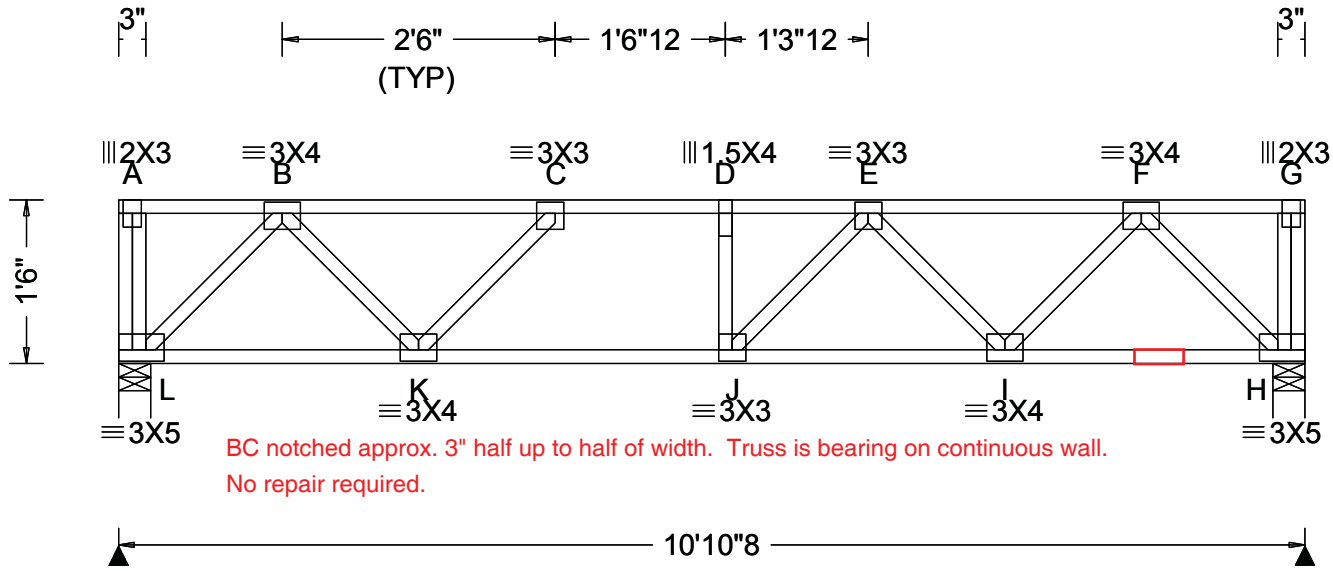
Job Number: 1805116-1-2F Residences @ Echelon **Truss Label:** F116	Ply: 1 Qty: 4 Wgt: 67.2 lbs	SEQN: 81525 / T16 / SY42 FROM:	DRW: ... / ... 04/02/2020



Loading Criteria (psf)

TCLL:	40.00
TCDL:	25.00
BCLL:	0.00
BCDL:	15.00
Des Ld:	80.00
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
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

Code / Misc Criteria
Bldg Code: IBC 2012
TPI Std: 2007
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.065	D	999	480
VERT(TL): 0.208	D	597	360
HORZ(LL): -0.009	F	-	-
HORZ(TL): -0.032	F	-	-

Creep Factor: 1.5
Max TC CSI: 0.933
Max BC CSI: 0.718
Max Web CSI: 0.329
Mfg Specified Camber:

VIEW Ver: 17.01.01B.0824.13

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
L	870	/-	/-	/-	/-	/-
H	870	/-	/-	/-	/-	/-
L	Brg Width = 3.5			Min Req = 1.5		
H	Brg Width = 3.5			Min Req = 1.5		

Bearings L & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	4	0	D - E	0	-1509
B - C	0	-1147	E - F	0	-1121
C - D	0	-1508	F - G	4	0

Maximum Bot Chord Forces Per Ply (lbs)

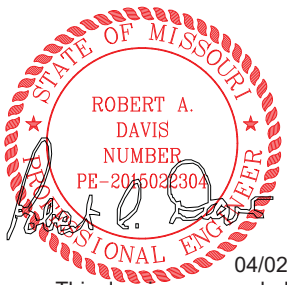
Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	683	0	J - I	1472	0
K - J	1508	0	I - H	686	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - L	0	-93	E - I	0	-521
L - B	0	-1020	I - F	648	0
B - K	690	0	F - H	0	-1025
K - C	0	-538	H - G	0	-24
D - J	94	-103	G - H	0	-60
J - E	249	-85			

Lumber
Value Set: NDS 2015
Top chord 4x2 SP #2
Bot chord 4x2 SP #2
Webs 4x2 SP #3

Additional Notes
See detail STRBRIBR1014 for bracing and bridging recommendations.
Truss must be installed as shown with top chord up.



04/02/20
This drawing was sealed by
Robert A Davis PE,

****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