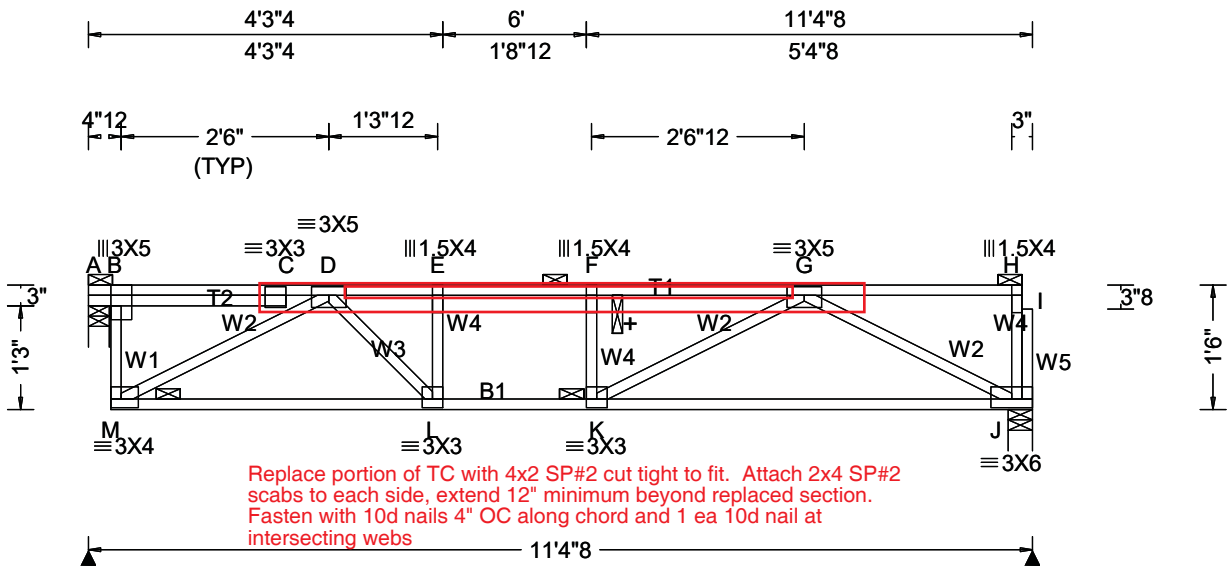
SEQN: 139083 / T202 / SY42 FROM:	Ply: 1 Qty: 15 Wgt: 67.2 lbs	**Job Number:** 1615018-4-L2 The Lofts at Canterbury FLOOR **Truss Label:** F207	DRW: ... / ... 07/10/2024



Loading Criteria (psf)
TCLL: 40.00
TCDL: 17.00
BCLL: 0.00
BCDL: 8.00
Des Ld: 65.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.00
Spacing: 24.0 "

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

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:
IBC 2012
TPI Std: 2007
Rep Fac: Yes
FT/RT:12(0)/0(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.117	F	999	360
VERT(TL): 0.251	F	526	240
HORZ(LL): 0.015	J	-	-
HORZ(TL): 0.038	J	-	-

Creep Factor: 1.5
Max TC CSI: 0.997
Max BC CSI: 0.720
Max Web CSI: 0.362
Mfg Specified Camber:

VIEW Ver: 16.02.01.1215.14

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	727	/-	/-	/-	/-	/-
J	733	/-	/-	/-	/-	/-

A Brg Wid = 3.0 Min Req = 1.5
J Brg Wid = 3.5 Min Req = 1.5
Bearings A & J are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	0	E - F	0	-1414
B - C	20	0	F - G	0	-1406
C - D	46	0	G - H	1	0
D - E	0	-1403			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
M - L	1120	0	K - J	1029	0
L - K	1414	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
M - B	618	0	K - G	507	0
M - D	0	-1286	G - J	0	-1176
D - L	533	0	H - J	0	-115
L - E	0	-293	J - I	0	-12
F - K	0	-170			

Lumber

Value Set: 13B (Effective 6/1/2013)

Top chord: 4x2 SP #2;
Bot chord: 4x2 SP #2;
Webs: 4x2 SP #3;

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

Purlins

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

Chord	Spacing(in oc)	Start(ft)	End(ft)
TC	90	-0.27	10.85
BC	120	0.00	10.85

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

End Vertical Attachment

Attach notched end vertical(s) to next end vertical using (3) qty. 10d box or (0.128"x3"min) gun nails, or (5) qty. 15-Gauge, 7/16" Crown, 2-1/2" length wire staples, through wide face; or (3) qty. 16-Gauge, 1" Crown (minimum), 1-1/2" length wire staples on each narrow face.

Additional Notes

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

07/10/24
This drawing was electronically sealed by Robert A Davis PE, Firm #5552

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

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

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