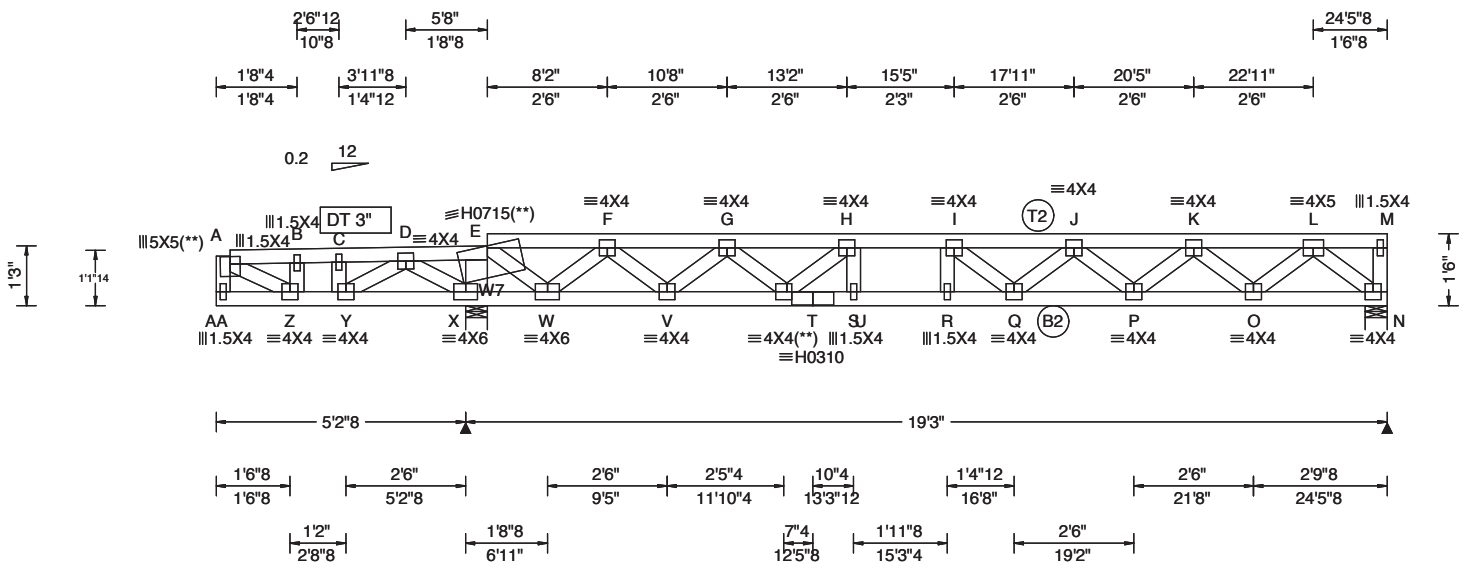
SEQN: 57902 / T191 / FLAT FROM:	Ply: 1 Qty: 6 Wgt: 130.9 lbs	**Job Number:** exmaple job **Truss Label:** F1014	DRW: ... / ... 07/16/2020



Loading Criteria (psf)
TCLL: 40.00
TCDL: 17.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 67.00
NCBCLL: 0.00 Soffit: 0.00
Load Duration: 1.00
Spacing: 24.0 "

Wind Criteria
Wind Std: NA Speed: NA mph
Enclosure: NA Category: NA
TCDL: NA psf BCDL: NA psf EXP: NA
Mean Height: NA ft Kzt: NA
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

Snow Criteria
(Pg,Pf in PSF)
Pg: NA Ct: NA
Pf: NA
CAT: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Fac: No
FT/RT:10(0)/5(0)
Plate Type:
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#	
VERT(LL): 0.261	R	883	480	Max TC CSI: 0.710
VERT(CL): 0.466	R	495	360	Max BC CSI: 0.679
HORZ(LL): 0.040	F	-	-	Max Web CSI: 0.860
HORZ(TL): 0.074	F	-	-	Creep Factor: 2.0

Mfg Specified Camber:

VIEW Ver: 18.02.01A.0205.22

Lumber
Top chord: 2x4 SP 2400f-2.0E; T2 2x4 SP #2;
Bot chord: 2x4 SP 2400f-2.0E;
B2 2x4 SP SS Dense;
Webs: 2x4 SP #3; W7 2x6 SP #2;

Special Loads
------(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

TC: From	160 plf at	0.00 to	160 plf at	5.37
TC: From	114 plf at	5.37 to	114 plf at	24.17
BC: From	20 plf at	-0.29 to	20 plf at	24.17

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

Additional Notes
See detail STRBRIBR1014 for bracing and bridging recommendations.

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
X	2316	/-	/-	/-	/-	/-
N	1251	/-	/-	/-	/-	/-

X Brg Width = 5.5 Min Req = 1.5
N Brg Width = 5.5 Min Req = 1.5
Bearings X & N are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	355	0	G - H	0	-4156
B - C	353	0	H - I	0	-4677
C - D	420	0	I - J	0	-4571
D - E	2100	0	J - K	0	-3830
E - F	1043	-1096	K - L	0	-2382
F - G	11	-2948	L - M	0	-7

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AA- Z	5	0	T - S	4657	0
Z - Y	0	-348	S - R	4677	0
Y - X	0	-1212	R - Q	4689	0
X - W	0	-1736	Q - P	4358	0
W - V	2155	-443	P - O	3254	0
V - U	3686	0	O - N	1458	0
U - T	4657	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A -AA	63	0	U - H	0	-1057
A - Z	0	-386	H - S	439	-3
Z - B	30	0	R - I	66	-374
C - Y	0	-439	I - Q	362	-317
Y - D	993	0	Q - J	346	-53
D - X	0	-1096	J - P	0	-735
X - E	0	-1720	P - K	801	0
E - W	1806	0	K - O	0	-1213
W - F	0	-1679	O - L	1286	0
F - V	1203	0	L - N	0	-1844
V - G	0	-1125	M - N	0	-81
G - U	844	0			

****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.**

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.com; ICC: www.iccsafe.org

PANEL TRUSS
THE RIGHT TRUSS, THE RIGHT PEOPLE