and SBCA) for screety 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 bot on chord shall have a properly attached rigid celling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or BIO, as applicable. Apply plates to each of truss and position as shown above and on the Joint Details, unless noted otherwise.

Refer to drawings 160A-Z for standard plate positions.

Alpine, a division of ITV Building Components Group Inc. shall not be responsible for any deviation of its drawing, any fallure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & 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.

STATE OF STATE OF 102/2020

REF LET-IN VERT
DATE 01/02/2018
DRWG GBLLETIN0118

MAX. TOT. LD. 60 PSF DUR. FAC. ANY MAX. SPACING 24.0"

ALPINE RANTWOOMPANY

Rigid Sheathing

Ceiling

4 Nails

Nails

Spaced At

4 Nails

Reinforcing Member

Gable

Truss

514 Earth City Expressway Suite 242 Earth City, MO 63045