Straub Construction Company, Inc.
7775 Meadow View Drive
Shawnee, Kansas 66227
P: (913) 451-8828

Project: 665 John Knox Village Courtyards - Bldg E
515 NW Moore St
Lee's Summit, Missouri 64081

Submittal #01.R - 061753-01R Revised Shop Drawings
061753 - SHOP-FABRICATED WOOD TRUSSES

Revision	R	**Submittal Manager**	De Nell Morris (Straub Construction Company, Inc.)
Status	Open	**Date Created**	Jun 19, 2024
Issue Date	Jun 19, 2024	**Spec Section**	061753 - SHOP-FABRICATED WOOD TRUSSES
Responsible Contractor	Preserving Property, LLC	**Received From**	Manolo Casas (Preserving Property, LLC)
Received Date		**Submit By**	
Final Due Date	Jun 26, 2024	**Lead Time**	
		Cost Code	
Location		**Type**	Shop Drawing
Approvers	A. Faye Doughty (SFCS)		
Ball in Court	A. Faye Doughty (SFCS)		
Distribution	Daron Speight (SFCS), Justin Thompson (John Knox Village)		
Description			

Submittal Workflow

Name	Sent Date	Due Date	Returned Date	Response	Attachments
General Information Attachments					
A. Faye Doughty		Jun 26, 2024		Pending	

06/19/2024 2:01:27 PM

Straub Construction Reviewed

665-061753-01R

WE HEREBY REPRESENT THAT WE HAVE DETERMINED AND VERIFIED ALL MATERIALS, FIELD MEASUREMENTS, AND FIELD CONSTRUCTION CRITERIA, RELATED THERETO, AND THAT WE HAVE CHECKED AND COORDINATED ALL SUCH DATA WITH THE REQUIREMENTS OF THE WORK, THE SURROUNDING CONDITIONS, AND THE CONTRACT DOCUMENTS, AND HEREBY APPROVE THIS SUBMISSION.

CONTRACTOR: Straub Construction DATE: 6/19/24

1. Architect[ ] will not review submittals received from Contractor that do not have the above statement, signed and dated.

SFCS Architecture Engineering Planning Interiors
SFCS Inc. ▪ 305 South Jefferson Street
Roanoke, Virginia 24011.2003
540.344.6664 ▪ Fax 540.343.6925
www.sfcs.com

Comm. No. 23104.00
Date 6/21/24
By L. Fasnacht

Approval of this submittal is limited to checking for conformance with information given and design concept expressed in the Contract Documents. Approval does not release the contractor from responsibility for accuracy of measurements and details, nor does approval authorize any variation from Contract Documents. Review is limited to the provisions of the General Conditions of the Contract for Construction.

X Approved as Noted

Fabrication may proceed on the basis of corrections indicated (if any).

Fabrication may NOT proceed. Revisions shall be made and drawings resubmitted.

Comm. Name: John Knox Village- Courtyards Building E
Comm. No.: 23104.00
Submission Title: Submittal No. 061753-01R Shop Drawings; Shop-Fabricated Wood Trusses

Date Received by SFCS, Inc.: 6/19/2024

All Sheet Nos. refers to individual truss cut sheets (8 1/2 x 11) with corresponding comment.
All Comments refer to pre-fabricated wood roof truss shop drawing submittal.

TRANSMIT THESE COMMENTS WITH REJECTED Roof Truss SHOP DRAWING SUBMITTAL

SHEET NO.	COMMENT
All	GC shall confirm all dimensions, truss quantities, floor and roof opening locations, roof penetrations, and duct and mechanical system clearances, etc., including duct risers into attic from below, per contract documents.
All	GC shall coordinate installation of triple studs at all girder truss bearing points. Provide multiple hurricane ties as required for uplift at girder truss bearing points.
All trusses	Design trusses to comply with adopted building code: 2018 IBC references NDS 2018.Update lumber values reference to NDS 2018.
All roof trusses	Provide truss hurricane clips for uplift reactions indicated per contract documents; Simpson H3 minimum.

PRESERVING PROPERTY LLC

[redacted]

John Knox Village

Submittal for approval

Discipline Rough Carpentry **06 17 53 Shop-Fabricated Wood Trusses**

Plans Dated: Issued for Construction Set 03/07/2024.

Submittal Number 052324

Version Number[redacted]

Package Material: Shop-Fabricated Wood Trusses.

Manager: Marco Sanchez M: (816)721-3862 E: marco@preservingproperty.com

[redacted]

Approvers:

Straub Construction
7775 Meadow View Dr, Shawnee, KS 6622
Attn: Colton Chance Project Manager M: (913)200-0097 E: cchance@straubconstruction.com

Architect: SFCS Architecture I Engineering I Planning I interiors

SFCS Inc. 1927 South Tryon St. – Suite 207 Charlotte, North Carolina 28203-4633 Office: (704)372-7327 WWW.sfcs.com

BHC RHODES Civil Engineering 7101 College Blvd., Suite 400 Overland Park, KS 66210 Phone: (913)

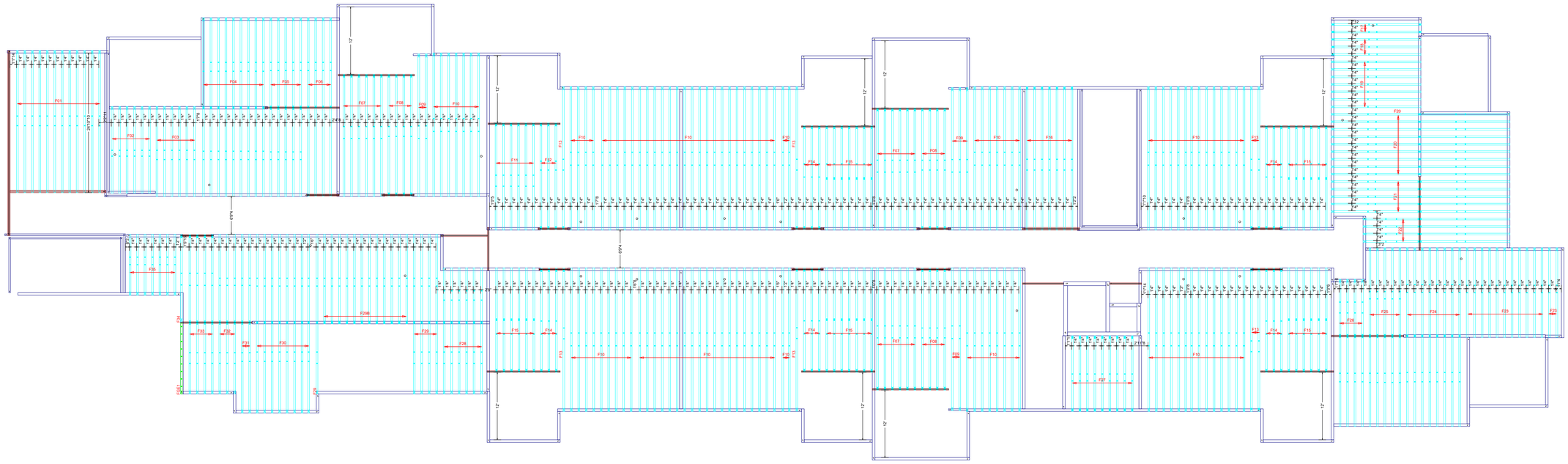
RESPONSE:

NOTES, REMARKS:

RELEASED FOR CONSTRUCTION
As Noted on Plans Review

Development Services Department
Lee's Summit, Missouri
11/04/2024

Joe Frogge



JOHN KNOX VILLAGE

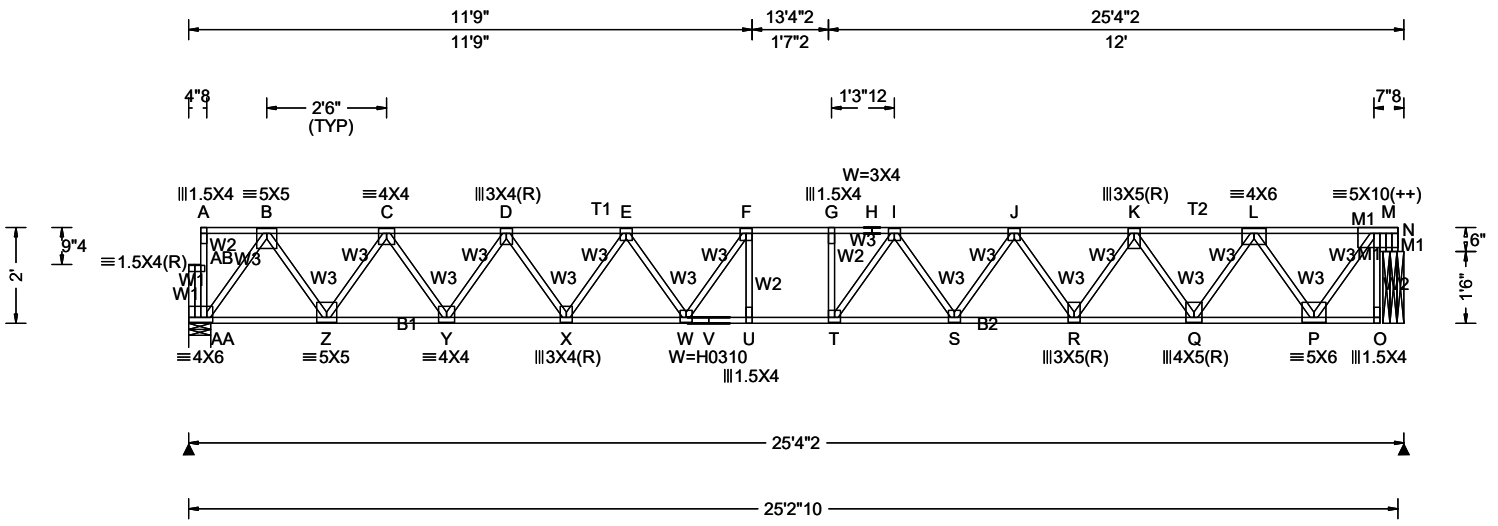
2nd LEVEL FLOOR TRUSS LAYOUT

-: Preserving Properties
-: John Knox Village Courts
-: 2310105-F2
-: Lon E Ellenburg
-: 1001 NW Chipman
-: JEB

JOB NO:
2310105-F

PAGE NO:
1 OF 1

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F01	Ply: 1 Qty: 12 Wgt: 169.4 lbs	SEQN: 81473 / T31 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)
TCLL: 55.00
TCDL: 20.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 85.00
NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.416	G	711	480
VERT(TL): 0.643	G	460	360
HORZ(LL): 0.076	B	-	-
HORZ(TL): 0.117	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.906
Max BC CSI: 0.998
Max Web CSI: 0.899
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AA	1410 / -	/ -	/ -	/ -	/ -
N	1418 / -	/ -	/ -	/ -	/ -

AA Brg Wid = 5.5 Min Req = 1.5
N Brg Wid = 5.2 Min Req = 1.5
Bearings AA & N are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	G - H	0	-4587
B - C	0	-1698	H - I	0	-4587
C - D	0	-2987	I - J	0	-4257
D - E	0	-3898	J - K	0	-3569
E - F	0	-4429	K - L	0	-2516
F - G	0	-4591	L - M	0	-1026

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AA- Z	942	0	U - T	4591	0
Z - Y	2428	0	T - S	4489	0
Y - X	3525	0	S - R	4002	0
X - W	4249	0	R - Q	3114	0
W - V	4591	0	Q - P	1896	0
V - U	4591	0	P - O	48	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AB-AA	4	-73	T - I	528	-206
A -AB	0	-38	I - S	0	-479
AA- B	0	-1644	S - J	460	0
B - Z	1362	0	J - R	0	-780
Z - C	0	-1317	R - K	820	0
C - Y	1008	0	K - Q	0	-1078
Y - D	0	-969	Q - L	1118	0
D - X	673	0	L - P	0	-1569
X - E	0	-632	P - M	1653	0
E - W	484	0	N - O	8	0
W - F	106	-572	N - M	0	-468
F - U	220	-185	M - N	9	-1166
G - T	46	-259			

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2 T2 4x2 SP #1;
Bot chord 4x2 SP #1
Webs 4x2 SP #3
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Deflection

Max JT VERT DEFL: LL: 0.42" DL: 0.28". See detail DEFLCAMB1014 for camber recommendations.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

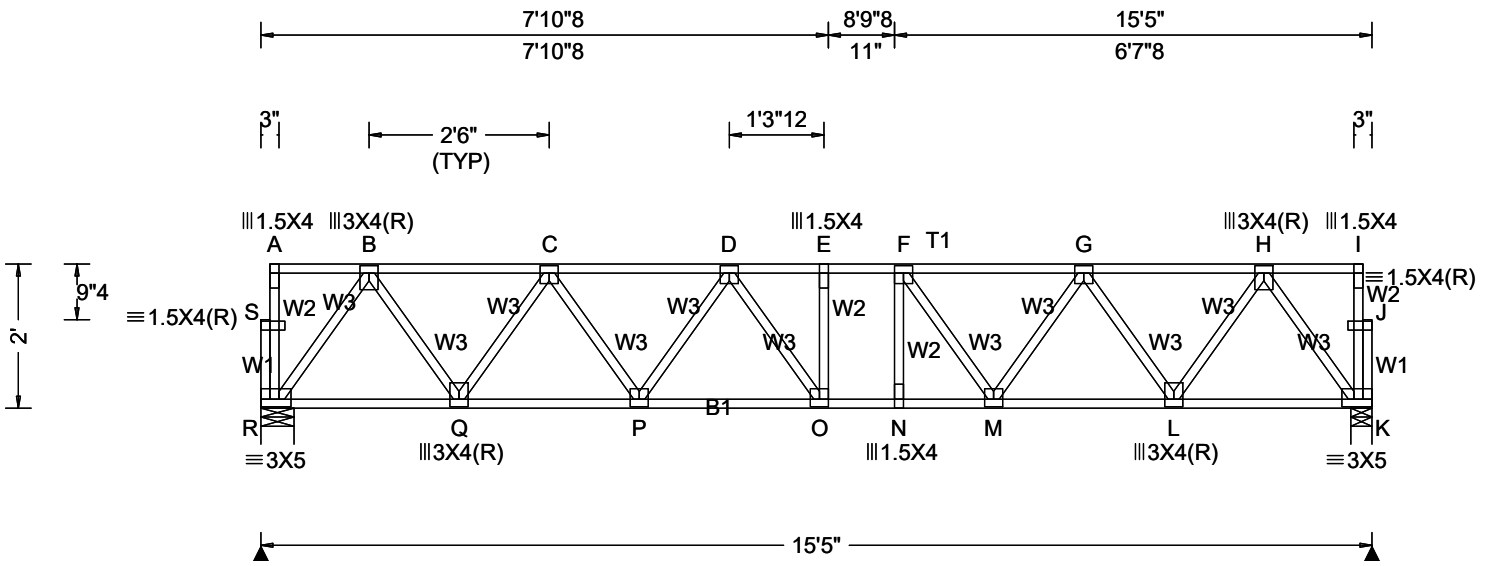
****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F02	Ply: 1 Qty: 6 Wgt: 107.8 lbs	SEQN: 81474 / T2 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.089	E	999	480
VERT(TL): 0.125	O	999	360
HORZ(LL): 0.019	B	-	-
HORZ(TL): 0.030	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.333
Max BC CSI: 0.584
Max Web CSI: 0.336
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
R	861 /-	/-	/-	/-	/-
K	861 /-	/-	/-	/-	/-

R Brg Wid = 5.5 Min Req = 1.5
K Brg Wid = 3.5 Min Req = 1.5
Bearings R & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	E - F	0	-1695
B - C	0	-951	F - G	0	-1511
C - D	0	-1512	G - H	0	-952
D - E	0	-1694	H - I	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	559	0	N - M	1694	0
Q - P	1320	0	M - L	1318	0
P - O	1678	0	L - K	560	0
O - N	1695	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
S - R	0	-59	N - F	138	-71
A - S	0	-38	F - M	0	-397
R - B	0	-976	M - G	372	0
B - Q	707	0	G - L	0	-659
Q - C	0	-664	L - H	706	0
C - P	347	0	H - K	0	-977
P - D	0	-299	I - J	0	-39
D - O	229	-147	K - J	0	-12
O - E	45	-100	J - K	0	-48

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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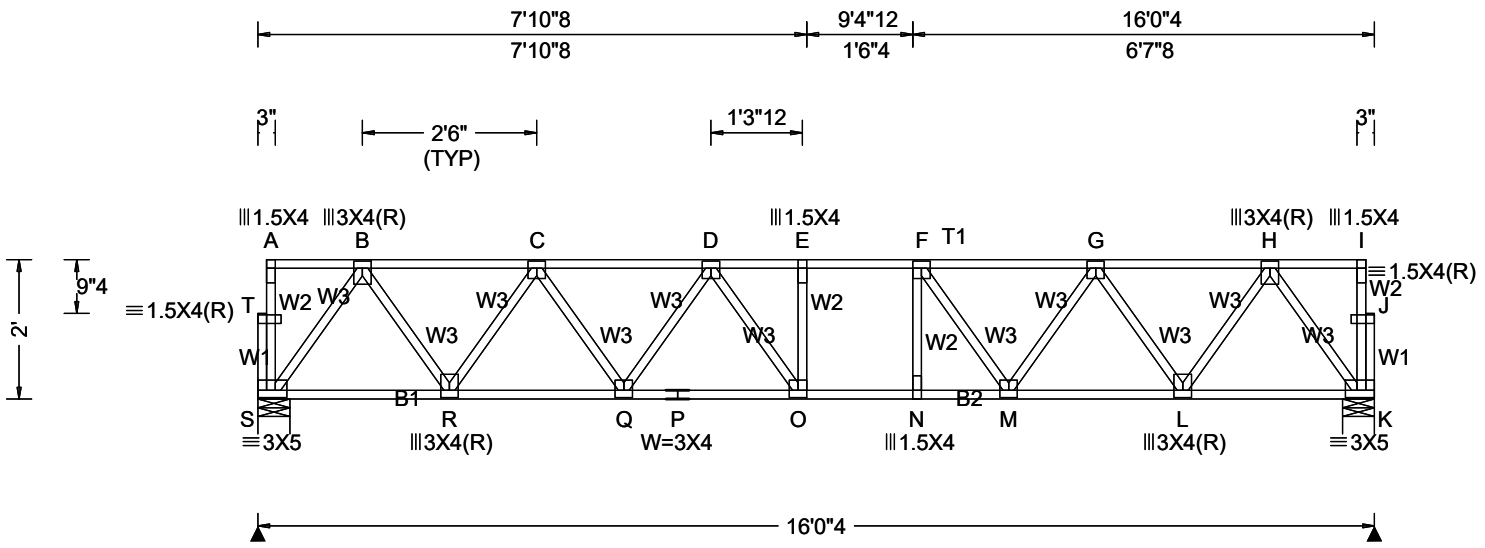
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F03	Ply: 1 Qty: 6 Wgt: 109.2 lbs	SEQN: 81475 / T11 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.110	E	999	480
VERT(TL): 0.182	E	999	360
HORZ(LL): 0.024	B	-	-
HORZ(TL): 0.043	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.466
Max BC CSI: 0.768
Max Web CSI: 0.356
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
S	895 /-	/-	/-	/-	/-
K	895 /-	/-	/-	/-	/-

S Brg Wid = 5.5 Min Req = 1.5
K Brg Wid = 5.5 Min Req = 1.5
Bearings S & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	E - F	0	-1826
B - C	0	-998	F - G	0	-1605
C - D	0	-1606	G - H	0	-998
D - E	0	-1824	H - I	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
S - R	583	0	O - N	1826	0
R - Q	1390	0	N - M	1824	0
Q - P	1792	0	M - L	1385	0
P - O	1792	0	L - K	585	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
T - S	0	-58	N - F	168	-61
A - T	0	-38	F - M	0	-482
S - B	0	-1017	M - G	424	0
B - R	747	0	G - L	0	-697
R - C	0	-707	L - H	745	0
C - Q	390	0	H - K	0	-1020
Q - D	0	-334	I - J	0	-39
D - O	285	-133	K - J	0	-12
O - E	24	-151	J - K	0	-49

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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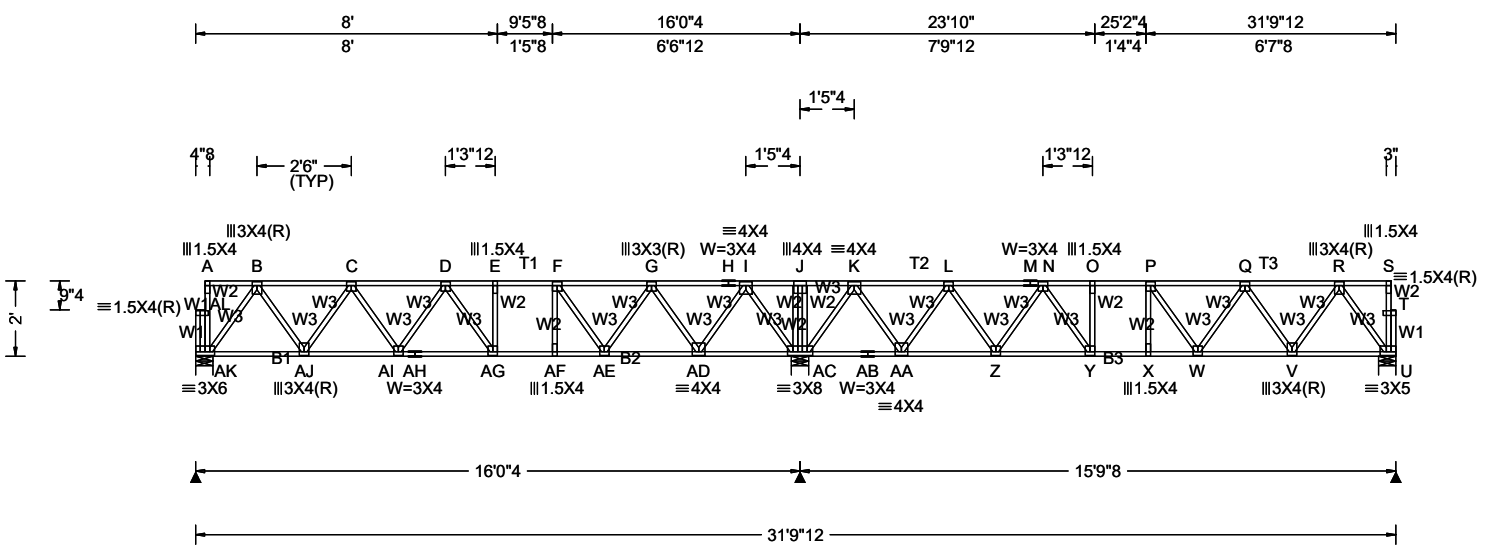
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F04	Ply: 1 Qty: 9 Wgt: 215.6 lbs	SEQN: 81476 / T4 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)
TCLL: 55.00
TCDL: 20.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 85.00
NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.119	E	999	480
VERT(TL): 0.188	AG	999	360
HORZ(LL): 0.028	B	-	-
HORZ(TL): 0.046	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.638
Max BC CSI: 0.851
Max Web CSI: 0.417
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AK	850	/-	/-	/-	/-	/-
AC	2013	/-	/-	/-	/-	/-
U	823	/-	/-	/-	/-	/-

AK Brg Wid = 5.5 Min Req = 1.5
AC Brg Wid = 5.5 Min Req = 1.5
U Brg Wid = 5.5 Min Req = 1.5
Bearings AK, AC, & U are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	J - K	1035	0
B - C	0	-896	K - L	154	-466
C - D	0	-1415	L - M	0	-1160
D - E	0	-1505	M - N	0	-1160
E - F	0	-1505	N - O	0	-1501
F - G	0	-1215	O - P	0	-1505
G - H	225	-515	P - Q	0	-1373
H - I	225	-515	Q - R	0	-883
I - J	1035	0	R - S	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AK-AJ	530	0	AC-AB	12	-392
AJ-AI	1242	0	AB-AA	12	-392
AI-AH	1546	0	AA- Z	903	0
AH-AG	1546	0	Z - Y	1396	0
AG-AF	1505	0	Y - X	1505	0
AF-AE	1501	0	X - W	1505	0
AE-AD	944	-45	W - V	1217	0
AD-AC	65	-437	V - U	523	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL-AK	4	-73	AC- K	0	-1149
A -AL	0	-37	K -AA	875	0
AK- B	0	-930	AA- L	0	-842
B -AJ	660	0	L - Z	516	0
AJ- C	0	-624	Z - N	0	-489
C -AI	311	0	N - Y	418	0
AI- D	11	-237	Y - O	0	-208
D -AG	132	-292	X - P	89	-133
AG- E	101	-76	P - W	32	-307
AF- F	238	0	W - Q	297	0

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

Plating Notes
All plates are 3X3 except as noted.

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

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

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Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F04	Ply: 1 Qty: 9 Wgt: 215.6 lbs	SEQN: 81476 / T4 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

F -AE	0	-628	Q - V	0	-603
AE- G	557	0	V - R	648	0
G -AD	0	-829	R - U	0	-915
AD- I	867	0	S - T	0	-41
I -AC	0	-1158	U - T	0	-12
J -AC	0	-148	T - U	0	-50

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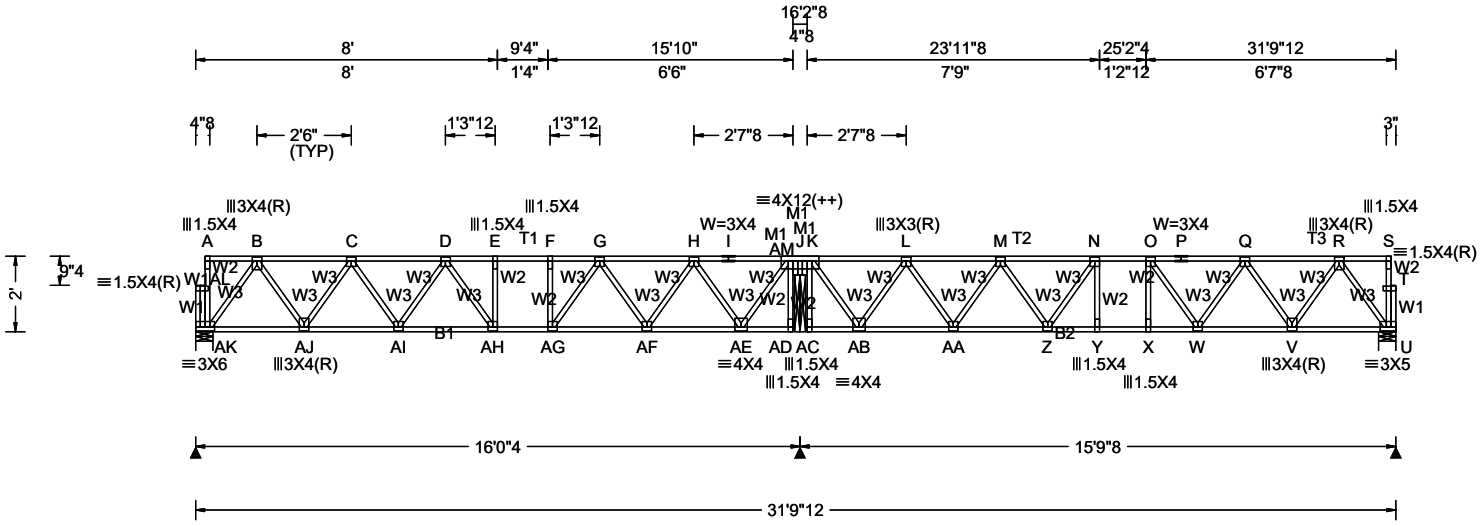
Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F05	Ply: 1 Qty: 5 Wgt: 217.0 lbs	SEQN: 81477 / T5 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)
TCLL: 55.00
TCDL: 20.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 85.00
NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.106	E	999	480
VERT(TL): 0.170	E	999	360
HORZ(LL): 0.023	B	-	-
HORZ(TL): 0.040	AB	-	-

Creep Factor: 2.0
Max TC CSI: 0.564
Max BC CSI: 0.812
Max Web CSI: 0.449
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AK	916 / -	/ -	/ -	/ -	/ -
AM	1806 / -	/ -	/ -	/ -	/ -
U	895 / -	/ -	/ -	/ -	/ -

AK Brg Wid = 5.5 Min Req = 1.5
AM Brg Wid = 3.5 Min Req = 1.5
U Brg Wid = 5.5 Min Req = 1.5
Bearings AK, AM, & U are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - L	0	- 561	I - J	0	- 569
A - B	3	0	L - M	0	- 1341
B - C	0	- 986	M - N	0	- 1721
C - D	0	- 1586	N - O	0	- 1781
D - E	0	- 1796	O - P	0	- 1567
E - F	0	- 1797	P - Q	0	- 1567
F - G	0	- 1791	Q - R	0	- 980
G - H	0	- 1347	R - S	1	0
H - I	0	- 569			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AK-AJ	576	0	AB-AA	1042	0
AJ-AI	1374	0	AA- Z	1620	0
AI-AH	1767	0	Z - Y	1783	0
AH-AG	1797	0	Y - X	1781	0
AG-AF	1625	0	X - W	1778	0
AF-AE	1055	0	W - V	1359	0
AE-AD	11	- 15	V - U	575	0
AC-AB	11	- 15			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL-AK	4	- 73	AM-AD	8	0
A -AL	0	- 38	AM- K	0	- 1053
AK- B	0	- 1010	AM-AC	7	0
B -AJ	740	0	AB- L	0	- 867
AJ- C	0	- 699	L -AA	554	0
C -AI	382	0	AA- M	0	- 515
AI- D	0	- 327	M - Z	266	0
D -AH	266	- 145	Z - N	71	- 276
AH- E	55	- 157	N - Y	105	- 173
F -AG	0	- 256	X - O	202	- 77

Lumber
Value Set: NDS 2015
Top chord 4x2 SP #2
Bot chord 4x2 SP #2
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;
Rt Bearing Leg: 4x2 SP #3;

Plating Notes
All plates are 3X3 except as noted.
(++) - This plate works for both joints covered.

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

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F05	Ply: 1 Qty: 5 Wgt: 217.0 lbs	SEQN: 81477 / T5 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

AG- G	449	0	O - W	0	- 453
G -AF	0	- 516	W - Q	396	0
AF- H	542	0	Q - V	0	- 683
H -AE	0	- 877	V - R	731	0
AE- J	943	0	R - U	0	- 1004
K -AM	8	0	S - T	0	- 39
K -AB	931	0	U - T	0	- 12
J -AM	9	- 1050	T - U	0	- 49

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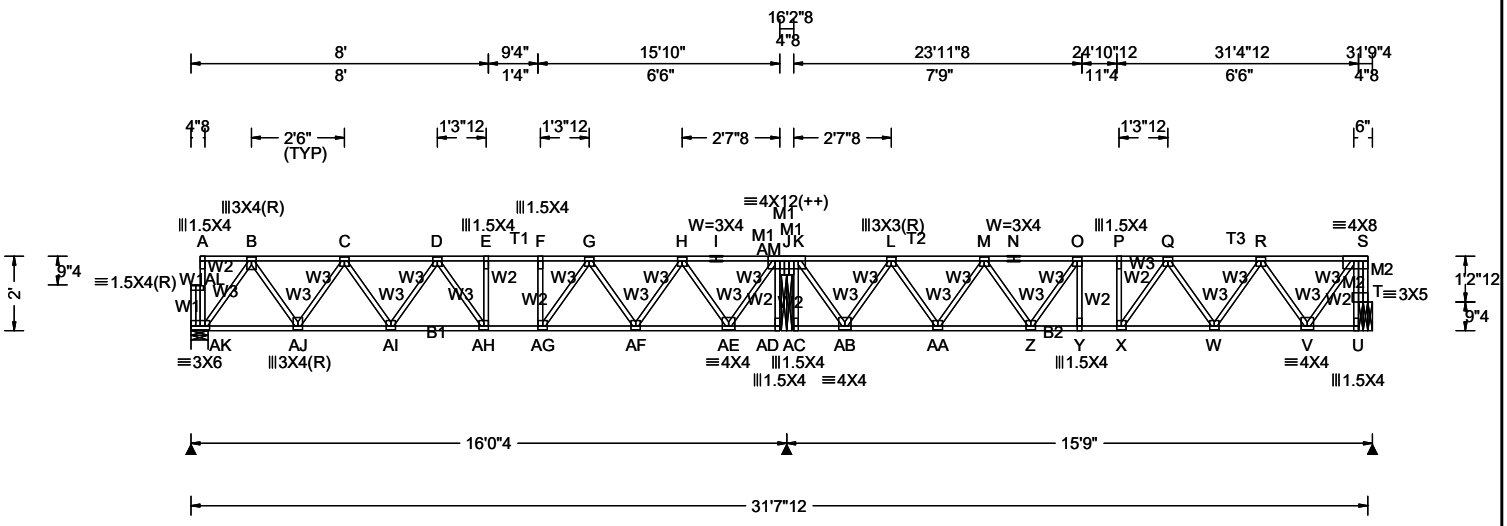
Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F06	Ply: 1 Qty: 4 Wgt: 219.8 lbs	SEQN: 81478 / T25 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 55.00	Wind Std: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 20.00	Speed: NA mph	Pf: NA Ce: NA	VERT(LL): 0.106 E 999 480
BCLL: 0.00	Enclosure: NA	Lu: NA Cs: NA	VERT(TL): 0.170 E 999 360
BCDL: 10.00	Category: NA	Snow Duration: NA	HORZ(LL): 0.023 B - -
Des Ld: 85.00	EXP: NA		HORZ(TL): 0.039 AB - -
NCBCLL: 0.00	Mean Height: NA ft	**Code / Misc Criteria**	Creep Factor: 2.0
Soffit: 0.00	TCDL: NA psf	Bldg Code: IBC 2018	Max TC CSI: 0.560
Load Duration: 1.00	BCDL: NA psf	TPI Std: 2014	Max BC CSI: 0.680
Spacing: 16.0 "	MWFRS Parallel Dist: NA	Rep Factors Used: Yes	Max Web CSI: 0.478
	C&C Dist a: NA ft	FT/RT:12(0)/10(0)	Mfg Specified Camber:
	Loc. from endwall: NA	Plate Type(s):	
	I: NA GCpi: NA	WAVE	VIEW Ver: 23.02.04A.0207.10
	Wind Duration: NA		

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2
Bot chord 4x2 SP #2
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AK	916 / -	/ -	/ -	/ -	/ -
AM	1798 / -	/ -	/ -	/ -	/ -
T	883 / -	/ -	/ -	/ -	/ -

AK Brg Wid = 5.5 Min Req = 1.5
AM Brg Wid = 3.5 Min Req = 1.5
T Brg Wid = 4.5 Min Req = 1.5
Bearings AK, AM, & T are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - L	0	- 556	I - J	0	- 569
A - B	3	0	L - M	0	- 1327
B - C	0	- 986	M - N	0	- 1697
C - D	0	- 1586	N - O	0	- 1697
D - E	0	- 1796	O - P	0	- 1754
E - F	0	- 1797	P - Q	0	- 1750
F - G	0	- 1791	Q - R	0	- 1343
G - H	0	- 1348	R - S	0	- 593
H - I	0	- 569			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AK-AJ	576	0	AB-AA	1032	0
AJ-AI	1374	0	AA- Z	1600	0
AI-AH	1768	0	Z - Y	1756	0
AH-AG	1797	0	Y - X	1754	0
AG-AF	1625	0	X - W	1605	0
AF-AE	1055	0	W - V	1068	0
AE-AD	11	- 15	V - U	48	0
AC-AB	11	- 15			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL-AK	4	- 73	AM-AD	8	0
A -AL	0	- 38	AM- K	0	- 1047
AK- B	0	- 1010	AM-AC	7	0
B -AJ	740	0	AB- L	0	- 859
AJ- C	0	- 699	L -AA	545	0
C -AI	382	0	AA- M	0	- 507
AI- D	0	- 327	M - Z	258	0
D -AH	266	- 145	Z - O	66	- 254
AH- E	55	- 157	O - Y	73	- 146
F -AG	0	- 256	P - X	0	- 177

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Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F06	Ply: 1 Qty: 4 Wgt: 219.8 lbs	SEQN: 81478 / T25 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

AG- G	449	0	X - Q	392	0
G -AF	0	- 516	Q - W	0	- 471
AF- H	542	0	W - R	496	0
H -AE	0	- 877	R - V	0	- 856
AE- J	944	0	V - S	922	0
K -AM	8	0	T - U	8	0
K -AB	922	0	T - S	14	- 37
J -AM	9	- 1047	S - T	9	- 878

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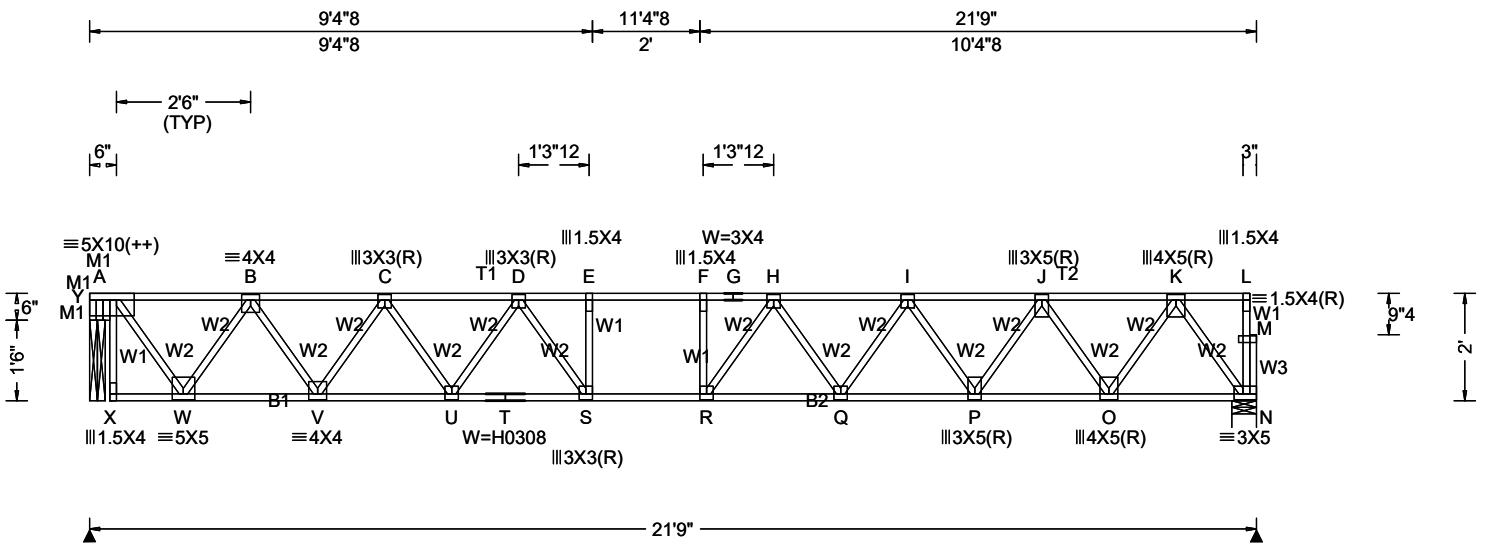
Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F07	Ply: 1 Qty: 18 Wgt: 142.8 lbs	SEQN: 81479 / T16 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00

NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.281	F	912	480
VERT(TL): 0.419	R	611	360
HORZ(LL): 0.057	N	-	-
HORZ(TL): 0.088	N	-	-

Creep Factor: 2.0
Max TC CSI: 0.864
Max BC CSI: 0.880
Max Web CSI: 0.872
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
Y	1228 / -	/ -	/ -	/ -	/ -
N	1220 / -	/ -	/ -	/ -	/ -

Y Brg Wid = 3.5 Min Req = 1.5
N Brg Wid = 5.5 Min Req = 1.5
Bearings Y & N are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-883	G - H	0	-3416
B - C	0	-2121	H - I	0	-3141
C - D	0	-2911	I - J	0	-2480
D - E	0	-3412	J - K	0	-1441
E - F	0	-3419	K - L	1	0
F - G	0	-3416			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
X - W	47	0	S - R	3419	0
W - V	1625	0	R - Q	3354	0
V - U	2593	0	Q - P	2895	0
U - T	3217	0	P - O	2046	0
T - S	3217	0	O - N	811	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - Y	9	-443	R - H	453	-195
A - W	1414	0	H - Q	0	-409
Y - A	0	-988	Q - I	444	0
Y - X	8	0	I - P	0	-749
W - B	0	-1338	P - J	782	0
B - V	894	0	J - O	0	-1090
V - C	0	-850	O - K	1136	0
C - U	574	0	K - N	0	-1415
U - D	0	-551	L - M	0	-37
D - S	623	-28	N - M	0	-12
S - E	0	-363	M - N	0	-47
F - R	68	-271			

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #1 T2 4x2 SP #2;
Bot chord 4x2 SP #2 B2 4x2 SP #1;
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Deflection

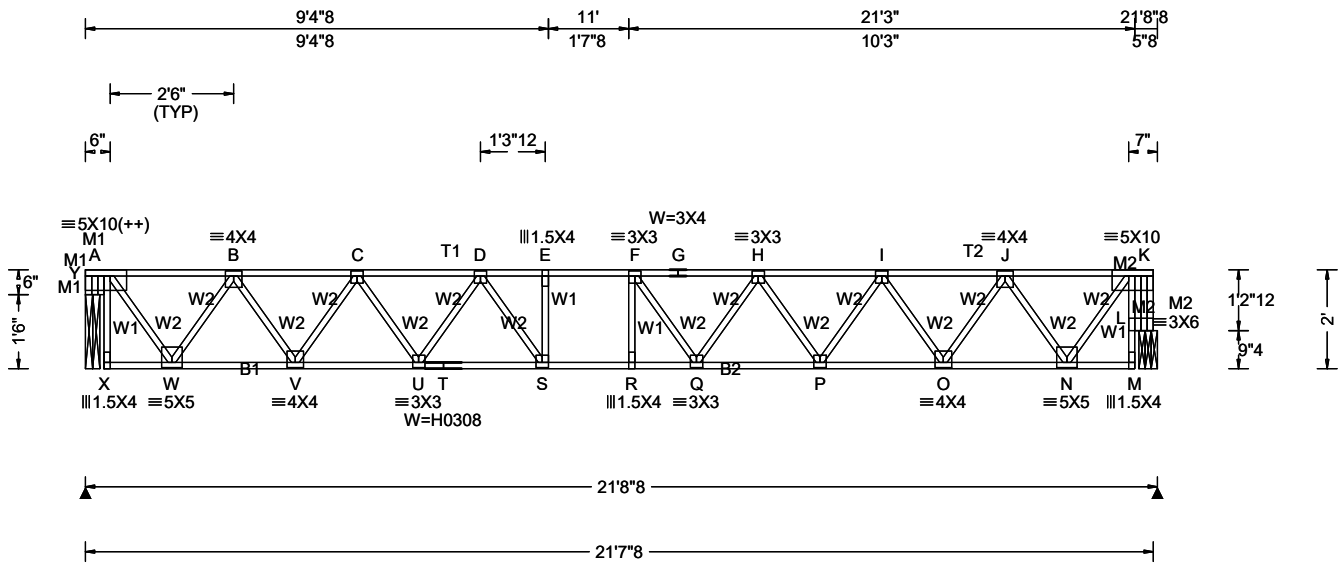
Max JT VERT DEFL: LL: 0.28" DL: 0.21". See detail DEFLCAMB1014 for camber recommendations.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F08	Ply: 1 Qty: 12 Wgt: 147.0 lbs	SEQN: 81480 / T15 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.284	F	897	480
VERT(TL): 0.437	F	583	360
HORZ(LL): 0.055	M	-	-
HORZ(TL): 0.085	M	-	-

Creep Factor: 2.0
Max TC CSI: 0.860
Max BC CSI: 0.904
Max Web CSI: 0.963
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
Y	1220 /-	/-	/-	/-	/-
L	1220 /-	/-	/-	/-	/-

Y Brg Wid = 3.5 Min Req = 1.5
L Brg Wid = 4.5 Min Req = 1.5
Bearings Y & L are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-877	F - G	0	-3315
B - C	0	-2106	G - H	0	-3315
C - D	0	-2885	H - I	0	-2895
D - E	0	-3377	I - J	0	-2099
E - F	0	-3383	J - K	0	-895

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
X - W	46	0	R - Q	3386	0
W - V	1615	0	Q - P	3198	0
V - U	2572	0	P - O	2573	0
U - T	3190	0	O - N	1602	0
T - S	3190	0	N - M	97	0
S - R	3383	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - Y	9	-441	F - Q	157	-396
A - W	1405	0	Q - H	364	0
Y - A	0	-983	H - P	0	-546
Y - X	8	0	P - I	582	0
W - B	0	-1330	I - O	0	-854
B - V	886	0	O - J	895	0
V - C	0	-840	J - N	0	-1275
C - U	565	0	N - K	1350	0
U - D	0	-549	L - M	8	0
D - S	586	-36	L - K	0	-128
S - E	0	-296	K - L	9	-1112
R - F	125	-201			

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #1 T2 4x2 SP #2;
Bot chord 4x2 SP #2 B2 4x2 SP #1;
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3(R) except as noted.

(++) - This plate works for both joints covered.

Deflection

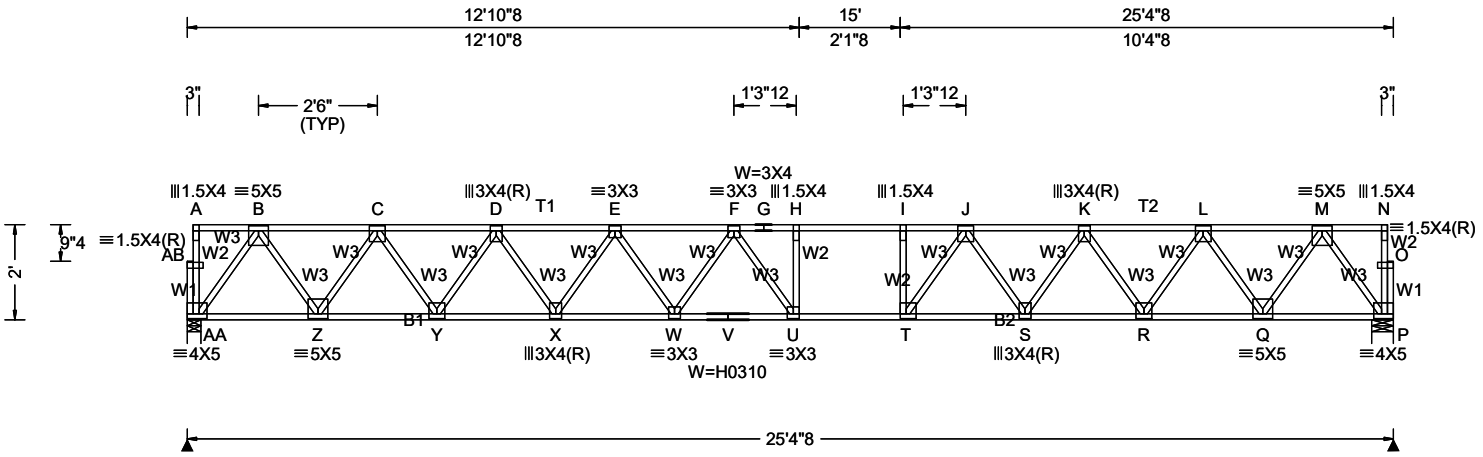
Max JT VERT DEFL: LL: 0.28" DL: 0.19". See detail DEFLCAMB1014 for camber recommendations.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F09	Ply: 1 Qty: 7 Wgt: 165.2 lbs	SEQN: 81481 / T1 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.437	H	686	480
VERT(TL): 0.637	U	471	360
HORZ(LL): 0.079	B	-	-
HORZ(TL): 0.122	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.695
Max BC CSI: 0.945
Max Web CSI: 0.658
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2 T2 4x2 SP 2400f-2.0E;
Bot chord 4x2 SP #1 B2 4x2 SP 2400f-2.0E;
Webs 4x2 SP #3

Plating Notes

All plates are 4X4 except as noted.

Deflection

Max JT VERT DEFL: LL: 0.44" DL: 0.31". See detail DEFLCAMB1014 for camber recommendations.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
AA	1425	/-	/-	/-	/-	/-
P	1425	/-	/-	/-	/-	/-

AA Brg Wid = 3.5 Min Req = 1.5
P Brg Wid = 5.5 Min Req = 1.5
Bearings AA & P are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	H - I	0	-4646
B - C	0	-1721	I - J	0	-4635
C - D	0	-3034	J - K	0	-3953
D - E	0	-3965	K - L	0	-3037
E - F	0	-4531	L - M	0	-1720
F - G	0	-4646	M - N	1	0
G - H	0	-4646			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AA- Z	954	0	U - T	4646	0
Z - Y	2464	0	T - S	4327	0
Y - X	3582	0	S - R	3583	0
X - W	4332	0	R - Q	2463	0
W - V	4680	0	Q - P	954	0
V - U	4680	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AB-AA	0	-59	I - T	0	-486
A -AB	0	-37	T - J	849	0
AA- B	0	-1665	J - S	0	-675
B - Z	1382	0	S - K	666	0
Z - C	0	-1338	K - R	0	-985
C - Y	1029	0	R - L	1035	0
Y - D	0	-988	L - Q	0	-1339
D - X	690	0	Q - M	1381	0
X - E	0	-661	M - P	0	-1664
E - W	390	0	N - O	0	-38
W - F	0	-382	P - O	0	-12
F - U	410	-390	O - P	0	-47
U - H	170	-249			

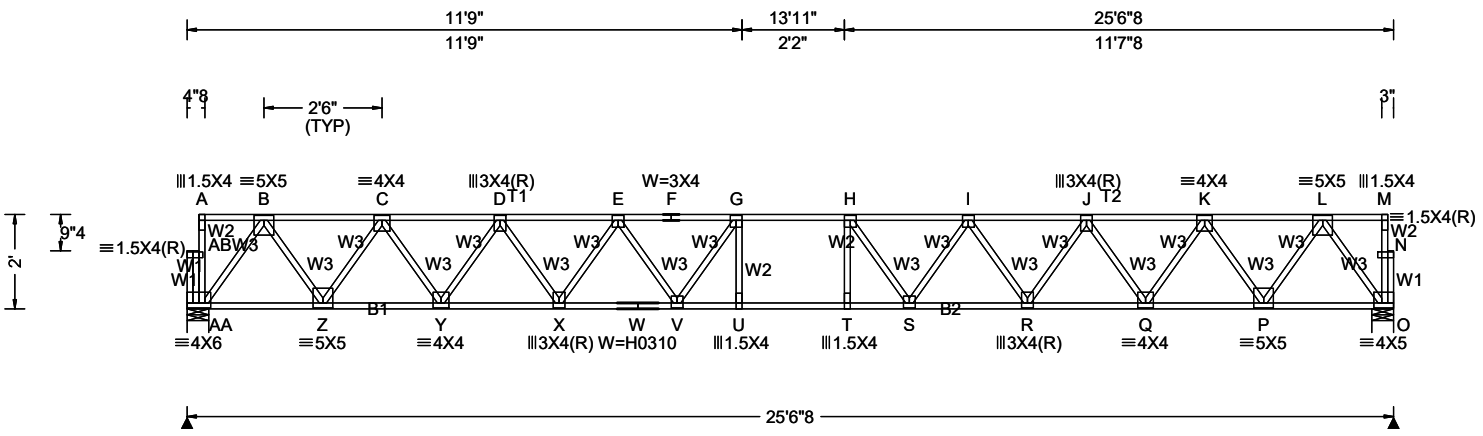
****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F10	Ply: 1 Qty: 110 Wgt: 168.0 lbs	SEQN: 81482 / T29 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.363	U	828	480
VERT(TL): 0.526	G	571	360
HORZ(LL): 0.065	B	-	-
HORZ(TL): 0.100	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.855
Max BC CSI: 0.719
Max Web CSI: 0.660
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AA	1429 / -	/ -	/ -	/ -	/ -
O	1428 / -	/ -	/ -	/ -	/ -

AA Brg Wid = 5.5 Min Req = 1.5
O Brg Wid = 5.5 Min Req = 1.5
Bearings AA & O are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	G - H	0	-4713
B - C	0	-1724	H - I	0	-4535
C - D	0	-3040	I - J	0	-3976
D - E	0	-3976	J - K	0	-3040
E - F	0	-4534	K - L	0	-1724
F - G	0	-4534	L - M	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AA- Z	956	0	U - T	4713	0
Z - Y	2468	0	T - S	4712	0
Y - X	3591	0	S - R	4339	0
X - W	4339	0	R - Q	3590	0
W - V	4339	0	Q - P	2468	0
V - U	4712	0	P - O	955	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AB-AA	4	-73	H - S	108	-641
A -AB	0	-37	S - I	518	0
AA- B	0	-1667	I - R	0	-655
B - Z	1385	0	R - J	695	0
Z - C	0	-1341	J - Q	0	-993
C - Y	1032	0	Q - K	1031	0
Y - D	0	-993	K - P	0	-1341
D - X	695	0	P - L	1385	0
X - E	0	-654	L - O	0	-1667
E - V	515	0	M - N	0	-38
V - G	105	-638	O - N	0	-12
G - U	262	-218	N - O	0	-48
T - H	262	-218			

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2 T2 4x2 SP 2400f-2.0E;
Bot chord 4x2 SP 2400f-2.0E
Webs 4x2 SP #3

Plating Notes

All plates are 3X3 except as noted.

Deflection

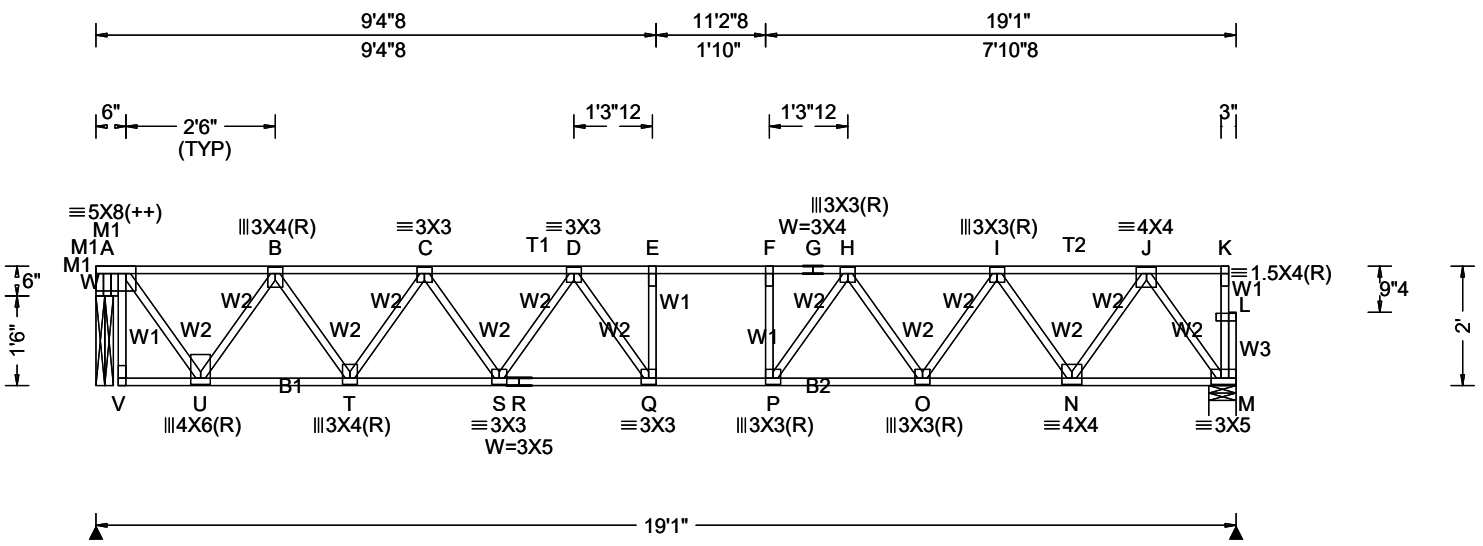
Max JT VERT DEFL: LL: 0.36" DL: 0.26". See detail DEFLCAMB1014 for camber recommendations.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F11	Ply: 1 Qty: 6 Wgt: 126.0 lbs	SEQN: 81483 / T18 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.198	E	999	480
VERT(TL): 0.309	Q	727	360
HORZ(LL): 0.045	A	-	-
HORZ(TL): 0.069	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.765
Max BC CSI: 0.733
Max Web CSI: 0.777
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
W	1076 / -	/ -	/ -	/ -	/ -
M	1069 / -	/ -	/ -	/ -	/ -

W Brg Wid = 3.5 Min Req = 1.5
M Brg Wid = 5.5 Min Req = 1.5
Bearings W & M are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-761	F - G	0	-2598
B - C	0	-1791	G - H	0	-2598
C - D	0	-2393	H - I	0	-2064
D - E	0	-2604	I - J	0	-1237
E - F	0	-2606	J - K	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
V - U	42	0	Q - P	2606	0
U - T	1396	0	P - O	2380	0
T - S	2167	0	O - N	1741	0
S - R	2583	0	N - M	705	0
R - Q	2583	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - W	8	-385	F - P	0	-343
A - U	1217	0	P - H	592	0
W - A	0	-871	H - O	0	-569
W - V	7	0	O - I	583	0
U - B	0	-1144	I - N	0	-909
B - T	712	0	N - J	959	0
T - C	0	-678	J - M	0	-1229
C - S	408	0	K - L	0	-38
S - D	0	-341	M - L	0	-12
D - Q	343	-199	L - M	0	-47
Q - E	75	-208			

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #1 T2 4x2 SP #2;
Bot chord 4x2 SP #2 B2 4x2 SP #1;
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 1.5X4 except as noted.

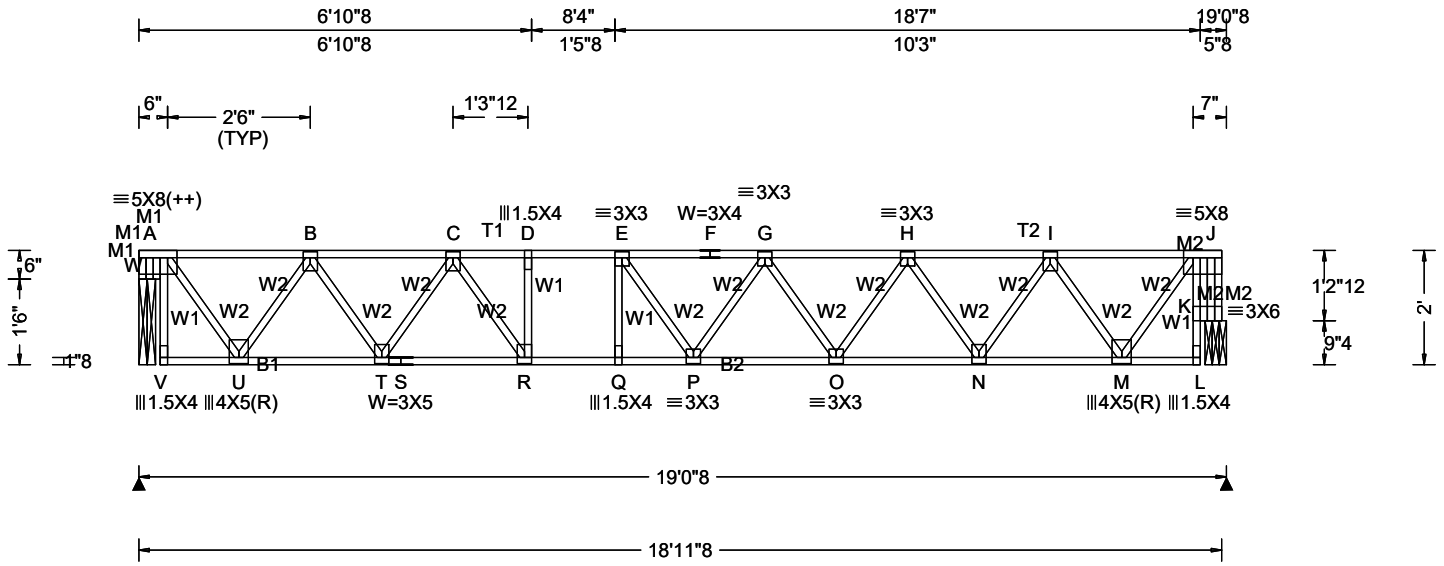
(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F12	Ply: 1 Qty: 3 Wgt: 133.0 lbs	SEQN: 81484 / T7 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.235	E	948	480
VERT(TL): 0.342	E	652	360
HORZ(LL): 0.055	L	-	-
HORZ(TL): 0.085	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.997
Max BC CSI: 0.948
Max Web CSI: 0.859
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
W	1069 / -	/ -	/ -	/ -	/ -
K	1069 / -	/ -	/ -	/ -	/ -

W Brg Wid = 3.5 Min Req = 1.5
K Brg Wid = 4.5 Min Req = 1.5
Bearings W & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	- 762	F - G	0	- 2581
B - C	0	- 1760	G - H	0	- 2368
C - D	0	- 2480	H - I	0	- 1772
D - E	0	- 2490	I - J	0	- 771
E - F	0	- 2581			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
V - U	44	0	Q - P	2497	0
U - T	1385	0	P - O	2577	0
T - S	2147	0	O - N	2144	0
S - R	2147	0	N - M	1375	0
R - Q	2490	0	M - L	86	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - W	8	- 364	P - G	191	- 114
A - U	1213	0	G - O	0	- 377
W - A	0	- 883	O - H	406	0
W - V	7	0	H - N	0	- 671
U - B	0	- 1125	N - I	714	0
B - T	675	0	I - M	0	- 1090
T - C	0	- 698	M - J	1158	0
C - R	720	0	K - L	8	0
R - D	0	- 342	K - J	0	- 104
Q - E	17	- 287	J - K	9	- 982
E - P	320	- 159			

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2
Bot chord 4x2 SP #2 B2 4x2 SP #1;
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X4(R) except as noted.

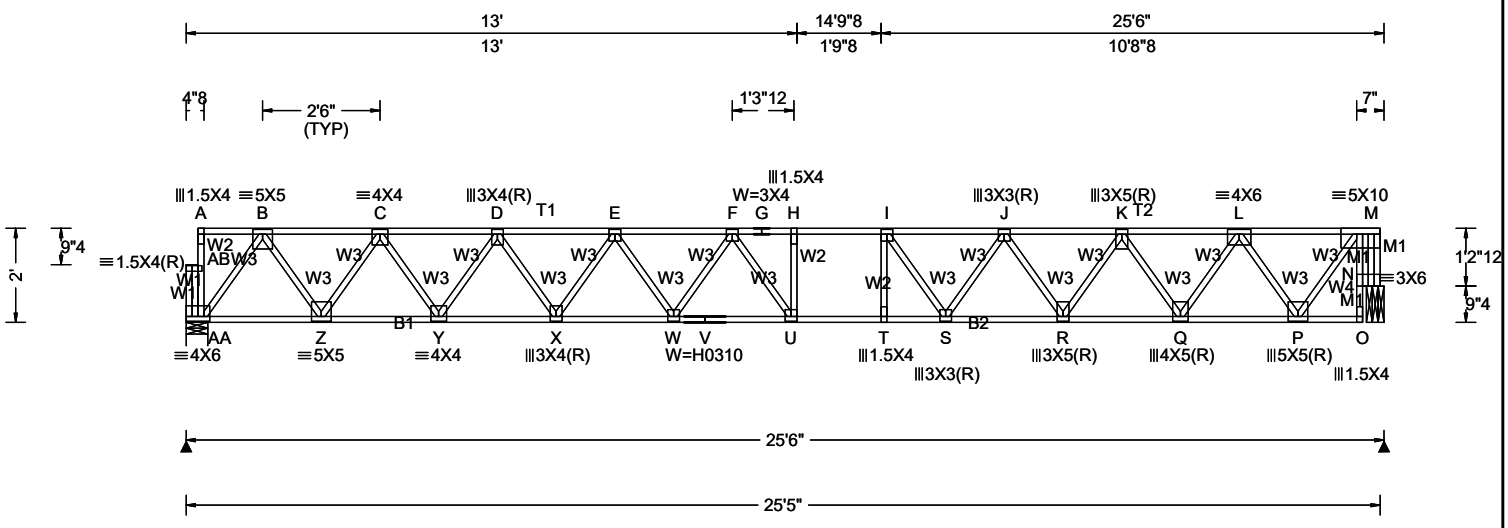
(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F13	Ply: 1 Qty: 8 Wgt: 173.6 lbs	SEQN: 81485 / T8 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.437	H	684	480
VERT(TL): 0.675	H	443	360
HORZ(LL): 0.079	B	-	-
HORZ(TL): 0.121	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.923
Max BC CSI: 0.871
Max Web CSI: 0.769
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AA	1422 / -	/ -	/ -	/ -	/ -
N	1428 / -	/ -	/ -	/ -	/ -

AA Brg Wid = 5.5 Min Req = 1.5
N Brg Wid = 4.5 Min Req = 1.5
Bearings AA & N are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	G - H	0	-4631
B - C	0	-1714	H - I	0	-4632
C - D	0	-3021	I - J	0	-4326
D - E	0	-3946	J - K	0	-3619
E - F	0	-4503	K - L	0	-2549
F - G	0	-4631	L - M	0	-1065

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AA- Z	951	0	U - T	4632	0
Z - Y	2454	0	T - S	4627	0
Y - X	3566	0	S - R	4049	0
X - W	4309	0	R - Q	3163	0
W - V	4652	0	Q - P	1914	0
V - U	4652	0	P - O	110	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AB-AA	4	-73	T - I	326	-113
A -AB	0	-37	I - S	0	-773
AA- B	0	-1659	S - J	613	0
B - Z	1377	0	J - R	0	-774
Z - C	0	-1333	R - K	822	0
C - Y	1023	0	K - Q	0	-1107
Y - D	0	-982	Q - L	1145	0
D - X	685	0	L - P	0	-1532
X - E	0	-654	P - M	1615	0
E - W	384	0	N - O	8	0
W - F	0	-386	N - M	0	-168
F - U	395	-360	M - N	9	-1284
U - H	101	-202			

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2 T2 4x2 SP #1;
Bot chord 4x2 SP #1 B2 4x2 SP 2400f-2.0E;
Webs 4x2 SP #3 W4 4x2 SP #2;
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3 except as noted.

Deflection

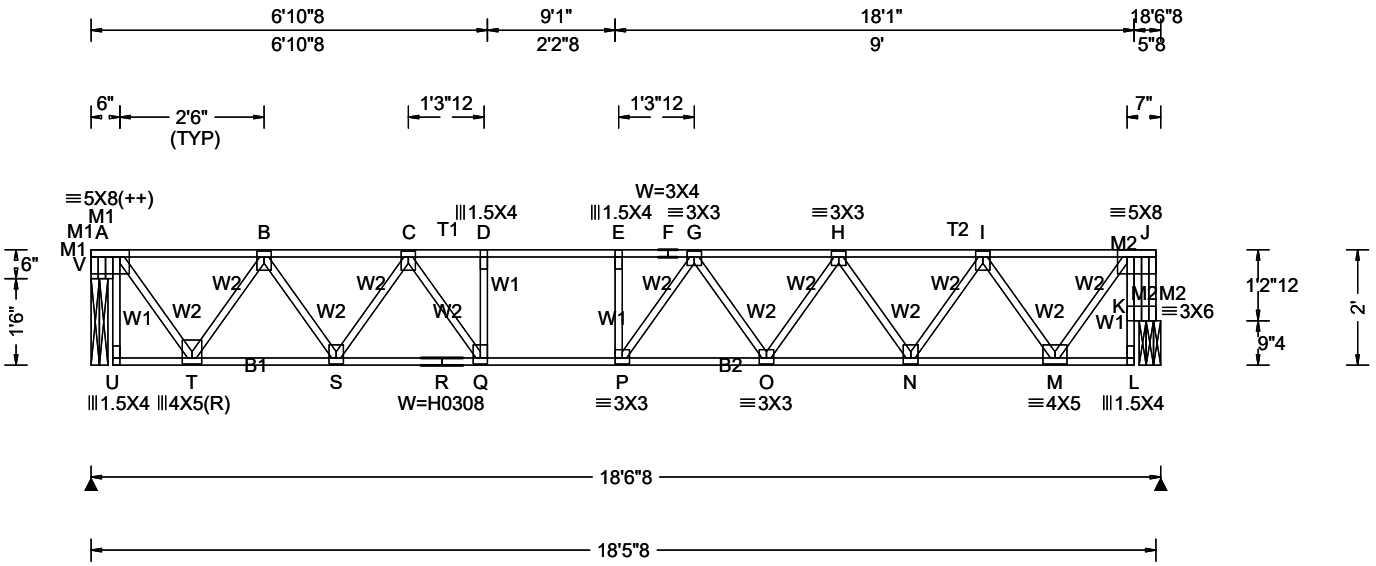
Max JT VERT DEFL: LL: 0.44" DL: 0.29". See detail DEFLCAMB1014 for camber recommendations.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F14	Ply: 1 Qty: 15 Wgt: 127.4 lbs	SEQN: 81486 / T20 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00

NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.233	E	931	480
VERT(TL): 0.381	P	569	360
HORZ(LL): 0.056	L	-	-
HORZ(TL): 0.085	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.764
Max BC CSI: 0.882
Max Web CSI: 0.841
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
V	1041	/-	/-	/-	/-	/-
K	1041	/-	/-	/-	/-	/-

V Brg Wid = 3.5 Min Req = 1.5
K Brg Wid = 4.5 Min Req = 1.5
Bearings V & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-737	F - G	0	-2396
B - C	0	-1700	G - H	0	-2276
C - D	0	-2384	H - I	0	-1708
D - E	0	-2396	I - J	0	-748
E - F	0	-2396			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
U - T	40	0	P - O	2430	0
T - S	1344	0	O - N	2071	0
S - R	2061	0	N - M	1331	0
R - Q	2061	0	M - L	85	0
Q - P	2396	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - V	9	-374	P - G	281	-262
A - T	1179	0	G - O	0	-296
V - A	0	-840	O - H	370	0
V - U	8	0	H - N	0	-653
T - B	0	-1095	N - I	680	0
B - S	641	0	I - M	0	-1051
S - C	0	-650	M - J	1122	0
C - Q	739	0	K - L	6	0
Q - D	0	-435	K - J	0	-99
E - P	101	-182	J - K	8	-959

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #1 T2 4x2 SP #2;
Bot chord 4x2 SP #2 B2 4x2 SP #1;
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X4(R) except as noted.

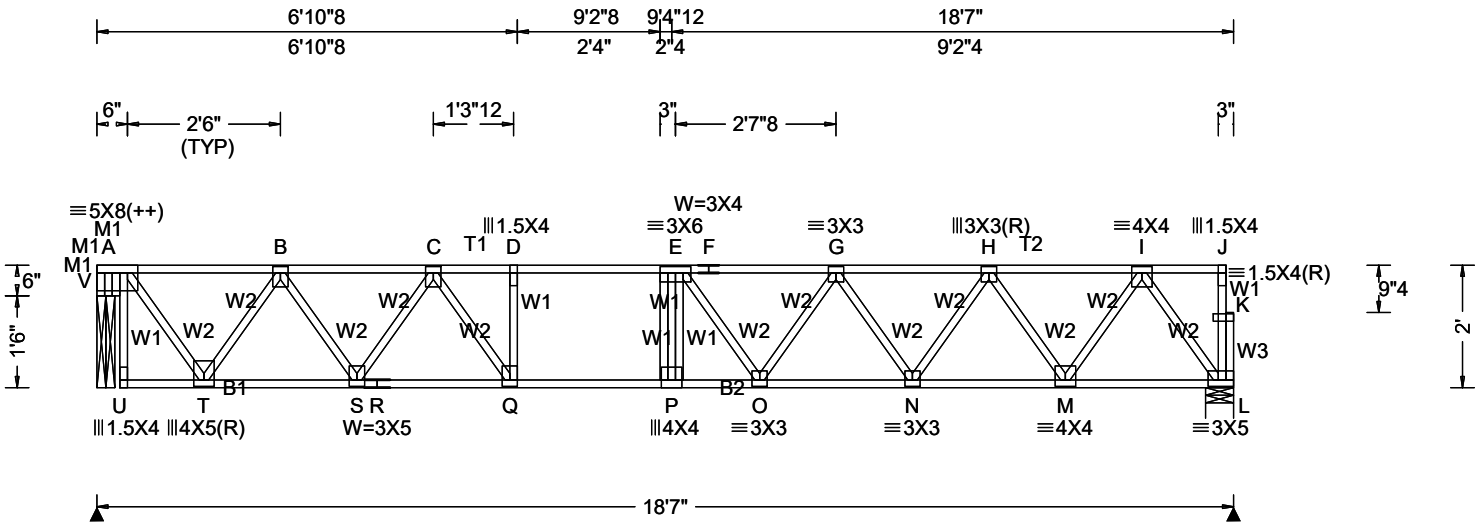
(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F15	Ply: 1 Qty: 32 Wgt: 128.8 lbs	SEQN: 81487 / T19 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.216	P	999	480
VERT(TL): 0.365	P	598	360
HORZ(LL): 0.052	L	-	-
HORZ(TL): 0.080	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.715
Max BC CSI: 0.638
Max Web CSI: 0.649
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
V	1048	/-	/-	/-	/-	/-
L	1040	/-	/-	/-	/-	/-

V Brg Wid = 3.5 Min Req = 1.5
L Brg Wid = 5.5 Min Req = 1.5
Bearings V & L are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-741	F - G	0	-2409
B - C	0	-1715	G - H	0	-1998
C - D	0	-2423	H - I	0	-1195
D - E	0	-2435	I - J	1	0
E - F	0	-2409			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
U - T	35	0	P - O	2439	0
T - S	1356	0	O - N	2303	0
S - R	2086	0	N - M	1678	0
R - Q	2086	0	M - L	686	0
Q - P	2435	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - V	9	-408	E - O	156	-321
A - T	1194	0	O - G	312	0
V - A	0	-814	G - N	0	-550
V - U	8	0	N - H	577	0
T - B	0	-1108	H - M	0	-870
B - S	647	0	M - I	917	0
S - C	0	-669	I - L	0	-1197
C - Q	769	0	J - K	0	-36
Q - D	0	-417	L - K	0	-12
P - E	68	-229	K - L	0	-45

Lumber

Value Set: NDS 2015

Top chord 4x2 SP 2400f-2.0E T2 4x2 SP #1;
Bot chord 4x2 SP #2 B2 4x2 SP 2400f-2.0E;
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X4(R) except as noted.

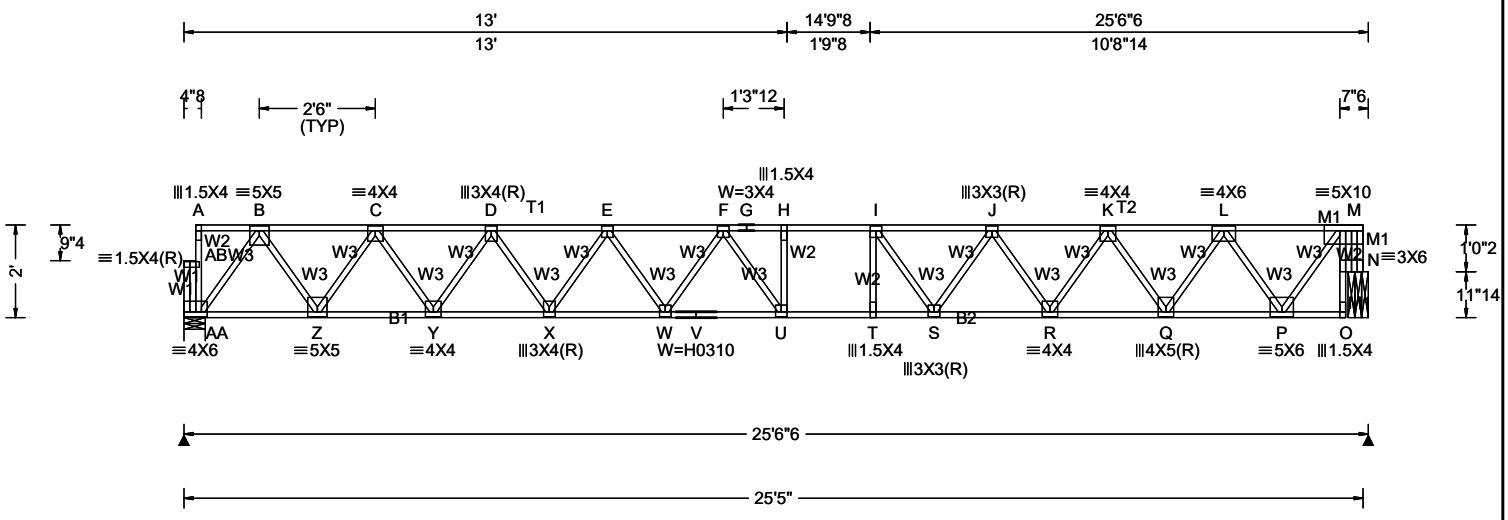
(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F16	Ply: 1 Qty: 7 Wgt: 169.4 lbs	SEQN: 81488 / T53 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.436	H	685	480
VERT(TL): 0.673	H	443	360
HORZ(LL): 0.078	B	-	-
HORZ(TL): 0.121	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.927
Max BC CSI: 0.869
Max Web CSI: 0.945
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
AA	1421	/-	/-	/-	/-	/-
N	1430	/-	/-	/-	/-	/-

AA Brg Wid = 5.5 Min Req = 1.5 (Truss)
N Brg Wid = 5.2 Min Req = 1.5 (Support)
Bearings AA & N are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	G - H	0	-4618
B - C	0	-1712	H - I	0	-4619
C - D	0	-3016	I - J	0	-4311
D - E	0	-3939	J - K	0	-3602
E - F	0	-4494	K - L	0	-2531
F - G	0	-4618	L - M	0	-1039

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AA- Z	950	0	U - T	4619	0
Z - Y	2450	0	T - S	4614	0
Y - X	3560	0	S - R	4033	0
X - W	4301	0	R - Q	3144	0
W - V	4641	0	Q - P	1896	0
V - U	4641	0	P - O	75	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AB-AA	4	-73	T - I	327	-111
A -AB	0	-37	I - S	0	-775
AA- B	0	-1657	S - J	615	0
B - Z	1375	0	J - R	0	-777
Z - C	0	-1331	R - K	825	0
C - Y	1021	0	K - Q	0	-1106
Y - D	0	-980	Q - L	1144	0
D - X	683	0	L - P	0	-1546
X - E	0	-652	P - M	1629	0
E - W	383	0	N - O	8	0
W - F	0	-384	N - M	0	-227
F - U	392	-362	M - N	9	-1232
U - H	102	-200			

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2 T2 4x2 SP #1;
Bot chord 4x2 SP #1 B2 4x2 SP 2400f-2.0E;
Webs 4x2 SP #3
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3 except as noted.

Deflection

Max JT VERT DEFL: LL: 0.44" DL: 0.29". See detail DEFLCAMB1014 for camber recommendations.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

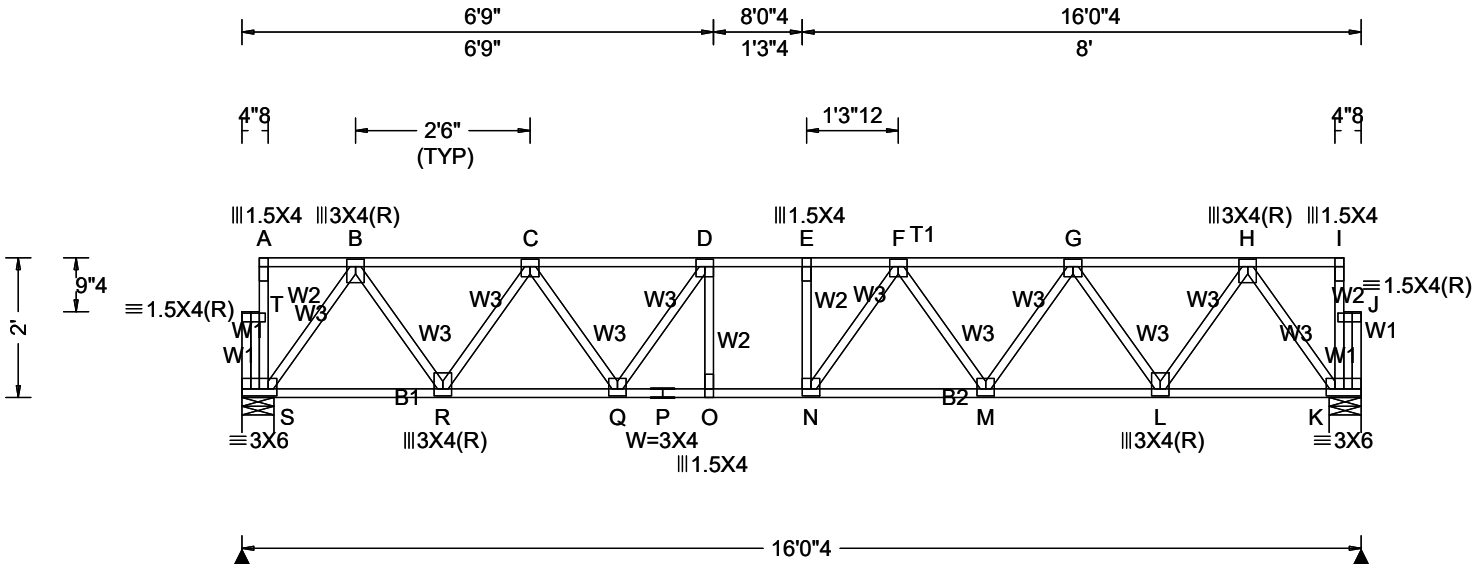
****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F17	Ply: 1 Qty: 2 Wgt: 114.8 lbs	SEQN: 81489 / T14 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.100	E	999	480
VERT(TL): 0.156	N	999	360
HORZ(LL): 0.020	K	-	-
HORZ(TL): 0.031	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.526
Max BC CSI: 0.689
Max Web CSI: 0.348
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

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

Plating Notes
All plates are 3X3 except as noted.

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

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
S	883 /-	/-	/-	/-	/-
K	883 /-	/-	/-	/-	/-

S Brg Wid = 5.5 Min Req = 1.5 (Truss)
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings S & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	E - F	0	-1770
B - C	0	-979	F - G	0	-1567
C - D	0	-1566	G - H	0	-978
D - E	0	-1771	H - I	3	0

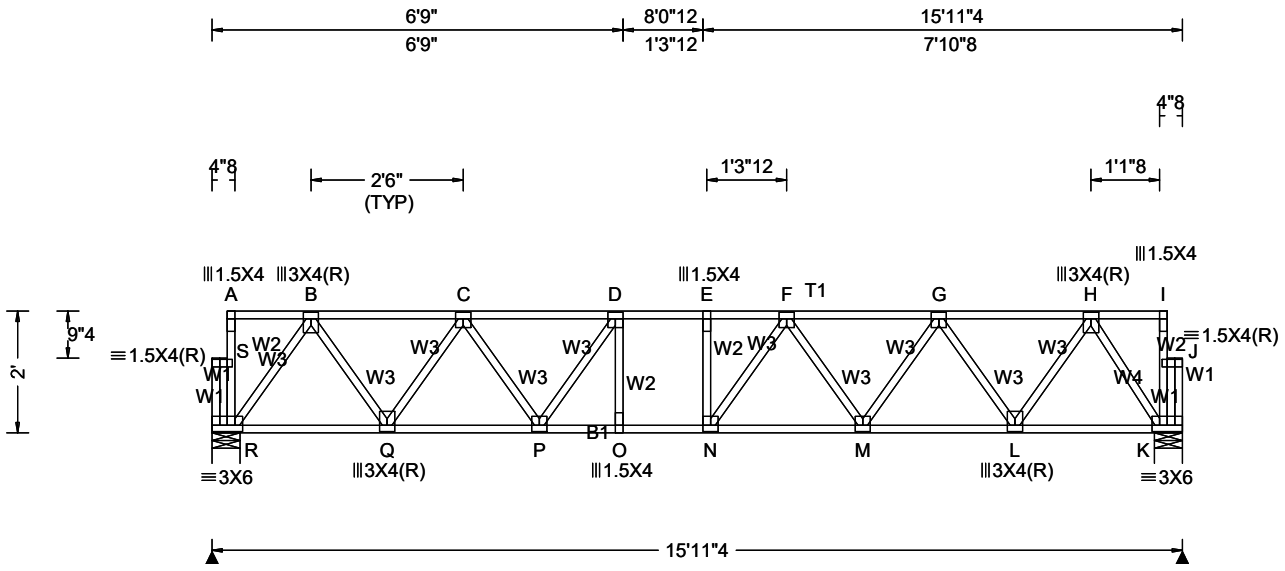
Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
S - R	574	0	O - N	1771	0
R - Q	1357	0	N - M	1745	0
Q - P	1769	0	M - L	1361	0
P - O	1769	0	L - K	573	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
T - S	4	-75	N - F	261	-140
A - T	0	-39	F - M	0	-320
S - B	0	-1002	M - G	373	0
B - R	729	0	G - L	0	-689
R - C	0	-682	L - H	730	0
C - Q	402	0	H - K	0	-1000
Q - D	0	-446	I - J	0	-38
D - O	156	-64	K - J	4	-34
E - N	33	-130	J - K	0	-39

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F18	Ply: 1 Qty: 3 Wgt: 113.4 lbs	SEQN: 81491 / T21 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.098	E	999	480
VERT(TL): 0.155	E	999	360
HORZ(LL): 0.020	K	-	-
HORZ(TL): 0.030	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.527
Max BC CSI: 0.682
Max Web CSI: 0.353
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
R	878	/-	/-	/-	/-	/-
K	878	/-	/-	/-	/-	/-

R Brg Wid = 5.5 Min Req = 1.5 (Truss)
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings R & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	E - F	0	-1752
B - C	0	-972	F - G	0	-1534
C - D	0	-1553	G - H	0	-933
D - E	0	-1753	H - I	3	0

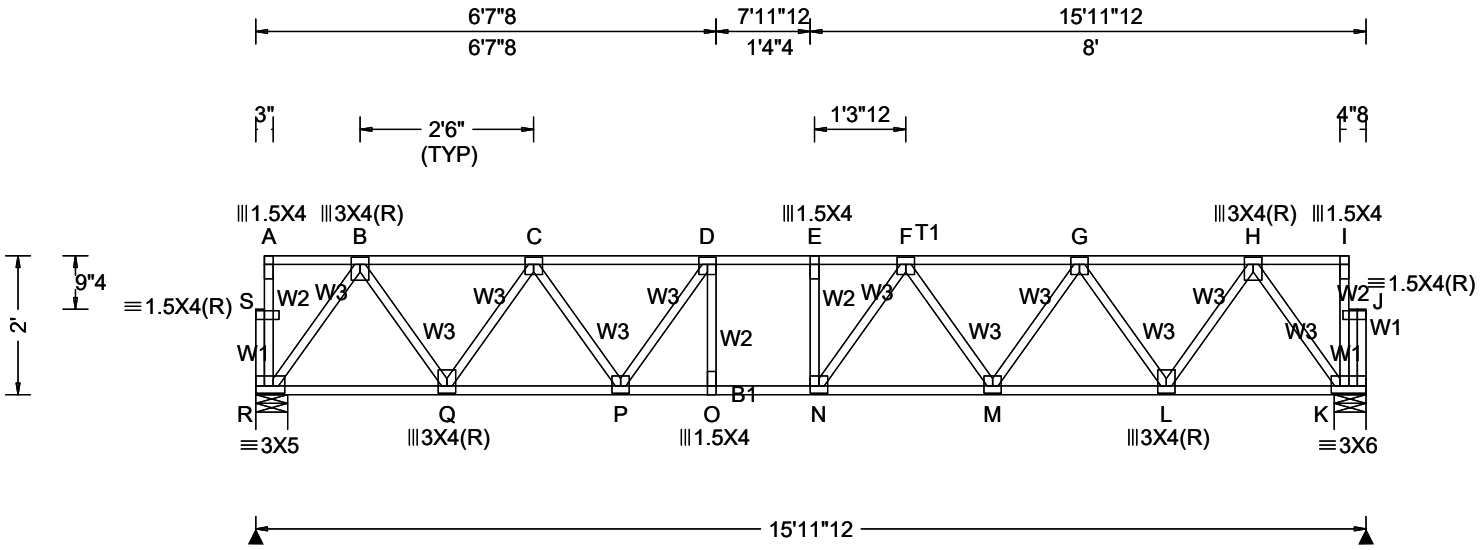
Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	571	0	N - M	1718	0
Q - P	1347	0	M - L	1321	0
P - O	1752	0	L - K	521	0
O - N	1753	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
S - R	4	-75	N - F	272	-127
A - S	0	-39	F - M	0	-332
R - B	0	-996	M - G	384	0
B - Q	724	0	G - L	0	-701
Q - C	0	-676	L - H	741	0
C - P	397	0	H - K	0	-975
P - D	0	-440	I - J	0	-29
D - O	152	-67	K - J	3	-33
E - N	26	-136	J - K	0	-31

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F19	Ply: 1 Qty: 7 Wgt: 110.6 lbs	SEQN: 81492 / T23 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.103	E	999	480
VERT(TL): 0.164	E	999	360
HORZ(LL): 0.020	K	-	-
HORZ(TL): 0.032	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.428
Max BC CSI: 0.714
Max Web CSI: 0.351
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
R	886 /-	/-	/-	/-	/-
K	888 /-	/-	/-	/-	/-

R Brg Wid = 5.5 Min Req = 1.5
K Brg Wid = 5.5 Min Req = 1.5
Bearings R & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	E - F	0	-1788
B - C	0	-985	F - G	0	-1580
C - D	0	-1579	G - H	0	-985
D - E	0	-1789	H - I	3	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	578	0	N - M	1760	0
Q - P	1366	0	M - L	1370	0
P - O	1788	0	L - K	576	0
O - N	1789	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
S - R	0	-61	N - F	269	-137
A - S	0	-39	F - M	0	-325
R - B	0	-1008	M - G	379	0
B - Q	734	0	G - L	0	-695
Q - C	0	-687	L - H	736	0
C - P	409	0	H - K	0	-1006
P - D	0	-458	I - J	0	-38
D - O	160	-63	K - J	4	-34
E - N	30	-137	J - K	0	-39

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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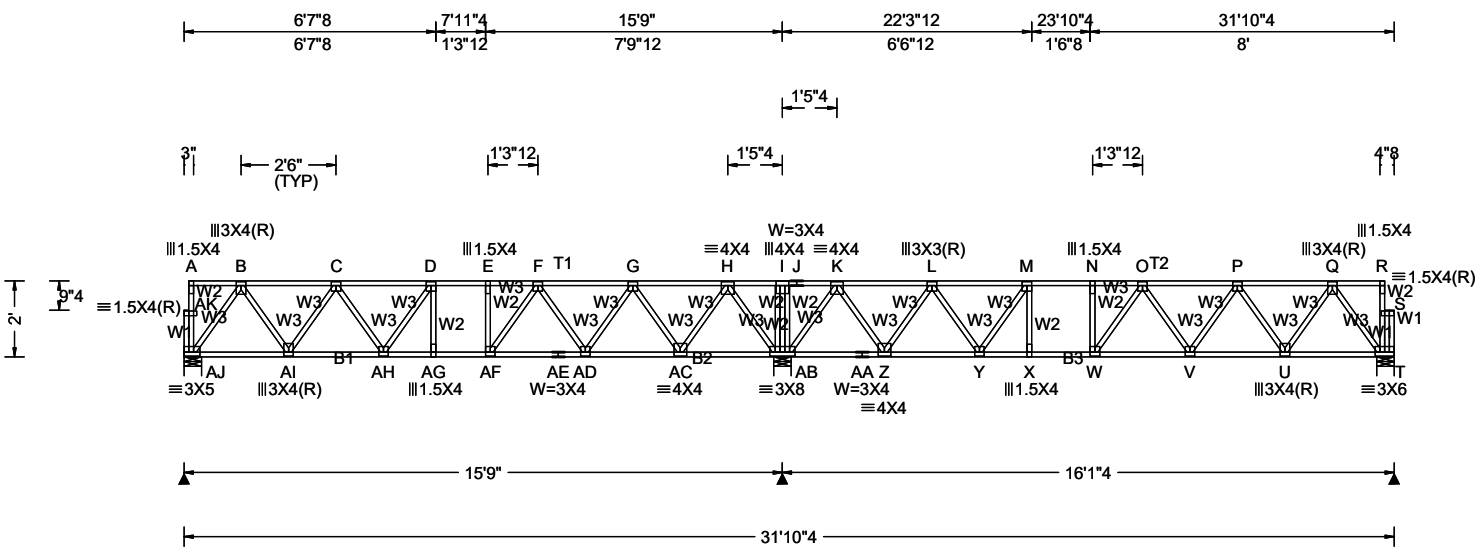
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F20	Ply: 1 Qty: 9 Wgt: 215.6 lbs	SEQN: 81493 / T12 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.125	N	999	480
VERT(TL): 0.199	W	950	360
HORZ(LL): 0.026	T	-	-
HORZ(TL): 0.041	T	-	-

Creep Factor: 2.0
Max TC CSI: 0.652
Max BC CSI: 0.883
Max Web CSI: 0.415
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AJ	825 /-	/-	/-	/-	/-
AB	2010 /-	/-	/-	/-	/-
T	857 /-	/-	/-	/-	/-

AJ Brg Wid = 5.5 Min Req = 1.5
AB Brg Wid = 5.5 Min Req = 1.5
T Brg Wid = 5.5 Min Req = 1.5
Bearings AJ, AB, & T are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	J - K	1033	0
B - C	0	-885	K - L	209	-531
C - D	0	-1378	L - M	0	-1235
D - E	0	-1512	M - N	0	-1530
E - F	0	-1508	N - O	0	-1530
F - G	0	-1178	O - P	0	-1433
G - H	145	-493	P - Q	0	-905
H - I	1033	0	Q - R	3	0
I - J	1033	0			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AJ-AI	525	0	AB-AA	80	-431
AI-AH	1221	0	AA- Z	80	-431
AH-AG	1512	0	Z - Y	962	-29
AG-AF	1512	0	Y - X	1526	0
AF-AE	1410	0	X - W	1530	0
AE-AD	1410	0	W - V	1568	0
AD-AC	925	0	V - U	1256	0
AC-AB	43	-367	U - T	535	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AK-AJ	0	-62	AB- K	0	-1159
A -AK	0	-41	K - Z	867	0
AJ- B	0	-917	Z - L	0	-829
B -AI	650	0	L - Y	560	0
AI- C	0	-605	Y - M	0	-632
C -AH	301	0	M - X	238	0
AH- D	36	-311	N - W	94	-81
D -AG	92	-135	W - O	136	-282
E -AF	0	-205	O - V	6	-244
AF- F	416	0	V - P	319	0

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

Plating Notes
All plates are 3X3 except as noted.

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

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Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F20	Ply: 1 Qty: 9 Wgt: 215.6 lbs	SEQN: 81493 / T12 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

F -AD	0	-486	P - U	0	-632
AD- G	513	0	U - Q	668	0
G -AC	0	-839	Q - T	0	-938
AC- H	872	0	R - S	0	-37
H -AB	0	-1146	T - S	4	-34
I -AB	0	-147	S - T	0	-39

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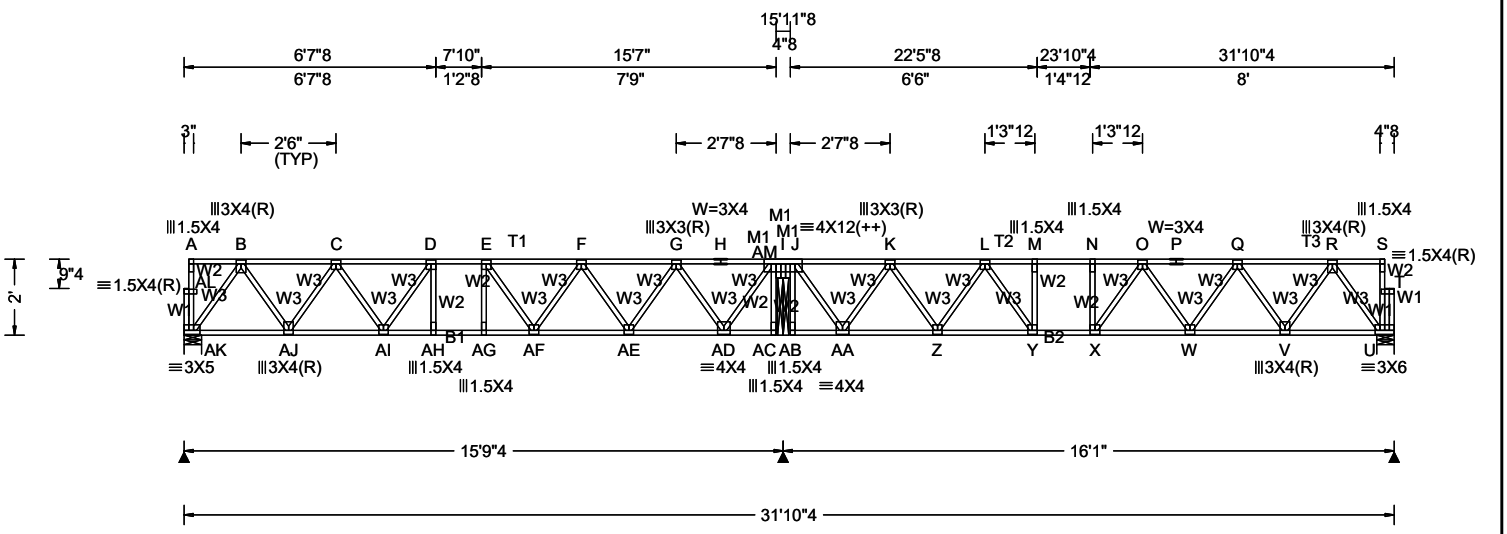
Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F21	Ply: 1 Qty: 5 Wgt: 217.0 lbs	SEQN: 81494 / T17 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.109	N	999	480
VERT(TL): 0.174	N	999	360
HORZ(LL): -0.025	R	-	-
HORZ(TL): 0.043	R	-	-

Creep Factor: 2.0
Max TC CSI: 0.564
Max BC CSI: 0.804
Max Web CSI: 0.451
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AK	894	/-	/-	/-	/-	/-
AM	1808	/-	/-	/-	/-	/-
U	919	/-	/-	/-	/-	/-

AK Brg Wid = 5.5 Min Req = 1.5
AM Brg Wid = 3.5 Min Req = 1.5
U Brg Wid = 5.5 Min Req = 1.5
Bearings AK, AM, & U are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - K	0	-571	K - L	0	-1355
A - B	1	0	L - M	0	-1805
B - C	0	-979	M - N	0	-1811
C - D	0	-1564	N - O	0	-1809
D - E	0	-1776	O - P	0	-1596
E - F	0	-1717	P - Q	0	-1596
F - G	0	-1339	Q - R	0	-991
G - H	0	-560	R - S	3	0
H - I	0	-560			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AK-AJ	574	0	AB-AA	11	-15
AJ-AI	1356	0	AA- Z	1060	0
AI-AH	1773	0	Z - Y	1634	0
AH-AG	1776	0	Y - X	1811	0
AG-AF	1778	0	X - W	1779	0
AF-AE	1616	0	W - V	1381	0
AE-AD	1041	0	V - U	578	0
AD-AC	11	-15			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL-AK	0	-61	AM-AC	7	0
A -AL	0	-39	AM- J	0	-1052
AK- B	0	-1002	AM-AB	8	0
B -AJ	730	0	AA- K	0	-881
AJ- C	0	-681	K - Z	546	0
C -AI	394	0	Z - L	0	-521
AI- D	0	-450	L - Y	459	0
D -AH	201	-77	Y - M	0	-262
AG- E	105	-173	N - X	53	-162
E -AF	71	-274	X - O	273	-144

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F21	Ply: 1 Qty: 5 Wgt: 217.0 lbs	SEQN: 81494 / T17 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

AF- F	264	0	O - W	0	- 331
F -AE	0	- 514	W - Q	387	0
AE- G	552	0	Q - V	0	- 703
G -AD	0	- 866	V - R	744	0
AD- I	929	0	R - U	0	- 1014
I -AM	8	- 1053	S - T	0	- 38
J -AM	9	0	U - T	4	- 34
J -AA	948	0	T - U	0	- 39

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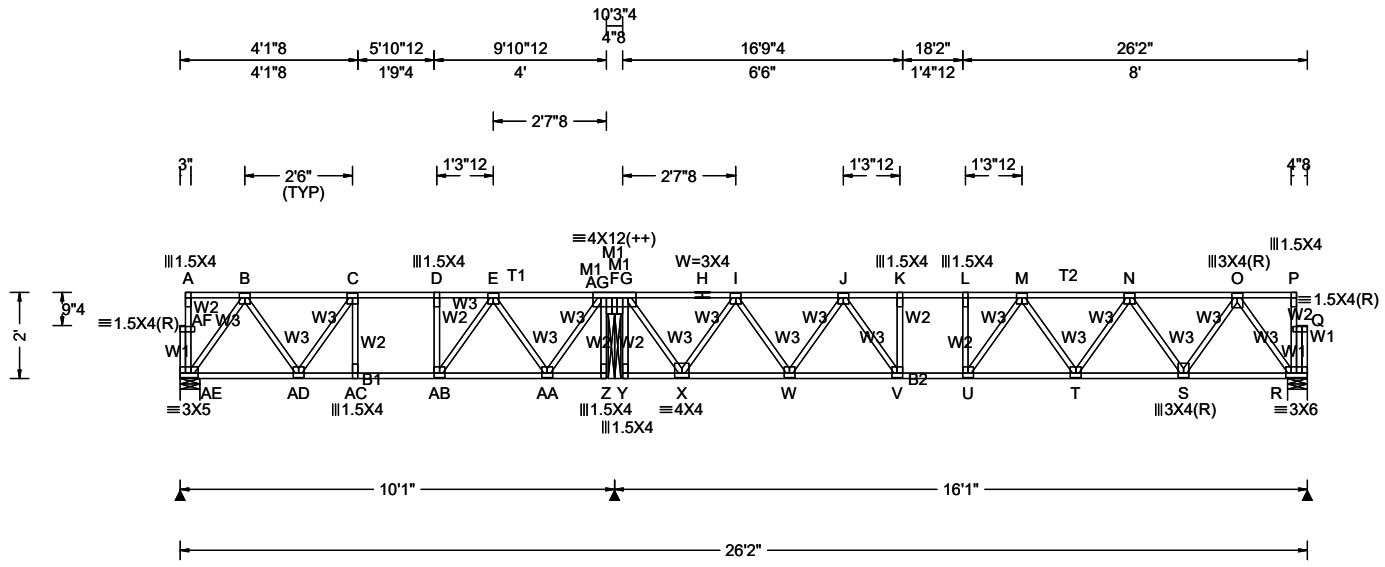
Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F22	Ply: 1 Qty: 4 Wgt: 179.2 lbs	SEQN: 81495 / T10 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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):	0.110 L	999	480
VERT(TL):	0.174 L	999	360
HORZ(LL):	-0.026 O	-	-
HORZ(TL):	0.043 O	-	-

Creep Factor: 2.0
Max TC CSI: 0.577
Max BC CSI: 0.675
Max Web CSI: 0.453
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AE	570 /-	/-	/-	/-	/-
AG	1488 /-	/-	/-	/-	/-
R	920 /-	/-	/-	/-	/-

AE Brg Wid = 5.5 Min Req = 1.5
AG Brg Wid = 3.5 Min Req = 1.5
R Brg Wid = 5.5 Min Req = 1.5
Bearings AE, AG, & R are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
F - H	0	-576	I - J	0	-1360
A - B	1	0	J - K	0	-1808
B - C	0	-534	K - L	0	-1815
C - D	0	-693	L - M	0	-1813
D - E	0	-689	M - N	0	-1598
E - F	0	-314	N - O	0	-992
H - I	0	-576	O - P	3	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AE-AD	348	0	X - W	1067	0
AD-AC	693	0	W - V	1639	0
AC-AB	693	0	V - U	1815	0
AB-AA	577	0	U - T	1782	0
AA- Z	7	-16	T - S	1383	0
Y - X	13	-8	S - R	579	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AF-AE	0	-56	X - I	0	-885
A -AF	0	-35	I - W	539	0
AE- B	0	-609	W - J	0	-513
B -AD	334	0	J - V	456	0
AD- C	0	-295	V - K	0	-262
C -AC	70	-62	L - U	50	-163
D -AB	0	-185	U - M	275	-139
AB- E	330	0	M - T	0	-332
E -AA	0	-474	T - N	388	0
AA- F	520	0	N - S	0	-704
G -AG	9	0	S - O	745	0
G - X	952	0	O - R	0	-1015
F -AG	14	-807	P - Q	0	-38
AG- Z	13	0	R - Q	4	-34

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F22	Ply: 1 Qty: 4 Wgt: 179.2 lbs	SEQN: 81495 / T10 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

AG- G	0	-925	Q - R	0	-39		
AG- Y	8	0					

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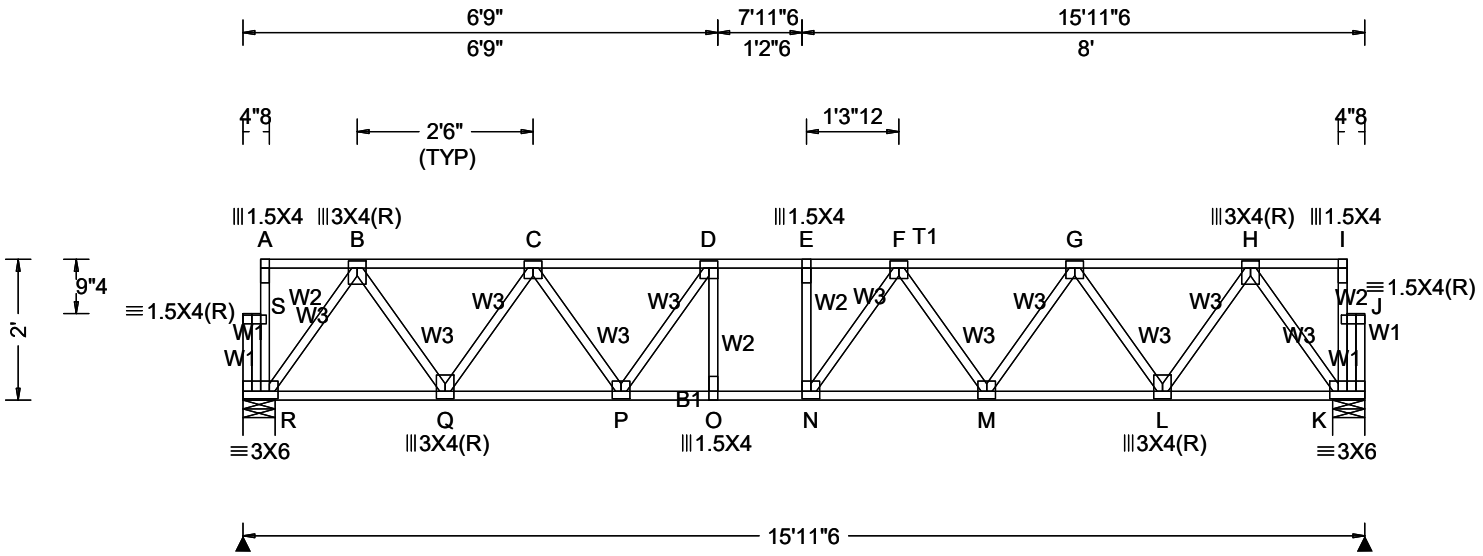
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F23	Ply: 1 Qty: 13 Wgt: 113.4 lbs	SEQN: 81487 / T30 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00

NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.098	E	999	480
VERT(TL): 0.149	N	999	360
HORZ(LL): 0.020	K	-	-
HORZ(TL): 0.031	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.449
Max BC CSI: 0.668
Max Web CSI: 0.345
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
R	879 /-	/-	/-	/-	/-
K	879 /-	/-	/-	/-	/-

R Brg Wid = 5.5 Min Req = 1.5 (Truss)
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings R & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	E - F	0	-1754
B - C	0	-973	F - G	0	-1556
C - D	0	-1554	G - H	0	-973
D - E	0	-1755	H - I	3	0

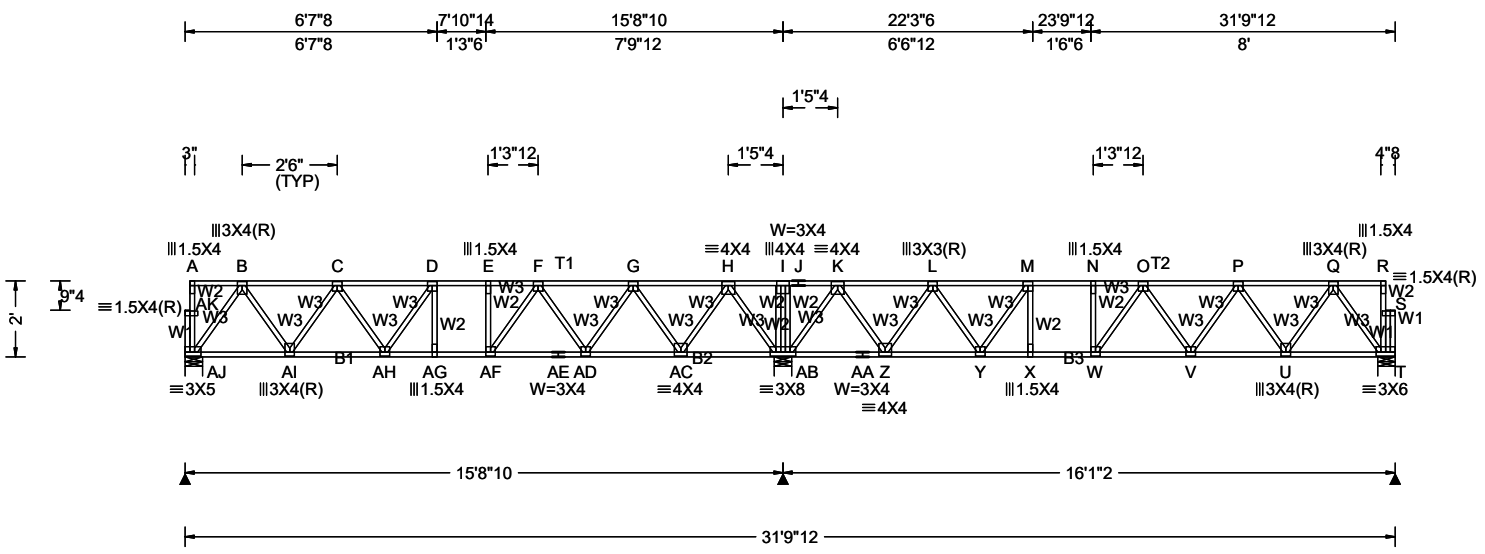
Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	571	0	N - M	1731	0
Q - P	1349	0	M - L	1352	0
P - O	1754	0	L - K	570	0
O - N	1755	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
S - R	4	-75	N - F	254	-141
A - S	0	-39	F - M	0	-316
R - B	0	-997	M - G	367	0
B - Q	724	0	G - L	0	-684
Q - C	0	-677	L - H	726	0
C - P	396	0	H - K	0	-995
P - D	0	-436	I - J	0	-38
D - O	152	-66	K - J	4	-34
E - N	36	-124	J - K	0	-39

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F24	Ply: 1 Qty: 8 Wgt: 215.6 lbs	SEQN: 81497 / T6 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)
TCLL: 55.00
TCDL: 20.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 85.00
NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.124	N	999	480
VERT(TL): 0.198	W	957	360
HORZ(LL): 0.026	T	-	-
HORZ(TL): 0.041	T	-	-

Creep Factor: 2.0
Max TC CSI: 0.648
Max BC CSI: 0.878
Max Web CSI: 0.414
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AJ	823	/-	/-	/-	/-	/-
AB	2008	/-	/-	/-	/-	/-
T	856	/-	/-	/-	/-	/-

AJ Brg Wid = 5.5 Min Req = 1.5
AB Brg Wid = 5.5 Min Req = 1.5
T Brg Wid = 5.5 Min Req = 1.5
Bearings AJ, AB, & T are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	J - K	1033	0
B - C	0	-882	K - L	209	-528
C - D	0	-1372	L - M	0	-1232
D - E	0	-1504	M - N	0	-1526
E - F	0	-1501	N - O	0	-1526
F - G	0	-1173	O - P	0	-1430
G - H	149	-489	P - Q	0	-904
H - I	1033	0	Q - R	3	0
I - J	1033	0			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AJ-AI	523	0	AB-AA	76	-432
AI-AH	1217	0	AA- Z	76	-432
AH-AG	1505	0	Z - Y	958	-29
AG-AF	1504	0	Y - X	1522	0
AF-AE	1404	0	X - W	1526	0
AE-AD	1404	0	W - V	1564	0
AD-AC	921	0	V - U	1254	0
AC-AB	40	-366	U - T	534	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AK-AJ	0	-62	AB- K	0	-1158
A -AK	0	-41	K - Z	866	0
AJ- B	0	-914	Z - L	0	-828
B -AI	647	0	L - Y	559	0
AI- C	0	-603	Y - M	0	-630
C -AH	299	0	M - X	237	0
AH- D	39	-309	N - W	94	-79
D -AG	91	-135	W - O	134	-281
E -AF	0	-202	O - V	6	-242
AF- F	413	-1	V - P	318	0

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

Plating Notes
All plates are 3X3 except as noted.

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

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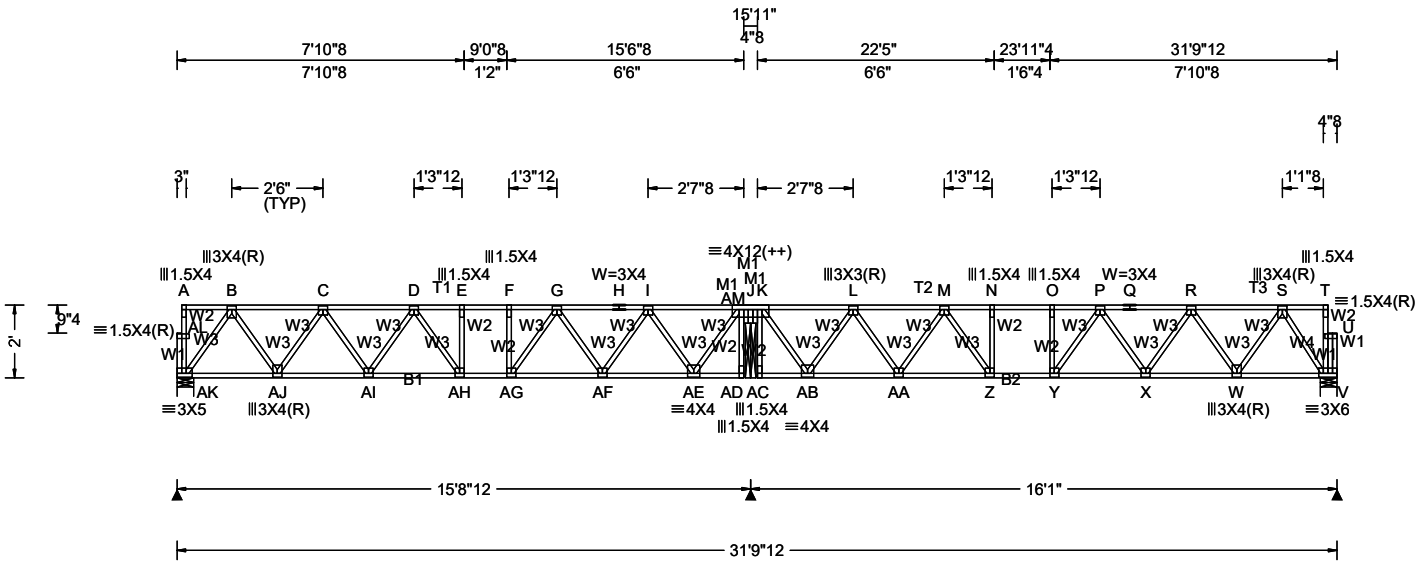
Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F24	Ply: 1 Qty: 8 Wgt: 215.6 lbs	SEQN: 81497 / T6 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

F -AD	0	-484	P - U	0	-630
AD- G	511	0	U - Q	667	0
G -AC	0	-837	Q - T	0	-937
AC- H	870	0	R - S	0	-37
H -AB	0	-1144	T - S	4	-34
I -AB	0	-147	S - T	0	-39

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F25	Ply: 1 Qty: 5 Wgt: 217.0 lbs	SEQN: 81498 / T22 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.110	O	999	480
VERT(TL): 0.175	O	999	360
HORZ(LL): 0.022	B	-	-
HORZ(TL): 0.036	S	-	-

Creep Factor: 2.0
Max TC CSI: 0.547
Max BC CSI: 0.695
Max Web CSI: 0.452
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
AK	892	/-	/-	/-	/-	/-
AM	1805	/-	/-	/-	/-	/-
V	919	/-	/-	/-	/-	/-

AK Brg Wid = 5.5 Min Req = 1.5
AM Brg Wid = 3.5 Min Req = 1.5
V Brg Wid = 5.5 Min Req = 1.5
Bearings AK, AM, & V are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - L	0	-572	I - J	0	-562
A - B	1	0	L - M	0	-1355
B - C	0	-975	M - N	0	-1806
C - D	0	-1562	N - O	0	-1812
D - E	0	-1760	O - P	0	-1810
E - F	0	-1761	P - Q	0	-1575
F - G	0	-1756	Q - R	0	-1575
G - H	0	-1329	R - S	0	-951
H - I	0	-1329	S - T	3	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AK-AJ	571	0	AC-AB	11	-14
AJ-AI	1356	0	AB-AA	1061	0
AI-AH	1737	0	AA- Z	1635	0
AH-AG	1761	0	Z - Y	1812	0
AG-AF	1599	0	Y - X	1768	0
AF-AE	1042	0	X - W	1351	0
AE-AD	11	-15	W - V	529	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL-AK	0	-59	AM-AD	8	0
A -AL	0	-38	AM- K	0	-1054
AK- B	0	-998	AM-AC	8	0
B -AJ	728	0	AB- L	0	-882
AJ- C	0	-687	L -AA	545	0
C -AI	370	0	AA- M	0	-519
AI- D	0	-317	M - Z	465	0
D -AH	249	-149	Z - N	0	-268
AH- E	60	-145	O - Y	41	-175
F -AG	0	-240	Y - P	292	-127
AG- G	425	0	P - X	0	-348

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Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F25	Ply: 1 Qty: 5 Wgt: 217.0 lbs	SEQN: 81498 / T22 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

G -AF	0	-503	X - R	404	0
AF- I	531	0	R - W	0	-721
I -AE	0	-866	W - S	760	0
AE- J	932	0	S - V	0	-994
K -AM	9	0	T - U	0	-29
K -AB	948	0	V - U	3	-33
J -AM	9	-1049	U - V	0	-32

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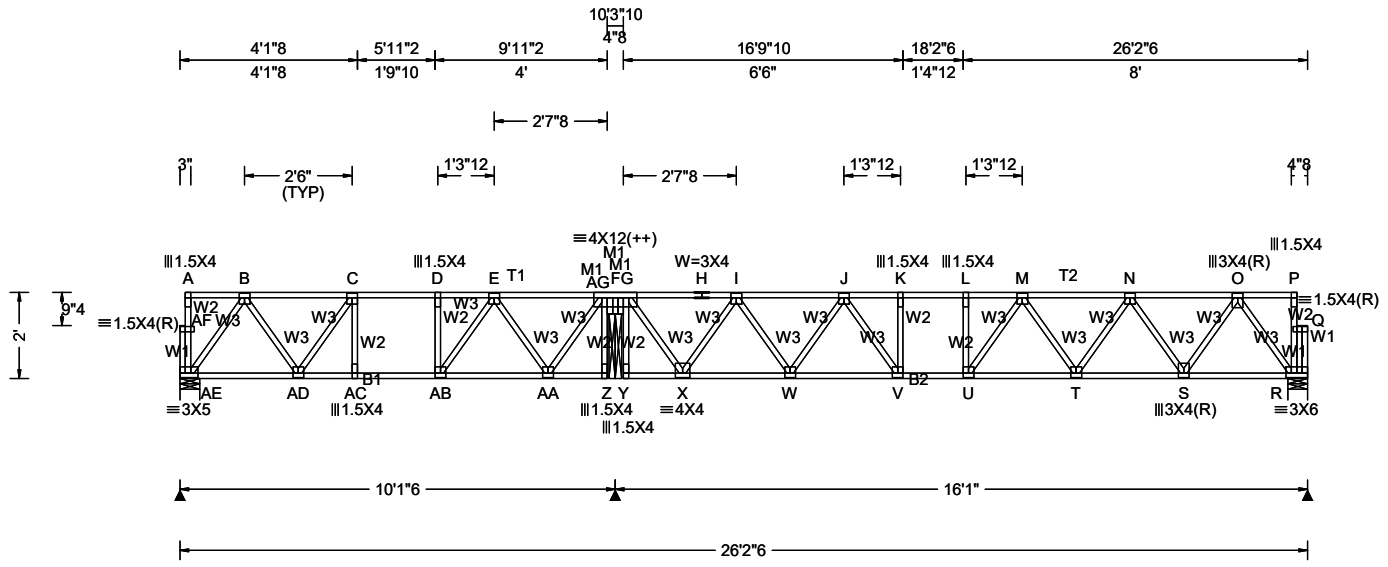
Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F26	Ply: 1 Qty: 4 Wgt: 179.2 lbs	SEQN: 81499 / T24 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.110	L	999	480
VERT(TL): 0.174	L	999	360
HORZ(LL): -0.027	O	-	-
HORZ(TL): 0.044	O	-	-

Creep Factor: 2.0
Max TC CSI: 0.577
Max BC CSI: 0.675
Max Web CSI: 0.453
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AE	571 / -	-	-	-	-
AG	1490 / -	-	-	-	-
R	920 / -	-	-	-	-

AE Brg Wid = 5.5 Min Req = 1.5
AG Brg Wid = 3.5 Min Req = 1.5
R Brg Wid = 5.5 Min Req = 1.5
Bearings AE, AG, & R are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
F - H	0	-576	I - J	0	-1360
A - B	1	0	J - K	0	-1809
B - C	0	-536	K - L	0	-1815
C - D	0	-697	L - M	0	-1813
D - E	0	-693	M - N	0	-1598
E - F	0	-316	N - O	0	-992
H - I	0	-576	O - P	3	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AE-AD	350	0	X - W	1067	0
AD-AC	697	0	W - V	1639	0
AC-AB	697	0	V - U	1815	0
AB-AA	580	0	U - T	1782	0
AA- Z	7	-16	T - S	1383	0
Y - X	13	-8	S - R	579	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AF-AE	0	-56	X - I	0	-885
A -AF	0	-35	I - W	539	0
AE- B	0	-611	W - J	0	-513
B -AD	337	0	J - V	456	0
AD- C	0	-298	V - K	0	-262
C -AC	70	-61	L - U	50	-163
D -AB	0	-188	U - M	275	-139
AB- E	333	0	M - T	0	-332
E -AA	0	-476	T - N	388	0
AA- F	522	0	N - S	0	-704
G -AG	9	0	S - O	745	0
G - X	952	0	O - R	0	-1015
F -AG	14	-809	P - Q	0	-38
AG- Z	13	0	R - Q	4	-34

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F26	Ply: 1 Qty: 4 Wgt: 179.2 lbs	SEQN: 81499 / T24 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

AG- G	0	-926	Q - R	0	-39		
AG- Y	8	0					

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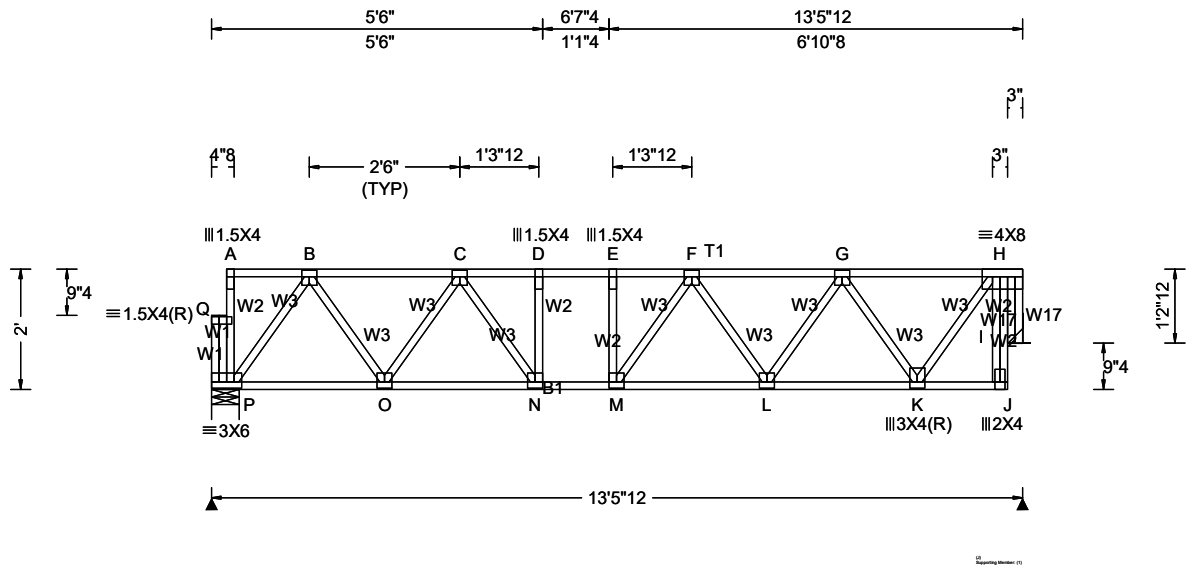
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F27	Ply: 1 Qty: 9 Wgt: 102.2 lbs	SEQN: 81513 / T9 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.063	E	999	480
VERT(TL): 0.097	M	999	360
HORZ(LL): 0.011	J	-	-
HORZ(TL): 0.017	J	-	-

Creep Factor: 2.0
Max TC CSI: 0.418
Max BC CSI: 0.464
Max Web CSI: 0.347
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
P	735 / -	/ -	/ -	/ -	/ -
I	739 / -	/ -	/ -	/ -	/ -

P Brg Wid = 5.5 Min Req = 1.5 (Truss)
I Brg Wid = - Min Req = -
Bearing P is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	E - F	0	-1213
B - C	0	-772	F - G	0	-1034
C - D	0	-1208	G - H	0	-451
D - E	0	-1214			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
P - O	472	0	M - L	1198	0
O - N	1053	0	L - K	838	0
N - M	1214	0	K - J	47	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
Q - P	3	-70	M - F	197	-108
A - Q	0	-35	F - L	0	-297
P - B	0	-825	L - G	353	0
B - O	540	0	G - K	0	-697
O - C	0	-507	K - H	730	0
C - N	379	0	H - I	0	-722
N - D	0	-216	I - H	0	-14
E - M	38	-116	I - J	4	-1

Lumber

Value Set: NDS 2015

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

Plating Notes

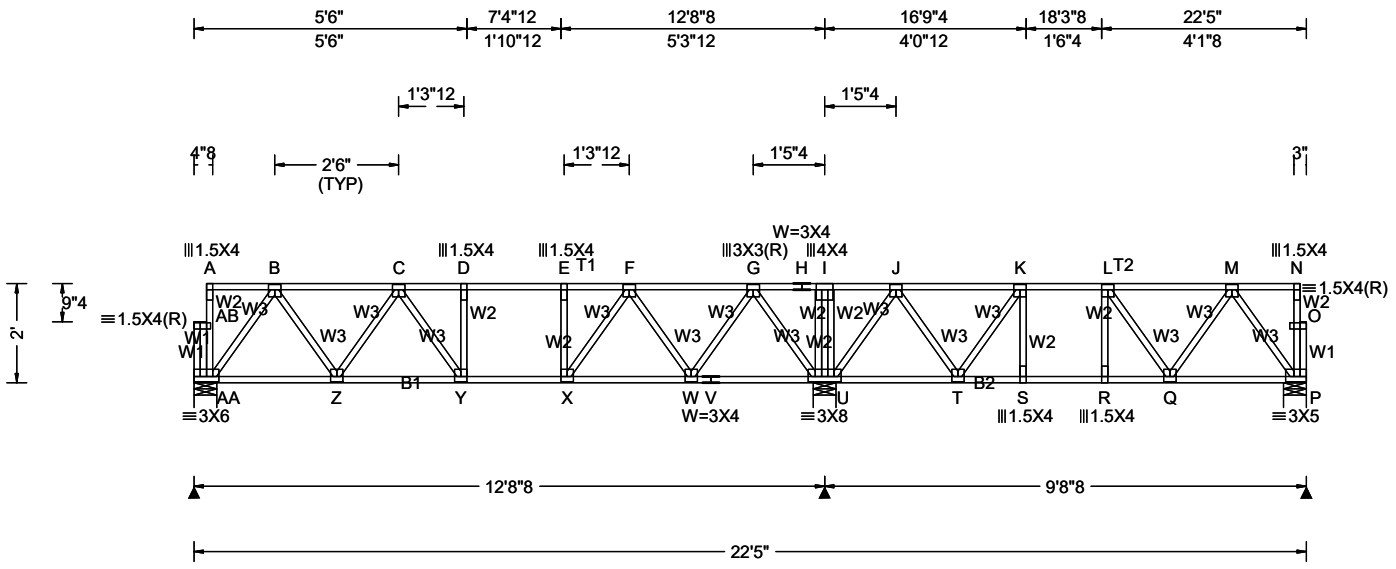
All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F28	Ply: 1 Qty: 6 Wgt: 159.6 lbs	SEQN: 81501 / T57 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)
TCLL: 55.00
TCDL: 20.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 85.00
NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.058	D	999	480
VERT(TL): 0.106	D	999	360
HORZ(LL): 0.017	B	-	-
HORZ(TL): 0.032	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.590
Max BC CSI: 0.468
Max Web CSI: 0.264
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AA	722 /-	/-	/-	/-	/-
U	1333 /-	/-	/-	/-	/-
P	552 /-	/-	/-	/-	/-

AA Brg Wid = 5.5 Min Req = 1.5
U Brg Wid = 5.5 Min Req = 1.5
P Brg Wid = 5.5 Min Req = 1.5
Bearings AA, U, & P are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	H - I	366	0
B - C	0	-720	I - J	366	0
C - D	0	-1081	J - K	0	-501
D - E	0	-1086	K - L	0	-658
E - F	0	-1080	L - M	0	-508
F - G	0	-681	M - N	1	0
G - H	366	0			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AA- Z	444	0	U - T	331	-51
Z - Y	969	0	T - S	657	0
Y - X	1086	0	S - R	658	0
X - W	947	0	R - Q	657	0
W - V	398	0	Q - P	337	0
V - U	398	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AB-AA	4	-72	I - U	0	-130
A -AB	0	-36	U - J	0	-659
AA- B	0	-779	J - T	400	0
B - Z	498	0	T - K	0	-412
Z - C	0	-450	K - S	141	-36
C - Y	291	0	R - L	69	-109
Y - D	0	-183	L - Q	0	-269
E - X	0	-236	Q - M	310	0
X - F	393	0	M - P	0	-589
F - W	0	-535	N - O	0	-33
W - G	554	0	P - O	0	-12
G - U	0	-846	O - P	0	-43

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

Plating Notes
All plates are 3X3 except as noted.

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

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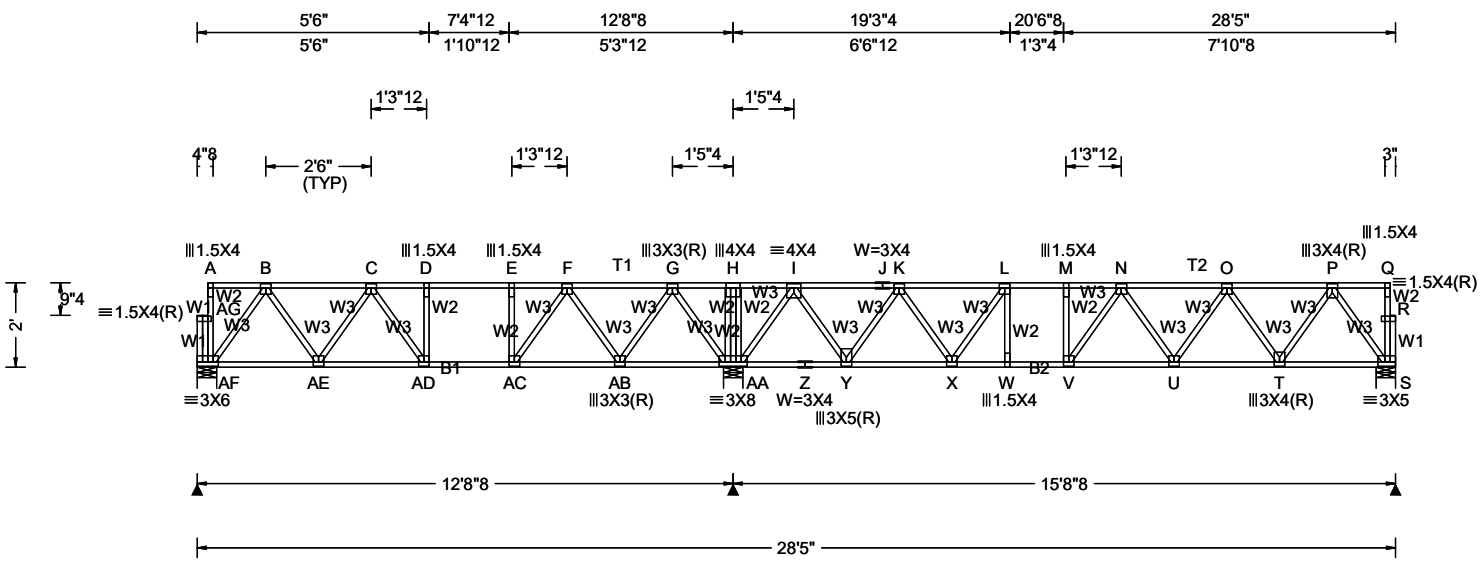
Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F29	Ply: 1 Qty: 5 Wgt: 197.4 lbs	SEQN: 81502 / T66 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.104	M	999	480
VERT(TL): 0.161	V	999	360
HORZ(LL): 0.023	S	-	-
HORZ(TL): 0.037	S	-	-

Creep Factor: 2.0
Max TC CSI: 0.704
Max BC CSI: 0.748
Max Web CSI: 0.387
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AF	687 / -	/ -	/ -	/ -	/ -
AA	1735 / -	/ -	/ -	/ -	/ -
S	865 / -	/ -	/ -	/ -	/ -

AF Brg Wid = 5.5 Min Req = 1.5
AA Brg Wid = 5.5 Min Req = 1.5
S Brg Wid = 5.5 Min Req = 1.5
Bearings AF, AA, & S are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	I - J	0	- 781
B - C	0	- 675	J - K	0	- 781
C - D	0	- 970	K - L	0	- 1411
D - E	0	- 973	L - M	0	- 1645
E - F	0	- 967	M - N	0	- 1644
F - G	60	- 502	N - O	0	- 1492
G - H	694	0	O - P	0	- 939
H - I	694	0	P - Q	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AF-AE	420	0	Y - X	1179	0
AE-AD	898	0	X - W	1642	0
AD-AC	973	0	W - V	1645	0
AC-AB	794	0	V - U	1648	0
AB-AA	197	- 204	U - T	1303	0
AA- Z	364	- 85	T - S	553	0
Z - Y	364	- 85			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AG-AF	4	- 72	Y - K	0	- 777
A -AG	0	- 36	K - X	488	0
AF- B	0	- 738	X - L	0	- 547
B -AE	460	0	L - W	203	- 38
AE- C	0	- 402	M - V	81	- 102
C -AD	208	- 43	V - N	203	- 242
AD- D	28	- 137	N - U	0	- 281
E -AC	0	- 263	U - O	341	0
AC- F	444	0	O - T	0	- 656
F -AB	0	- 581	T - P	696	0
AB- G	588	0	P - S	0	- 966
G -AA	0	- 879	Q - R	0	- 38

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F29	Ply: 1 Qty: 5 Wgt: 197.4 lbs	SEQN: 81502 / T66 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

H -AA	0	- 134	S - R	0	- 12
AA- I	0	- 1101	R - S	0	- 47
I - Y	813	0			

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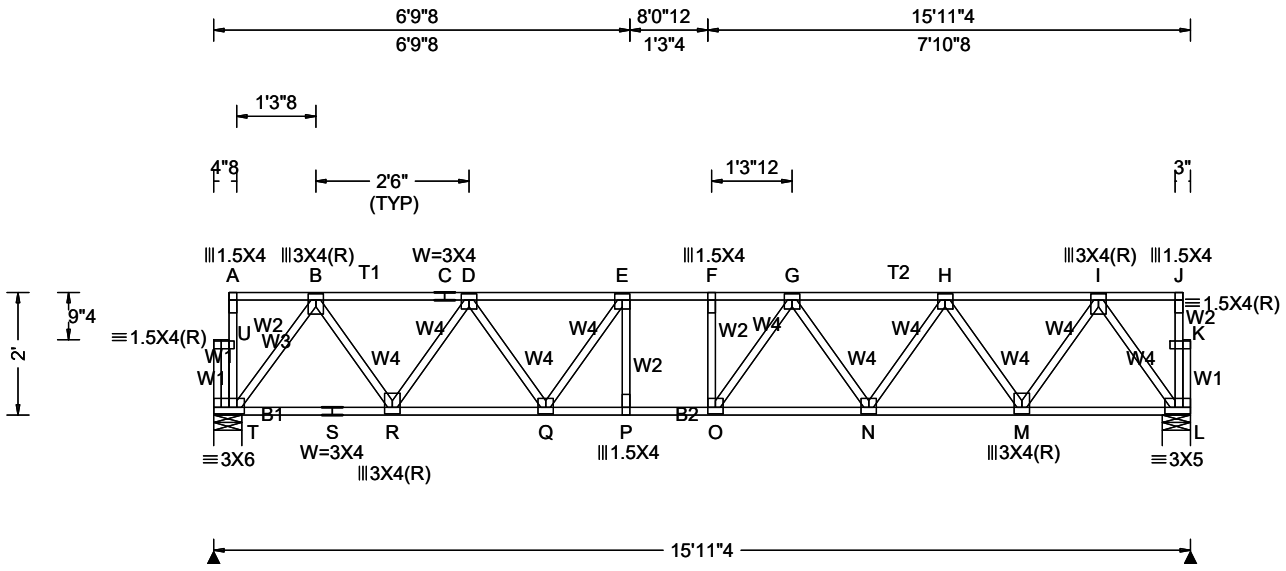
Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F29B	Ply: 1 Qty: 12 Wgt: 113.4 lbs	SEQN: 81510 / T3 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.101	F	999	480
VERT(TL): 0.156	O	999	360
HORZ(LL): 0.020	L	-	-
HORZ(TL): 0.031	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.522
Max BC CSI: 0.689
Max Web CSI: 0.349
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

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

Plating Notes
All plates are 3X3 except as noted.

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

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
T	885	/-	/-	/-	/-	/-
L	884	/-	/-	/-	/-	/-

T Brg Wid = 5.5 Min Req = 1.5 (Truss)
L Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings T & L are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	F - G	0	-1780
B - C	0	-995	G - H	0	-1574
C - D	0	-995	H - I	0	-982
D - E	0	-1579	I - J	1	0
E - F	0	-1782			

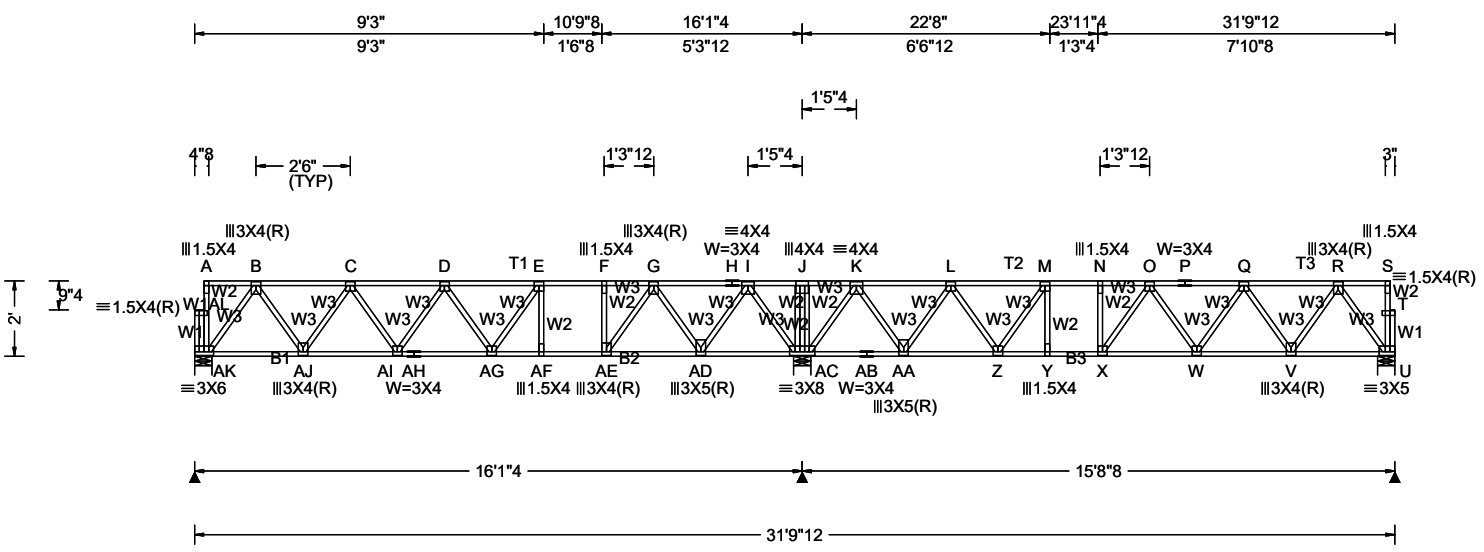
Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
T - S	592	0	P - O	1782	0
S - R	592	0	O - N	1753	0
R - Q	1372	0	N - M	1366	0
Q - P	1780	0	M - L	575	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
U - T	4	-78	O - G	265	-137
A - U	0	-42	G - N	0	-323
T - B	0	-1012	N - H	375	0
B - R	726	0	H - M	0	-692
R - D	0	-679	M - I	733	0
D - Q	400	0	I - L	0	-1003
Q - E	0	-444	J - K	0	-38
E - P	155	-66	L - K	0	-12
F - O	32	-131	K - L	0	-47

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F30	Ply: 1 Qty: 8 Wgt: 215.6 lbs	SEQN: 81503 / T69 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 55.00	Wind Std: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 20.00	Speed: NA mph	Pf: NA Ce: NA	VERT(LL): 0.167 E 999 480
BCLL: 0.00	Enclosure: NA	Lu: NA Cs: NA	VERT(TL): 0.260 E 729 360
BCDL: 10.00	Category: NA	Snow Duration: NA	HORZ(LL): 0.037 B - -
Des Ld: 85.00	EXP: NA		HORZ(TL): 0.058 B - -
NCBCLL: 0.00	Mean Height: NA ft	**Code / Misc Criteria**	Creep Factor: 2.0
Soffit: 0.00	TCDL: NA psf	Bldg Code: IBC 2018	Max TC CSI: 0.855
Load Duration: 1.00	BCDL: NA psf	TPI Std: 2014	Max BC CSI: 0.874
Spacing: 16.0 "	MWFRS Parallel Dist: NA	Rep Factors Used: Yes	Max Web CSI: 0.386
	C&C Dist a: NA ft	FT/RT:12(0)/10(0)	Mfg Specified Camber:
	Loc. from endwall: NA	Plate Type(s):	
	I: NA GCpi: NA	WAVE	VIEW Ver: 23.02.04A.0207.10
	Wind Duration: NA		

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2
Bot chord 4x2 SP #2 B2 4x2 SP #1;
Webs 4x2 SP #3

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AK	896	/-	/-	/-	/-	/-
AC	1913	/-	/-	/-	/-	/-
U	855	/-	/-	/-	/-	/-

AK Brg Wid = 5.5 Min Req = 1.5
AC Brg Wid = 5.5 Min Req = 1.5
U Brg Wid = 5.5 Min Req = 1.5
Bearings AK, AC, & U are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	J - K	698	0
B - C	0	-959	K - L	0	-711
C - D	0	-1534	L - M	0	-1357
D - E	0	-1713	M - N	0	-1600
E - F	0	-1591	N - O	0	-1600
F - G	0	-1580	O - P	0	-1465
G - H	46	-784	P - Q	0	-1465
H - I	46	-784	Q - R	0	-925
I - J	698	0	R - S	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AK-AJ	564	0	AC-AB	290	-44
AJ-AI	1327	0	AB-AA	290	-44
AI-AH	1727	0	AA- Z	1116	0
AH-AG	1727	0	Z - Y	1597	0
AG-AF	1599	0	Y - X	1600	0
AF-AE	1591	0	X - W	1614	0
AE-AD	1219	0	W - V	1282	0
AD-AC	373	-225	V - U	546	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL-AK	4	-71	AC- K	0	-1099
A -AL	0	-36	K -AA	811	0
AK- B	0	-989	AA- L	0	-778
B -AJ	712	0	L - Z	490	0
AJ- C	0	-664	Z - M	0	-535
C -AI	373	0	M - Y	197	-30
AI- D	0	-347	N - X	75	-93
D -AG	95	-134	X - O	183	-230
AG- E	358	-19	O - W	0	-268
E -AF	0	-311	W - Q	330	0

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F30	Ply: 1 Qty: 8 Wgt: 215.6 lbs	SEQN: 81503 / T69 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

F -AE	0	- 360	Q - V	0	- 644
AE- G	766	0	V - R	684	0
G -AD	0	- 839	R - U	0	- 953
AD- I	781	0	S - T	0	- 37
I -AC	0	- 1087	U - T	0	- 12
J -AC	0	- 135	T - U	0	- 47

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

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

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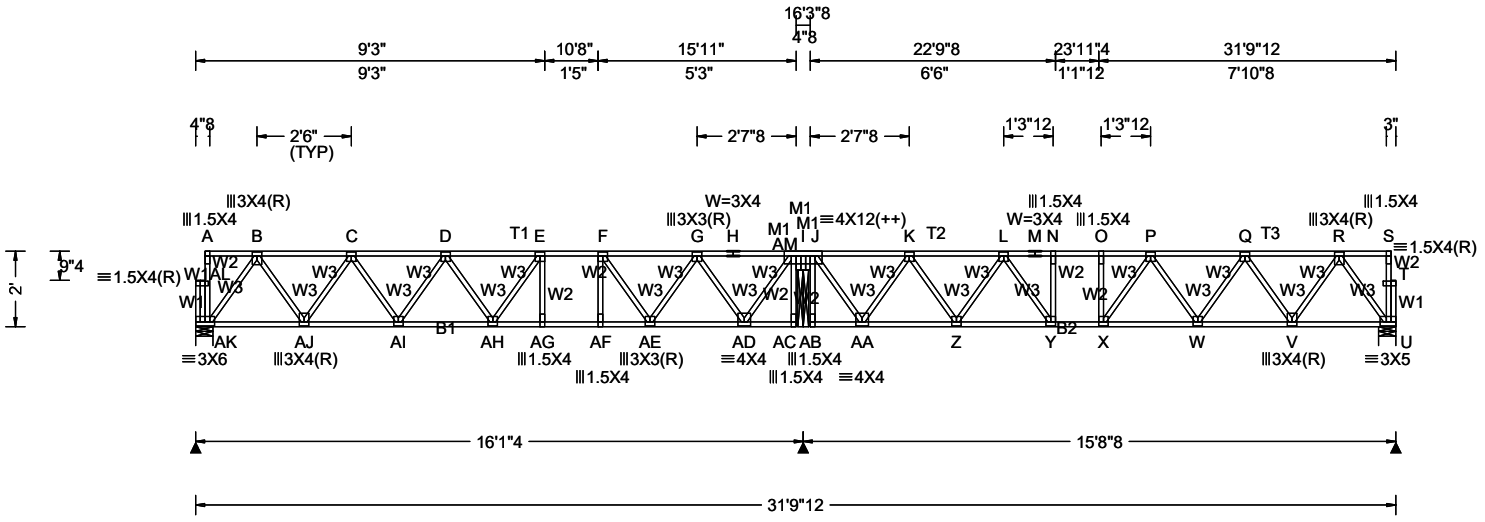
Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F31	Ply: 1 Qty: 2 Wgt: 217.0 lbs	SEQN: 81504 / T72 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.140	E	999	480
VERT(TL): 0.224	E	846	360
HORZ(LL): 0.030	B	-	-
HORZ(TL): 0.048	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.686
Max BC CSI: 0.882
Max Web CSI: 0.450
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AK	920 / -	/ -	/ -	/ -	/ -
AM	1805 / -	/ -	/ -	/ -	/ -
U	891 / -	/ -	/ -	/ -	/ -

AK Brg Wid = 5.5 Min Req = 1.5
AM Brg Wid = 3.5 Min Req = 1.5
U Brg Wid = 5.5 Min Req = 1.5
Bearings AK, AM, & U are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - K	0	- 561	K - L	0	- 1327
A - B	3	0	L - M	0	- 1751
B - C	0	- 993	M - N	0	- 1751
C - D	0	- 1600	N - O	0	- 1757
D - E	0	- 1815	O - P	0	- 1756
E - F	0	- 1733	P - Q	0	- 1558
F - G	0	- 1366	Q - R	0	- 973
G - H	0	- 572	R - S	1	0
H - I	0	- 572			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AK-AJ	581	0	AB-AA	11	- 15
AJ-AI	1378	0	AA- Z	1041	0
AI-AH	1806	0	Z - Y	1596	0
AH-AG	1740	0	Y - X	1757	0
AG-AF	1733	0	X - W	1733	0
AF-AE	1724	0	W - V	1354	0
AE-AD	1053	0	V - U	570	0
AD-AC	13	- 14			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL-AK	4	- 72	AM-AC	6	0
A -AL	0	- 36	AM- J	0	- 1042
AK- B	0	- 1018	AM-AB	8	0
B -AJ	742	0	AA- K	0	- 865
AJ- C	0	- 695	K - Z	530	0
C -AI	400	0	Z - L	0	- 502
AI- D	0	- 372	L - Y	422	0
D -AH	153	- 77	Y - N	0	- 238
AH- E	274	- 114	O - X	60	- 143
E -AG	6	- 299	X - P	246	- 150

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2
Bot chord 4x2 SP #1 B2 4x2 SP #2;
Webs 4x2 SP #3
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F31	Ply: 1 Qty: 2 Wgt: 217.0 lbs	SEQN: 81504 / T72 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

AF- F	329	0	P - W	0	- 316
F -AE	0	- 690	W - Q	369	0
AE- G	578	0	Q - V	0	- 685
G -AD	0	- 868	V - R	727	0
AD- I	945	0	R - U	0	- 996
I -AM	8	- 1060	S - T	0	- 38
J -AM	9	0	U - T	0	- 12
J -AA	930	0	T - U	0	- 47

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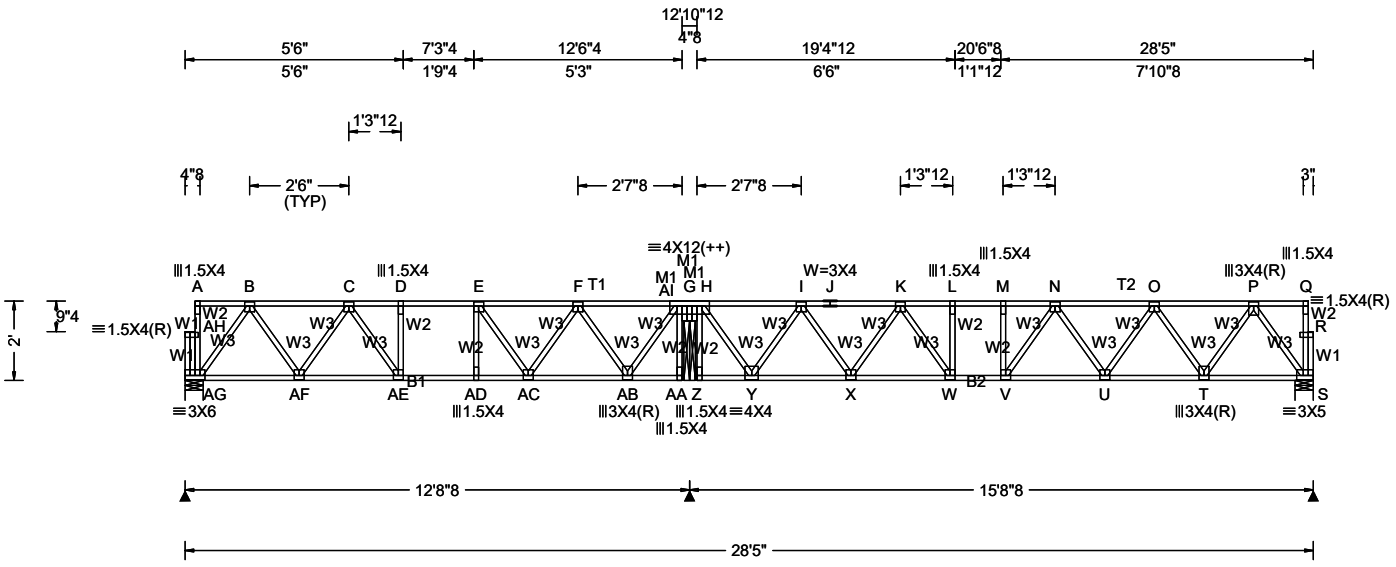
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F32	Ply: 1 Qty: 3 Wgt: 198.8 lbs	SEQN: 81505 / T71 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.100	M	999	480
VERT(TL): 0.160	M	999	360
HORZ(LL): -0.027	P	-	-
HORZ(TL): 0.046	P	-	-

Creep Factor: 2.0
Max TC CSI: 0.564
Max BC CSI: 0.602
Max Web CSI: 0.444
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲ Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
AG	727	/-	/-	/-	/-	/-
AI	1614	/-	/-	/-	/-	/-
S	891	/-	/-	/-	/-	/-

AG Brg Wid = 5.5 Min Req = 1.5
AI Brg Wid = 3.5 Min Req = 1.5
S Brg Wid = 5.5 Min Req = 1.5
Bearings AG, AI, & S are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
G - I	0	-564	J - K	0	-1330
A - B	3	0	K - L	0	-1753
B - C	0	-726	L - M	0	-1759
C - D	0	-1103	M - N	0	-1758
D - E	0	-1107	N - O	0	-1560
E - F	0	-959	O - P	0	-974
F - G	0	-426	P - Q	1	0
I - J	0	-1330			

Maximum Bot Chord Forces Per Ply (lbs)

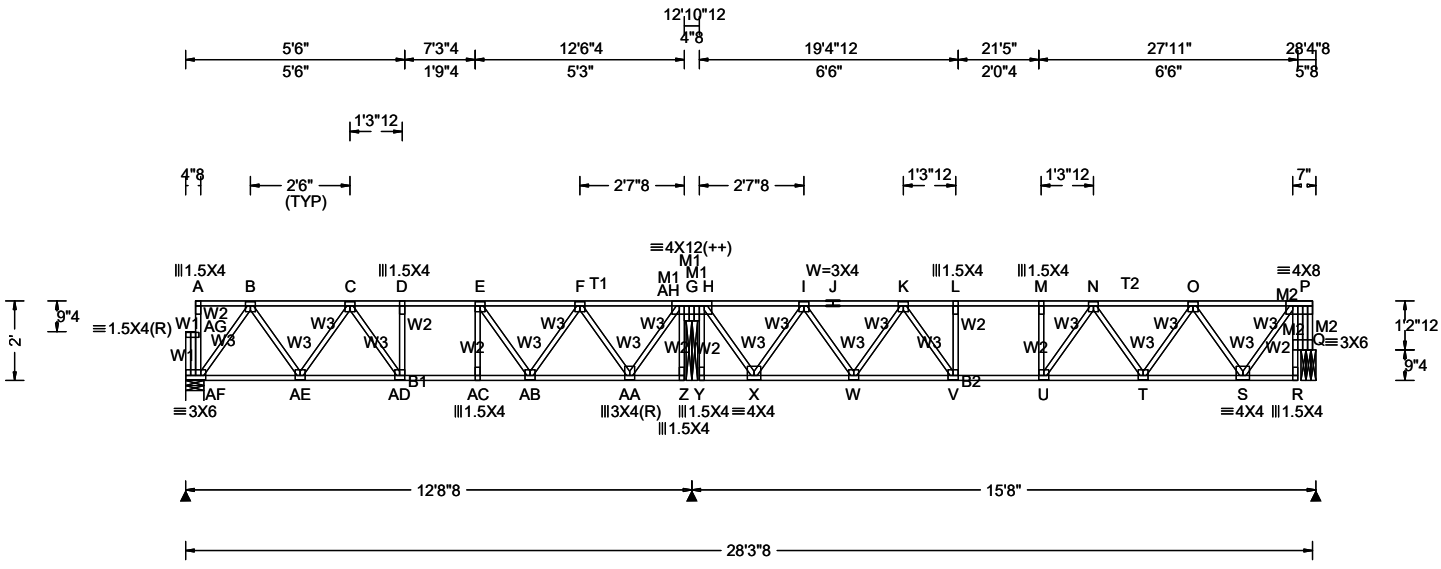
Chords	Tens.	Comp.	Chords	Tens.	Comp.
AG-AF	447	0	Y - X	1045	0
AF-AE	982	0	X - W	1599	0
AE-AD	1107	0	W - V	1759	0
AD-AC	1107	0	V - U	1735	0
AC-AB	786	0	U - T	1355	0
AB-AA	8	-15	T - S	571	0
Z - Y	12	-11			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AH-AG	4	-71	AI- Z	8	0
A -AH	0	-35	Y - I	0	-867
AG- B	0	-785	I - X	526	0
B -AF	503	0	X - K	0	-498
AF- C	0	-462	K - W	421	0
C -AE	340	0	W - L	0	-238
AE- D	0	-187	M - V	59	-144
AD- E	99	-73	V - N	248	-147
E -AC	0	-360	N - U	0	-316
AC- F	342	0	U - O	370	0
F -AB	0	-650	O - T	0	-686
AB- G	706	0	T - P	727	0

G -AI	9	-904	P - S	0	-997
H -AI	9	0	Q - R	0	-38
H - Y	933	0	S - R	0	-12
AI-AA	8	0	R - S	0	-47
AI- H	0	-975			

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F33	Ply: 1 Qty: 4 Wgt: 200.2 lbs	SEQN: 81506 / T26 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.106	M	999	480
VERT(TL): 0.182	M	999	360
HORZ(LL): -0.027	P	-	-
HORZ(TL): 0.046	P	-	-

Creep Factor: 2.0
Max TC CSI: 0.743
Max BC CSI: 0.667
Max Web CSI: 0.726
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2
Bot chord 4x2 SP #2
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲ Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
AF	727	/-	/-	/-	/-	/-
AH	1607	/-	/-	/-	/-	/-
Q	884	/-	/-	/-	/-	/-

AF Brg Wid = 5.5 Min Req = 1.5
AH Brg Wid = 3.5 Min Req = 1.5
Q Brg Wid = 4.5 Min Req = 1.5
Bearings AF, AH, & Q are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
G - I	0	-557	I - J	0	-1316
A - B	3	0	J - K	0	-1316
B - C	0	-726	K - L	0	-1722
C - D	0	-1103	L - M	0	-1728
D - E	0	-1108	M - N	0	-1723
E - F	0	-959	N - O	0	-1357
F - G	0	-426	O - P	0	-615

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AF-AE	447	0	X - W	1034	0
AE-AD	982	0	W - V	1576	0
AD-AC	1108	0	V - U	1728	0
AC-AB	1107	0	U - T	1599	0
AB-AA	786	0	T - S	1090	0
AA- Z	8	-16	S - R	73	0
Y - X	12	-11			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AG-AF	4	-71	AH- H	0	-969
A -AG	0	-35	AH- Y	9	0
AF- B	0	-785	X - I	0	-860
B -AE	503	0	I - W	520	0
AE- C	0	-462	W - K	0	-483
C -AD	341	0	K - V	446	0
AD- D	0	-187	V - L	0	-267
AC- E	99	-73	M - U	0	-248
E -AB	0	-360	U - N	407	-7
AB- F	342	0	N - T	0	-436
F -AA	0	-650	T - O	481	0
AA- G	706	0	O - S	0	-857
G -AH	9	-902	S - P	917	0

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Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F33	Ply: 1 Qty: 4 Wgt: 200.2 lbs	SEQN: 81506 / T26 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

H -AH	10	0	Q - R	10	0
H - X	922	0	Q - P	0	-78
AH- Z	8	0	P - Q	11	-818

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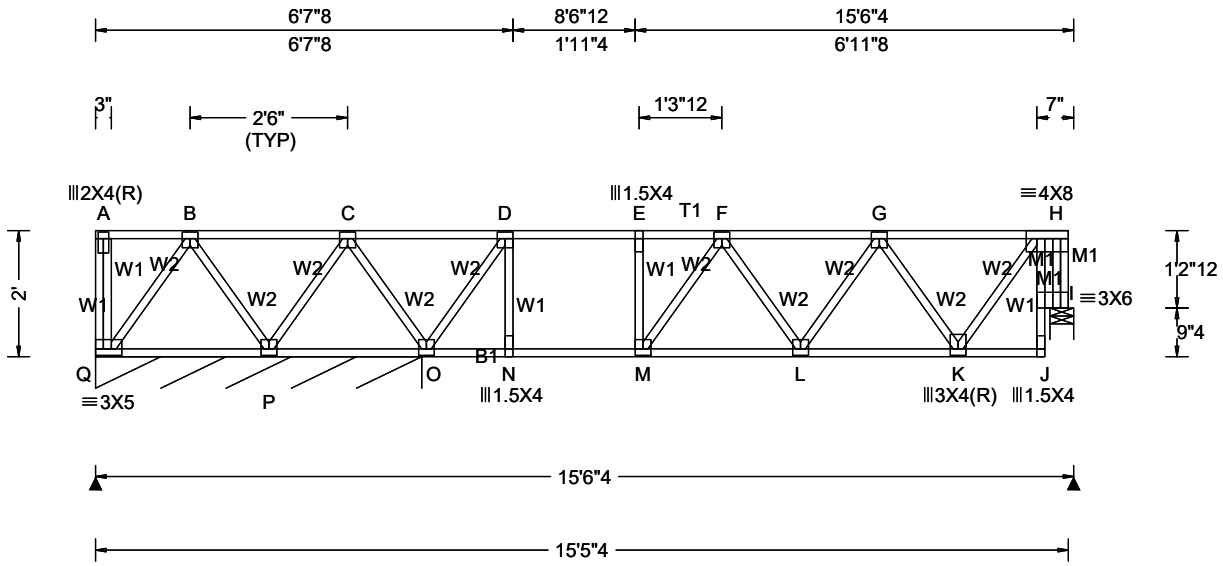
Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F34	Ply: 1 Qty: 1 Wgt: 109.2 lbs	SEQN: 81507 / T28 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.119	E	999	480
VERT(TL): 0.190	E	637	360
HORZ(LL): -0.016	H	-	-
HORZ(TL): 0.027	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.869
Max BC CSI: 0.781
Max Web CSI: 0.633
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
Q*	196 / -	/ -	/ -	/ -	/ -
I	738 / -	/ -	/ -	/ -	/ -

Q Brg Wid = 62.1 Min Req = -
I Brg Wid = 4.5 Min Req = 1.5
Bearings Q & I are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	2	0	E - F	0	-1133
B - C	0	-374	F - G	0	-1053
C - D	0	-844	G - H	0	-492
D - E	0	-1134			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Q - P	237	0	M - L	1179	0
P - O	1244	0	L - K	872	0
O - N	1128	0	K - J	63	0
N - M	1134	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - Q	0	-58	M - F	43	-84
Q - B	0	-431	F - L	0	-228
B - P	293	-20	L - G	326	0
P - C	0	-534	G - K	0	-686
C - O	415	0	K - H	725	0
O - D	0	-624	I - J	11	0
D - N	175	0	I - H	0	-53
E - M	12	-51	H - I	12	-695

Lumber

Value Set: NDS 2015

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

Plating Notes

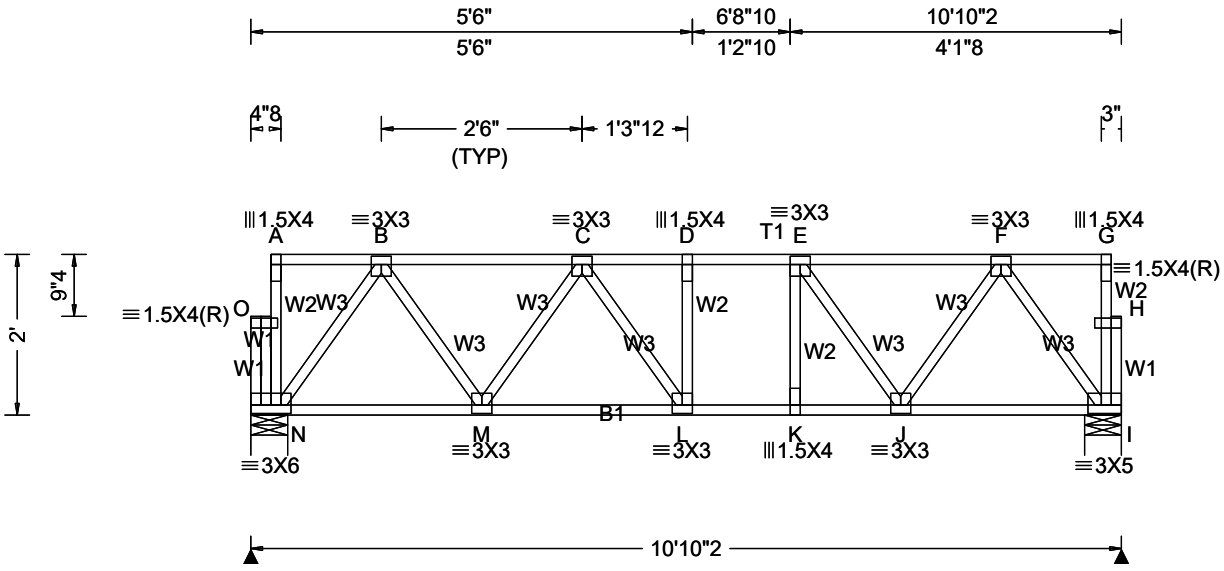
All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** F35	Ply: 1 Qty: 7 Wgt: 82.6 lbs	SEQN: 81508 / T68 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.037	D	999	480
VERT(TL): 0.068	D	999	360
HORZ(LL): 0.011	B	-	-
HORZ(TL): 0.020	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.397
Max BC CSI: 0.435
Max Web CSI: 0.184
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
N	597	/-	/-	/-	/-	/-
I	595	/-	/-	/-	/-	/-

N Brg Wid = 5.5 Min Req = 1.5
I Brg Wid = 5.5 Min Req = 1.5
Bearings N & I are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	D - E	0	-791
B - C	0	-588	E - F	0	-587
C - D	0	-790	F - G	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	376	0	K - J	790	0
M - L	769	0	J - I	373	0
L - K	791	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
O - N	4	-72	K - E	110	-33
A - O	0	-36	E - J	0	-365
N - B	0	-657	J - F	387	0
B - M	382	0	F - I	0	-650
M - C	0	-326	G - H	0	-38
C - L	173	-66	I - H	0	-12
L - D	3	-85	H - I	0	-43

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.

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

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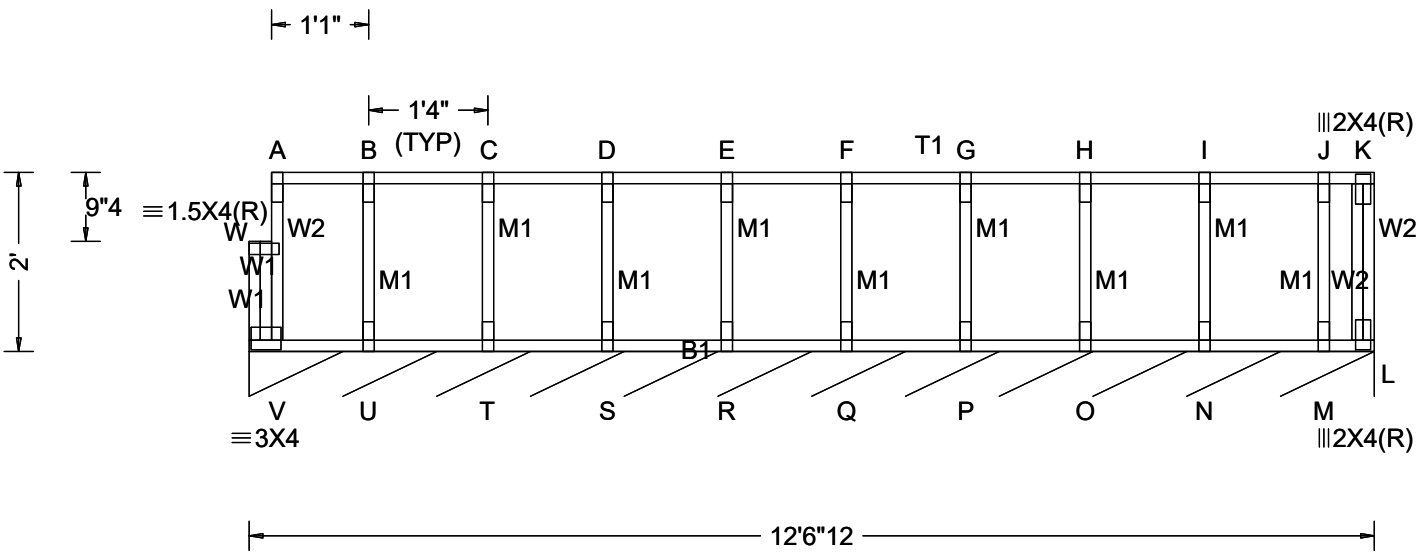
Job Number: 2310105-F2 John Knox Village Courts 2nd level **Truss Label:** FGE1	Ply: 1 Qty: 1 Wgt: 78.4 lbs	SEQN: 81509 / T27 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.000	I	999	480
VERT(TL): 0.000	I	999	360
HORZ(LL): 0.004	K	-	-
HORZ(TL): 0.006	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.081
Max BC CSI: 0.013
Max Web CSI: 0.033
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
L*	111 /-	/-	/-	/-	/-

L Brg Wid = 150 Min Req = -
Bearing V is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	F - G	1	0
B - C	1	0	G - H	1	0
C - D	1	0	H - I	1	0
D - E	1	0	I - J	1	0
E - F	1	0	J - K	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
V - U	0	-1	Q - P	0	-1
U - T	0	-1	P - O	0	-1
T - S	0	-1	O - N	0	-1
S - R	0	-1	N - M	0	-1
R - Q	0	-1	M - L	0	-1

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
W - V	4	-51	L - K	0	-16
A - W	0	-38	K - L	1	0

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
B - U	0	-130	G - P	0	-134
C - T	0	-135	H - O	0	-132
D - S	0	-133	I - N	0	-140
E - R	0	-133	J - M	0	-106
F - Q	0	-133			

Lumber

Value Set: NDS 2015

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

Bracing

Sheathing is required for any longitudinal(drag) forces. All connections to be designed by the building designer.

Fasten rated sheathing to one face of this frame.

Plating Notes

All plates are 1.5X4 except as noted.

Additional Notes

Truss must be installed as shown with top chord up.

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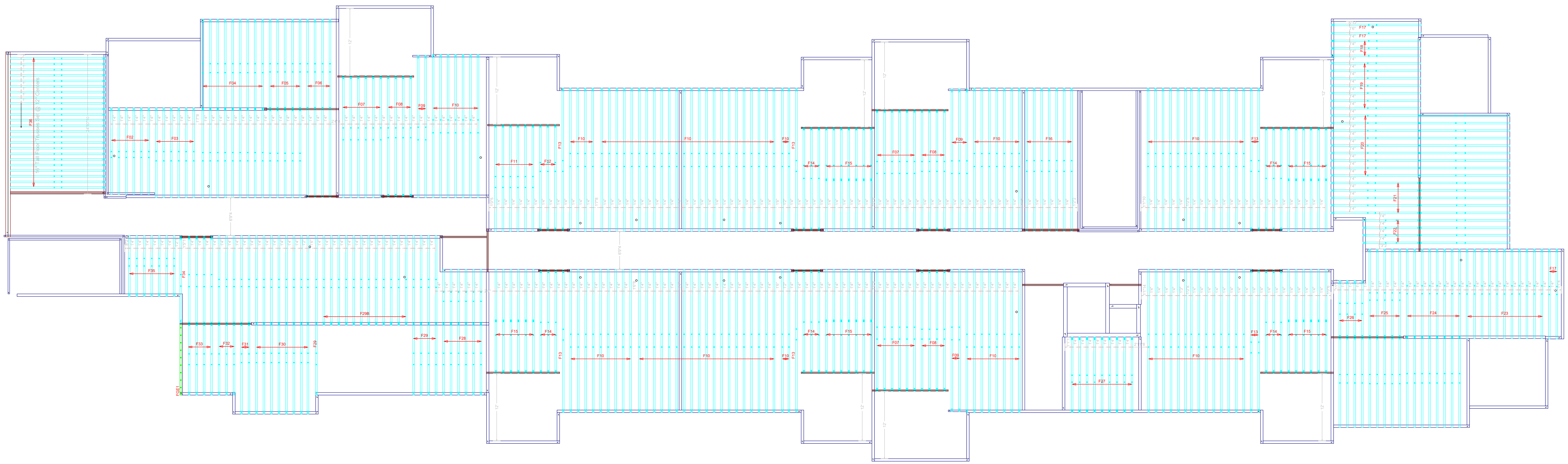


JOHN KNOX VILLAGE
3rd LEVEL FLOOR TRUSS LAYOUT

-: Preserving Properties
;: John Knox Village Courts
;: 2310105-F3
;: Lon E Ellenburg
;: 1001 NW Chipman
;: JEB

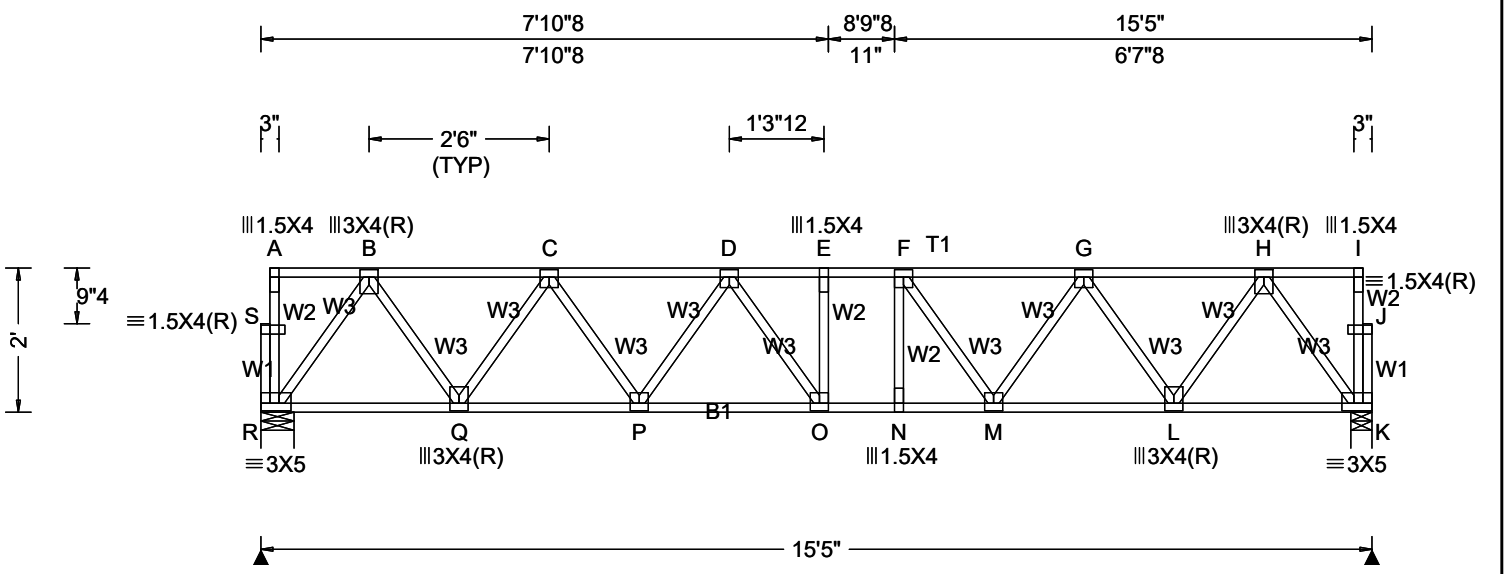
JOB NO:

2310105-F

PAGE NO:

1 OF 1

Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F02	Ply: 1 Qty: 6 Wgt: 107.8 lbs	SEQN: 81557 / T2 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.089	E	999	480
VERT(TL): 0.125	O	999	360
HORZ(LL): 0.019	B	-	-
HORZ(TL): 0.030	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.333
Max BC CSI: 0.584
Max Web CSI: 0.336
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
R	861	/-	/-	/-	/-	/-
K	861	/-	/-	/-	/-	/-

R Brg Wid = 5.5 Min Req = 1.5
K Brg Wid = 3.5 Min Req = 1.5
Bearings R & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	E - F	0	-1695
B - C	0	-951	F - G	0	-1511
C - D	0	-1512	G - H	0	-952
D - E	0	-1694	H - I	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	559	0	N - M	1694	0
Q - P	1320	0	M - L	1318	0
P - O	1678	0	L - K	560	0
O - N	1695	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
S - R	0	-59	N - F	138	-71
A - S	0	-38	F - M	0	-397
R - B	0	-976	M - G	372	0
B - Q	707	0	G - L	0	-659
Q - C	0	-664	L - H	706	0
C - P	347	0	H - K	0	-977
P - D	0	-299	I - J	0	-39
D - O	229	-147	K - J	0	-12
O - E	45	-100	J - K	0	-48

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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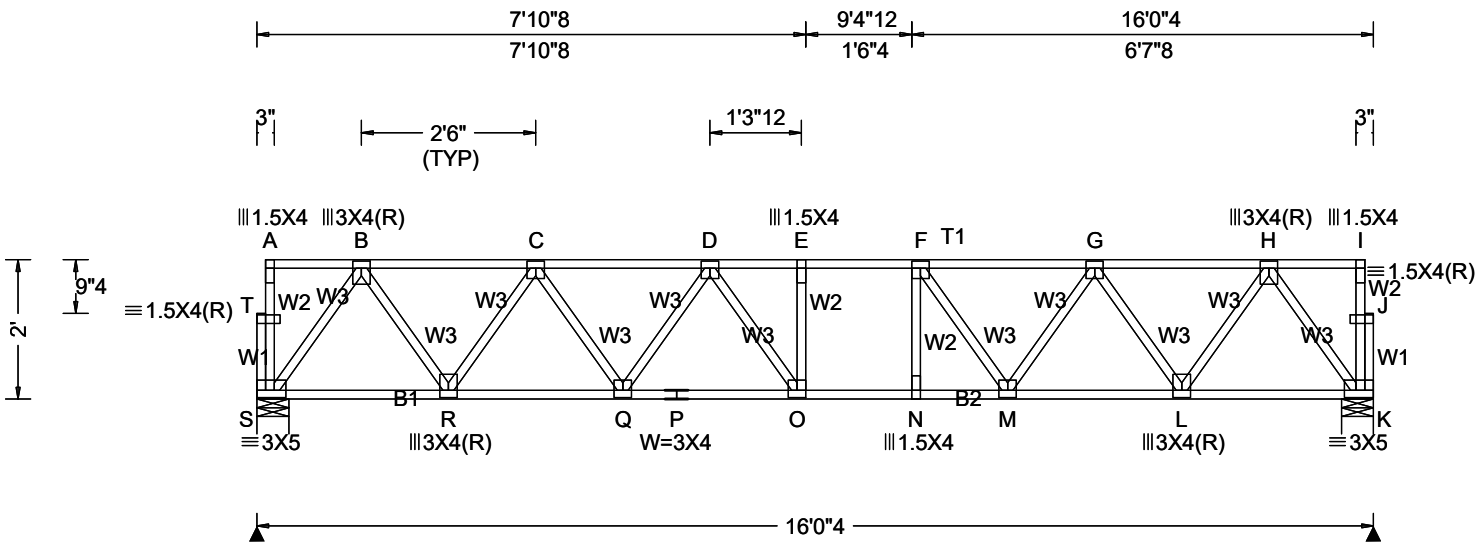
Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F03	Ply: 1 Qty: 6 Wgt: 109.2 lbs	SEQN: 81558 / T11 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.110	E	999	480
VERT(TL): 0.182	E	999	360
HORZ(LL): 0.024	B	-	-
HORZ(TL): 0.043	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.466
Max BC CSI: 0.768
Max Web CSI: 0.356
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
S	895 /-	/-	/-	/-	/-
K	895 /-	/-	/-	/-	/-

S Brg Wid = 5.5 Min Req = 1.5
K Brg Wid = 5.5 Min Req = 1.5
Bearings S & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	E - F	0	-1826
B - C	0	-998	F - G	0	-1605
C - D	0	-1606	G - H	0	-998
D - E	0	-1824	H - I	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
S - R	583	0	O - N	1826	0
R - Q	1390	0	N - M	1824	0
Q - P	1792	0	M - L	1385	0
P - O	1792	0	L - K	585	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
T - S	0	-58	N - F	168	-61
A - T	0	-38	F - M	0	-482
S - B	0	-1017	M - G	424	0
B - R	747	0	G - L	0	-697
R - C	0	-707	L - H	745	0
C - Q	390	0	H - K	0	-1020
Q - D	0	-334	I - J	0	-39
D - O	285	-133	K - J	0	-12
O - E	24	-151	J - K	0	-49

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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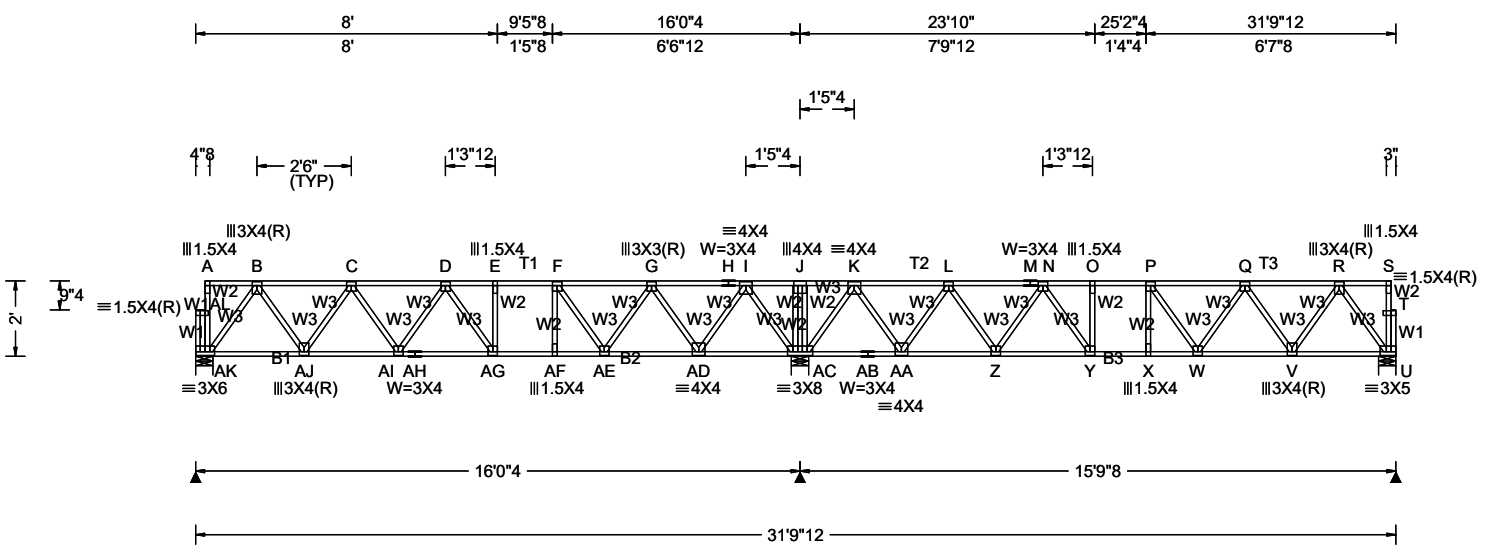
Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F04	Ply: 1 Qty: 9 Wgt: 215.6 lbs	SEQN: 81559 / T4 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.119	E	999	480
VERT(TL): 0.188	AG	999	360
HORZ(LL): 0.028	B	-	-
HORZ(TL): 0.046	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.638
Max BC CSI: 0.851
Max Web CSI: 0.417
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AK	850 / -	/ -	/ -	/ -	/ -
AC	2013 / -	/ -	/ -	/ -	/ -
U	823 / -	/ -	/ -	/ -	/ -

AK Brg Wid = 5.5 Min Req = 1.5
AC Brg Wid = 5.5 Min Req = 1.5
U Brg Wid = 5.5 Min Req = 1.5
Bearings AK, AC, & U are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	J - K	1035	0
B - C	0	- 896	K - L	154	- 466
C - D	0	- 1415	L - M	0	- 1160
D - E	0	- 1505	M - N	0	- 1160
E - F	0	- 1505	N - O	0	- 1501
F - G	0	- 1215	O - P	0	- 1505
G - H	225	- 515	P - Q	0	- 1373
H - I	225	- 515	Q - R	0	- 883
I - J	1035	0	R - S	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AK-AJ	530	0	AC-AB	12	- 392
AJ-AI	1242	0	AB-AA	12	- 392
AI-AH	1546	0	AA- Z	903	0
AH-AG	1546	0	Z - Y	1396	0
AG-AF	1505	0	Y - X	1505	0
AF-AE	1501	0	X - W	1505	0
AE-AD	944	- 45	W - V	1217	0
AD-AC	65	- 437	V - U	523	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL-AK	4	- 73	AC- K	0	- 1149
A -AL	0	- 37	K -AA	875	0
AK- B	0	- 930	AA- L	0	- 842
B -AJ	660	0	L - Z	516	0
AJ- C	0	- 624	Z - N	0	- 489
C -AI	311	0	N - Y	418	0
AI- D	11	- 237	Y - O	0	- 208
D -AG	132	- 292	X - P	89	- 133
AG- E	101	- 76	P - W	32	- 307
AF- F	238	0	W - Q	297	0

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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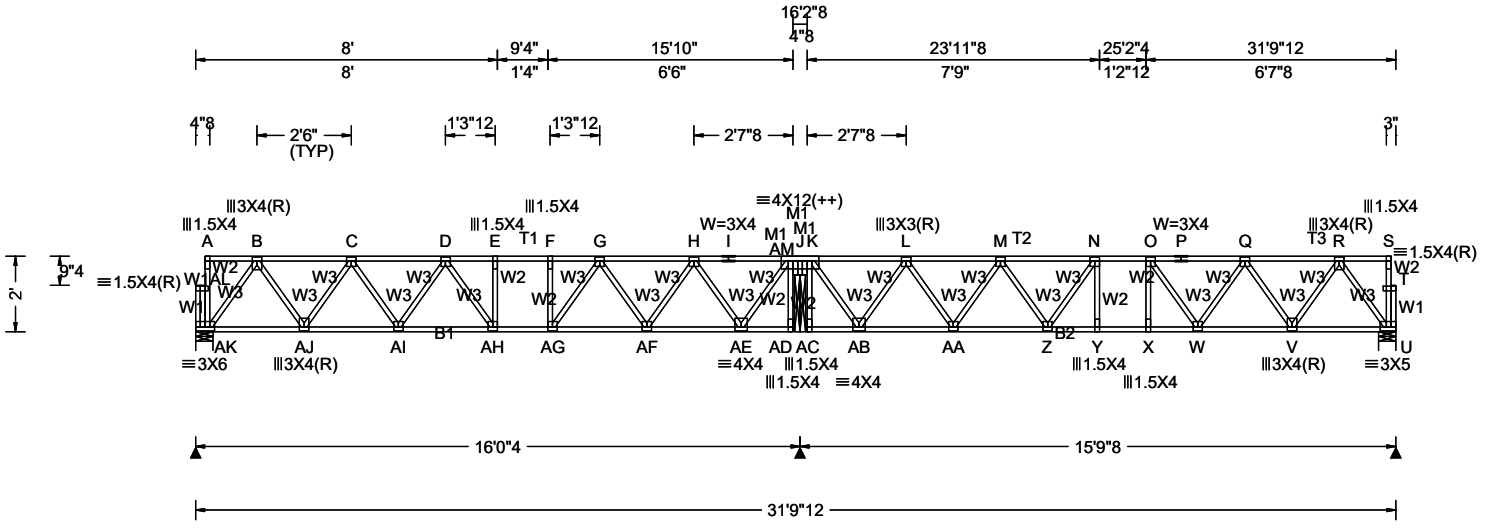
F -AE	0	-628	Q - V	0	-603
AE- G	557	0	V - R	648	0
G -AD	0	-829	R - U	0	-915
AD- I	867	0	S - T	0	-41
I -AC	0	-1158	U - T	0	-12
J -AC	0	-148	T - U	0	-50

Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F05	Ply: 1 Qty: 5 Wgt: 217.0 lbs	SEQN: 81560 / T5 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)
TCLL: 55.00
TCDL: 20.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 85.00
NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.106	E	999	480
VERT(TL): 0.170	E	999	360
HORZ(LL): 0.023	B	-	-
HORZ(TL): 0.040	AB	-	-

Creep Factor: 2.0
Max TC CSI: 0.564
Max BC CSI: 0.812
Max Web CSI: 0.449
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AK	916 / -	/ -	/ -	/ -	/ -
AM	1806 / -	/ -	/ -	/ -	/ -
U	895 / -	/ -	/ -	/ -	/ -

AK Brg Wid = 5.5 Min Req = 1.5
AM Brg Wid = 3.5 Min Req = 1.5
U Brg Wid = 5.5 Min Req = 1.5
Bearings AK, AM, & U are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - L	0	- 561	I - J	0	- 569
A - B	3	0	L - M	0	- 1341
B - C	0	- 986	M - N	0	- 1721
C - D	0	- 1586	N - O	0	- 1781
D - E	0	- 1796	O - P	0	- 1567
E - F	0	- 1797	P - Q	0	- 1567
F - G	0	- 1791	Q - R	0	- 980
G - H	0	- 1347	R - S	1	0
H - I	0	- 569			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AK-AJ	576	0	AB-AA	1042	0
AJ-AI	1374	0	AA- Z	1620	0
AI-AH	1767	0	Z - Y	1783	0
AH-AG	1797	0	Y - X	1781	0
AG-AF	1625	0	X - W	1778	0
AF-AE	1055	0	W - V	1359	0
AE-AD	11	- 15	V - U	575	0
AC-AB	11	- 15			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL-AK	4	- 73	AM-AD	8	0
A -AL	0	- 38	AM- K	0	- 1053
AK- B	0	- 1010	AM-AC	7	0
B -AJ	740	0	AB- L	0	- 867
AJ- C	0	- 699	L -AA	554	0
C -AI	382	0	AA- M	0	- 515
AI- D	0	- 327	M - Z	266	0
D -AH	266	- 145	Z - N	71	- 276
AH- E	55	- 157	N - Y	105	- 173
F -AG	0	- 256	X - O	202	- 77

Lumber
Value Set: NDS 2015
Top chord 4x2 SP #2
Bot chord 4x2 SP #2
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;
Rt Bearing Leg: 4x2 SP #3;

Plating Notes
All plates are 3X3 except as noted.
(++) - This plate works for both joints covered.

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

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F05	Ply: 1 Qty: 5 Wgt: 217.0 lbs	SEQN: 81560 / T5 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

AG- G	449	0	O - W	0	- 453
G -AF	0	- 516	W - Q	396	0
AF- H	542	0	Q - V	0	- 683
H -AE	0	- 877	V - R	731	0
AE- J	943	0	R - U	0	- 1004
K -AM	8	0	S - T	0	- 39
K -AB	931	0	U - T	0	- 12
J -AM	9	- 1050	T - U	0	- 49

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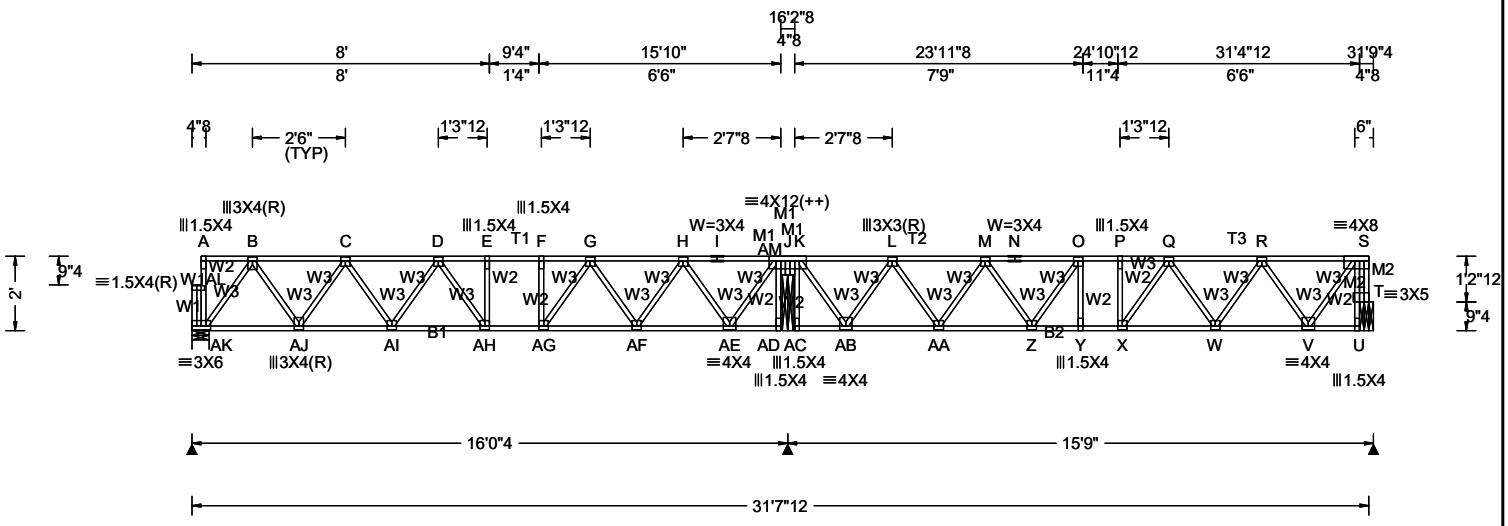
Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F06	Ply: 1 Qty: 4 Wgt: 219.8 lbs	SEQN: 81561 / T25 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.106	E	999	480
VERT(TL): 0.170	E	999	360
HORZ(LL): 0.023	B	-	-
HORZ(TL): 0.039	AB	-	-

Creep Factor: 2.0
Max TC CSI: 0.560
Max BC CSI: 0.680
Max Web CSI: 0.478
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
AK	916	/-	/-	/-	/-	/-
AM	1798	/-	/-	/-	/-	/-
T	883	/-	/-	/-	/-	/-

AK Brg Wid = 5.5 Min Req = 1.5
AM Brg Wid = 3.5 Min Req = 1.5
T Brg Wid = 4.5 Min Req = 1.5
Bearings AK, AM, & T are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - L	0	-556	I - J	0	-569
A - B	3	0	L - M	0	-1327
B - C	0	-986	M - N	0	-1697
C - D	0	-1586	N - O	0	-1697
D - E	0	-1796	O - P	0	-1754
E - F	0	-1797	P - Q	0	-1750
F - G	0	-1791	Q - R	0	-1343
G - H	0	-1348	R - S	0	-593
H - I	0	-569			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AK-AJ	576	0	AB-AA	1032	0
AJ-AI	1374	0	AA- Z	1600	0
AI-AH	1768	0	Z - Y	1756	0
AH-AG	1797	0	Y - X	1754	0
AG-AF	1625	0	X - W	1605	0
AF-AE	1055	0	W - V	1068	0
AE-AD	11	-15	V - U	48	0
AC-AB	11	-15			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL-AK	4	-73	AM-AD	8	0
A -AL	0	-38	AM- K	0	-1047
AK- B	0	-1010	AM-AC	7	0
B -AJ	740	0	AB- L	0	-859
AJ- C	0	-699	L -AA	545	0
C -AI	382	0	AA- M	0	-507
AI- D	0	-327	M - Z	258	0
D -AH	266	-145	Z - O	66	-254
AH- E	55	-157	O - Y	73	-146
F -AG	0	-256	P - X	0	-177

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2
Bot chord 4x2 SP #2
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F06	Ply: 1 Qty: 4 Wgt: 219.8 lbs	SEQN: 81561 / T25 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

AG- G	449	0	X - Q	392	0
G -AF	0	- 516	Q - W	0	- 471
AF- H	542	0	W - R	496	0
H -AE	0	- 877	R - V	0	- 856
AE- J	944	0	V - S	922	0
K -AM	8	0	T - U	8	0
K -AB	922	0	T - S	14	- 37
J -AM	9	- 1047	S - T	9	- 878

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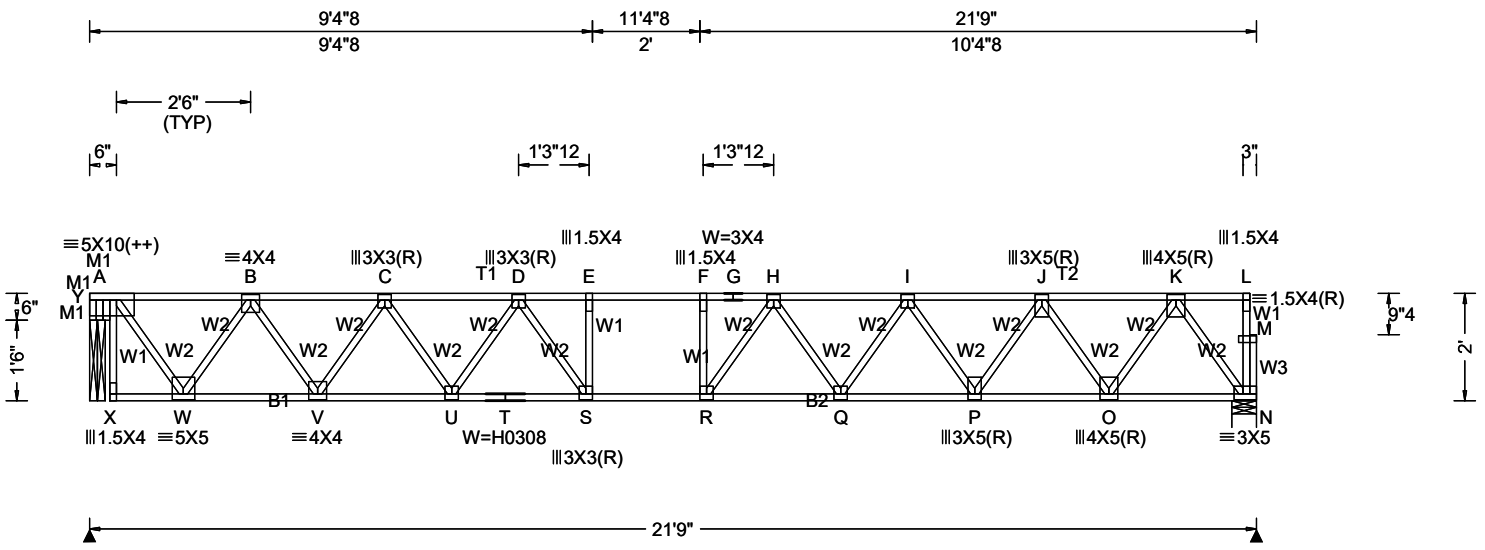
Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F07	Ply: 1 Qty: 18 Wgt: 142.8 lbs	SEQN: 81562 / T16 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 55.00	Wind Std: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 20.00	Speed: NA mph	Pf: NA Ce: NA	VERT(LL): 0.281 F 912 480
BCLL: 0.00	Enclosure: NA	Lu: NA Cs: NA	VERT(TL): 0.419 R 611 360
BCDL: 10.00	Category: NA	Snow Duration: NA	HORZ(LL): 0.057 N - -
Des Ld: 85.00	EXP: NA		HORZ(TL): 0.088 N - -
NCBCLL: 0.00	Mean Height: NA ft	**Code / Misc Criteria**	Creep Factor: 2.0
Soffit: 0.00	TCDL: NA psf	Bldg Code: IBC 2018	Max TC CSI: 0.864
Load Duration: 1.00	BCDL: NA psf	TPI Std: 2014	Max BC CSI: 0.880
Spacing: 16.0 "	MWFRS Parallel Dist: NA	Rep Factors Used: Yes	Max Web CSI: 0.872
	C&C Dist a: NA ft	FT/RT:12(0)/10(0)	Mfg Specified Camber:
	Loc. from endwall: NA	Plate Type(s):	
	I: NA GCpi: NA	WAVE, HS	VIEW Ver: 23.02.04A.0207.10
	Wind Duration: NA		

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #1 T2 4x2 SP #2;
Bot chord 4x2 SP #2 B2 4x2 SP #1;
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Deflection

Max JT VERT DEFL: LL: 0.28" DL: 0.21". See detail DEFLCAMB1014 for camber recommendations.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
Y	1228	/-	/-	/-	/-	/-
N	1220	/-	/-	/-	/-	/-

Y Brg Wid = 3.5 Min Req = 1.5
N Brg Wid = 5.5 Min Req = 1.5
Bearings Y & N are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-883	G - H	0	-3416
B - C	0	-2121	H - I	0	-3141
C - D	0	-2911	I - J	0	-2480
D - E	0	-3412	J - K	0	-1441
E - F	0	-3419	K - L	1	0
F - G	0	-3416			

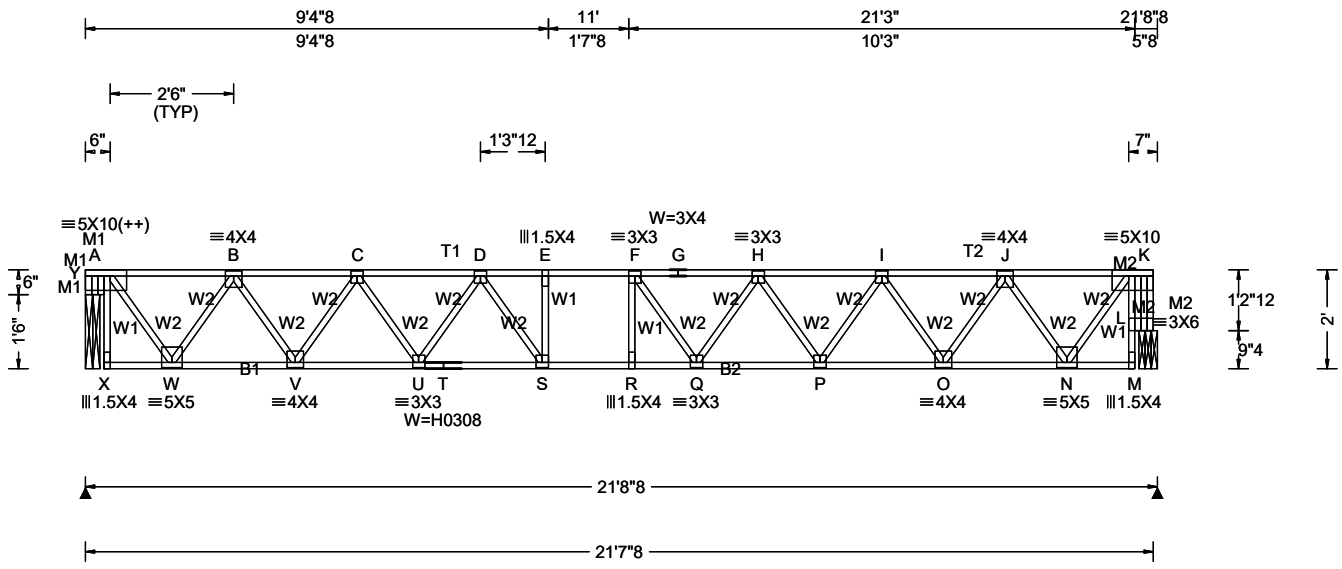
Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
X - W	47	0	S - R	3419	0
W - V	1625	0	R - Q	3354	0
V - U	2593	0	Q - P	2895	0
U - T	3217	0	P - O	2046	0
T - S	3217	0	O - N	811	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - Y	9	-443	R - H	453	-195
A - W	1414	0	H - Q	0	-409
Y - A	0	-988	Q - I	444	0
Y - X	8	0	I - P	0	-749
W - B	0	-1338	P - J	782	0
B - V	894	0	J - O	0	-1090
V - C	0	-850	O - K	1136	0
C - U	574	0	K - N	0	-1415
U - D	0	-551	L - M	0	-37
D - S	623	-28	N - M	0	-12
S - E	0	-363	M - N	0	-47
F - R	68	-271			

Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F08	Ply: 1 Qty: 12 Wgt: 147.0 lbs	SEQN: 81563 / T15 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.284	F	897	480
VERT(TL): 0.437	F	583	360
HORZ(LL): 0.055	M	-	-
HORZ(TL): 0.085	M	-	-

Creep Factor: 2.0
Max TC CSI: 0.860
Max BC CSI: 0.904
Max Web CSI: 0.963
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
Y	1220	/-	/-	/-	/-	/-
L	1220	/-	/-	/-	/-	/-

Y Brg Wid = 3.5 Min Req = 1.5
L Brg Wid = 4.5 Min Req = 1.5
Bearings Y & L are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-877	F - G	0	-3315
B - C	0	-2106	G - H	0	-3315
C - D	0	-2885	H - I	0	-2895
D - E	0	-3377	I - J	0	-2099
E - F	0	-3383	J - K	0	-895

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
X - W	46	0	R - Q	3386	0
W - V	1615	0	Q - P	3198	0
V - U	2572	0	P - O	2573	0
U - T	3190	0	O - N	1602	0
T - S	3190	0	N - M	97	0
S - R	3383	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - Y	9	-441	F - Q	157	-396
A - W	1405	0	Q - H	364	0
Y - A	0	-983	H - P	0	-546
Y - X	8	0	P - I	582	0
W - B	0	-1330	I - O	0	-854
B - V	886	0	O - J	895	0
V - C	0	-840	J - N	0	-1275
C - U	565	0	N - K	1350	0
U - D	0	-549	L - M	8	0
D - S	586	-36	L - K	0	-128
S - E	0	-296	K - L	9	-1112
R - F	125	-201			

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #1 T2 4x2 SP #2;
Bot chord 4x2 SP #2 B2 4x2 SP #1;
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3(R) except as noted.

(++) - This plate works for both joints covered.

Deflection

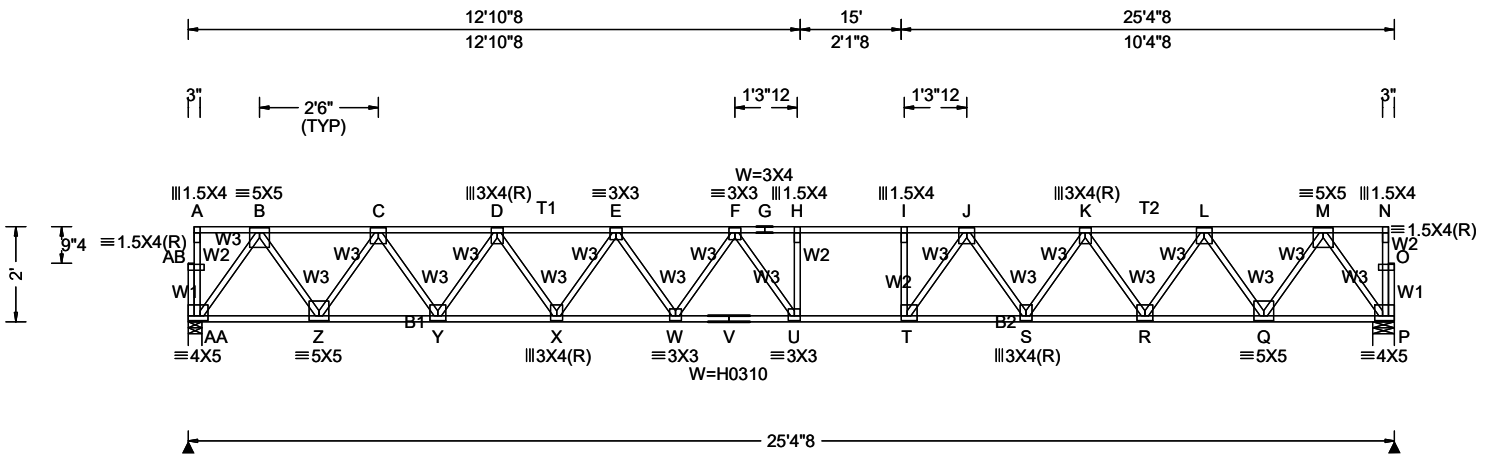
Max JT VERT DEFL: LL: 0.28" DL: 0.19". See detail DEFLCAMB1014 for camber recommendations.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F09	Ply: 1 Qty: 7 Wgt: 165.2 lbs	SEQN: 81564 / T1 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.437	H	686	480
VERT(TL): 0.637	U	471	360
HORZ(LL): 0.079	B	-	-
HORZ(TL): 0.122	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.695
Max BC CSI: 0.945
Max Web CSI: 0.658
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2 T2 4x2 SP 2400f-2.0E;
Bot chord 4x2 SP #1 B2 4x2 SP 2400f-2.0E;
Webs 4x2 SP #3

Plating Notes

All plates are 4X4 except as noted.

Deflection

Max JT VERT DEFL: LL: 0.44" DL: 0.31". See detail DEFLCAMB1014 for camber recommendations.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
AA	1425	/-	/-	/-	/-	/-
P	1425	/-	/-	/-	/-	/-

AA Brg Wid = 3.5 Min Req = 1.5
P Brg Wid = 5.5 Min Req = 1.5
Bearings AA & P are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	H - I	0	-4646
B - C	0	-1721	I - J	0	-4635
C - D	0	-3034	J - K	0	-3953
D - E	0	-3965	K - L	0	-3037
E - F	0	-4531	L - M	0	-1720
F - G	0	-4646	M - N	1	0
G - H	0	-4646			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AA- Z	954	0	U - T	4646	0
Z - Y	2464	0	T - S	4327	0
Y - X	3582	0	S - R	3583	0
X - W	4332	0	R - Q	2463	0
W - V	4680	0	Q - P	954	0
V - U	4680	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AB-AA	0	-59	I - T	0	-486
A -AB	0	-37	T - J	849	0
AA- B	0	-1665	J - S	0	-675
B - Z	1382	0	S - K	666	0
Z - C	0	-1338	K - R	0	-985
C - Y	1029	0	R - L	1035	0
Y - D	0	-988	L - Q	0	-1339
D - X	690	0	Q - M	1381	0
X - E	0	-661	M - P	0	-1664
E - W	390	0	N - O	0	-38
W - F	0	-382	P - O	0	-12
F - U	410	-390	O - P	0	-47
U - H	170	-249			

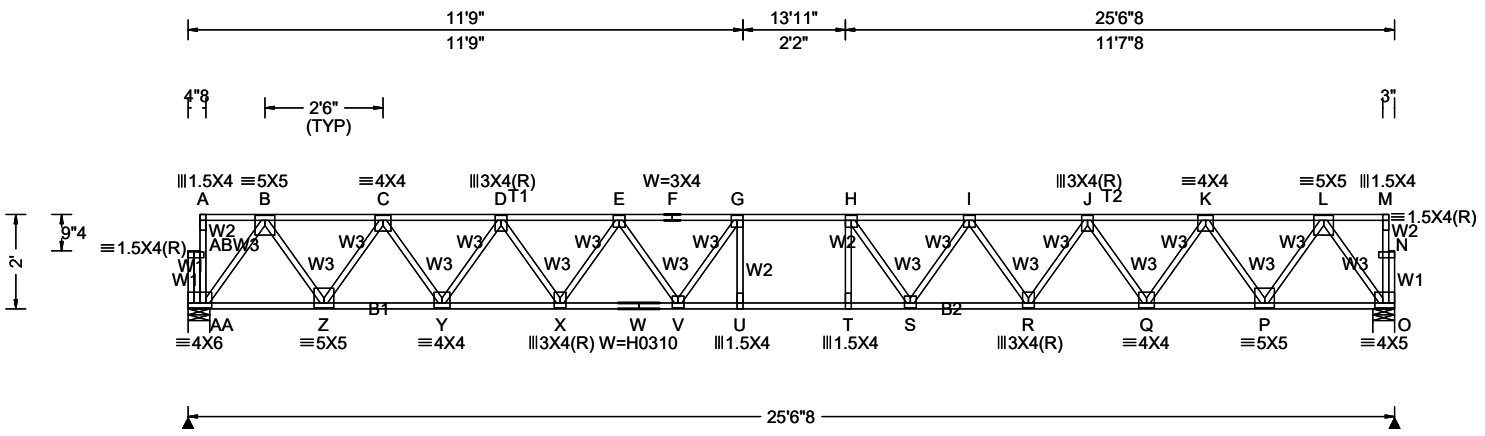
****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F10	Ply: 1 Qty: 110 Wgt: 168.0 lbs	SEQN: 81565 / T29 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)
TCLL: 55.00
TCDL: 20.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 85.00
NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.363	U	828	480
VERT(TL): 0.526	G	571	360
HORZ(LL): 0.065	B	-	-
HORZ(TL): 0.100	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.855
Max BC CSI: 0.719
Max Web CSI: 0.660
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AA	1429 / -	/ -	/ -	/ -	/ -
O	1428 / -	/ -	/ -	/ -	/ -

AA Brg Wid = 5.5 Min Req = 1.5
O Brg Wid = 5.5 Min Req = 1.5
Bearings AA & O are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	G - H	0	-4713
B - C	0	-1724	H - I	0	-4535
C - D	0	-3040	I - J	0	-3976
D - E	0	-3976	J - K	0	-3040
E - F	0	-4534	K - L	0	-1724
F - G	0	-4534	L - M	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AA- Z	956	0	U - T	4713	0
Z - Y	2468	0	T - S	4712	0
Y - X	3591	0	S - R	4339	0
X - W	4339	0	R - Q	3590	0
W - V	4339	0	Q - P	2468	0
V - U	4712	0	P - O	955	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AB-AA	4	-73	H - S	108	-641
A -AB	0	-37	S - I	518	0
AA- B	0	-1667	I - R	0	-655
B - Z	1385	0	R - J	695	0
Z - C	0	-1341	J - Q	0	-993
C - Y	1032	0	Q - K	1031	0
Y - D	0	-993	K - P	0	-1341
D - X	695	0	P - L	1385	0
X - E	0	-654	L - O	0	-1667
E - V	515	0	M - N	0	-38
V - G	105	-638	O - N	0	-12
G - U	262	-218	N - O	0	-48
T - H	262	-218			

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2 T2 4x2 SP 2400f-2.0E;
Bot chord 4x2 SP 2400f-2.0E
Webs 4x2 SP #3

Plating Notes

All plates are 3X3 except as noted.

Deflection

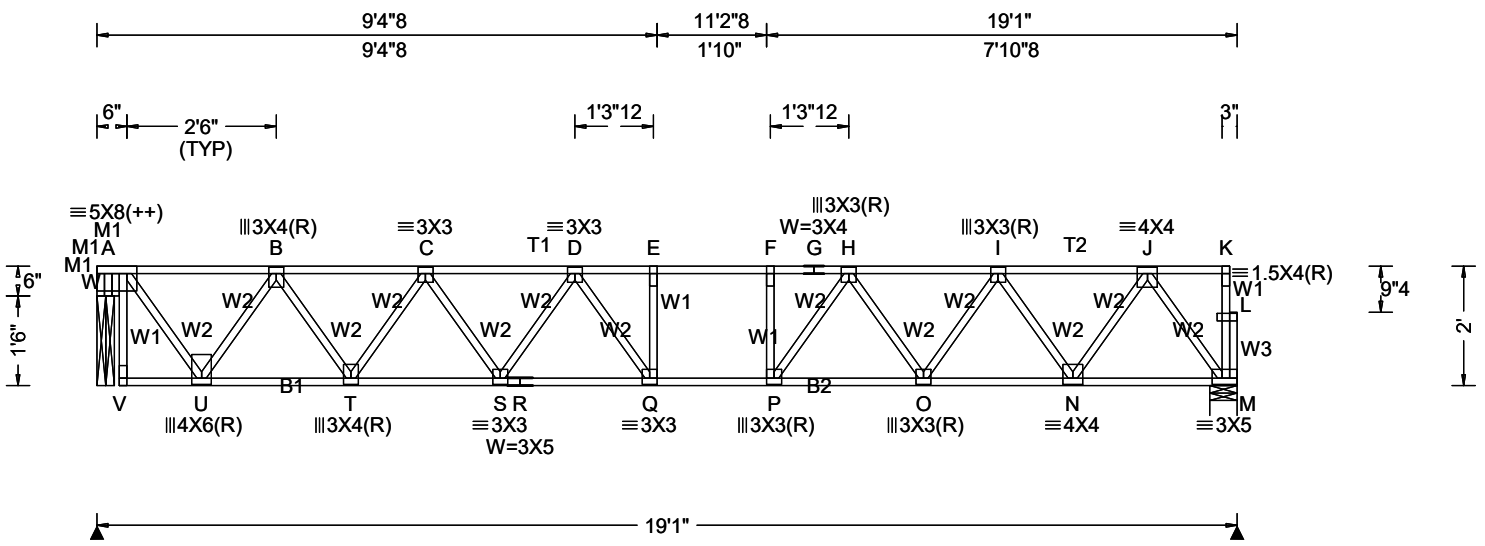
Max JT VERT DEFL: LL: 0.36" DL: 0.26". See detail DEFLCAMB1014 for camber recommendations.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F11	Ply: 1 Qty: 6 Wgt: 126.0 lbs	SEQN: 81566 / T18 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.198	E	999	480
VERT(TL): 0.309	Q	727	360
HORZ(LL): 0.045	A	-	-
HORZ(TL): 0.069	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.765
Max BC CSI: 0.733
Max Web CSI: 0.777
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
W	1076 / -	-	-	-	-
M	1069 / -	-	-	-	-

W Brg Wid = 3.5 Min Req = 1.5
M Brg Wid = 5.5 Min Req = 1.5
Bearings W & M are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-761	F - G	0	-2598
B - C	0	-1791	G - H	0	-2598
C - D	0	-2393	H - I	0	-2064
D - E	0	-2604	I - J	0	-1237
E - F	0	-2606	J - K	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
V - U	42	0	Q - P	2606	0
U - T	1396	0	P - O	2380	0
T - S	2167	0	O - N	1741	0
S - R	2583	0	N - M	705	0
R - Q	2583	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - W	8	-385	F - P	0	-343
A - U	1217	0	P - H	592	0
W - A	0	-871	H - O	0	-569
W - V	7	0	O - I	583	0
U - B	0	-1144	I - N	0	-909
B - T	712	0	N - J	959	0
T - C	0	-678	J - M	0	-1229
C - S	408	0	K - L	0	-38
S - D	0	-341	M - L	0	-12
D - Q	343	-199	L - M	0	-47
Q - E	75	-208			

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #1 T2 4x2 SP #2;
Bot chord 4x2 SP #2 B2 4x2 SP #1;
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 1.5X4 except as noted.

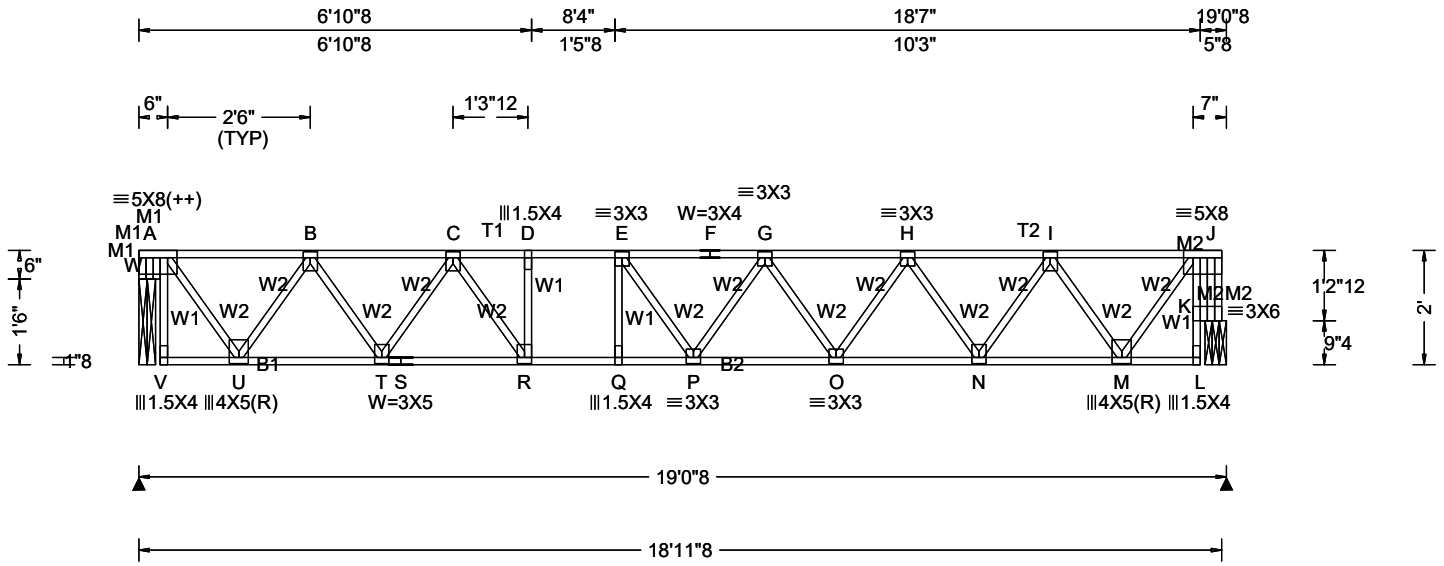
(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F12	Ply: 1 Qty: 3 Wgt: 133.0 lbs	SEQN: 81567 / T7 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.235	E	948	480
VERT(TL): 0.342	E	652	360
HORZ(LL): 0.055	L	-	-
HORZ(TL): 0.085	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.997
Max BC CSI: 0.948
Max Web CSI: 0.859
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
W	1069 / -	/ -	/ -	/ -	/ -
K	1069 / -	/ -	/ -	/ -	/ -

W Brg Wid = 3.5 Min Req = 1.5
K Brg Wid = 4.5 Min Req = 1.5
Bearings W & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	- 762	F - G	0	- 2581
B - C	0	- 1760	G - H	0	- 2368
C - D	0	- 2480	H - I	0	- 1772
D - E	0	- 2490	I - J	0	- 771
E - F	0	- 2581			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
V - U	44	0	Q - P	2497	0
U - T	1385	0	P - O	2577	0
T - S	2147	0	O - N	2144	0
S - R	2147	0	N - M	1375	0
R - Q	2490	0	M - L	86	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - W	8	- 364	P - G	191	- 114
A - U	1213	0	G - O	0	- 377
W - A	0	- 883	O - H	406	0
W - V	7	0	H - N	0	- 671
U - B	0	- 1125	N - I	714	0
B - T	675	0	I - M	0	- 1090
T - C	0	- 698	M - J	1158	0
C - R	720	0	K - L	8	0
R - D	0	- 342	K - J	0	- 104
Q - E	17	- 287	J - K	9	- 982
E - P	320	- 159			

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2
Bot chord 4x2 SP #2 B2 4x2 SP #1;
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X4(R) except as noted.

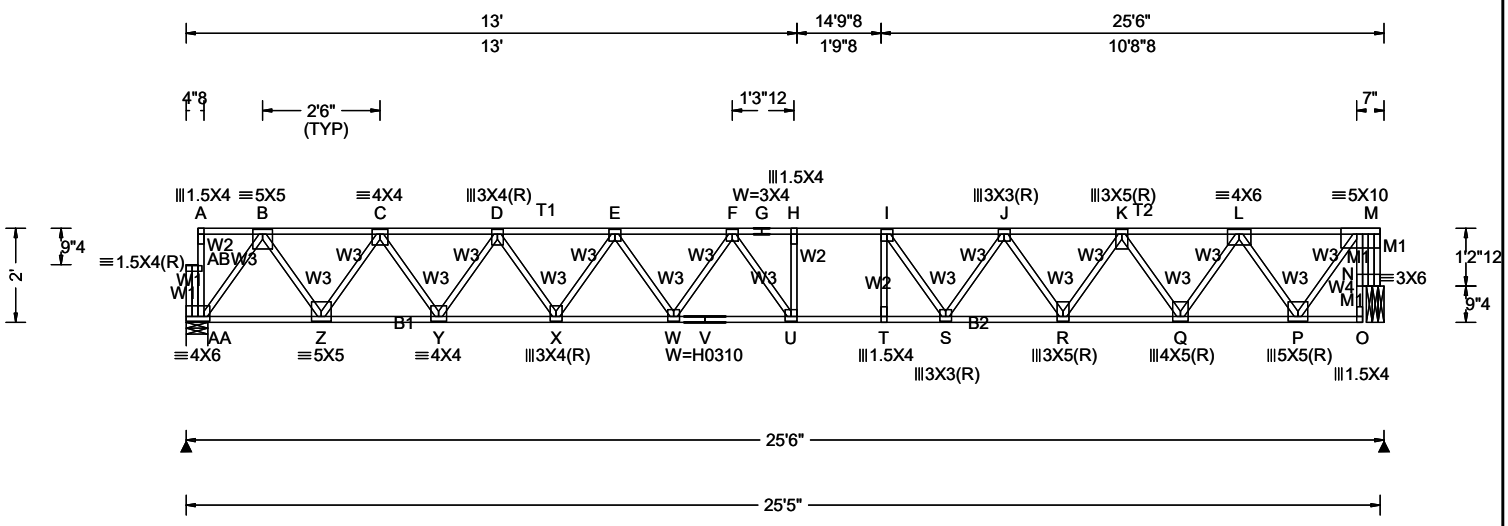
(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F13	Ply: 1 Qty: 8 Wgt: 173.6 lbs	SEQN: 81568 / T8 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.437	H	684	480
VERT(TL): 0.675	H	443	360
HORZ(LL): 0.079	B	-	-
HORZ(TL): 0.121	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.923
Max BC CSI: 0.871
Max Web CSI: 0.769
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
AA	1422	/-	/-	/-	/-	/-
N	1428	/-	/-	/-	/-	/-

AA Brg Wid = 5.5 Min Req = 1.5
N Brg Wid = 4.5 Min Req = 1.5
Bearings AA & N are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	G - H	0	-4631
B - C	0	-1714	H - I	0	-4632
C - D	0	-3021	I - J	0	-4326
D - E	0	-3946	J - K	0	-3619
E - F	0	-4503	K - L	0	-2549
F - G	0	-4631	L - M	0	-1065

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AA- Z	951	0	U - T	4632	0
Z - Y	2454	0	T - S	4627	0
Y - X	3566	0	S - R	4049	0
X - W	4309	0	R - Q	3163	0
W - V	4652	0	Q - P	1914	0
V - U	4652	0	P - O	110	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AB-AA	4	-73	T - I	326	-113
A -AB	0	-37	I - S	0	-773
AA- B	0	-1659	S - J	613	0
B - Z	1377	0	J - R	0	-774
Z - C	0	-1333	R - K	822	0
C - Y	1023	0	K - Q	0	-1107
Y - D	0	-982	Q - L	1145	0
D - X	685	0	L - P	0	-1532
X - E	0	-654	P - M	1615	0
E - W	384	0	N - O	8	0
W - F	0	-386	N - M	0	-168
F - U	395	-360	M - N	9	-1284
U - H	101	-202			

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2 T2 4x2 SP #1;
Bot chord 4x2 SP #1 B2 4x2 SP 2400f-2.0E;
Webs 4x2 SP #3 W4 4x2 SP #2;
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3 except as noted.

Deflection

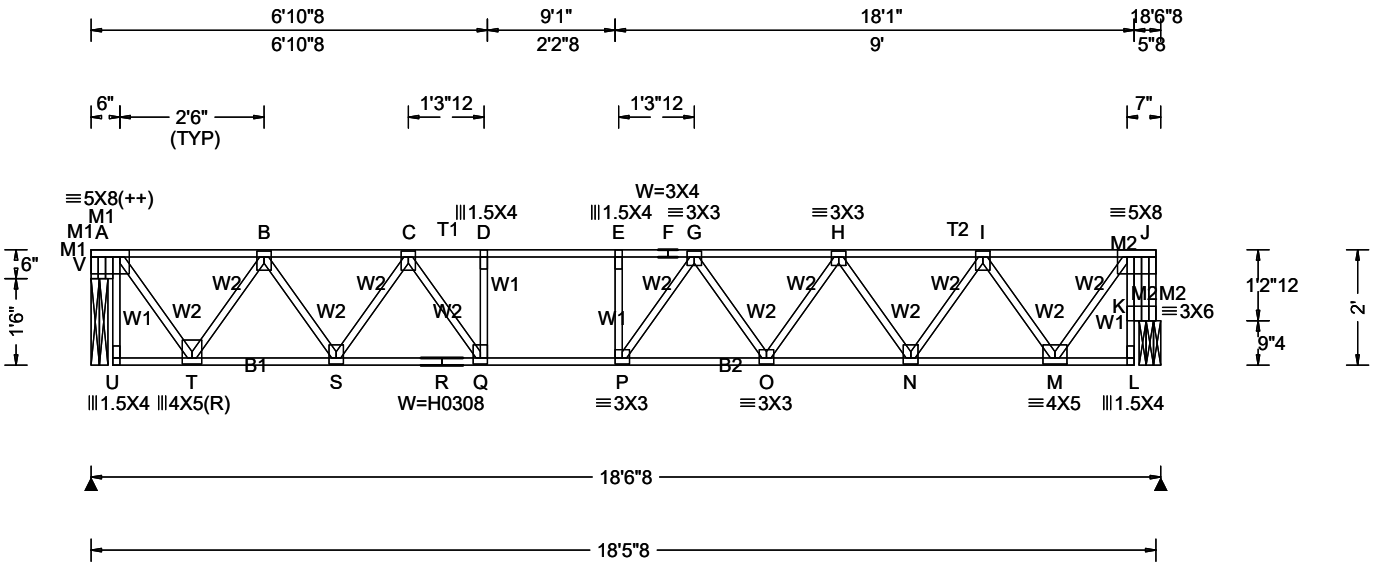
Max JT VERT DEFL: LL: 0.44" DL: 0.29". See detail DEFLCAMB1014 for camber recommendations.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F14	Ply: 1 Qty: 15 Wgt: 127.4 lbs	SEQN: 81569 / T20 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00

NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.233	E	931	480
VERT(TL): 0.381	P	569	360
HORZ(LL): 0.056	L	-	-
HORZ(TL): 0.085	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.764
Max BC CSI: 0.882
Max Web CSI: 0.841
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
V	1041 /-	/-	/-	/-	/-
K	1041 /-	/-	/-	/-	/-

V Brg Wid = 3.5 Min Req = 1.5
K Brg Wid = 4.5 Min Req = 1.5
Bearings V & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-737	F - G	0	-2396
B - C	0	-1700	G - H	0	-2276
C - D	0	-2384	H - I	0	-1708
D - E	0	-2396	I - J	0	-748
E - F	0	-2396			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
U - T	40	0	P - O	2430	0
T - S	1344	0	O - N	2071	0
S - R	2061	0	N - M	1331	0
R - Q	2061	0	M - L	85	0
Q - P	2396	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - V	9	-374	P - G	281	-262
A - T	1179	0	G - O	0	-296
V - A	0	-840	O - H	370	0
V - U	8	0	H - N	0	-653
T - B	0	-1095	N - I	680	0
B - S	641	0	I - M	0	-1051
S - C	0	-650	M - J	1122	0
C - Q	739	0	K - L	6	0
Q - D	0	-435	K - J	0	-99
E - P	101	-182	J - K	8	-959

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #1 T2 4x2 SP #2;
Bot chord 4x2 SP #2 B2 4x2 SP #1;
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X4(R) except as noted.

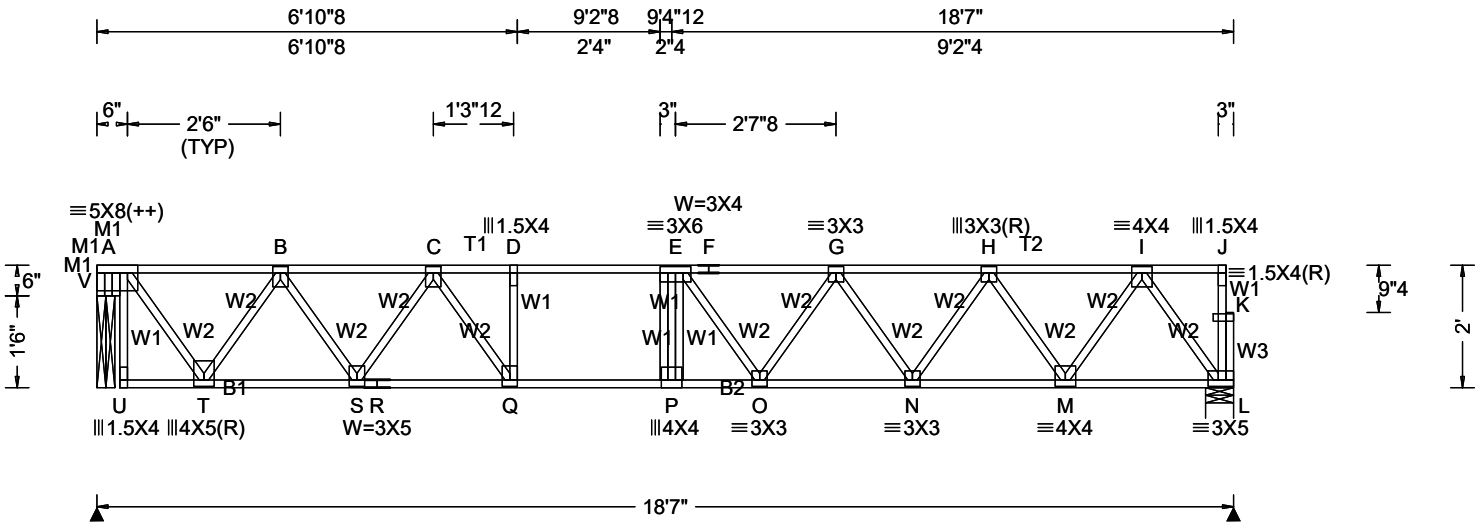
(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F15	Ply: 1 Qty: 32 Wgt: 128.8 lbs	SEQN: 81570 / T19 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.216	P	999	480
VERT(TL): 0.365	P	598	360
HORZ(LL): 0.052	L	-	-
HORZ(TL): 0.080	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.715
Max BC CSI: 0.638
Max Web CSI: 0.649
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
V	1048 /-	/-	/-	/-	/-
L	1040 /-	/-	/-	/-	/-

V Brg Wid = 3.5 Min Req = 1.5
L Brg Wid = 5.5 Min Req = 1.5
Bearings V & L are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-741	F - G	0	-2409
B - C	0	-1715	G - H	0	-1998
C - D	0	-2423	H - I	0	-1195
D - E	0	-2435	I - J	1	0
E - F	0	-2409			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
U - T	35	0	P - O	2439	0
T - S	1356	0	O - N	2303	0
S - R	2086	0	N - M	1678	0
R - Q	2086	0	M - L	686	0
Q - P	2435	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - V	9	-408	E - O	156	-321
A - T	1194	0	O - G	312	0
V - A	0	-814	G - N	0	-550
V - U	8	0	N - H	577	0
T - B	0	-1108	H - M	0	-870
B - S	647	0	M - I	917	0
S - C	0	-669	I - L	0	-1197
C - Q	769	0	J - K	0	-36
Q - D	0	-417	L - K	0	-12
P - E	68	-229	K - L	0	-45

Lumber

Value Set: NDS 2015

Top chord 4x2 SP 2400f-2.0E T2 4x2 SP #1;
Bot chord 4x2 SP #2 B2 4x2 SP 2400f-2.0E;
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X4(R) except as noted.

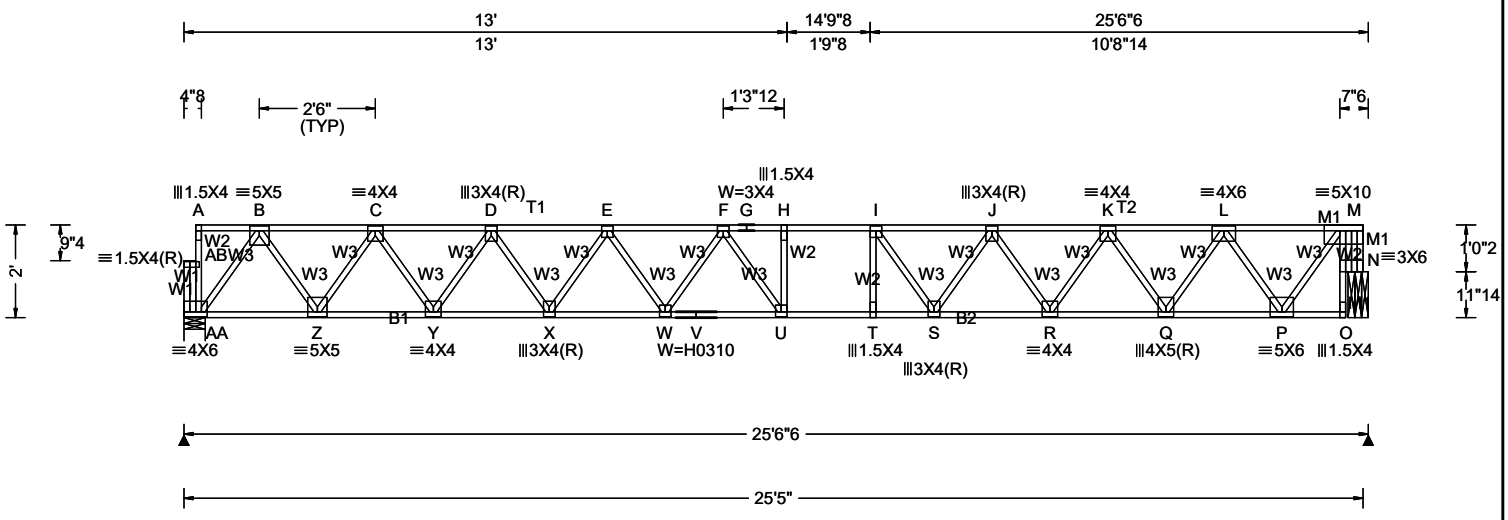
(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F16	Ply: 1 Qty: 7 Wgt: 169.4 lbs	SEQN: 81485 / T53 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00

NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.415	H	720	480
VERT(TL): 0.640	H	466	360
HORZ(LL): 0.075	B	-	-
HORZ(TL): 0.116	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.694
Max BC CSI: 0.867
Max Web CSI: 0.857
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AA	1421 / -	/ -	/ -	/ -	/ -
N	1430 / -	/ -	/ -	/ -	/ -

AA Brg Wid = 5.5 Min Req = 1.5 (Truss)
N Brg Wid = 5.2 Min Req = 1.5 (Support)
Bearings AA & N are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	G - H	0	-4617
B - C	0	-1712	H - I	0	-4618
C - D	0	-3016	I - J	0	-4313
D - E	0	-3939	J - K	0	-3601
E - F	0	-4493	K - L	0	-2531
F - G	0	-4617	L - M	0	-1036

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AA- Z	950	0	U - T	4618	0
Z - Y	2450	0	T - S	4614	0
Y - X	3560	0	S - R	4032	0
X - W	4301	0	R - Q	3143	0
W - V	4642	0	Q - P	1898	0
V - U	4642	0	P - O	68	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AB-AA	4	-73	T - I	297	-100
A -AB	0	-37	I - S	0	-766
AA- B	0	-1657	S - J	625	0
B - Z	1375	0	J - R	0	-777
Z - C	0	-1331	R - K	825	0
C - Y	1021	0	K - Q	0	-1104
Y - D	0	-980	Q - L	1142	0
D - X	683	0	L - P	0	-1553
X - E	0	-652	P - M	1637	0
E - W	384	0	N - O	8	0
W - F	0	-381	N - M	0	-264
F - U	393	-369	M - N	9	-1196
U - H	130	-210			

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2 T2 4x2 SP 2400f-2.0E;
Bot chord 4x2 SP #1 B2 4x2 SP 2400f-2.0E;
Webs 4x2 SP #3
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3 except as noted.

Deflection

Max JT VERT DEFL: LL: 0.41" DL: 0.28". See detail DEFLCAMB1014 for camber recommendations.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

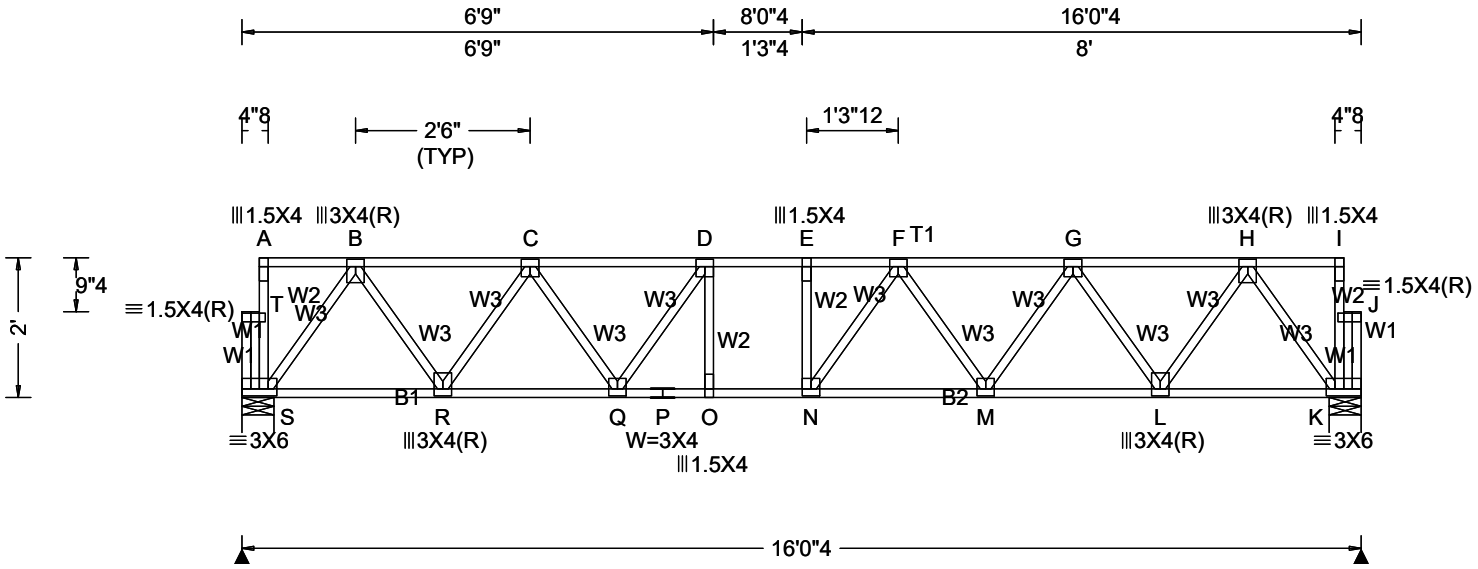
****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F17	Ply: 1 Qty: 4 Wgt: 114.8 lbs	SEQN: 81572 / T14 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.100	E	999	480
VERT(TL): 0.156	N	999	360
HORZ(LL): 0.020	K	-	-
HORZ(TL): 0.031	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.526
Max BC CSI: 0.689
Max Web CSI: 0.348
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
S	883 /-	/-	/-	/-	/-
K	883 /-	/-	/-	/-	/-

S Brg Wid = 5.5 Min Req = 1.5 (Truss)
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings S & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	E - F	0	-1770
B - C	0	-979	F - G	0	-1567
C - D	0	-1566	G - H	0	-978
D - E	0	-1771	H - I	3	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
S - R	574	0	O - N	1771	0
R - Q	1357	0	N - M	1745	0
Q - P	1769	0	M - L	1361	0
P - O	1769	0	L - K	573	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
T - S	4	-75	N - F	261	-140
A - T	0	-39	F - M	0	-320
S - B	0	-1002	M - G	373	0
B - R	729	0	G - L	0	-689
R - C	0	-682	L - H	730	0
C - Q	402	0	H - K	0	-1000
Q - D	0	-446	I - J	0	-38
D - O	156	-64	K - J	4	-34
E - N	33	-130	J - K	0	-39

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

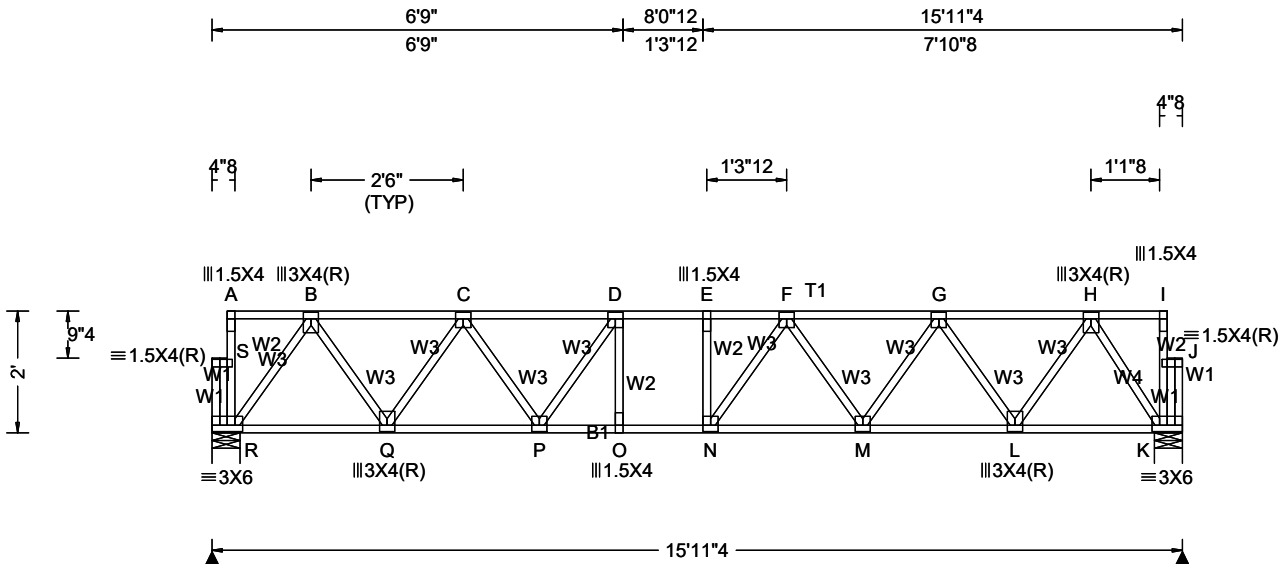
****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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

Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F18	Ply: 1 Qty: 3 Wgt: 113.4 lbs	SEQN: 81573 / T21 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.098	E	999	480
VERT(TL): 0.155	E	999	360
HORZ(LL): 0.020	K	-	-
HORZ(TL): 0.030	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.527
Max BC CSI: 0.682
Max Web CSI: 0.353
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
R	878	/-	/-	/-	/-	/-
K	878	/-	/-	/-	/-	/-

R Brg Wid = 5.5 Min Req = 1.5 (Truss)
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings R & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	E - F	0	-1752
B - C	0	-972	F - G	0	-1534
C - D	0	-1553	G - H	0	-933
D - E	0	-1753	H - I	3	0

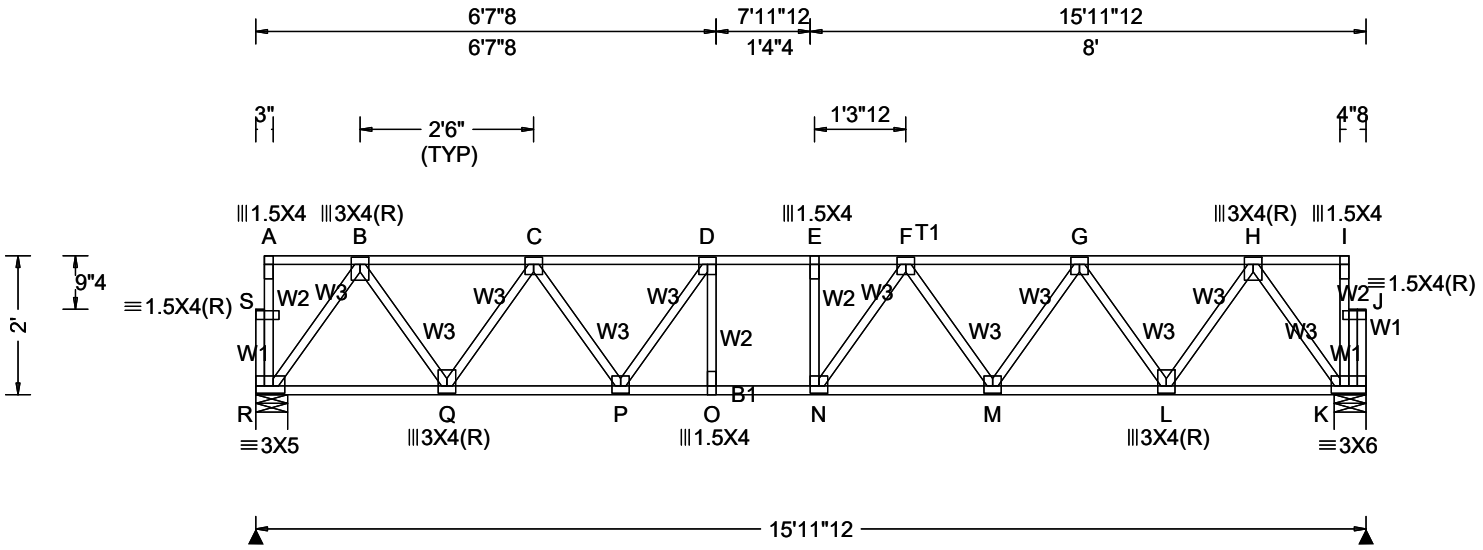
Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	571	0	N - M	1718	0
Q - P	1347	0	M - L	1321	0
P - O	1752	0	L - K	521	0
O - N	1753	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
S - R	4	-75	N - F	272	-127
A - S	0	-39	F - M	0	-332
R - B	0	-996	M - G	384	0
B - Q	724	0	G - L	0	-701
Q - C	0	-676	L - H	741	0
C - P	397	0	H - K	0	-975
P - D	0	-440	I - J	0	-29
D - O	152	-67	K - J	3	-33
E - N	26	-136	J - K	0	-31

Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F19	Ply: 1 Qty: 7 Wgt: 110.6 lbs	SEQN: 81574 / T23 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)
TCLL: 55.00
TCDL: 20.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 85.00
NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.103	E	999	480
VERT(TL): 0.164	E	999	360
HORZ(LL): 0.020	K	-	-
HORZ(TL): 0.032	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.428
Max BC CSI: 0.714
Max Web CSI: 0.351
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
R	886 /-	/-	/-	/-	/-
K	888 /-	/-	/-	/-	/-

R Brg Wid = 5.5 Min Req = 1.5
K Brg Wid = 5.5 Min Req = 1.5
Bearings R & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	E - F	0	-1788
B - C	0	-985	F - G	0	-1580
C - D	0	-1579	G - H	0	-985
D - E	0	-1789	H - I	3	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	578	0	N - M	1760	0
Q - P	1366	0	M - L	1370	0
P - O	1788	0	L - K	576	0
O - N	1789	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
S - R	0	-61	N - F	269	-137
A - S	0	-39	F - M	0	-325
R - B	0	-1008	M - G	379	0
B - Q	734	0	G - L	0	-695
Q - C	0	-687	L - H	736	0
C - P	409	0	H - K	0	-1006
P - D	0	-458	I - J	0	-38
D - O	160	-63	K - J	4	-34
E - N	30	-137	J - K	0	-39

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

Plating Notes
All plates are 3X3 except as noted.

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

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

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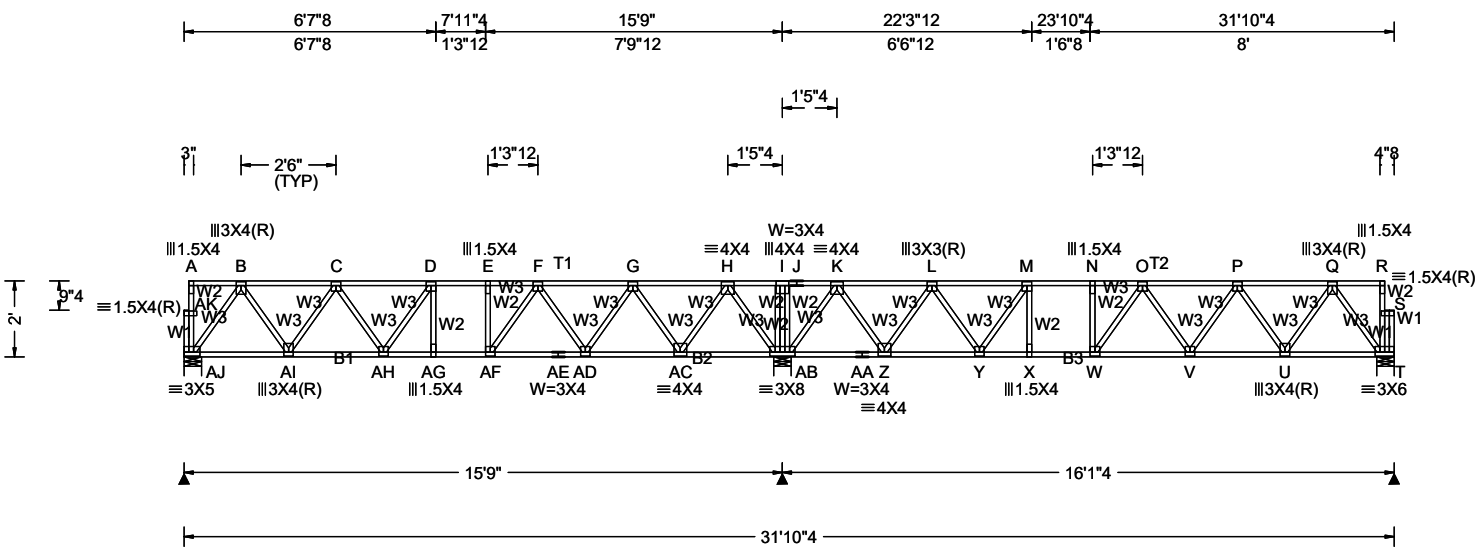
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F20	Ply: 1 Qty: 9 Wgt: 215.6 lbs	SEQN: 81575 / T12 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.125	N	999	480
VERT(TL): 0.199	W	950	360
HORZ(LL): 0.026	T	-	-
HORZ(TL): 0.041	T	-	-

Creep Factor: 2.0
Max TC CSI: 0.652
Max BC CSI: 0.883
Max Web CSI: 0.415
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

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

Plating Notes
All plates are 3X3 except as noted.

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

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AJ	825 / -	/ -	/ -	/ -	/ -
AB	2010 / -	/ -	/ -	/ -	/ -
T	857 / -	/ -	/ -	/ -	/ -

AJ Brg Wid = 5.5 Min Req = 1.5
AB Brg Wid = 5.5 Min Req = 1.5
T Brg Wid = 5.5 Min Req = 1.5
Bearings AJ, AB, & T are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	J - K	1033	0
B - C	0	-885	K - L	209	-531
C - D	0	-1378	L - M	0	-1235
D - E	0	-1512	M - N	0	-1530
E - F	0	-1508	N - O	0	-1530
F - G	0	-1178	O - P	0	-1433
G - H	145	-493	P - Q	0	-905
H - I	1033	0	Q - R	3	0
I - J	1033	0			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AJ-AI	525	0	AB-AA	80	-431
AI-AH	1221	0	AA- Z	80	-431
AH-AG	1512	0	Z - Y	962	-29
AG-AF	1512	0	Y - X	1526	0
AF-AE	1410	0	X - W	1530	0
AE-AD	1410	0	W - V	1568	0
AD-AC	925	0	V - U	1256	0
AC-AB	43	-367	U - T	535	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AK-AJ	0	-62	AB- K	0	-1159
A -AK	0	-41	K - Z	867	0
AJ- B	0	-917	Z - L	0	-829
B -AI	650	0	L - Y	560	0
AI- C	0	-605	Y - M	0	-632
C -AH	301	0	M - X	238	0
AH- D	36	-311	N - W	94	-81
D -AG	92	-135	W - O	136	-282
E -AF	0	-205	O - V	6	-244
AF- F	416	0	V - P	319	0

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F20	Ply: 1 Qty: 9 Wgt: 215.6 lbs	SEQN: 81575 / T12 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

F -AD	0	-486	P - U	0	-632
AD- G	513	0	U - Q	668	0
G -AC	0	-839	Q - T	0	-938
AC- H	872	0	R - S	0	-37
H -AB	0	-1146	T - S	4	-34
I -AB	0	-147	S - T	0	-39

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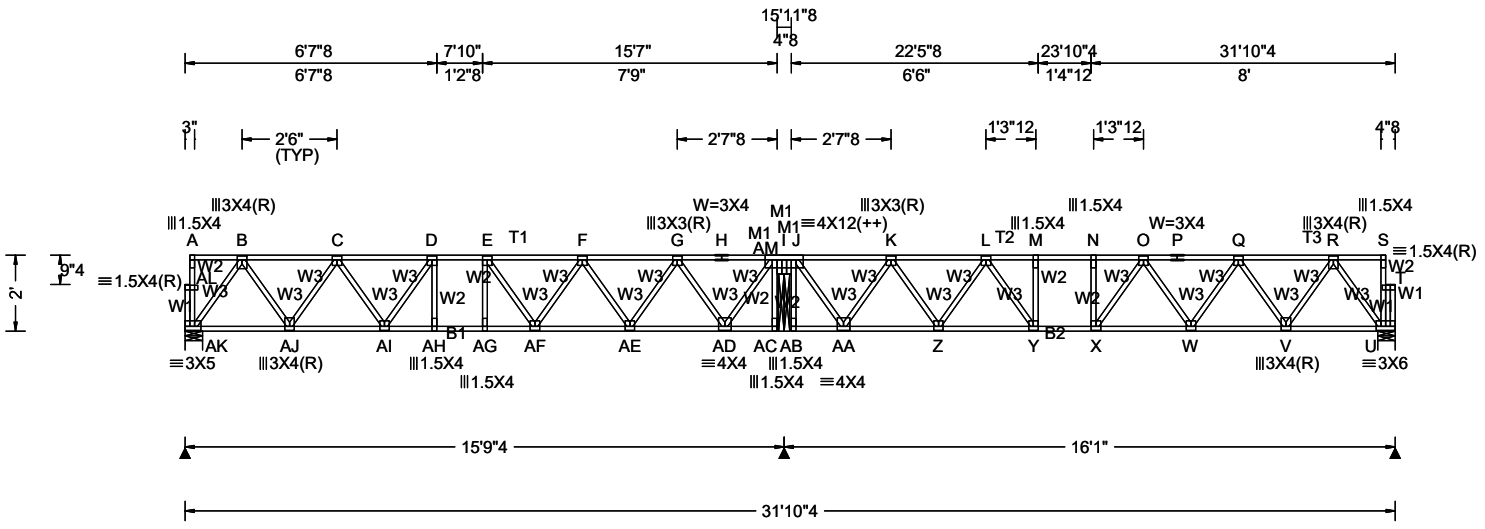
Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F21	Ply: 1 Qty: 5 Wgt: 217.0 lbs	SEQN: 81576 / T17 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.109	N	999	480
VERT(TL): 0.174	N	999	360
HORZ(LL): -0.025	R	-	-
HORZ(TL): 0.043	R	-	-

Creep Factor: 2.0
Max TC CSI: 0.564
Max BC CSI: 0.804
Max Web CSI: 0.451
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AK	894	/-	/-	/-	/-	/-
AM	1808	/-	/-	/-	/-	/-
U	919	/-	/-	/-	/-	/-

AK Brg Wid = 5.5 Min Req = 1.5
AM Brg Wid = 3.5 Min Req = 1.5
U Brg Wid = 5.5 Min Req = 1.5
Bearings AK, AM, & U are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - K	0	-571	K - L	0	-1355
A - B	1	0	L - M	0	-1805
B - C	0	-979	M - N	0	-1811
C - D	0	-1564	N - O	0	-1809
D - E	0	-1776	O - P	0	-1596
E - F	0	-1717	P - Q	0	-1596
F - G	0	-1339	Q - R	0	-991
G - H	0	-560	R - S	3	0
H - I	0	-560			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AK-AJ	574	0	AB-AA	11	-15
AJ-AI	1356	0	AA- Z	1060	0
AI-AH	1773	0	Z - Y	1634	0
AH-AG	1776	0	Y - X	1811	0
AG-AF	1778	0	X - W	1779	0
AF-AE	1616	0	W - V	1381	0
AE-AD	1041	0	V - U	578	0
AD-AC	11	-15			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL-AK	0	-61	AM-AC	7	0
A -AL	0	-39	AM- J	0	-1052
AK- B	0	-1002	AM-AB	8	0
B -AJ	730	0	AA- K	0	-881
AJ- C	0	-681	K - Z	546	0
C -AI	394	0	Z - L	0	-521
AI- D	0	-450	L - Y	459	0
D -AH	201	-77	Y - M	0	-262
AG- E	105	-173	N - X	53	-162
E -AF	71	-274	X - O	273	-144

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F21	Ply: 1 Qty: 5 Wgt: 217.0 lbs	SEQN: 81576 / T17 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

AF- F	264	0	O - W	0	- 331
F -AE	0	- 514	W - Q	387	0
AE- G	552	0	Q - V	0	- 703
G -AD	0	- 866	V - R	744	0
AD- I	929	0	R - U	0	- 1014
I -AM	8	- 1053	S - T	0	- 38
J -AM	9	0	U - T	4	- 34
J -AA	948	0	T - U	0	- 39

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

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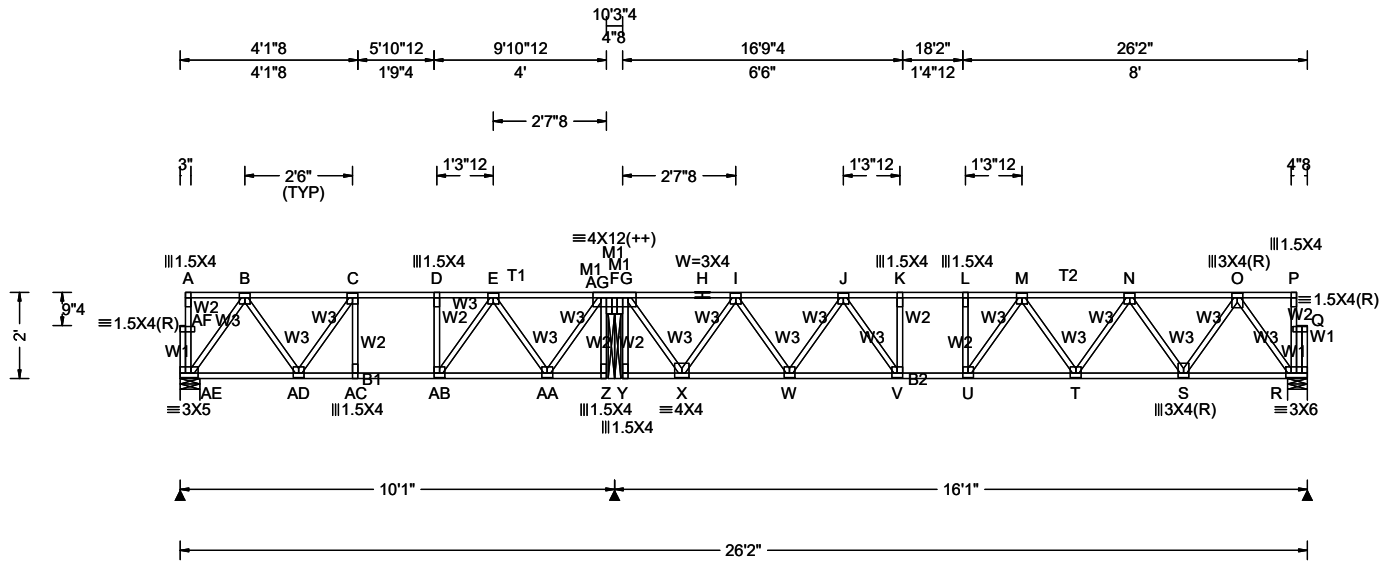
Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F22	Ply: 1 Qty: 4 Wgt: 179.2 lbs	SEQN: 81577 / T10 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.110	L	999	480
VERT(TL): 0.174	L	999	360
HORZ(LL): -0.026	O	-	-
HORZ(TL): 0.043	O	-	-

Creep Factor: 2.0
Max TC CSI: 0.577
Max BC CSI: 0.675
Max Web CSI: 0.453
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AE	570 / -	/ -	/ -	/ -	/ -
AG	1488 / -	/ -	/ -	/ -	/ -
R	920 / -	/ -	/ -	/ -	/ -

AE Brg Wid = 5.5 Min Req = 1.5
AG Brg Wid = 3.5 Min Req = 1.5
R Brg Wid = 5.5 Min Req = 1.5
Bearings AE, AG, & R are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
F - H	0	-576	I - J	0	-1360
A - B	1	0	J - K	0	-1808
B - C	0	-534	K - L	0	-1815
C - D	0	-693	L - M	0	-1813
D - E	0	-689	M - N	0	-1598
E - F	0	-314	N - O	0	-992
H - I	0	-576	O - P	3	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AE-AD	348	0	X - W	1067	0
AD-AC	693	0	W - V	1639	0
AC-AB	693	0	V - U	1815	0
AB-AA	577	0	U - T	1782	0
AA- Z	7	-16	T - S	1383	0
Y - X	13	-8	S - R	579	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AF-AE	0	-56	X - I	0	-885
A -AF	0	-35	I - W	539	0
AE- B	0	-609	W - J	0	-513
B -AD	334	0	J - V	456	0
AD- C	0	-295	V - K	0	-262
C -AC	70	-62	L - U	50	-163
D -AB	0	-185	U - M	275	-139
AB- E	330	0	M - T	0	-332
E -AA	0	-474	T - N	388	0
AA- F	520	0	N - S	0	-704
G -AG	9	0	S - O	745	0
G - X	952	0	O - R	0	-1015
F -AG	14	-807	P - Q	0	-38
AG- Z	13	0	R - Q	4	-34

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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

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Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F22	Ply: 1 Qty: 4 Wgt: 179.2 lbs	SEQN: 81577 / T10 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

AG- G	0	-925	Q - R	0	-39		
AG- Y	8	0					

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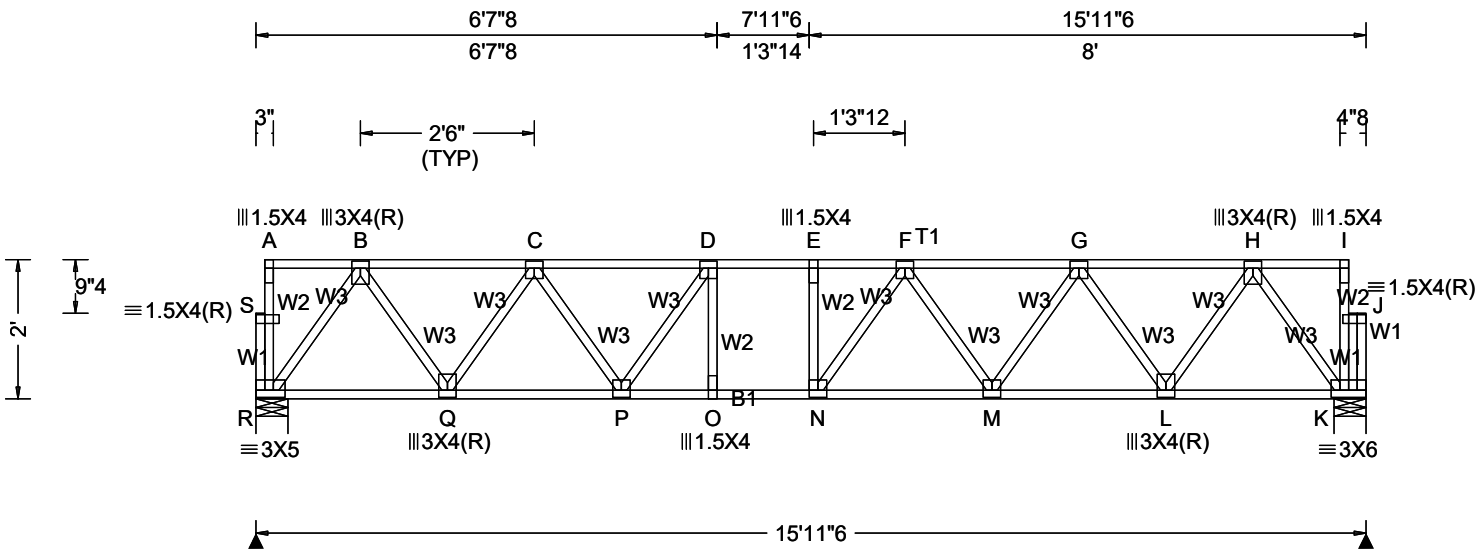
Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F23	Ply: 1 Qty: 11 Wgt: 110.6 lbs	SEQN: 81578 / T30 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.102	E	999	480
VERT(TL): 0.161	E	999	360
HORZ(LL): 0.020	K	-	-
HORZ(TL): 0.031	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.557
Max BC CSI: 0.705
Max Web CSI: 0.350
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

		Gravity		Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
R	884	/-	/-	/-	/-	/-
K	886	/-	/-	/-	/-	/-

R Brg Wid = 5.5 Min Req = 1.5
K Brg Wid = 5.5 Min Req = 1.5
Bearings R & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	E - F	0	-1781
B - C	0	-983	F - G	0	-1575
C - D	0	-1574	G - H	0	-982
D - E	0	-1783	H - I	3	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	577	0	N - M	1755	0
Q - P	1363	0	M - L	1367	0
P - O	1781	0	L - K	575	0
O - N	1783	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
S - R	0	-61	N - F	267	-138
A - S	0	-39	F - M	0	-323
R - B	0	-1006	M - G	376	0
B - Q	732	0	G - L	0	-693
Q - C	0	-685	L - H	734	0
C - P	406	0	H - K	0	-1004
P - D	0	-453	I - J	0	-38
D - O	158	-64	K - J	4	-34
E - N	31	-134	J - K	0	-39

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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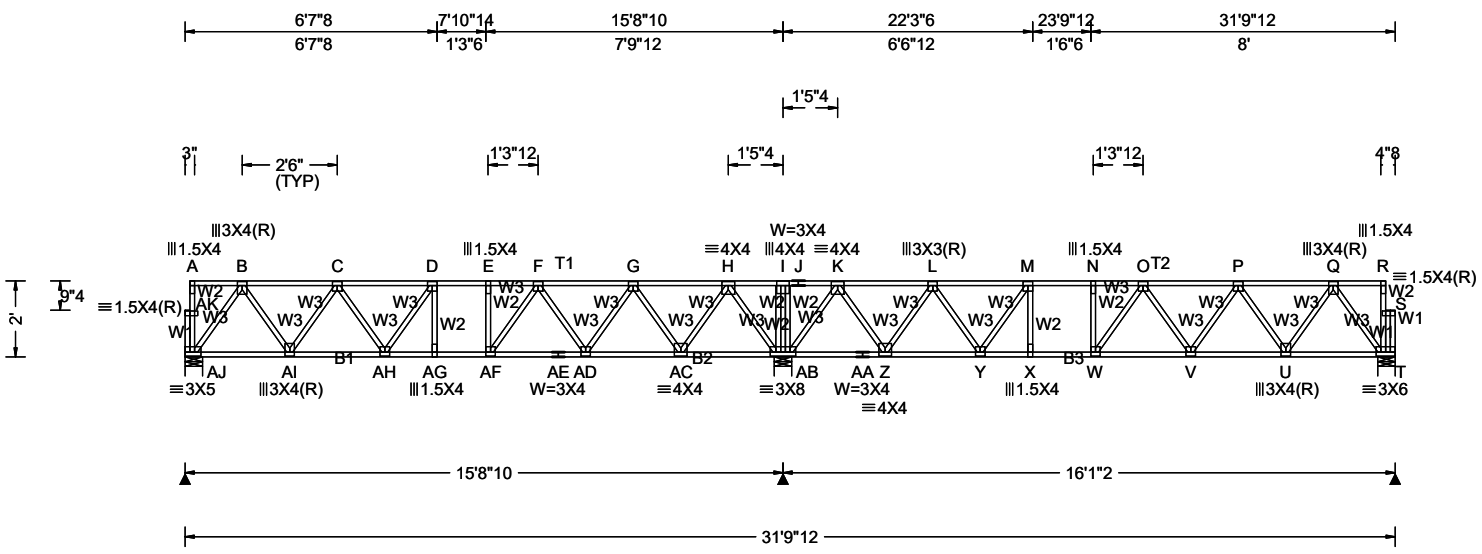
Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F24	Ply: 1 Qty: 8 Wgt: 215.6 lbs	SEQN: 81579 / T6 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)
TCLL: 55.00
TCDL: 20.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 85.00
NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.124	N	999	480
VERT(TL): 0.198	W	957	360
HORZ(LL): 0.026	T	-	-
HORZ(TL): 0.041	T	-	-

Creep Factor: 2.0
Max TC CSI: 0.648
Max BC CSI: 0.878
Max Web CSI: 0.414
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AJ	823	/-	/-	/-	/-	/-
AB	2008	/-	/-	/-	/-	/-
T	856	/-	/-	/-	/-	/-

AJ Brg Wid = 5.5 Min Req = 1.5
AB Brg Wid = 5.5 Min Req = 1.5
T Brg Wid = 5.5 Min Req = 1.5
Bearings AJ, AB, & T are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	J - K	1033	0
B - C	0	-882	K - L	209	-528
C - D	0	-1372	L - M	0	-1232
D - E	0	-1504	M - N	0	-1526
E - F	0	-1501	N - O	0	-1526
F - G	0	-1173	O - P	0	-1430
G - H	149	-489	P - Q	0	-904
H - I	1033	0	Q - R	3	0
I - J	1033	0			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AJ-AI	523	0	AB-AA	76	-432
AI-AH	1217	0	AA- Z	76	-432
AH-AG	1505	0	Z - Y	958	-29
AG-AF	1504	0	Y - X	1522	0
AF-AE	1404	0	X - W	1526	0
AE-AD	1404	0	W - V	1564	0
AD-AC	921	0	V - U	1254	0
AC-AB	40	-366	U - T	534	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AK-AJ	0	-62	AB- K	0	-1158
A -AK	0	-41	K - Z	866	0
AJ- B	0	-914	Z - L	0	-828
B -AI	647	0	L - Y	559	0
AI- C	0	-603	Y - M	0	-630
C -AH	299	0	M - X	237	0
AH- D	39	-309	N - W	94	-79
D -AG	91	-135	W - O	134	-281
E -AF	0	-202	O - V	6	-242
AF- F	413	-1	V - P	318	0

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

Plating Notes
All plates are 3X3 except as noted.

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

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F24	Ply: 1 Qty: 8 Wgt: 215.6 lbs	SEQN: 81579 / T6 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

F -AD	0	-484	P - U	0	-630
AD- G	511	0	U - Q	667	0
G -AC	0	-837	Q - T	0	-937
AC- H	870	0	R - S	0	-37
H -AB	0	-1144	T - S	4	-34
I -AB	0	-147	S - T	0	-39

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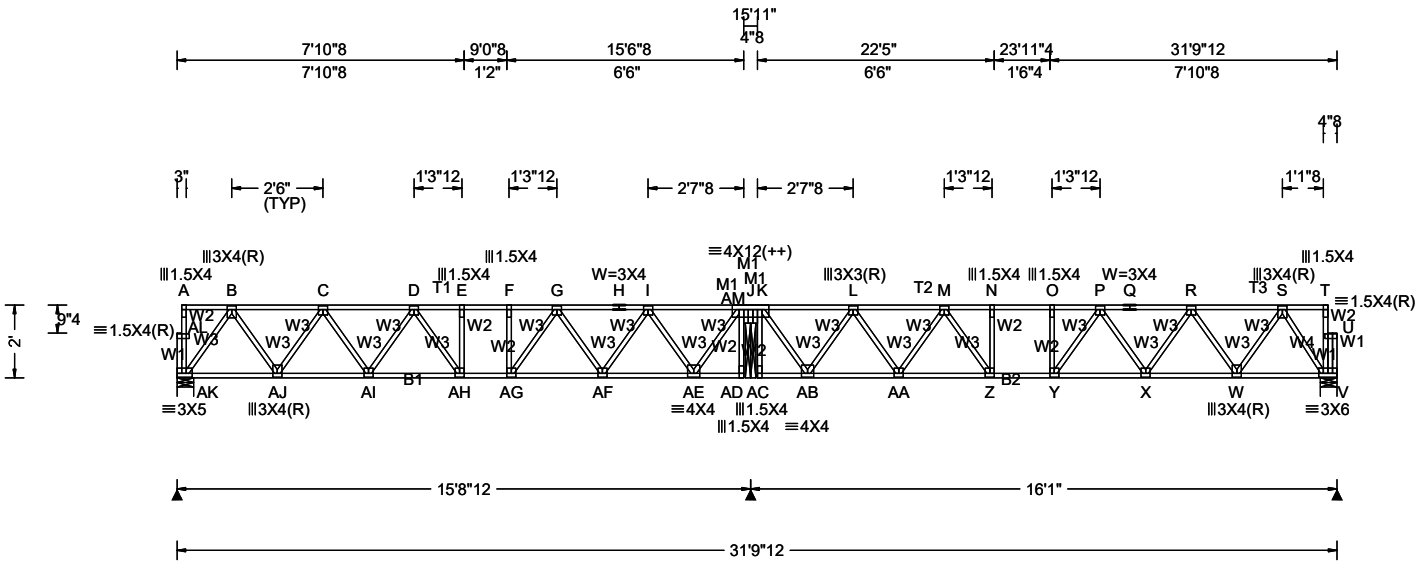
Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F25	Ply: 1 Qty: 5 Wgt: 217.0 lbs	SEQN: 81580 / T22 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 55.00	Wind Std: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 20.00	Speed: NA mph	Pf: NA Ce: NA	VERT(LL): 0.110 O 999 480
BCLL: 0.00	Enclosure: NA	Lu: NA Cs: NA	VERT(TL): 0.175 O 999 360
BCDL: 10.00	Category: NA	Snow Duration: NA	HORZ(LL): 0.022 B - -
Des Ld: 85.00	EXP: NA		HORZ(TL): 0.036 S - -
NCBCLL: 0.00	Mean Height: NA ft	**Code / Misc Criteria**	Creep Factor: 2.0
Soffit: 0.00	TCDL: NA psf	Bldg Code: IBC 2018	Max TC CSI: 0.547
Load Duration: 1.00	BCDL: NA psf	TPI Std: 2014	Max BC CSI: 0.695
Spacing: 16.0 "	MWFRS Parallel Dist: NA	Rep Factors Used: Yes	Max Web CSI: 0.452
	C&C Dist a: NA ft	FT/RT:12(0)/10(0)	Mfg Specified Camber:
	Loc. from endwall: NA	Plate Type(s):	
	I: NA GCpi: NA	WAVE	VIEW Ver: 23.02.04A.0207.10
	Wind Duration: NA		

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲ Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
AK	892	/-	/-	/-	/-	/-
AM	1805	/-	/-	/-	/-	/-
V	919	/-	/-	/-	/-	/-

AK Brg Wid = 5.5 Min Req = 1.5
AM Brg Wid = 3.5 Min Req = 1.5
V Brg Wid = 5.5 Min Req = 1.5
Bearings AK, AM, & V are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - L	0	- 572	I - J	0	- 562
A - B	1	0	L - M	0	- 1355
B - C	0	- 975	M - N	0	- 1806
C - D	0	- 1562	N - O	0	- 1812
D - E	0	- 1760	O - P	0	- 1810
E - F	0	- 1761	P - Q	0	- 1575
F - G	0	- 1756	Q - R	0	- 1575
G - H	0	- 1329	R - S	0	- 951
H - I	0	- 1329	S - T	3	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AK-AJ	571	0	AC-AB	11	- 14
AJ-AI	1356	0	AB-AA	1061	0
AI-AH	1737	0	AA- Z	1635	0
AH-AG	1761	0	Z - Y	1812	0
AG-AF	1599	0	Y - X	1768	0
AF-AE	1042	0	X - W	1351	0
AE-AD	11	- 15	W - V	529	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL-AK	0	- 59	AM-AD	8	0
A -AL	0	- 38	AM- K	0	- 1054
AK- B	0	- 998	AM-AC	8	0
B -AJ	728	0	AB- L	0	- 882
AJ- C	0	- 687	L -AA	545	0
C -AI	370	0	AA- M	0	- 519
AI- D	0	- 317	M - Z	465	0
D -AH	249	- 149	Z - N	0	- 268
AH- E	60	- 145	O - Y	41	- 175
F -AG	0	- 240	Y - P	292	- 127
AG- G	425	0	P - X	0	- 348

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Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F25	Ply: 1 Qty: 5 Wgt: 217.0 lbs	SEQN: 81580 / T22 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

G -AF	0	- 503	X - R	404	0
AF- I	531	0	R - W	0	- 721
I -AE	0	- 866	W - S	760	0
AE- J	932	0	S - V	0	- 994
K -AM	9	0	T - U	0	- 29
K -AB	948	0	V - U	3	- 33
J -AM	9	- 1049	U - V	0	- 32

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

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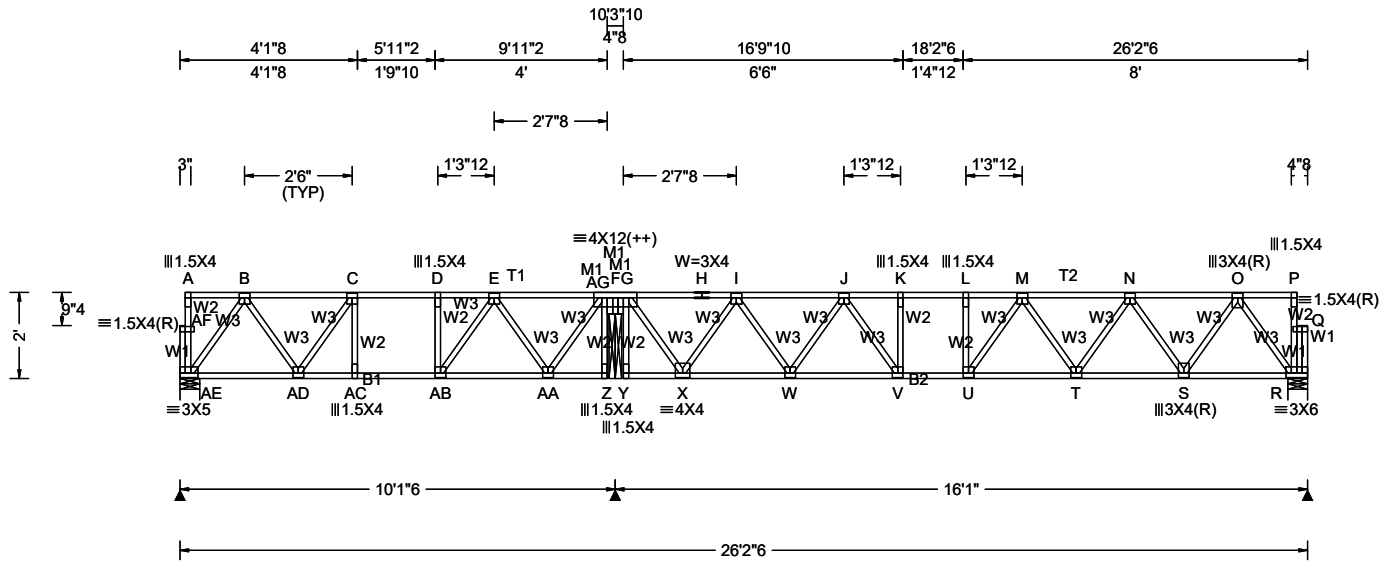
Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F26	Ply: 1 Qty: 4 Wgt: 179.2 lbs	SEQN: 81581 / T24 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.110	L	999	480
VERT(TL): 0.174	L	999	360
HORZ(LL): -0.027	O	-	-
HORZ(TL): 0.044	O	-	-

Creep Factor: 2.0
Max TC CSI: 0.577
Max BC CSI: 0.675
Max Web CSI: 0.453
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AE	571 / -	-	-	-	-
AG	1490 / -	-	-	-	-
R	920 / -	-	-	-	-

AE Brg Wid = 5.5 Min Req = 1.5
AG Brg Wid = 3.5 Min Req = 1.5
R Brg Wid = 5.5 Min Req = 1.5
Bearings AE, AG, & R are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
F - H	0	-576	I - J	0	-1360
A - B	1	0	J - K	0	-1809
B - C	0	-536	K - L	0	-1815
C - D	0	-697	L - M	0	-1813
D - E	0	-693	M - N	0	-1598
E - F	0	-316	N - O	0	-992
H - I	0	-576	O - P	3	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AE-AD	350	0	X - W	1067	0
AD-AC	697	0	W - V	1639	0
AC-AB	697	0	V - U	1815	0
AB-AA	580	0	U - T	1782	0
AA- Z	7	-16	T - S	1383	0
Y - X	13	-8	S - R	579	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AF-AE	0	-56	X - I	0	-885
A -AF	0	-35	I - W	539	0
AE- B	0	-611	W - J	0	-513
B -AD	337	0	J - V	456	0
AD- C	0	-298	V - K	0	-262
C -AC	70	-61	L - U	50	-163
D -AB	0	-188	U - M	275	-139
AB- E	333	0	M - T	0	-332
E -AA	0	-476	T - N	388	0
AA- F	522	0	N - S	0	-704
G -AG	9	0	S - O	745	0
G - X	952	0	O - R	0	-1015
F -AG	14	-809	P - Q	0	-38
AG- Z	13	0	R - Q	4	-34

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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

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Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F26	Ply: 1 Qty: 4 Wgt: 179.2 lbs	SEQN: 81581 / T24 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

AG- G	0	-926	Q - R	0	-39		
AG- Y	8	0					

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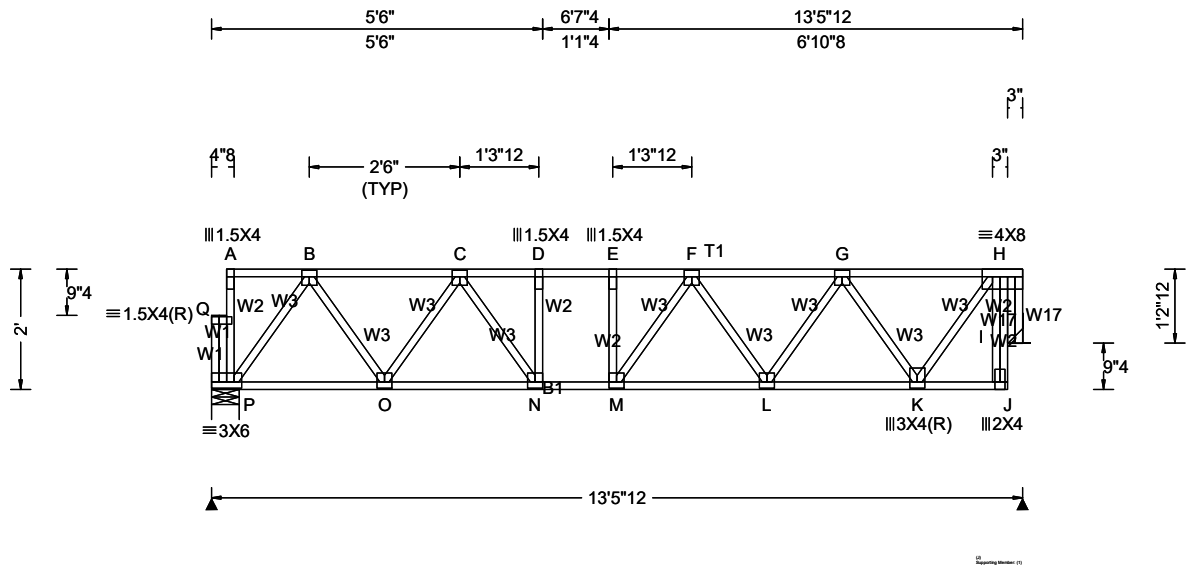
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F27	Ply: 1 Qty: 9 Wgt: 102.2 lbs	SEQN: 81595 / T9 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.063	E	999	480
VERT(TL): 0.097	M	999	360
HORZ(LL): 0.011	J	-	-
HORZ(TL): 0.017	J	-	-

Creep Factor: 2.0
Max TC CSI: 0.418
Max BC CSI: 0.464
Max Web CSI: 0.347
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
P	735 / -	/ -	/ -	/ -	/ -
I	739 / -	/ -	/ -	/ -	/ -

P Brg Wid = 5.5 Min Req = 1.5 (Truss)
I Brg Wid = - Min Req = -
Bearing P is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	E - F	0	-1213
B - C	0	-772	F - G	0	-1034
C - D	0	-1208	G - H	0	-451
D - E	0	-1214			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
P - O	472	0	M - L	1198	0
O - N	1053	0	L - K	838	0
N - M	1214	0	K - J	47	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
Q - P	3	-70	M - F	197	-108
A - Q	0	-35	F - L	0	-297
P - B	0	-825	L - G	353	0
B - O	540	0	G - K	0	-697
O - C	0	-507	K - H	730	0
C - N	379	0	H - I	0	-722
N - D	0	-216	I - H	0	-14
E - M	38	-116	I - J	4	-1

Lumber

Value Set: NDS 2015

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

Plating Notes

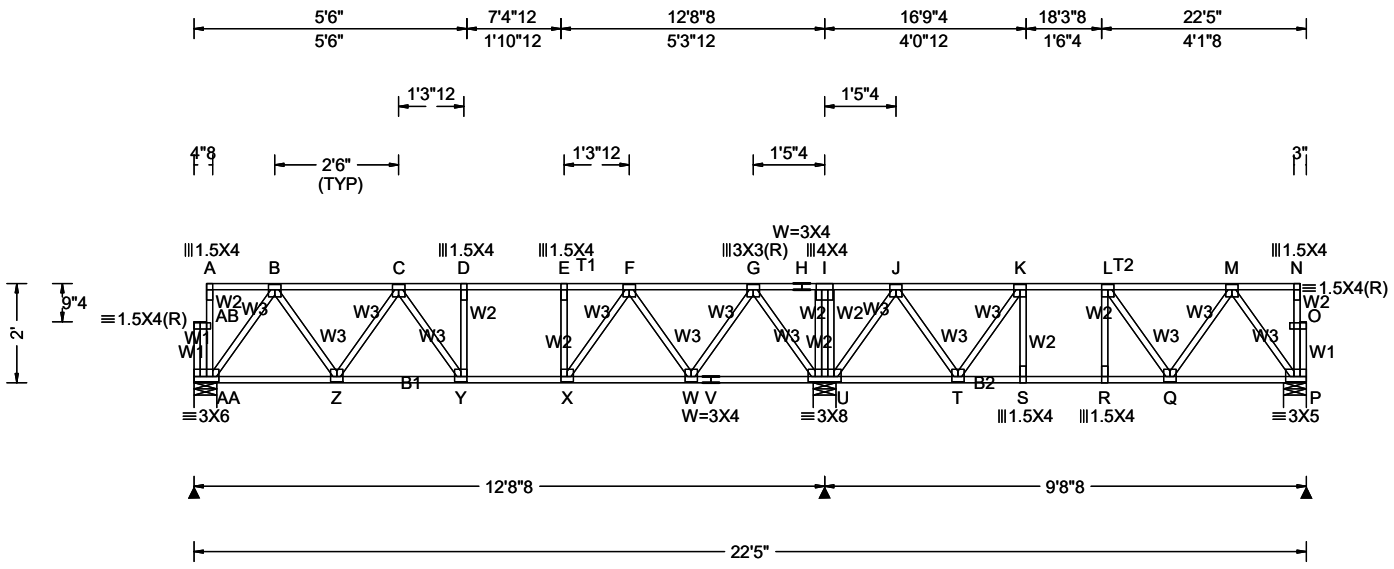
All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F28	Ply: 1 Qty: 6 Wgt: 159.6 lbs	SEQN: 81583 / T57 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)
TCLL: 55.00
TCDL: 20.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 85.00
NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.058	D	999	480
VERT(TL): 0.106	D	999	360
HORZ(LL): 0.017	B	-	-
HORZ(TL): 0.032	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.590
Max BC CSI: 0.468
Max Web CSI: 0.264
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AA	722 /-	/-	/-	/-	/-
U	1333 /-	/-	/-	/-	/-
P	552 /-	/-	/-	/-	/-

AA Brg Wid = 5.5 Min Req = 1.5
U Brg Wid = 5.5 Min Req = 1.5
P Brg Wid = 5.5 Min Req = 1.5
Bearings AA, U, & P are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	H - I	366	0
B - C	0	-720	I - J	366	0
C - D	0	-1081	J - K	0	-501
D - E	0	-1086	K - L	0	-658
E - F	0	-1080	L - M	0	-508
F - G	0	-681	M - N	1	0
G - H	366	0			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AA- Z	444	0	U - T	331	-51
Z - Y	969	0	T - S	657	0
Y - X	1086	0	S - R	658	0
X - W	947	0	R - Q	657	0
W - V	398	0	Q - P	337	0
V - U	398	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AB-AA	4	-72	I - U	0	-130
A -AB	0	-36	U - J	0	-659
AA- B	0	-779	J - T	400	0
B - Z	498	0	T - K	0	-412
Z - C	0	-450	K - S	141	-36
C - Y	291	0	R - L	69	-109
Y - D	0	-183	L - Q	0	-269
E - X	0	-236	Q - M	310	0
X - F	393	0	M - P	0	-589
F - W	0	-535	N - O	0	-33
W - G	554	0	P - O	0	-12
G - U	0	-846	O - P	0	-43

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

Plating Notes
All plates are 3X3 except as noted.

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

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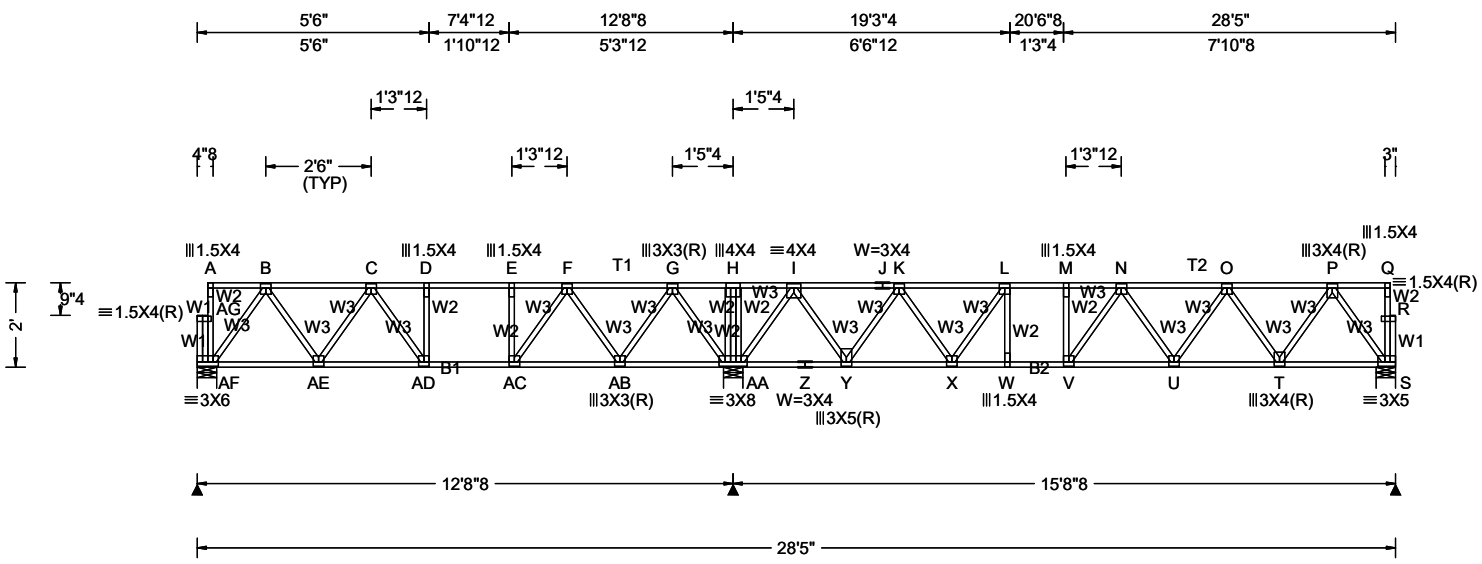
Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F29	Ply: 1 Qty: 5 Wgt: 197.4 lbs	SEQN: 81592 / T13 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.104	M	999	480
VERT(TL): 0.161	V	999	360
HORZ(LL): 0.023	S	-	-
HORZ(TL): 0.037	S	-	-

Creep Factor: 2.0
Max TC CSI: 0.704
Max BC CSI: 0.748
Max Web CSI: 0.387
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AF	687 / -	/ -	/ -	/ -	/ -
AA	1735 / -	/ -	/ -	/ -	/ -
S	865 / -	/ -	/ -	/ -	/ -

AF Brg Wid = 5.5 Min Req = 1.5 (Truss)
AA Brg Wid = 5.5 Min Req = 1.5 (Truss)
S Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings AF, AA, & S are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	I - J	0	- 781
B - C	0	- 675	J - K	0	- 781
C - D	0	- 970	K - L	0	- 1411
D - E	0	- 973	L - M	0	- 1645
E - F	0	- 967	M - N	0	- 1644
F - G	60	- 502	N - O	0	- 1492
G - H	694	0	O - P	0	- 939
H - I	694	0	P - Q	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AF-AE	420	0	Y - X	1179	0
AE-AD	898	0	X - W	1642	0
AD-AC	973	0	W - V	1645	0
AC-AB	794	0	V - U	1648	0
AB-AA	197	- 204	U - T	1303	0
AA- Z	364	- 85	T - S	553	0
Z - Y	364	- 85			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AG-AF	4	- 72	Y - K	0	- 777
A -AG	0	- 36	K - X	488	0
AF- B	0	- 738	X - L	0	- 547
B -AE	460	0	L - W	203	- 38
AE- C	0	- 402	M - V	81	- 102
C -AD	208	- 43	V - N	203	- 242
AD- D	28	- 137	N - U	0	- 281
E -AC	0	- 263	U - O	341	0
AC- F	444	0	O - T	0	- 656
F -AB	0	- 581	T - P	696	0
AB- G	588	0	P - S	0	- 966
G -AA	0	- 879	Q - R	0	- 38

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F29	Ply: 1 Qty: 5 Wgt: 197.4 lbs	SEQN: 81592 / T13 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

H -AA	0	- 134	S - R	0	- 12
AA- I	0	- 1101	R - S	0	- 47
I - Y	813	0			

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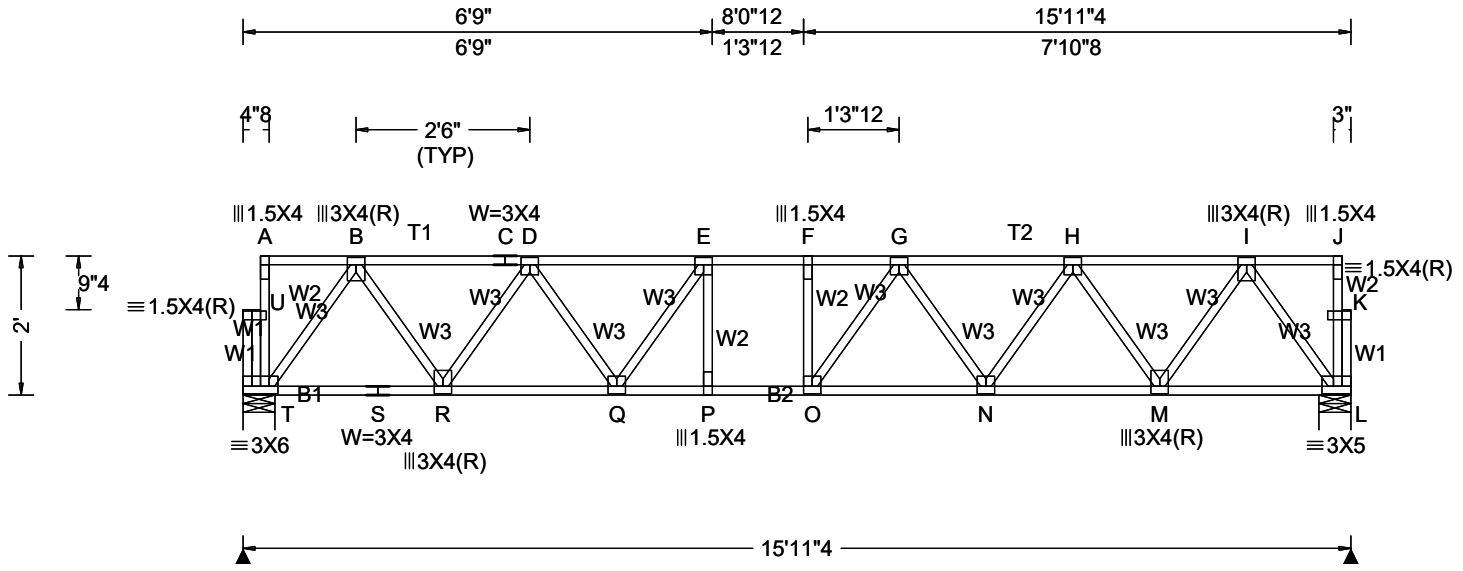
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F29B	Ply: 1 Qty: 12 Wgt: 113.4 lbs	SEQN: 81593 / T32 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.102	F	999	480
VERT(TL): 0.160	F	999	360
HORZ(LL): 0.020	L	-	-
HORZ(TL): 0.031	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.553
Max BC CSI: 0.703
Max Web CSI: 0.349
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

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

Plating Notes
All plates are 3X3 except as noted.

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

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
T	885 / -	/ -	/ -	/ -	/ -
L	884 / -	/ -	/ -	/ -	/ -

T Brg Wid = 5.5 Min Req = 1.5 (Truss)
L Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings T & L are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	F - G	0	-1779
B - C	0	-982	G - H	0	-1574
C - D	0	-982	H - I	0	-982
D - E	0	-1572	I - J	1	0
E - F	0	-1780			

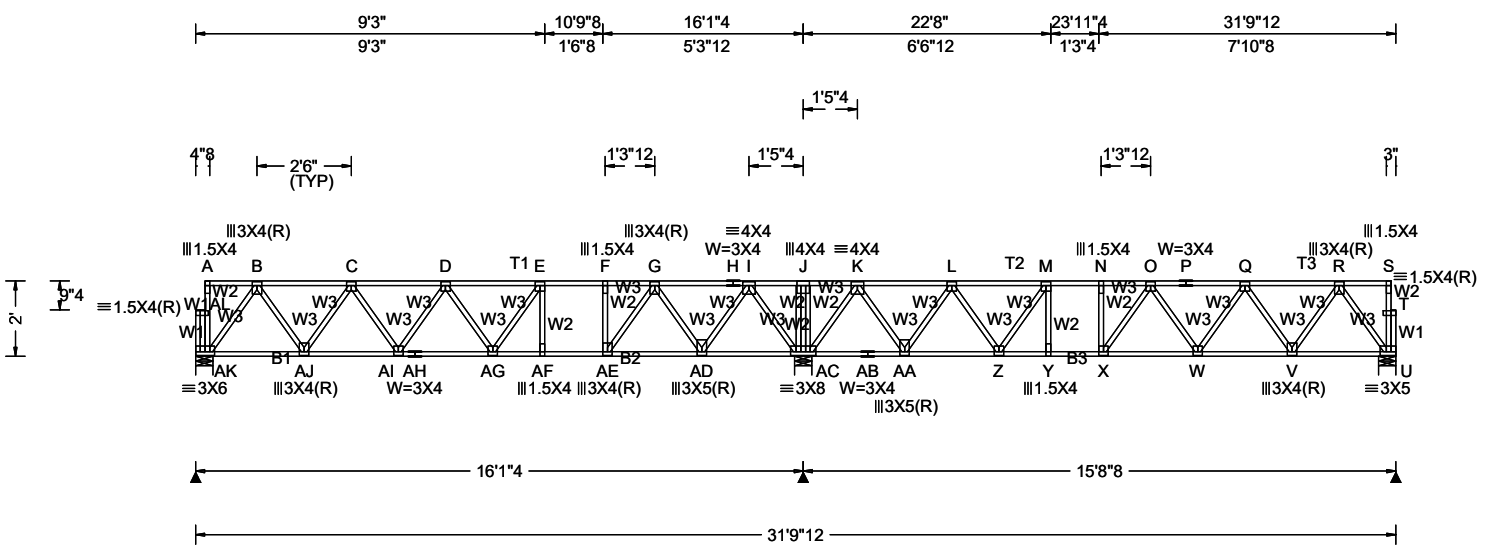
Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
T - S	576	0	P - O	1780	0
S - R	576	0	O - N	1753	0
R - Q	1361	0	N - M	1366	0
Q - P	1778	0	M - L	575	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
U - T	4	-75	O - G	265	-139
A - U	0	-39	G - N	0	-322
T - B	0	-1005	N - H	375	0
B - R	732	0	H - M	0	-692
R - D	0	-684	M - I	733	0
D - Q	406	0	I - L	0	-1003
Q - E	0	-452	J - K	0	-38
E - P	158	-64	L - K	0	-12
F - O	32	-133	K - L	0	-47

Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F30	Ply: 1 Qty: 8 Wgt: 215.6 lbs	SEQN: 81584 / T69 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)
TCLL: 55.00
TCDL: 20.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 85.00
NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.167	E	999	480
VERT(TL): 0.260	E	729	360
HORZ(LL): 0.037	B	-	-
HORZ(TL): 0.058	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.855
Max BC CSI: 0.874
Max Web CSI: 0.386
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AK	896 /-	/-	/-	/-	/-
AC	1913 /-	/-	/-	/-	/-
U	855 /-	/-	/-	/-	/-

AK Brg Wid = 5.5 Min Req = 1.5
AC Brg Wid = 5.5 Min Req = 1.5
U Brg Wid = 5.5 Min Req = 1.5
Bearings AK, AC, & U are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	J - K	698	0
B - C	0	-959	K - L	0	-711
C - D	0	-1534	L - M	0	-1357
D - E	0	-1713	M - N	0	-1600
E - F	0	-1591	N - O	0	-1600
F - G	0	-1580	O - P	0	-1465
G - H	46	-784	P - Q	0	-1465
H - I	46	-784	Q - R	0	-925
I - J	698	0	R - S	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AK-AJ	564	0	AC-AB	290	-44
AJ-AI	1327	0	AB-AA	290	-44
AI-AH	1727	0	AA- Z	1116	0
AH-AG	1727	0	Z - Y	1597	0
AG-AF	1599	0	Y - X	1600	0
AF-AE	1591	0	X - W	1614	0
AE-AD	1219	0	W - V	1282	0
AD-AC	373	-225	V - U	546	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL-AK	4	-71	AC- K	0	-1099
A -AL	0	-36	K -AA	811	0
AK- B	0	-989	AA- L	0	-778
B -AJ	712	0	L - Z	490	0
AJ- C	0	-664	Z - M	0	-535
C -AI	373	0	M - Y	197	-30
AI- D	0	-347	N - X	75	-93
D -AG	95	-134	X - O	183	-230
AG- E	358	-19	O - W	0	-268
E -AF	0	-311	W - Q	330	0

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2
Bot chord 4x2 SP #2 B2 4x2 SP #1;
Webs 4x2 SP #3

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

****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.

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Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F30	Ply: 1 Qty: 8 Wgt: 215.6 lbs	SEQN: 81584 / T69 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

F -AE	0	- 360	Q - V	0	- 644
AE- G	766	0	V - R	684	0
G -AD	0	- 839	R - U	0	- 953
AD- I	781	0	S - T	0	- 37
I -AC	0	- 1087	U - T	0	- 12
J -AC	0	- 135	T - U	0	- 47

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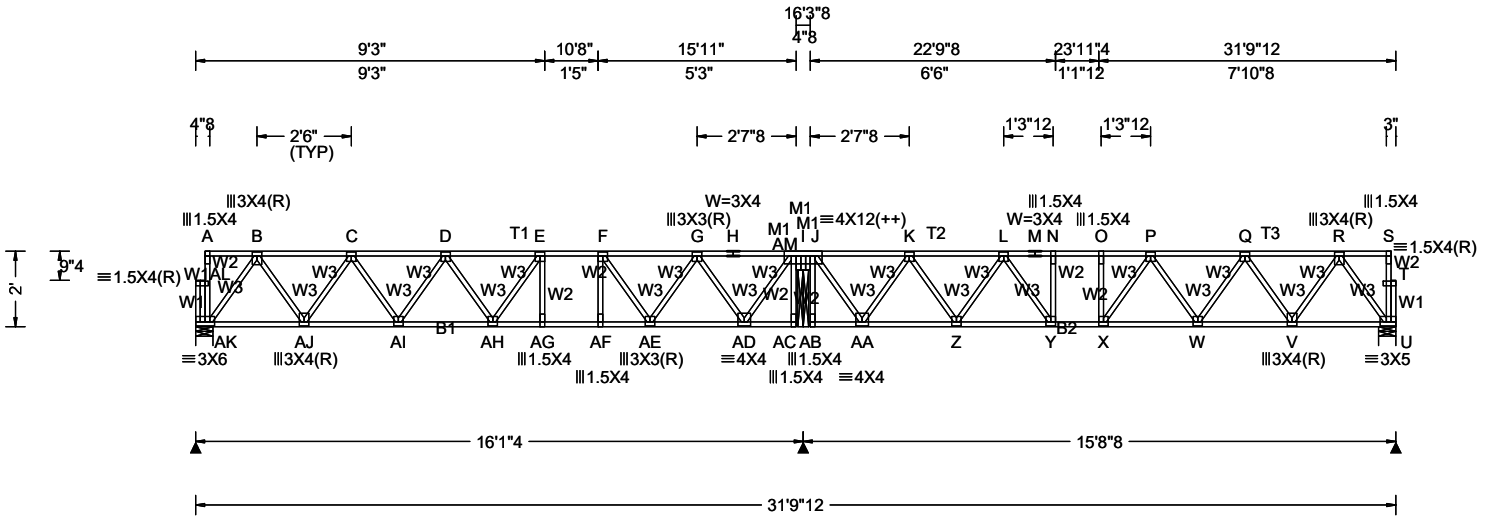
Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F31	Ply: 1 Qty: 2 Wgt: 217.0 lbs	SEQN: 81585 / T72 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.140	E	999	480
VERT(TL): 0.224	E	846	360
HORZ(LL): 0.030	B	-	-
HORZ(TL): 0.048	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.686
Max BC CSI: 0.882
Max Web CSI: 0.450
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
AK	920	/-	/-	/-	/-	/-
AM	1805	/-	/-	/-	/-	/-
U	891	/-	/-	/-	/-	/-

AK Brg Wid = 5.5 Min Req = 1.5
AM Brg Wid = 3.5 Min Req = 1.5
U Brg Wid = 5.5 Min Req = 1.5
Bearings AK, AM, & U are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - K	0	-561	K - L	0	-1327
A - B	3	0	L - M	0	-1751
B - C	0	-993	M - N	0	-1751
C - D	0	-1600	N - O	0	-1757
D - E	0	-1815	O - P	0	-1756
E - F	0	-1733	P - Q	0	-1558
F - G	0	-1366	Q - R	0	-973
G - H	0	-572	R - S	1	0
H - I	0	-572			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AK-AJ	581	0	AB-AA	11	-15
AJ-AI	1378	0	AA- Z	1041	0
AI-AH	1806	0	Z - Y	1596	0
AH-AG	1740	0	Y - X	1757	0
AG-AF	1733	0	X - W	1733	0
AF-AE	1724	0	W - V	1354	0
AE-AD	1053	0	V - U	570	0
AD-AC	13	-14			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL-AK	4	-72	AM-AC	6	0
A -AL	0	-36	AM- J	0	-1042
AK- B	0	-1018	AM-AB	8	0
B -AJ	742	0	AA- K	0	-865
AJ- C	0	-695	K - Z	530	0
C -AI	400	0	Z - L	0	-502
AI- D	0	-372	L - Y	422	0
D -AH	153	-77	Y - N	0	-238
AH- E	274	-114	O - X	60	-143
E -AG	6	-299	X - P	246	-150

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2
Bot chord 4x2 SP #1 B2 4x2 SP #2;
Webs 4x2 SP #3
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F31	Ply: 1 Qty: 2 Wgt: 217.0 lbs	SEQN: 81585 / T72 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

AF- F	329	0	P - W	0	- 316
F -AE	0	- 690	W - Q	369	0
AE- G	578	0	Q - V	0	- 685
G -AD	0	- 868	V - R	727	0
AD- I	945	0	R - U	0	- 996
I -AM	8	- 1060	S - T	0	- 38
J -AM	9	0	U - T	0	- 12
J -AA	930	0	T - U	0	- 47

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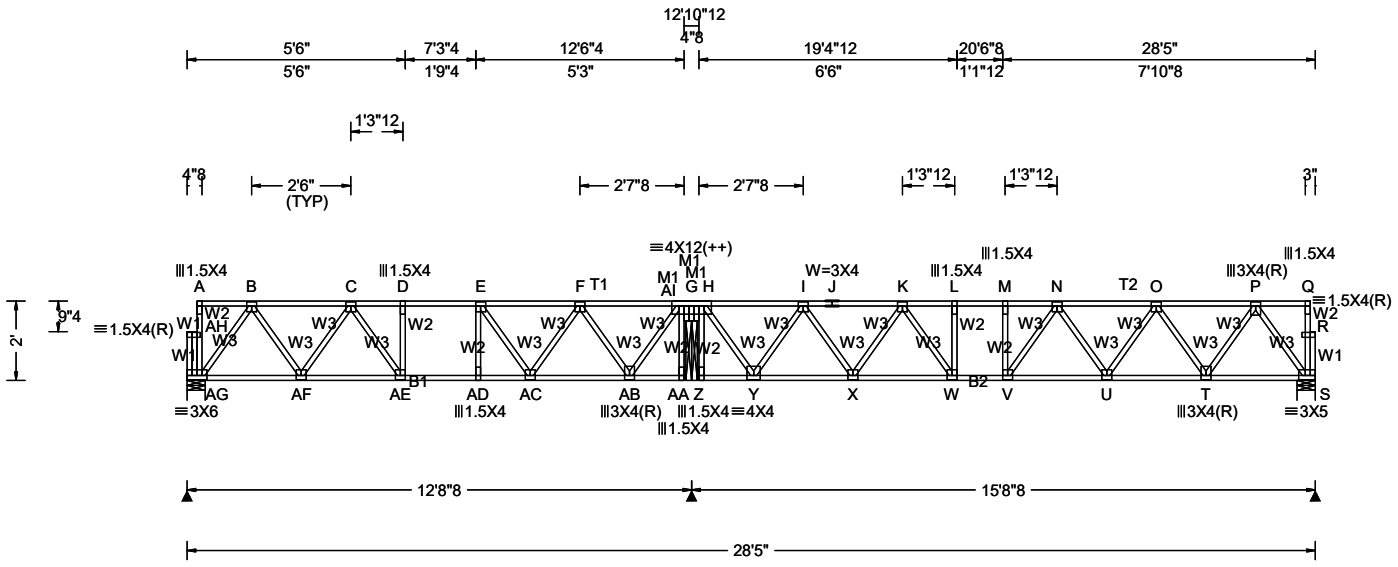
Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F32	Ply: 1 Qty: 3 Wgt: 198.8 lbs	SEQN: 81586 / T71 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.100	M	999	480
VERT(TL): 0.160	M	999	360
HORZ(LL): -0.027	P	-	-
HORZ(TL): 0.046	P	-	-

Creep Factor: 2.0
Max TC CSI: 0.564
Max BC CSI: 0.602
Max Web CSI: 0.444
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AG	727 / -	/ -	/ -	/ -	/ -
AI	1614 / -	/ -	/ -	/ -	/ -
S	891 / -	/ -	/ -	/ -	/ -

AG Brg Wid = 5.5 Min Req = 1.5
AI Brg Wid = 3.5 Min Req = 1.5
S Brg Wid = 5.5 Min Req = 1.5
Bearings AG, AI, & S are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
G - I	0	-564	J - K	0	-1330
A - B	3	0	K - L	0	-1753
B - C	0	-726	L - M	0	-1759
C - D	0	-1103	M - N	0	-1758
D - E	0	-1107	N - O	0	-1560
E - F	0	-959	O - P	0	-974
F - G	0	-426	P - Q	1	0
I - J	0	-1330			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AG-AF	447	0	Y - X	1045	0
AF-AE	982	0	X - W	1599	0
AE-AD	1107	0	W - V	1759	0
AD-AC	1107	0	V - U	1735	0
AC-AB	786	0	U - T	1355	0
AB-AA	8	-15	T - S	571	0
Z - Y	12	-11			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AH-AG	4	-71	AI- Z	8	0
A -AH	0	-35	Y - I	0	-867
AG- B	0	-785	I - X	526	0
B -AF	503	0	X - K	0	-498
AF- C	0	-462	K - W	421	0
C -AE	340	0	W - L	0	-238
AE- D	0	-187	M - V	59	-144
AD- E	99	-73	V - N	248	-147
E -AC	0	-360	N - U	0	-316
AC- F	342	0	U - O	370	0
F -AB	0	-650	O - T	0	-686
AB- G	706	0	T - P	727	0

Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F32	Ply: 1 Qty: 3 Wgt: 198.8 lbs	SEQN: 81586 / T71 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

G -AI	9	-904	P - S	0	-997
H -AI	9	0	Q - R	0	-38
H - Y	933	0	S - R	0	-12
AI-AA	8	0	R - S	0	-47
AI- H	0	-975			

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

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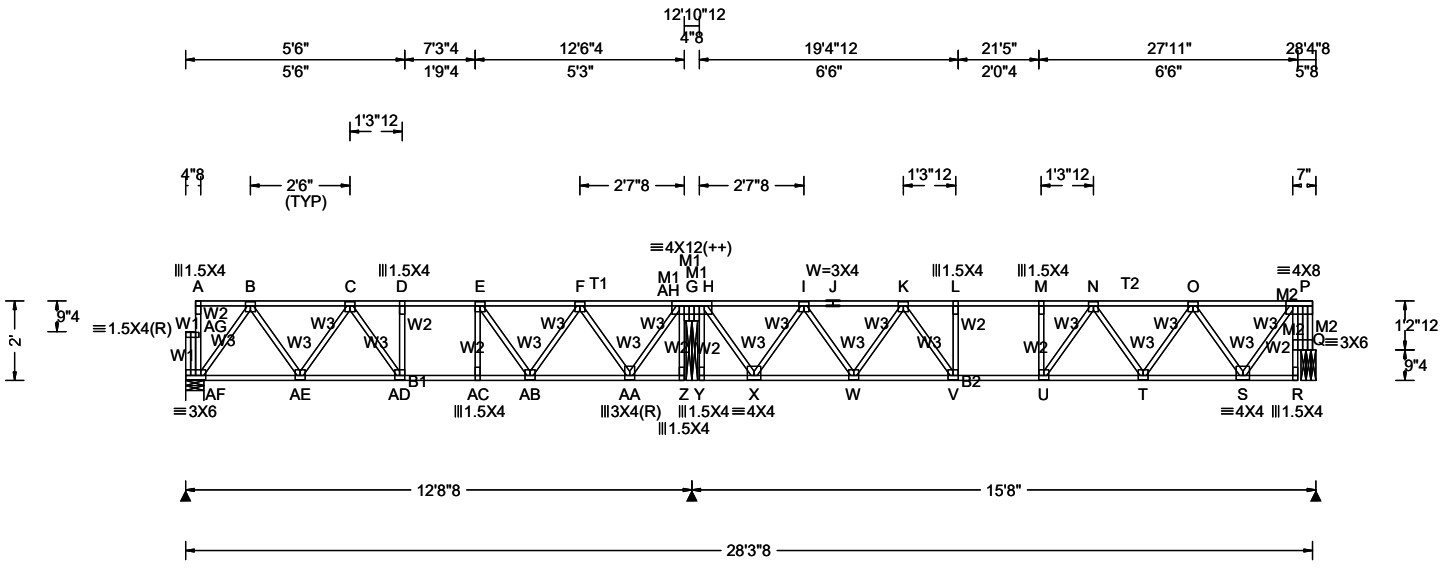
Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F33	Ply: 1 Qty: 4 Wgt: 200.2 lbs	SEQN: 81587 / T26 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 55.00	Wind Std: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 20.00	Speed: NA mph	Pf: NA Ce: NA	VERT(LL): 0.106 M 999 480
BCLL: 0.00	Enclosure: NA	Lu: NA Cs: NA	VERT(TL): 0.182 M 999 360
BCDL: 10.00	Category: NA	Snow Duration: NA	HORZ(LL): -0.027 P - -
Des Ld: 85.00	EXP: NA		HORZ(TL): 0.046 P - -
NCBCLL: 0.00	Mean Height: NA ft	**Code / Misc Criteria**	Creep Factor: 2.0
Soffit: 0.00	TCDL: NA psf	Bldg Code: IBC 2018	Max TC CSI: 0.743
Load Duration: 1.00	BCDL: NA psf	TPI Std: 2014	Max BC CSI: 0.667
Spacing: 16.0 "	MWFRS Parallel Dist: NA	Rep Factors Used: Yes	Max Web CSI: 0.726
	C&C Dist a: NA ft	FT/RT:12(0)/10(0)	Mfg Specified Camber:
	Loc. from endwall: NA	Plate Type(s):	
	I: NA GCpi: NA	WAVE	VIEW Ver: 23.02.04A.0207.10
	Wind Duration: NA		

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2
Bot chord 4x2 SP #2
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
AF	727	/-	/-	/-	/-	/-
AH	1607	/-	/-	/-	/-	/-
Q	884	/-	/-	/-	/-	/-

AF Brg Wid = 5.5 Min Req = 1.5
AH Brg Wid = 3.5 Min Req = 1.5
Q Brg Wid = 4.5 Min Req = 1.5
Bearings AF, AH, & Q are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
G - I	0	-557	I - J	0	-1316
A - B	3	0	J - K	0	-1316
B - C	0	-726	K - L	0	-1722
C - D	0	-1103	L - M	0	-1728
D - E	0	-1108	M - N	0	-1723
E - F	0	-959	N - O	0	-1357
F - G	0	-426	O - P	0	-615

Maximum Bot Chord Forces Per Ply (lbs)

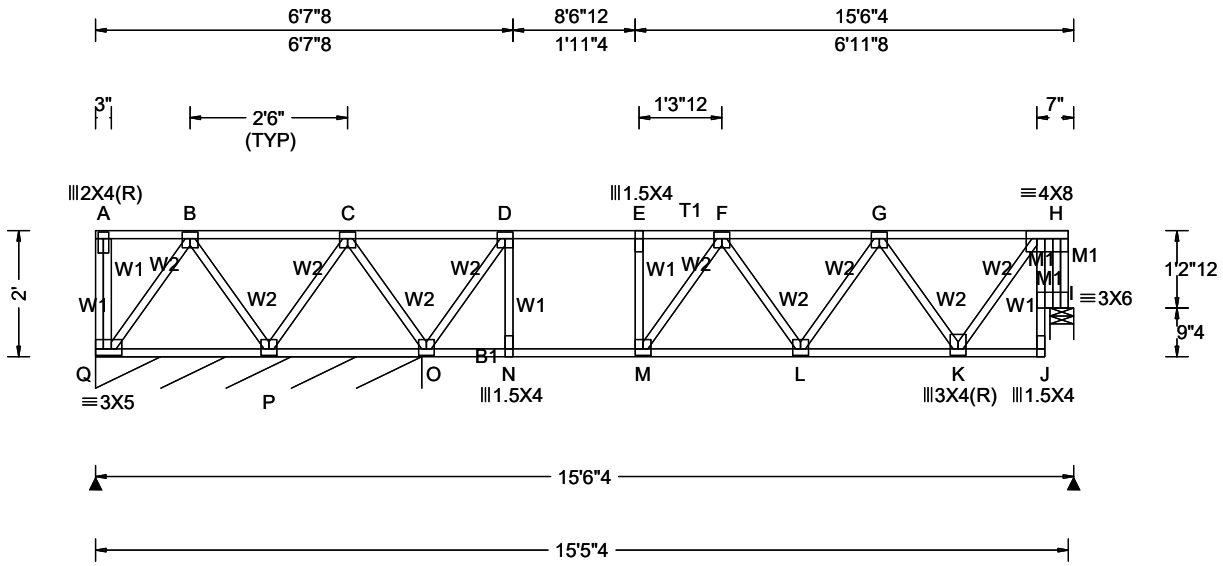
Chords	Tens.	Comp.	Chords	Tens.	Comp.
AF-AE	447	0	X - W	1034	0
AE-AD	982	0	W - V	1576	0
AD-AC	1108	0	V - U	1728	0
AC-AB	1107	0	U - T	1599	0
AB-AA	786	0	T - S	1090	0
AA- Z	8	-16	S - R	73	0
Y - X	12	-11			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AG-AF	4	-71	AH- H	0	-969
A -AG	0	-35	AH- Y	9	0
AF- B	0	-785	X - I	0	-860
B -AE	503	0	I - W	520	0
AE- C	0	-462	W - K	0	-483
C -AD	341	0	K - V	446	0
AD- D	0	-187	V - L	0	-267
AC- E	99	-73	M - U	0	-248
E -AB	0	-360	U - N	407	-7
AB- F	342	0	N - T	0	-436
F -AA	0	-650	T - O	481	0
AA- G	706	0	O - S	0	-857
G -AH	9	-902	S - P	917	0

H -AH	10	0	Q - R	10	0
H - X	922	0	Q - P	0	-78
AH- Z	8	0	P - Q	11	-818

Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F34	Ply: 1 Qty: 1 Wgt: 109.2 lbs	SEQN: 81588 / T28 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.119	E	999	480
VERT(TL): 0.190	E	637	360
HORZ(LL): -0.016	H	-	-
HORZ(TL): 0.027	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.869
Max BC CSI: 0.781
Max Web CSI: 0.633
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Q*	196	/-	/-	/-	/-	/-
I	738	/-	/-	/-	/-	/-

Q Brg Wid = 62.1 Min Req = -
I Brg Wid = 4.5 Min Req = 1.5
Bearings Q & I are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	2	0	E - F	0	-1133
B - C	0	-374	F - G	0	-1053
C - D	0	-844	G - H	0	-492
D - E	0	-1134			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Q - P	237	0	M - L	1179	0
P - O	1244	0	L - K	872	0
O - N	1128	0	K - J	63	0
N - M	1134	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - Q	0	-58	M - F	43	-84
Q - B	0	-431	F - L	0	-228
B - P	293	-20	L - G	326	0
P - C	0	-534	G - K	0	-686
C - O	415	0	K - H	725	0
O - D	0	-624	I - J	11	0
D - N	175	0	I - H	0	-53
E - M	12	-51	H - I	12	-695

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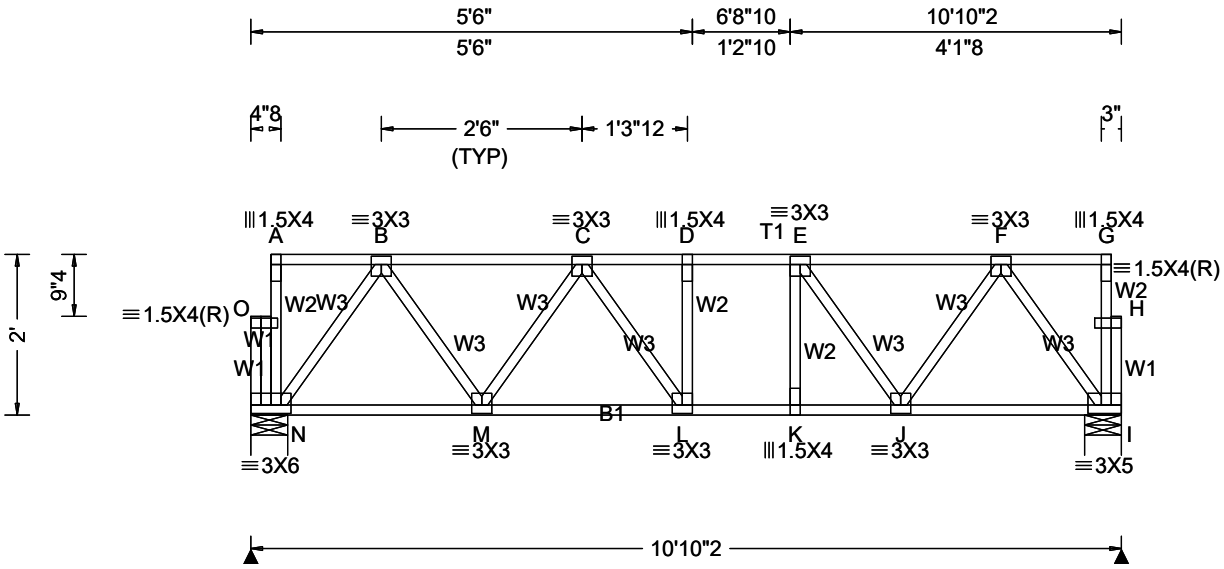
Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F35	Ply: 1 Qty: 7 Wgt: 82.6 lbs	SEQN: 81589 / T68 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)
TCLL: 55.00
TCDL: 20.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 85.00
NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.037	D	999	480
VERT(TL): 0.068	D	999	360
HORZ(LL): 0.011	B	-	-
HORZ(TL): 0.020	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.397
Max BC CSI: 0.435
Max Web CSI: 0.184
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
N	597 / -	/ -	/ -	/ -	/ -
I	595 / -	/ -	/ -	/ -	/ -

N Brg Wid = 5.5 Min Req = 1.5
I Brg Wid = 5.5 Min Req = 1.5
Bearings N & I are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	D - E	0	-791
B - C	0	-588	E - F	0	-587
C - D	0	-790	F - G	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	376	0	K - J	790	0
M - L	769	0	J - I	373	0
L - K	791	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
O - N	4	-72	K - E	110	-33
A - O	0	-36	E - J	0	-365
N - B	0	-657	J - F	387	0
B - M	382	0	F - I	0	-650
M - C	0	-326	G - H	0	-38
C - L	173	-66	I - H	0	-12
L - D	3	-85	H - I	0	-43

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.

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

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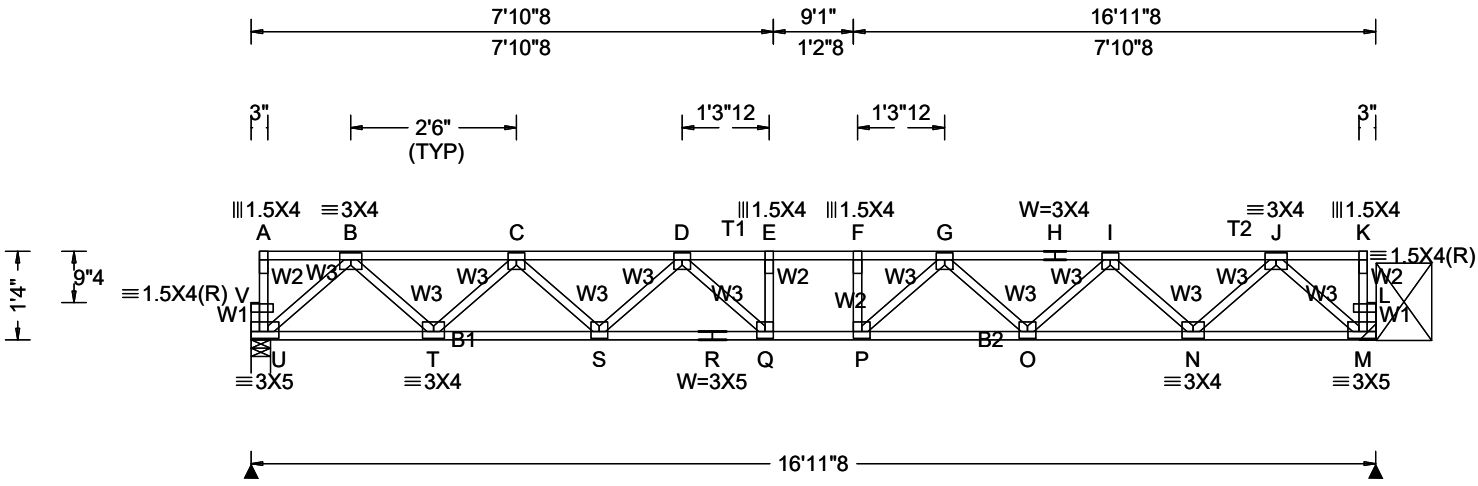
Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** F36	Ply: 1 Qty: 24 Wgt: 95.2 lbs	SEQN: 81591 / T3 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00

NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 12.0 "

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 2018
TPI Std: 2014
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): 0.159	E	999	480
VERT(TL): 0.246	E	807	360
HORZ(LL): 0.029	M	-	-
HORZ(TL): 0.045	M	-	-

Creep Factor: 2.0
Max TC CSI: 0.266
Max BC CSI: 0.655
Max Web CSI: 0.347
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

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

Plating Notes
All plates are 3X3 except as noted.

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

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
U	711	/-	/-	/-	/-	/-
M	711	/-	/-	/-	/-	/-

U Brg Wid = 3.5 Min Req = 1.5
M Brg Wid = - Min Req = -
Bearing U is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	F - G	0	-2396
B - C	0	-1243	G - H	0	-2027
C - D	0	-2027	H - I	0	-2027
D - E	0	-2396	I - J	0	-1243
E - F	0	-2400	J - K	1	0

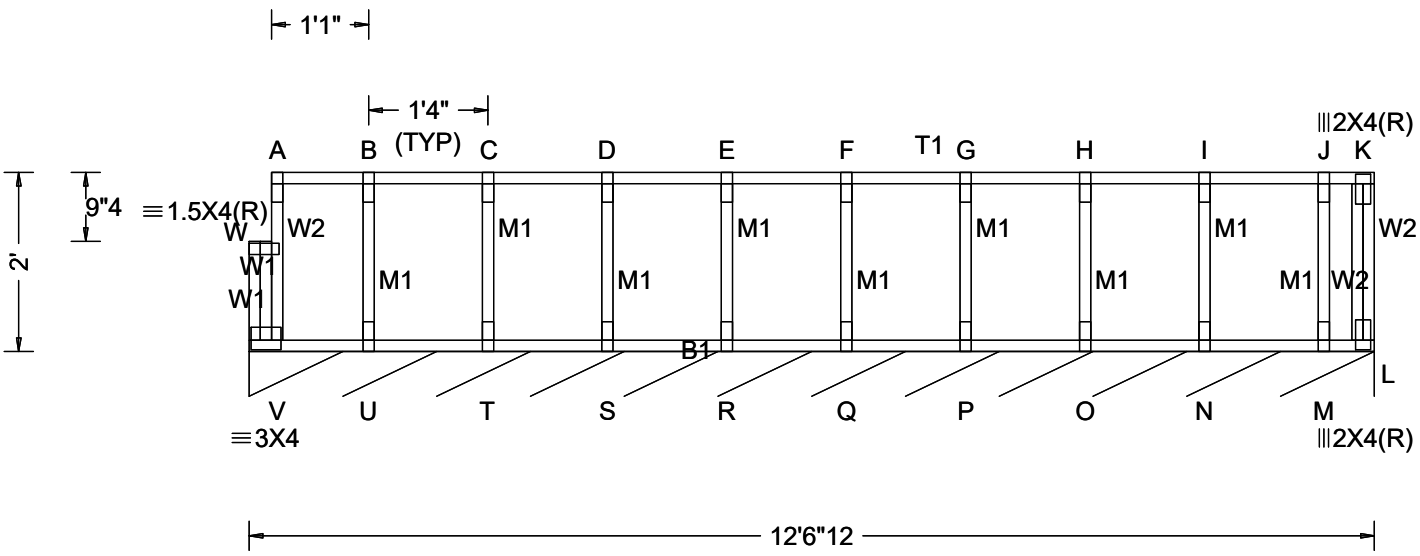
Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
U - T	720	0	Q - P	2400	0
T - S	1738	0	P - O	2290	0
S - R	2290	0	O - N	1738	0
R - Q	2290	0	N - M	720	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
V - U	0	-45	P - G	322	-64
A - V	0	-30	G - O	0	-366
U - B	0	-979	O - I	402	0
B - T	728	0	I - N	0	-689
T - C	0	-689	N - J	728	0
C - S	402	0	J - M	0	-979
S - D	0	-366	K - L	0	-30
D - Q	322	-64	M - L	0	-9
Q - E	13	-155	L - M	0	-36
F - P	13	-155			

Job Number: 2310105-F3 John Knox Village Courts 3rd level **Truss Label:** FGE1	Ply: 1 Qty: 1 Wgt: 78.4 lbs	SEQN: 81590 / T27 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.000	I	999	480
VERT(TL): 0.000	I	999	360
HORZ(LL): 0.004	K	-	-
HORZ(TL): 0.006	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.081
Max BC CSI: 0.013
Max Web CSI: 0.033
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs), or *=PLF

	Gravity		Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
L*	111	/-	/-	/-	/-	/-

L Brg Wid = 150 Min Req = -
Bearing V is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	F - G	1	0
B - C	1	0	G - H	1	0
C - D	1	0	H - I	1	0
D - E	1	0	I - J	1	0
E - F	1	0	J - K	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
V - U	0	-1	Q - P	0	-1
U - T	0	-1	P - O	0	-1
T - S	0	-1	O - N	0	-1
S - R	0	-1	N - M	0	-1
R - Q	0	-1	M - L	0	-1

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
W - V	4	-51	L - K	0	-16
A - W	0	-38	K - L	1	0

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
B - U	0	-130	G - P	0	-134
C - T	0	-135	H - O	0	-132
D - S	0	-133	I - N	0	-140
E - R	0	-133	J - M	0	-106
F - Q	0	-133			

Lumber

Value Set: NDS 2015

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

Bracing

Sheathing is required for any longitudinal(drag) forces. All connections to be designed by the building designer.

Fasten rated sheathing to one face of this frame.

Plating Notes

All plates are 1.5X4 except as noted.

Additional Notes

Truss must be installed as shown with top chord up.

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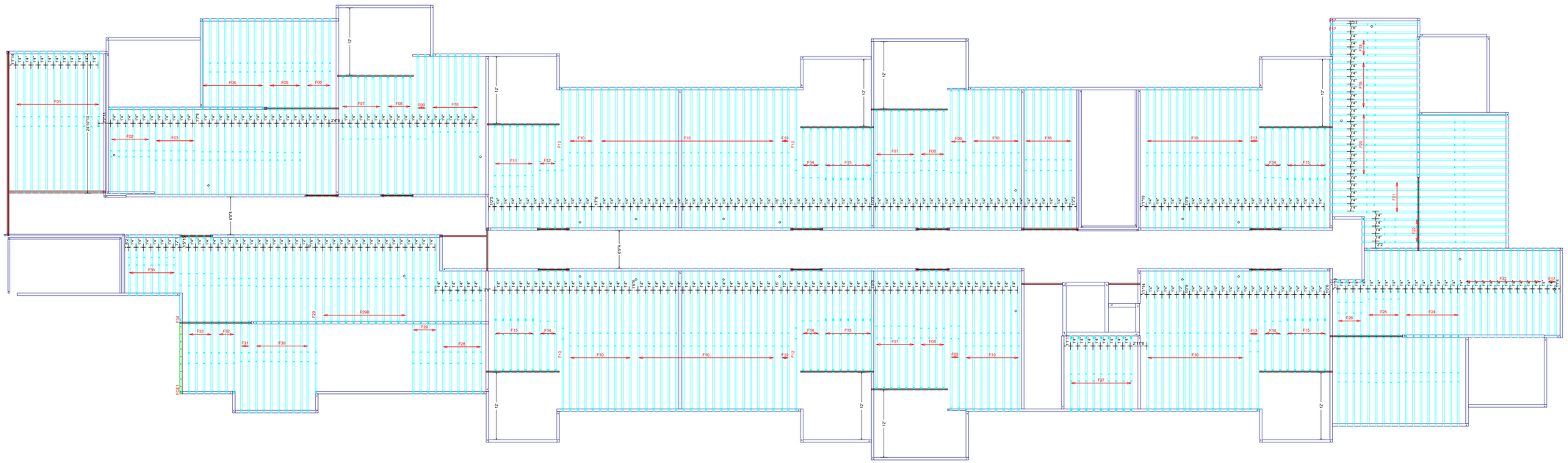
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org



JOHN KNOX VILLAGE

4th LEVEL FLOOR TRUSS LAYOUT

-: Preserving Properties
-: John Knox Village Courts
-: 2310105-F4
-: Lon E Ellenburg
-: 1001 NW Chipman
-: JEB

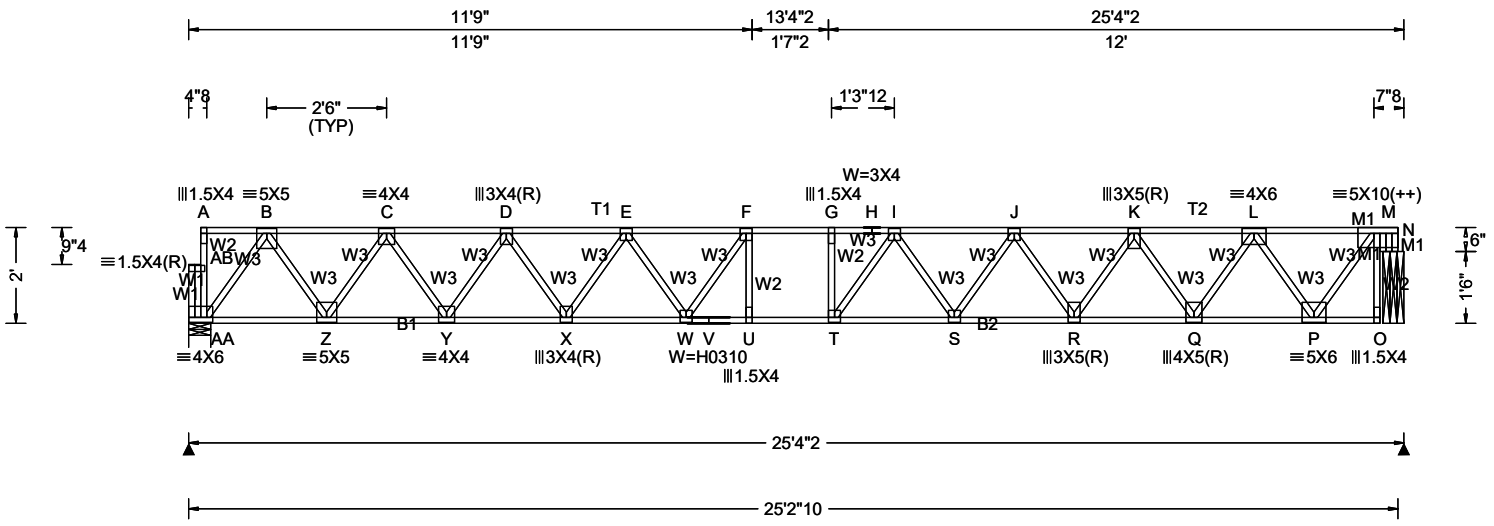
JOB NO:

2310105-F

PAGE NO:

1 OF 1

Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F01	Ply: 1 Qty: 12 Wgt: 169.4 lbs	SEQN: 81445 / T31 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 55.00	Wind Std: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 20.00	Speed: NA mph	Pf: NA Ce: NA	VERT(LL): 0.416 G 711 480
BCLL: 0.00	Enclosure: NA	Lu: NA Cs: NA	VERT(TL): 0.643 G 460 360
BCDL: 10.00	Category: NA	Snow Duration: NA	HORZ(LL): 0.076 B - -
Des Ld: 85.00	EXP: NA		HORZ(TL): 0.117 B - -
NCBCLL: 0.00	Mean Height: NA ft	**Code / Misc Criteria**	Creep Factor: 2.0
Soffit: 0.00	TCDL: NA psf	Bldg Code: IBC 2018	Max TC CSI: 0.906
Load Duration: 1.00	BCDL: NA psf	TPI Std: 2014	Max BC CSI: 0.998
Spacing: 16.0 "	MWFRS Parallel Dist: NA	Rep Factors Used: Yes	Max Web CSI: 0.899
	C&C Dist a: NA ft	FT/RT:12(0)/10(0)	Mfg Specified Camber:
	Loc. from endwall: NA	Plate Type(s):	
	I: NA GCpi: NA	WAVE, HS	VIEW Ver: 23.02.04A.0207.10
	Wind Duration: NA		

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2 T2 4x2 SP #1;
Bot chord 4x2 SP #1
Webs 4x2 SP #3
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Deflection

Max JT VERT DEFL: LL: 0.42" DL: 0.28". See detail DEFLCAMB1014 for camber recommendations.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AA	1410	/-	/-	/-	/-	/-
N	1418	/-	/-	/-	/-	/-

AA Brg Wid = 5.5 Min Req = 1.5
N Brg Wid = 5.2 Min Req = 1.5
Bearings AA & N are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	G - H	0	-4587
B - C	0	-1698	H - I	0	-4587
C - D	0	-2987	I - J	0	-4257
D - E	0	-3898	J - K	0	-3569
E - F	0	-4429	K - L	0	-2516
F - G	0	-4591	L - M	0	-1026

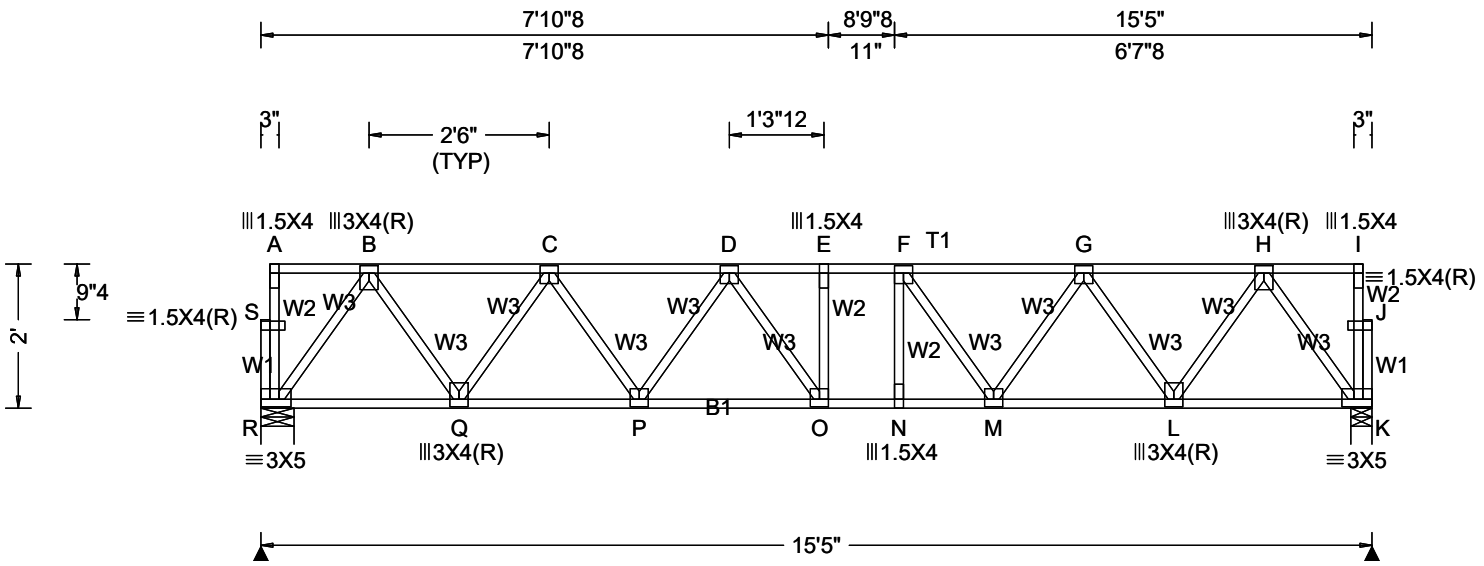
Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AA- Z	942	0	U - T	4591	0
Z - Y	2428	0	T - S	4489	0
Y - X	3525	0	S - R	4002	0
X - W	4249	0	R - Q	3114	0
W - V	4591	0	Q - P	1896	0
V - U	4591	0	P - O	48	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AB-AA	4	-73	T - I	528	-206
A -AB	0	-38	I - S	0	-479
AA- B	0	-1644	S - J	460	0
B - Z	1362	0	J - R	0	-780
Z - C	0	-1317	R - K	820	0
C - Y	1008	0	K - Q	0	-1078
Y - D	0	-969	Q - L	1118	0
D - X	673	0	L - P	0	-1569
X - E	0	-632	P - M	1653	0
E - W	484	0	N - O	8	0
W - F	106	-572	N - M	0	-468
F - U	220	-185	M - N	9	-1166
G - T	46	-259			

Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F02	Ply: 1 Qty: 6 Wgt: 107.8 lbs	SEQN: 81446 / T2 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.089	E	999	480
VERT(TL): 0.125	O	999	360
HORZ(LL): 0.019	B	-	-
HORZ(TL): 0.030	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.333
Max BC CSI: 0.584
Max Web CSI: 0.336
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
R	861 /-	/-	/-	/-	/-
K	861 /-	/-	/-	/-	/-

R Brg Wid = 5.5 Min Req = 1.5
K Brg Wid = 3.5 Min Req = 1.5
Bearings R & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	E - F	0	-1695
B - C	0	-951	F - G	0	-1511
C - D	0	-1512	G - H	0	-952
D - E	0	-1694	H - I	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	559	0	N - M	1694	0
Q - P	1320	0	M - L	1318	0
P - O	1678	0	L - K	560	0
O - N	1695	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
S - R	0	-59	N - F	138	-71
A - S	0	-38	F - M	0	-397
R - B	0	-976	M - G	372	0
B - Q	707	0	G - L	0	-659
Q - C	0	-664	L - H	706	0
C - P	347	0	H - K	0	-977
P - D	0	-299	I - J	0	-39
D - O	229	-147	K - J	0	-12
O - E	45	-100	J - K	0	-48

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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

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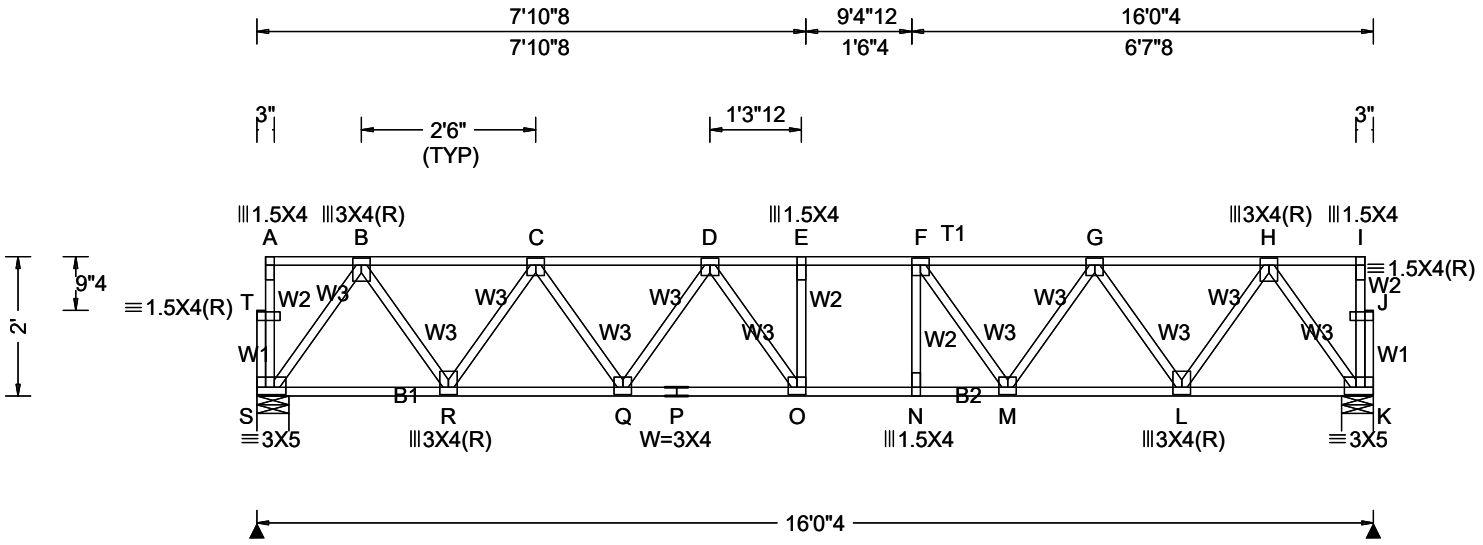
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F03	Ply: 1 Qty: 6 Wgt: 109.2 lbs	SEQN: 81447 / T11 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.110	E	999	480
VERT(TL): 0.182	E	999	360
HORZ(LL): 0.024	B	-	-
HORZ(TL): 0.043	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.466
Max BC CSI: 0.768
Max Web CSI: 0.356
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
S	895 /-	/-	/-	/-	/-
K	895 /-	/-	/-	/-	/-

S Brg Wid = 5.5 Min Req = 1.5
K Brg Wid = 5.5 Min Req = 1.5
Bearings S & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	E - F	0	-1826
B - C	0	-998	F - G	0	-1605
C - D	0	-1606	G - H	0	-998
D - E	0	-1824	H - I	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
S - R	583	0	O - N	1826	0
R - Q	1390	0	N - M	1824	0
Q - P	1792	0	M - L	1385	0
P - O	1792	0	L - K	585	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
T - S	0	-58	N - F	168	-61
A - T	0	-38	F - M	0	-482
S - B	0	-1017	M - G	424	0
B - R	747	0	G - L	0	-697
R - C	0	-707	L - H	745	0
C - Q	390	0	H - K	0	-1020
Q - D	0	-334	I - J	0	-39
D - O	285	-133	K - J	0	-12
O - E	24	-151	J - K	0	-49

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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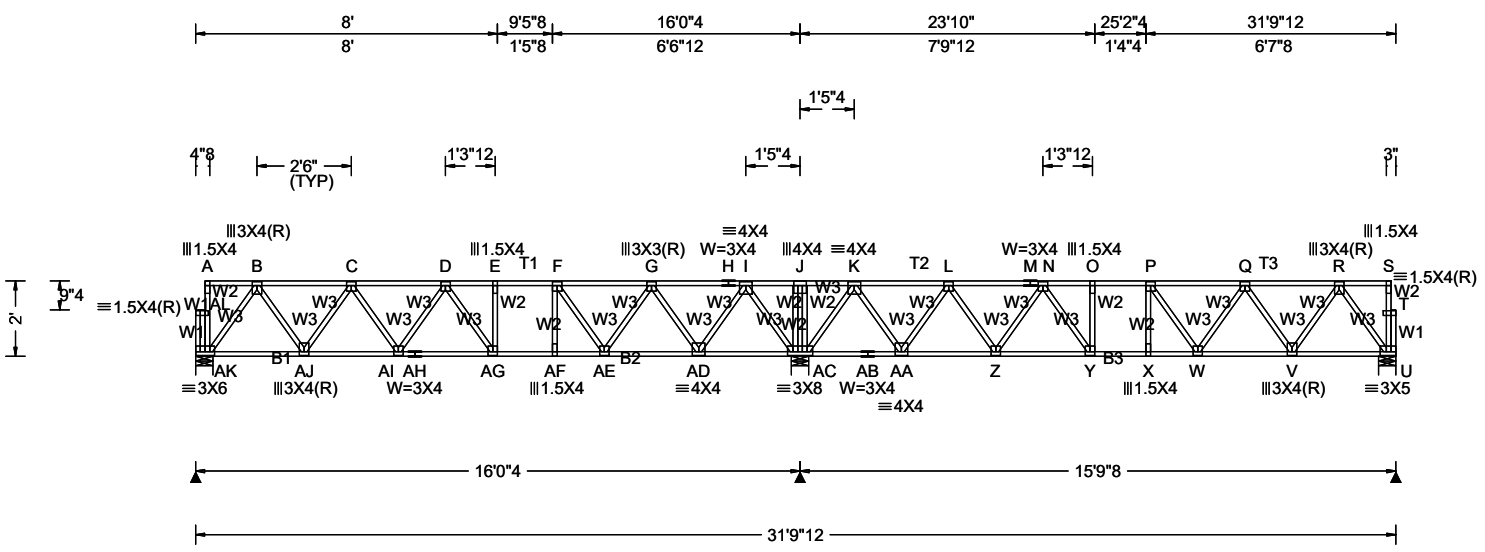
Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F04	Ply: 1 Qty: 9 Wgt: 215.6 lbs	SEQN: 81448 / T4 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)
TCLL: 55.00
TCDL: 20.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 85.00
NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.119	E	999	480
VERT(TL): 0.188	AG	999	360
HORZ(LL): 0.028	B	-	-
HORZ(TL): 0.046	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.638
Max BC CSI: 0.851
Max Web CSI: 0.417
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AK	850	/-	/-	/-	/-	/-
AC	2013	/-	/-	/-	/-	/-
U	823	/-	/-	/-	/-	/-

AK Brg Wid = 5.5 Min Req = 1.5
AC Brg Wid = 5.5 Min Req = 1.5
U Brg Wid = 5.5 Min Req = 1.5
Bearings AK, AC, & U are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	J - K	1035	0
B - C	0	-896	K - L	154	-466
C - D	0	-1415	L - M	0	-1160
D - E	0	-1505	M - N	0	-1160
E - F	0	-1505	N - O	0	-1501
F - G	0	-1215	O - P	0	-1505
G - H	225	-515	P - Q	0	-1373
H - I	225	-515	Q - R	0	-883
I - J	1035	0	R - S	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AK-AJ	530	0	AC-AB	12	-392
AJ-AI	1242	0	AB-AA	12	-392
AI-AH	1546	0	AA- Z	903	0
AH-AG	1546	0	Z - Y	1396	0
AG-AF	1505	0	Y - X	1505	0
AF-AE	1501	0	X - W	1505	0
AE-AD	944	-45	W - V	1217	0
AD-AC	65	-437	V - U	523	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL-AK	4	-73	AC- K	0	-1149
A -AL	0	-37	K -AA	875	0
AK- B	0	-930	AA- L	0	-842
B -AJ	660	0	L - Z	516	0
AJ- C	0	-624	Z - N	0	-489
C -AI	311	0	N - Y	418	0
AI- D	11	-237	Y - O	0	-208
D -AG	132	-292	X - P	89	-133
AG- E	101	-76	P - W	32	-307
AF- F	238	0	W - Q	297	0

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

Plating Notes
All plates are 3X3 except as noted.

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

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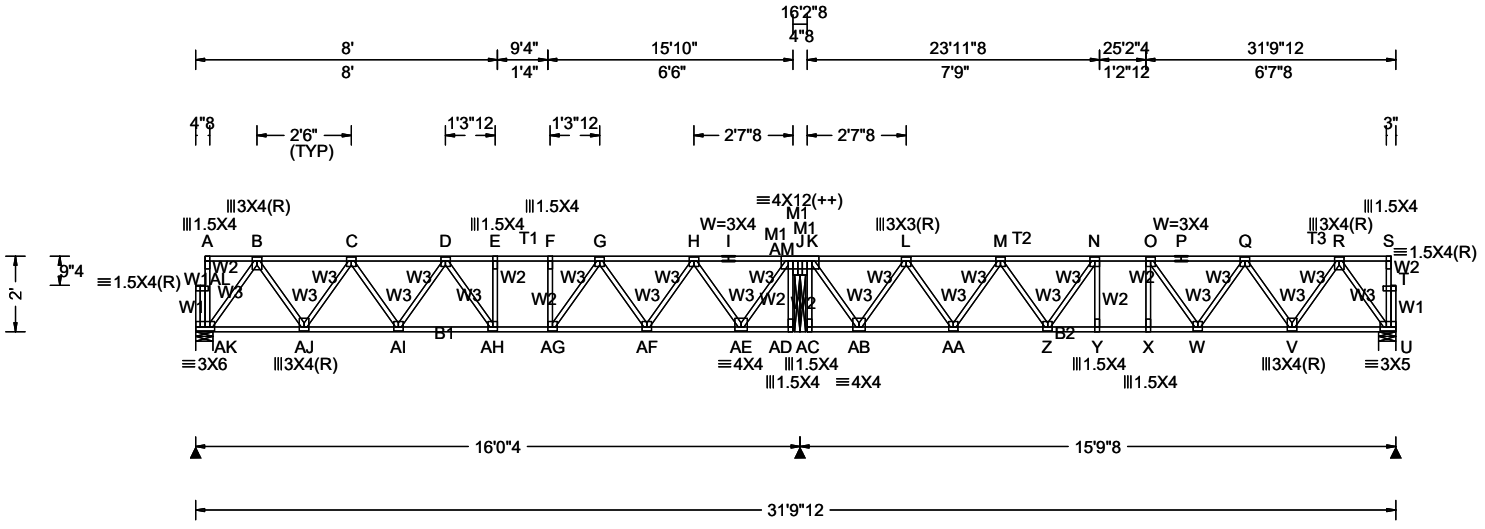
Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F04	Ply: 1 Qty: 9 Wgt: 215.6 lbs	SEQN: 81448 / T4 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

F -AE	0	-628	Q - V	0	-603
AE- G	557	0	V - R	648	0
G -AD	0	-829	R - U	0	-915
AD- I	867	0	S - T	0	-41
I -AC	0	-1158	U - T	0	-12
J -AC	0	-148	T - U	0	-50

Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F05	Ply: 1 Qty: 5 Wgt: 217.0 lbs	SEQN: 81449 / T5 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.106	E	999	480
VERT(TL): 0.170	E	999	360
HORZ(LL): 0.023	B	-	-
HORZ(TL): 0.040	AB	-	-

Creep Factor: 2.0
Max TC CSI: 0.564
Max BC CSI: 0.812
Max Web CSI: 0.449
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AK	916 / -	/ -	/ -	/ -	/ -
AM	1806 / -	/ -	/ -	/ -	/ -
U	895 / -	/ -	/ -	/ -	/ -

AK Brg Wid = 5.5 Min Req = 1.5
AM Brg Wid = 3.5 Min Req = 1.5
U Brg Wid = 5.5 Min Req = 1.5
Bearings AK, AM, & U are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - L	0	- 561	I - J	0	- 569
A - B	3	0	L - M	0	- 1341
B - C	0	- 986	M - N	0	- 1721
C - D	0	- 1586	N - O	0	- 1781
D - E	0	- 1796	O - P	0	- 1567
E - F	0	- 1797	P - Q	0	- 1567
F - G	0	- 1791	Q - R	0	- 980
G - H	0	- 1347	R - S	1	0
H - I	0	- 569			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AK-AJ	576	0	AB-AA	1042	0
AJ-AI	1374	0	AA- Z	1620	0
AI-AH	1767	0	Z - Y	1783	0
AH-AG	1797	0	Y - X	1781	0
AG-AF	1625	0	X - W	1778	0
AF-AE	1055	0	W - V	1359	0
AE-AD	11	- 15	V - U	575	0
AC-AB	11	- 15			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL-AK	4	- 73	AM-AD	8	0
A -AL	0	- 38	AM- K	0	- 1053
AK- B	0	- 1010	AM-AC	7	0
B -AJ	740	0	AB- L	0	- 867
AJ- C	0	- 699	L -AA	554	0
C -AI	382	0	AA- M	0	- 515
AI- D	0	- 327	M - Z	266	0
D -AH	266	- 145	Z - N	71	- 276
AH- E	55	- 157	N - Y	105	- 173
F -AG	0	- 256	X - O	202	- 77

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2
Bot chord 4x2 SP #2
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F05	Ply: 1 Qty: 5 Wgt: 217.0 lbs	SEQN: 81449 / T5 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

AG- G	449	0	O - W	0	- 453
G -AF	0	- 516	W - Q	396	0
AF- H	542	0	Q - V	0	- 683
H -AE	0	- 877	V - R	731	0
AE- J	943	0	R - U	0	- 1004
K -AM	8	0	S - T	0	- 39
K -AB	931	0	U - T	0	- 12
J -AM	9	- 1050	T - U	0	- 49

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

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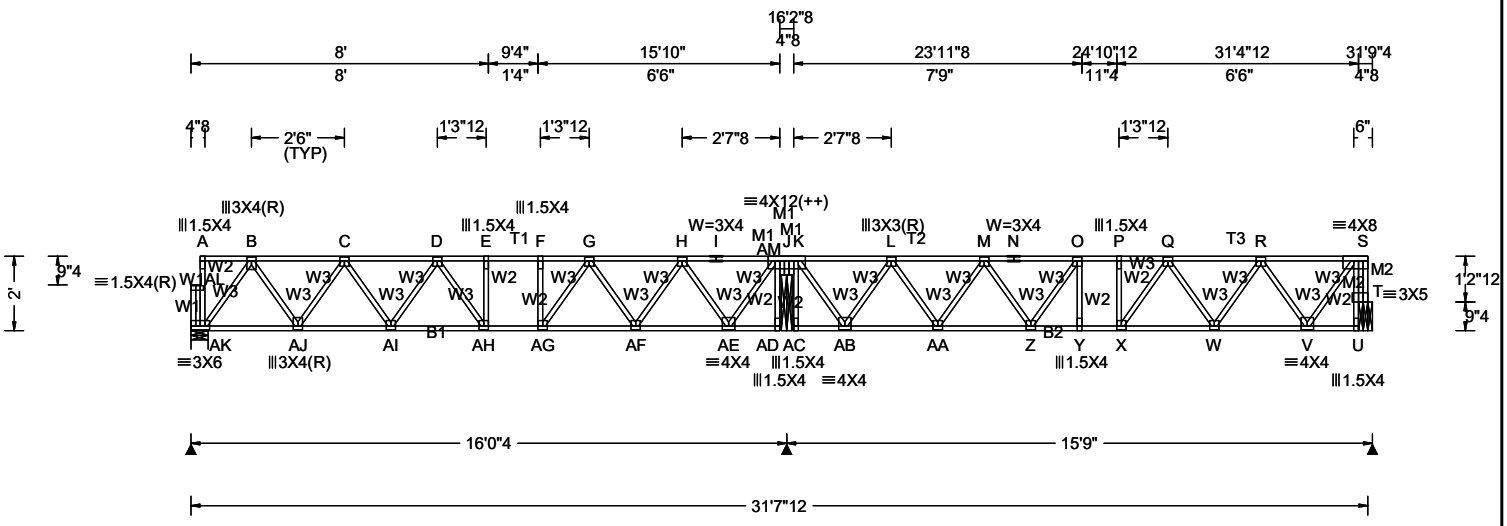
Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F06	Ply: 1 Qty: 4 Wgt: 219.8 lbs	SEQN: 81450 / T25 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.106	E	999	480
VERT(TL): 0.170	E	999	360
HORZ(LL): 0.023	B	-	-
HORZ(TL): 0.039	AB	-	-

Creep Factor: 2.0
Max TC CSI: 0.560
Max BC CSI: 0.680
Max Web CSI: 0.478
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
AK	916	/-	/-	/-	/-	/-
AM	1798	/-	/-	/-	/-	/-
T	883	/-	/-	/-	/-	/-

AK Brg Wid = 5.5 Min Req = 1.5
AM Brg Wid = 3.5 Min Req = 1.5
T Brg Wid = 4.5 Min Req = 1.5
Bearings AK, AM, & T are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - L	0	-556	I - J	0	-569
A - B	3	0	L - M	0	-1327
B - C	0	-986	M - N	0	-1697
C - D	0	-1586	N - O	0	-1697
D - E	0	-1796	O - P	0	-1754
E - F	0	-1797	P - Q	0	-1750
F - G	0	-1791	Q - R	0	-1343
G - H	0	-1348	R - S	0	-593
H - I	0	-569			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AK-AJ	576	0	AB-AA	1032	0
AJ-AI	1374	0	AA- Z	1600	0
AI-AH	1768	0	Z - Y	1756	0
AH-AG	1797	0	Y - X	1754	0
AG-AF	1625	0	X - W	1605	0
AF-AE	1055	0	W - V	1068	0
AE-AD	11	-15	V - U	48	0
AC-AB	11	-15			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL-AK	4	-73	AM-AD	8	0
A -AL	0	-38	AM- K	0	-1047
AK- B	0	-1010	AM-AC	7	0
B -AJ	740	0	AB- L	0	-859
AJ- C	0	-699	L -AA	545	0
C -AI	382	0	AA- M	0	-507
AI- D	0	-327	M - Z	258	0
D -AH	266	-145	Z - O	66	-254
AH- E	55	-157	O - Y	73	-146
F -AG	0	-256	P - X	0	-177

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2
Bot chord 4x2 SP #2
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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

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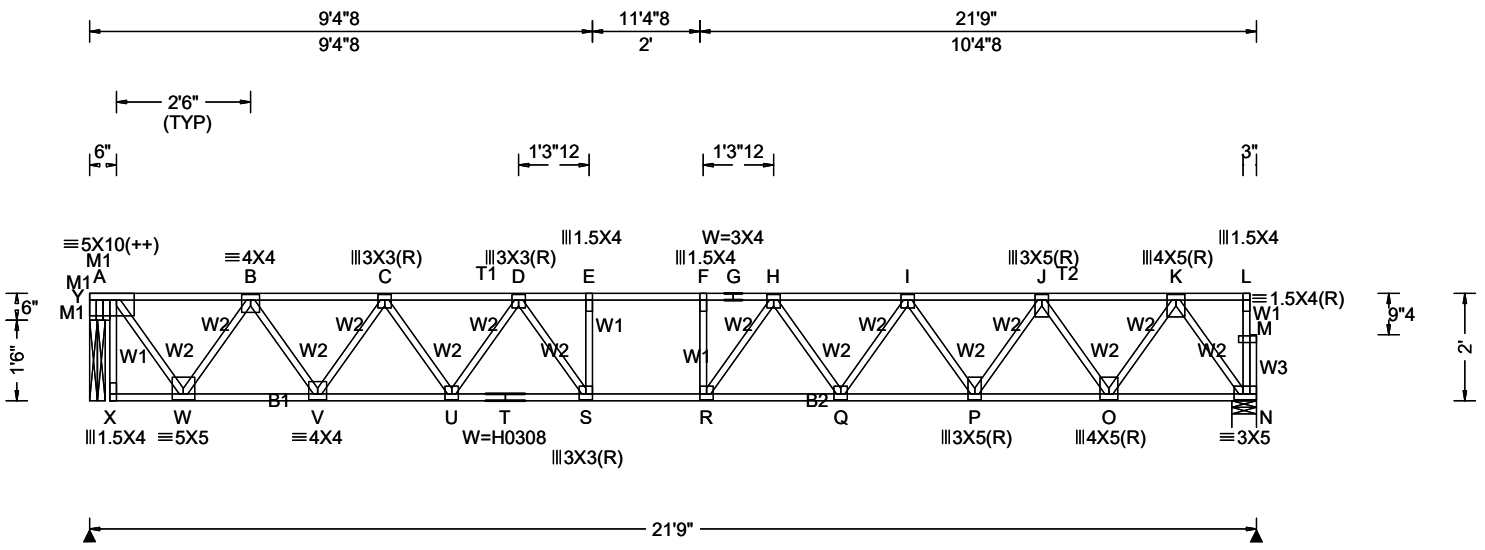
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing,any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. **A seal on this drawing or cover page listing this drawing,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

AG- G	449	0	X - Q	392	0
G -AF	0	- 516	Q - W	0	- 471
AF- H	542	0	W - R	496	0
H -AE	0	- 877	R - V	0	- 856
AE- J	944	0	V - S	922	0
K -AM	8	0	T - U	8	0
K -AB	922	0	T - S	14	- 37
J -AM	9	- 1047	S - T	9	- 878

Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F07	Ply: 1 Qty: 18 Wgt: 142.8 lbs	SEQN: 81451 / T16 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.281	F	912	480
VERT(TL): 0.419	R	611	360
HORZ(LL): 0.057	N	-	-
HORZ(TL): 0.088	N	-	-

Creep Factor: 2.0
Max TC CSI: 0.864
Max BC CSI: 0.880
Max Web CSI: 0.872
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
Y	1228 / -	/ -	/ -	/ -	/ -
N	1220 / -	/ -	/ -	/ -	/ -

Y Brg Wid = 3.5 Min Req = 1.5
N Brg Wid = 5.5 Min Req = 1.5
Bearings Y & N are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-883	G - H	0	-3416
B - C	0	-2121	H - I	0	-3141
C - D	0	-2911	I - J	0	-2480
D - E	0	-3412	J - K	0	-1441
E - F	0	-3419	K - L	1	0
F - G	0	-3416			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
X - W	47	0	S - R	3419	0
W - V	1625	0	R - Q	3354	0
V - U	2593	0	Q - P	2895	0
U - T	3217	0	P - O	2046	0
T - S	3217	0	O - N	811	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - Y	9	-443	R - H	453	-195
A - W	1414	0	H - Q	0	-409
Y - A	0	-988	Q - I	444	0
Y - X	8	0	I - P	0	-749
W - B	0	-1338	P - J	782	0
B - V	894	0	J - O	0	-1090
V - C	0	-850	O - K	1136	0
C - U	574	0	K - N	0	-1415
U - D	0	-551	L - M	0	-37
D - S	623	-28	N - M	0	-12
S - E	0	-363	M - N	0	-47
F - R	68	-271			

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #1 T2 4x2 SP #2;
Bot chord 4x2 SP #2 B2 4x2 SP #1;
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Deflection

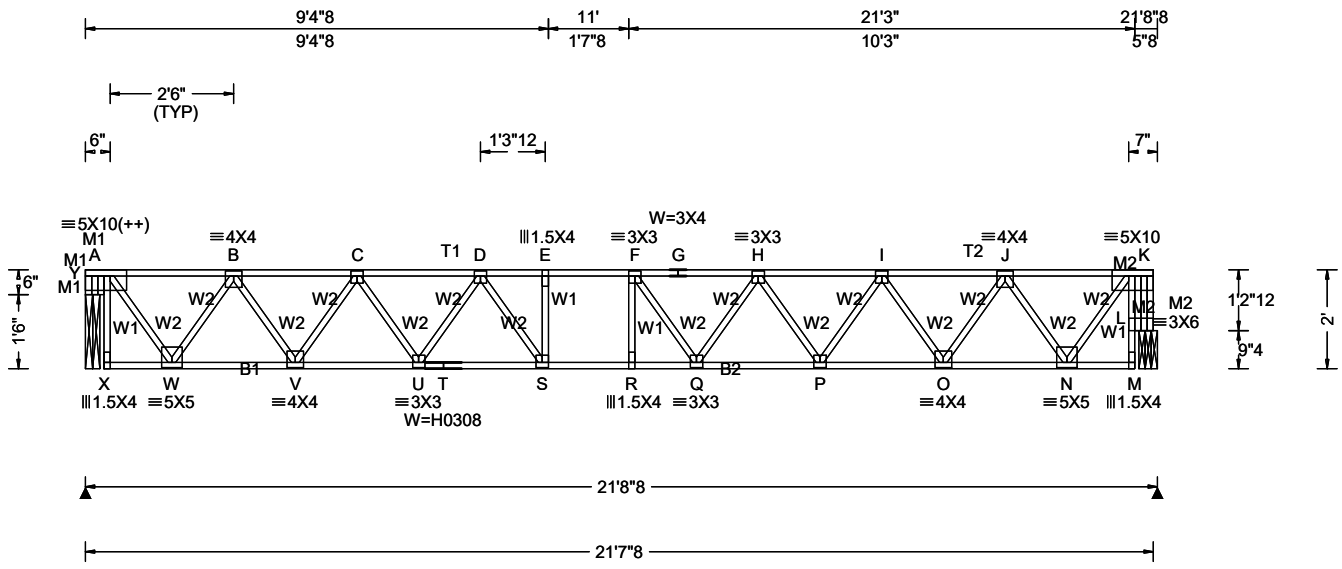
Max JT VERT DEFL: LL: 0.28" DL: 0.21". See detail DEFLCAMB1014 for camber recommendations.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F08	Ply: 1 Qty: 12 Wgt: 147.0 lbs	SEQN: 81452 / T15 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.284	F	897	480
VERT(TL): 0.437	F	583	360
HORZ(LL): 0.055	M	-	-
HORZ(TL): 0.085	M	-	-

Creep Factor: 2.0
Max TC CSI: 0.860
Max BC CSI: 0.904
Max Web CSI: 0.963
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
Y	1220 /-	/-	/-	/-	/-
L	1220 /-	/-	/-	/-	/-

Y Brg Wid = 3.5 Min Req = 1.5
L Brg Wid = 4.5 Min Req = 1.5
Bearings Y & L are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-877	F - G	0	-3315
B - C	0	-2106	G - H	0	-3315
C - D	0	-2885	H - I	0	-2895
D - E	0	-3377	I - J	0	-2099
E - F	0	-3383	J - K	0	-895

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
X - W	46	0	R - Q	3386	0
W - V	1615	0	Q - P	3198	0
V - U	2572	0	P - O	2573	0
U - T	3190	0	O - N	1602	0
T - S	3190	0	N - M	97	0
S - R	3383	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - Y	9	-441	F - Q	157	-396
A - W	1405	0	Q - H	364	0
Y - A	0	-983	H - P	0	-546
Y - X	8	0	P - I	582	0
W - B	0	-1330	I - O	0	-854
B - V	886	0	O - J	895	0
V - C	0	-840	J - N	0	-1275
C - U	565	0	N - K	1350	0
U - D	0	-549	L - M	8	0
D - S	586	-36	L - K	0	-128
S - E	0	-296	K - L	9	-1112
R - F	125	-201			

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #1 T2 4x2 SP #2;
Bot chord 4x2 SP #2 B2 4x2 SP #1;
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3(R) except as noted.

(++) - This plate works for both joints covered.

Deflection

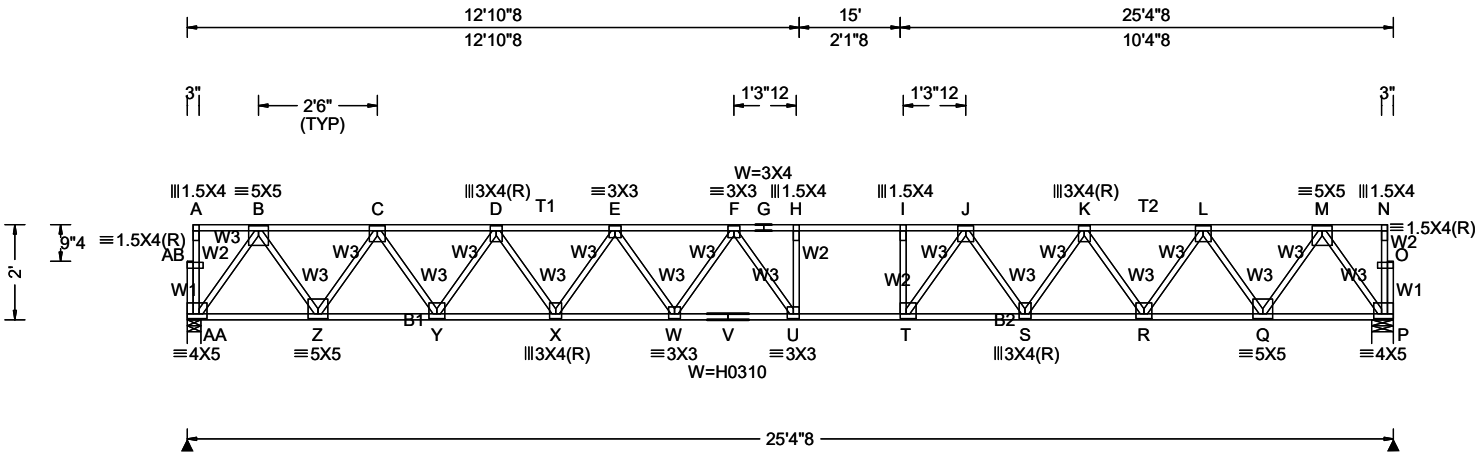
Max JT VERT DEFL: LL: 0.28" DL: 0.19". See detail DEFLCAMB1014 for camber recommendations.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F09	Ply: 1 Qty: 7 Wgt: 165.2 lbs	SEQN: 81453 / T1 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.437 H	686	480
VERT(TL):	0.637 U	471	360
HORZ(LL):	0.079 B	-	-
HORZ(TL):	0.122 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.695
Max BC CSI: 0.945
Max Web CSI: 0.658
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2 T2 4x2 SP 2400f-2.0E;
Bot chord 4x2 SP #1 B2 4x2 SP 2400f-2.0E;
Webs 4x2 SP #3

Plating Notes

All plates are 4X4 except as noted.

Deflection

Max JT VERT DEFL: LL: 0.44" DL: 0.31". See detail DEFLCAMB1014 for camber recommendations.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
AA	1425	/-	/-	/-	/-	/-
P	1425	/-	/-	/-	/-	/-

AA Brg Wid = 3.5 Min Req = 1.5
P Brg Wid = 5.5 Min Req = 1.5
Bearings AA & P are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	H - I	0	-4646
B - C	0	-1721	I - J	0	-4635
C - D	0	-3034	J - K	0	-3953
D - E	0	-3965	K - L	0	-3037
E - F	0	-4531	L - M	0	-1720
F - G	0	-4646	M - N	1	0
G - H	0	-4646			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AA- Z	954	0	U - T	4646	0
Z - Y	2464	0	T - S	4327	0
Y - X	3582	0	S - R	3583	0
X - W	4332	0	R - Q	2463	0
W - V	4680	0	Q - P	954	0
V - U	4680	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AB-AA	0	-59	I - T	0	-486
A -AB	0	-37	T - J	849	0
AA- B	0	-1665	J - S	0	-675
B - Z	1382	0	S - K	666	0
Z - C	0	-1338	K - R	0	-985
C - Y	1029	0	R - L	1035	0
Y - D	0	-988	L - Q	0	-1339
D - X	690	0	Q - M	1381	0
X - E	0	-661	M - P	0	-1664
E - W	390	0	N - O	0	-38
W - F	0	-382	P - O	0	-12
F - U	410	-390	O - P	0	-47
U - H	170	-249			

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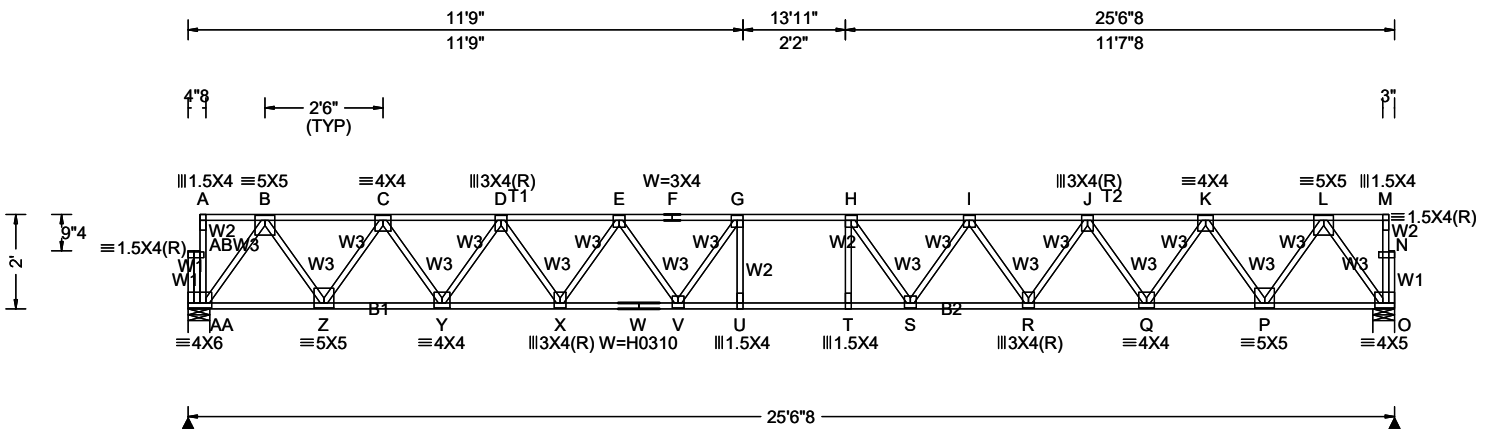
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F10	Ply: 1 Qty: 110 Wgt: 168.0 lbs	SEQN: 81454 / T29 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.363	U	828	480
VERT(TL): 0.526	G	571	360
HORZ(LL): 0.065	B	-	-
HORZ(TL): 0.100	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.855
Max BC CSI: 0.719
Max Web CSI: 0.660
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AA	1429 /-	/-	/-	/-	/-
O	1428 /-	/-	/-	/-	/-

AA Brg Wid = 5.5 Min Req = 1.5
O Brg Wid = 5.5 Min Req = 1.5
Bearings AA & O are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	G - H	0	-4713
B - C	0	-1724	H - I	0	-4535
C - D	0	-3040	I - J	0	-3976
D - E	0	-3976	J - K	0	-3040
E - F	0	-4534	K - L	0	-1724
F - G	0	-4534	L - M	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AA- Z	956	0	U - T	4713	0
Z - Y	2468	0	T - S	4712	0
Y - X	3591	0	S - R	4339	0
X - W	4339	0	R - Q	3590	0
W - V	4339	0	Q - P	2468	0
V - U	4712	0	P - O	955	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AB-AA	4	-73	H - S	108	-641
A -AB	0	-37	S - I	518	0
AA- B	0	-1667	I - R	0	-655
B - Z	1385	0	R - J	695	0
Z - C	0	-1341	J - Q	0	-993
C - Y	1032	0	Q - K	1031	0
Y - D	0	-993	K - P	0	-1341
D - X	695	0	P - L	1385	0
X - E	0	-654	L - O	0	-1667
E - V	515	0	M - N	0	-38
V - G	105	-638	O - N	0	-12
G - U	262	-218	N - O	0	-48
T - H	262	-218			

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2 T2 4x2 SP 2400f-2.0E;
Bot chord 4x2 SP 2400f-2.0E
Webs 4x2 SP #3

Plating Notes

All plates are 3X3 except as noted.

Deflection

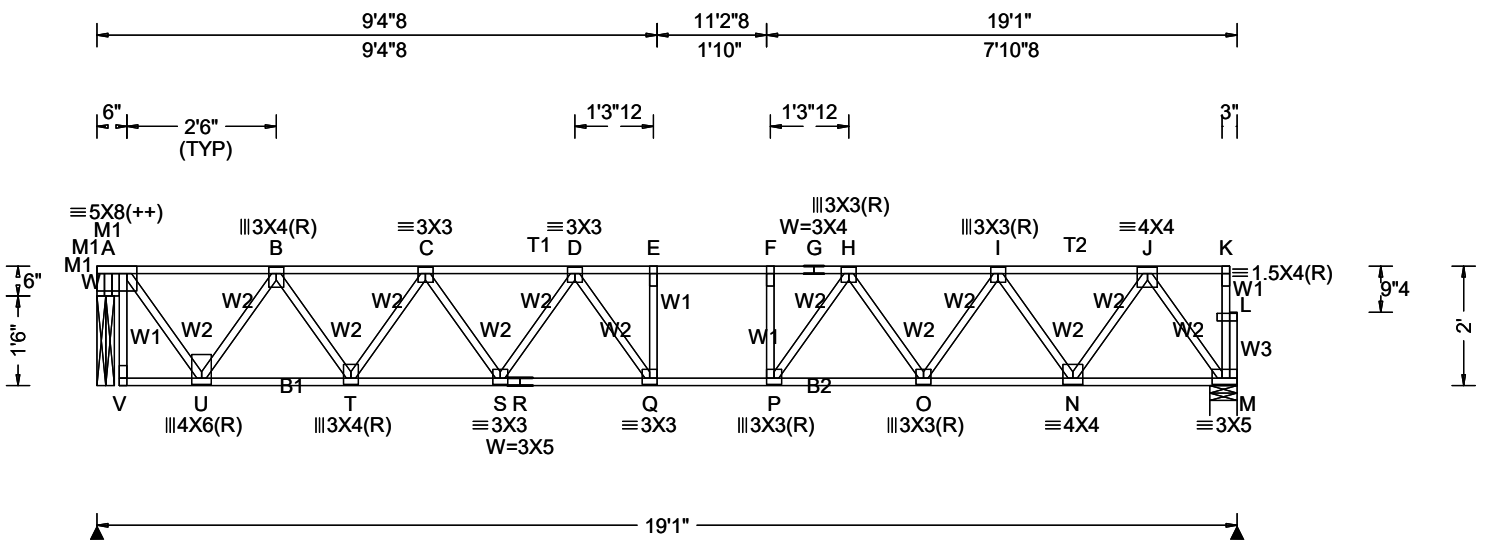
Max JT VERT DEFL: LL: 0.36" DL: 0.26". See detail DEFLCAMB1014 for camber recommendations.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F11	Ply: 1 Qty: 6 Wgt: 126.0 lbs	SEQN: 81455 / T18 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00

NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.198	E	999	480
VERT(TL): 0.309	Q	727	360
HORZ(LL): 0.045	A	-	-
HORZ(TL): 0.069	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.765
Max BC CSI: 0.733
Max Web CSI: 0.777
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
W	1076 /-	/-	/-	/-	/-
M	1069 /-	/-	/-	/-	/-

W Brg Wid = 3.5 Min Req = 1.5
M Brg Wid = 5.5 Min Req = 1.5
Bearings W & M are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-761	F - G	0	-2598
B - C	0	-1791	G - H	0	-2598
C - D	0	-2393	H - I	0	-2064
D - E	0	-2604	I - J	0	-1237
E - F	0	-2606	J - K	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
V - U	42	0	Q - P	2606	0
U - T	1396	0	P - O	2380	0
T - S	2167	0	O - N	1741	0
S - R	2583	0	N - M	705	0
R - Q	2583	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - W	8	-385	F - P	0	-343
A - U	1217	0	P - H	592	0
W - A	0	-871	H - O	0	-569
W - V	7	0	O - I	583	0
U - B	0	-1144	I - N	0	-909
B - T	712	0	N - J	959	0
T - C	0	-678	J - M	0	-1229
C - S	408	0	K - L	0	-38
S - D	0	-341	M - L	0	-12
D - Q	343	-199	L - M	0	-47
Q - E	75	-208			

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #1 T2 4x2 SP #2;
Bot chord 4x2 SP #2 B2 4x2 SP #1;
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 1.5X4 except as noted.

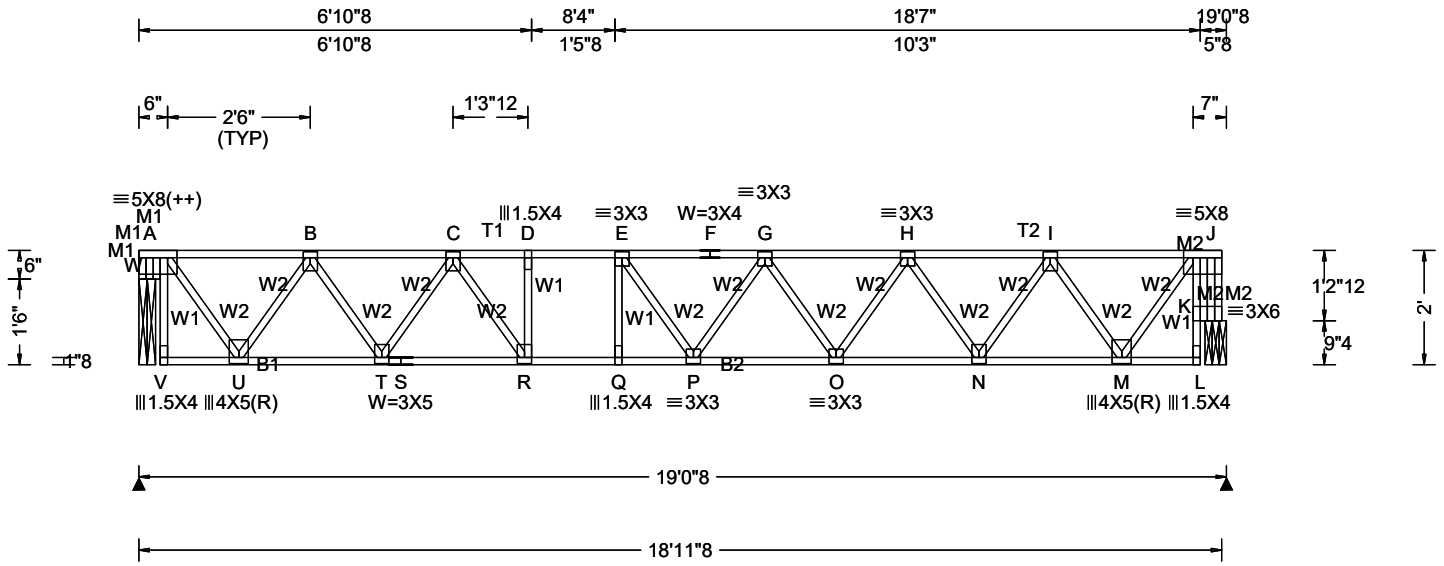
(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F12	Ply: 1 Qty: 3 Wgt: 133.0 lbs	SEQN: 81456 / T7 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.235	E	948	480
VERT(TL): 0.342	E	652	360
HORZ(LL): 0.055	L	-	-
HORZ(TL): 0.085	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.997
Max BC CSI: 0.948
Max Web CSI: 0.859
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
W	1069 /-	/-	/-	/-	/-
K	1069 /-	/-	/-	/-	/-

W Brg Wid = 3.5 Min Req = 1.5
K Brg Wid = 4.5 Min Req = 1.5
Bearings W & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-762	F - G	0	-2581
B - C	0	-1760	G - H	0	-2368
C - D	0	-2480	H - I	0	-1772
D - E	0	-2490	I - J	0	-771
E - F	0	-2581			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
V - U	44	0	Q - P	2497	0
U - T	1385	0	P - O	2577	0
T - S	2147	0	O - N	2144	0
S - R	2147	0	N - M	1375	0
R - Q	2490	0	M - L	86	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - W	8	-364	P - G	191	-114
A - U	1213	0	G - O	0	-377
W - A	0	-883	O - H	406	0
W - V	7	0	H - N	0	-671
U - B	0	-1125	N - I	714	0
B - T	675	0	I - M	0	-1090
T - C	0	-698	M - J	1158	0
C - R	720	0	K - L	8	0
R - D	0	-342	K - J	0	-104
Q - E	17	-287	J - K	9	-982
E - P	320	-159			

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2
Bot chord 4x2 SP #2 B2 4x2 SP #1;
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X4(R) except as noted.

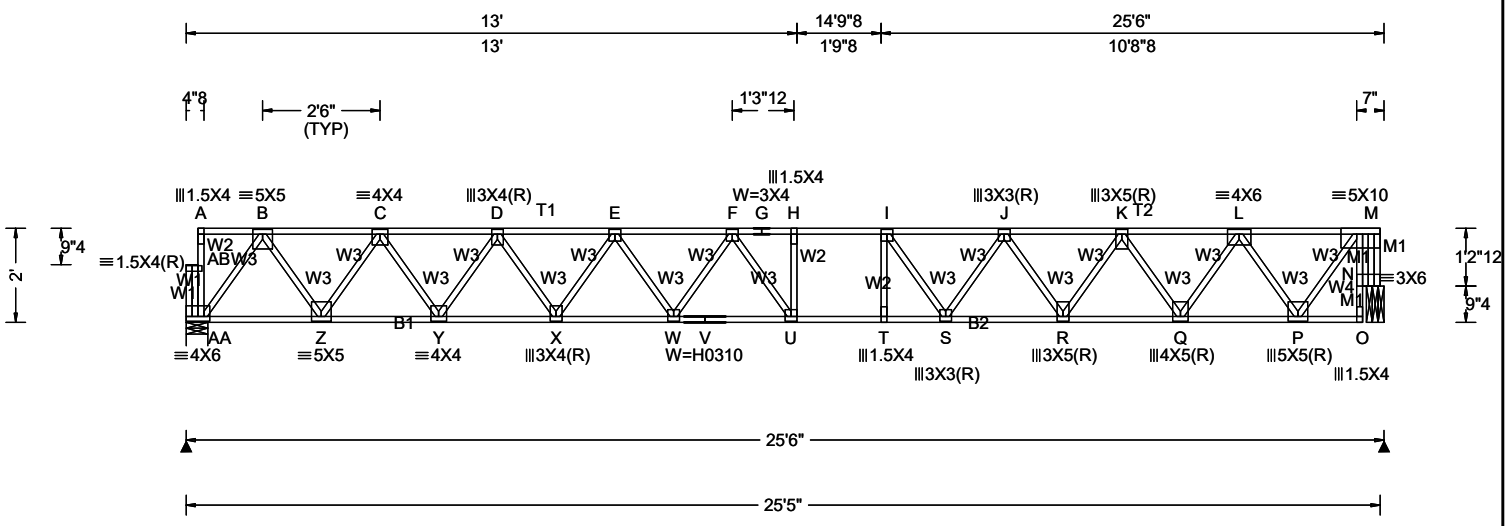
(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F13	Ply: 1 Qty: 8 Wgt: 173.6 lbs	SEQN: 81457 / T8 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.437	H	684	480
VERT(TL): 0.675	H	443	360
HORZ(LL): 0.079	B	-	-
HORZ(TL): 0.121	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.923
Max BC CSI: 0.871
Max Web CSI: 0.769
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AA	1422 / -	/ -	/ -	/ -	/ -
N	1428 / -	/ -	/ -	/ -	/ -

AA Brg Wid = 5.5 Min Req = 1.5
N Brg Wid = 4.5 Min Req = 1.5
Bearings AA & N are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	G - H	0	-4631
B - C	0	-1714	H - I	0	-4632
C - D	0	-3021	I - J	0	-4326
D - E	0	-3946	J - K	0	-3619
E - F	0	-4503	K - L	0	-2549
F - G	0	-4631	L - M	0	-1065

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AA- Z	951	0	U - T	4632	0
Z - Y	2454	0	T - S	4627	0
Y - X	3566	0	S - R	4049	0
X - W	4309	0	R - Q	3163	0
W - V	4652	0	Q - P	1914	0
V - U	4652	0	P - O	110	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AB-AA	4	-73	T - I	326	-113
A -AB	0	-37	I - S	0	-773
AA- B	0	-1659	S - J	613	0
B - Z	1377	0	J - R	0	-774
Z - C	0	-1333	R - K	822	0
C - Y	1023	0	K - Q	0	-1107
Y - D	0	-982	Q - L	1145	0
D - X	685	0	L - P	0	-1532
X - E	0	-654	P - M	1615	0
E - W	384	0	N - O	8	0
W - F	0	-386	N - M	0	-168
F - U	395	-360	M - N	9	-1284
U - H	101	-202			

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2 T2 4x2 SP #1;
Bot chord 4x2 SP #1 B2 4x2 SP 2400f-2.0E;
Webs 4x2 SP #3 W4 4x2 SP #2;
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3 except as noted.

Deflection

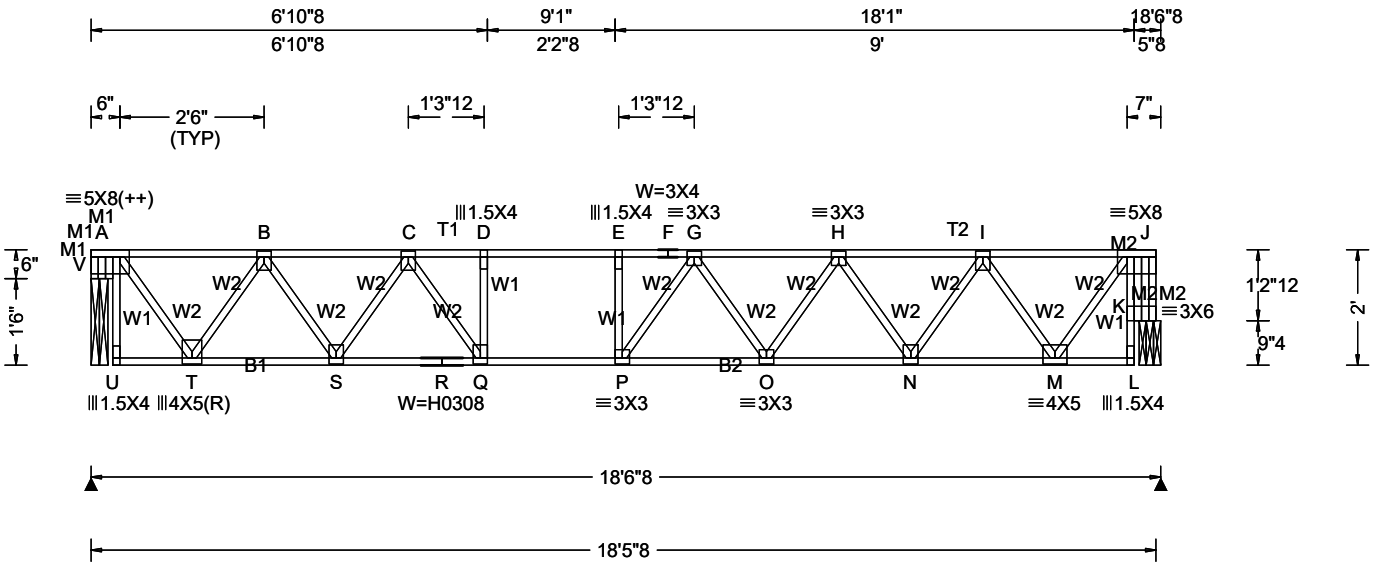
Max JT VERT DEFL: LL: 0.44" DL: 0.29". See detail DEFLCAMB1014 for camber recommendations.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F14	Ply: 1 Qty: 15 Wgt: 127.4 lbs	SEQN: 81458 / T20 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00

NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.233	E	931	480
VERT(TL): 0.381	P	569	360
HORZ(LL): 0.056	L	-	-
HORZ(TL): 0.085	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.764
Max BC CSI: 0.882
Max Web CSI: 0.841
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
V	1041 /-	/-	/-	/-	/-
K	1041 /-	/-	/-	/-	/-

V Brg Wid = 3.5 Min Req = 1.5
K Brg Wid = 4.5 Min Req = 1.5
Bearings V & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-737	F - G	0	-2396
B - C	0	-1700	G - H	0	-2276
C - D	0	-2384	H - I	0	-1708
D - E	0	-2396	I - J	0	-748
E - F	0	-2396			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
U - T	40	0	P - O	2430	0
T - S	1344	0	O - N	2071	0
S - R	2061	0	N - M	1331	0
R - Q	2061	0	M - L	85	0
Q - P	2396	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - V	9	-374	P - G	281	-262
A - T	1179	0	G - O	0	-296
V - A	0	-840	O - H	370	0
V - U	8	0	H - N	0	-653
T - B	0	-1095	N - I	680	0
B - S	641	0	I - M	0	-1051
S - C	0	-650	M - J	1122	0
C - Q	739	0	K - L	6	0
Q - D	0	-435	K - J	0	-99
E - P	101	-182	J - K	8	-959

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #1 T2 4x2 SP #2;
Bot chord 4x2 SP #2 B2 4x2 SP #1;
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X4(R) except as noted.

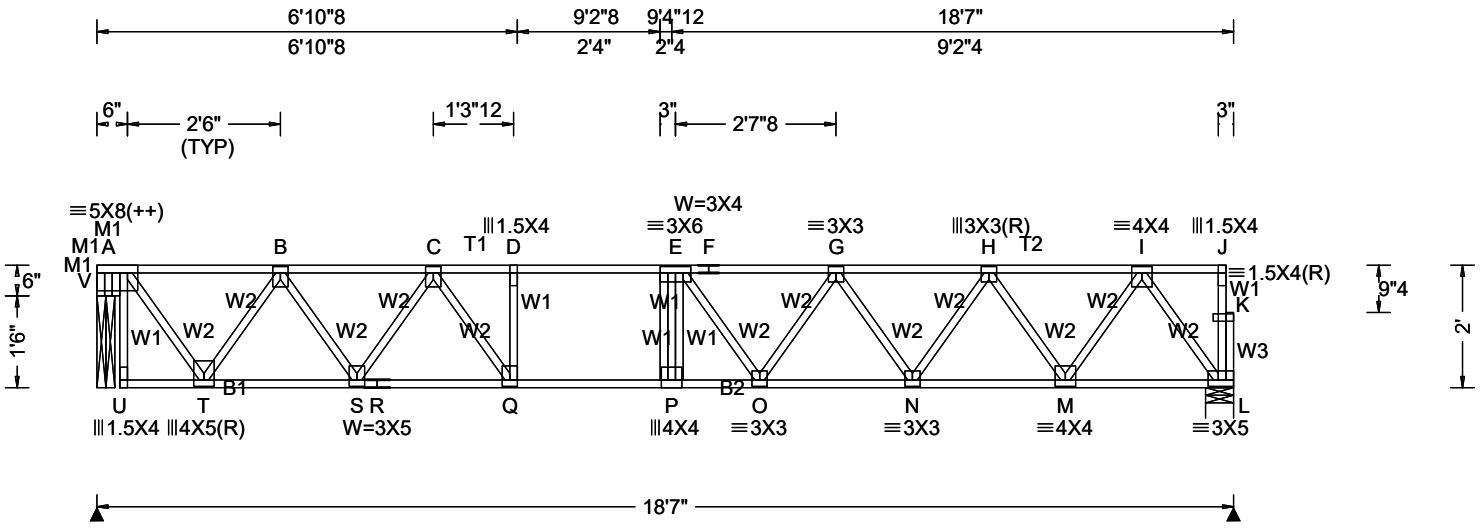
(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F15	Ply: 1 Qty: 32 Wgt: 128.8 lbs	SEQN: 81459 / T19 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.216	P	999	480
VERT(TL): 0.365	P	598	360
HORZ(LL): 0.052	L	-	-
HORZ(TL): 0.080	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.715
Max BC CSI: 0.638
Max Web CSI: 0.649
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
V	1048 /-	/-	/-	/-	/-
L	1040 /-	/-	/-	/-	/-

V Brg Wid = 3.5 Min Req = 1.5
L Brg Wid = 5.5 Min Req = 1.5
Bearings V & L are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-741	F - G	0	-2409
B - C	0	-1715	G - H	0	-1998
C - D	0	-2423	H - I	0	-1195
D - E	0	-2435	I - J	1	0
E - F	0	-2409			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
U - T	35	0	P - O	2439	0
T - S	1356	0	O - N	2303	0
S - R	2086	0	N - M	1678	0
R - Q	2086	0	M - L	686	0
Q - P	2435	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - V	9	-408	E - O	156	-321
A - T	1194	0	O - G	312	0
V - A	0	-814	G - N	0	-550
V - U	8	0	N - H	577	0
T - B	0	-1108	H - M	0	-870
B - S	647	0	M - I	917	0
S - C	0	-669	I - L	0	-1197
C - Q	769	0	J - K	0	-36
Q - D	0	-417	L - K	0	-12
P - E	68	-229	K - L	0	-45

Lumber

Value Set: NDS 2015

Top chord 4x2 SP 2400f-2.0E T2 4x2 SP #1;
Bot chord 4x2 SP #2 B2 4x2 SP 2400f-2.0E;
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X4(R) except as noted.

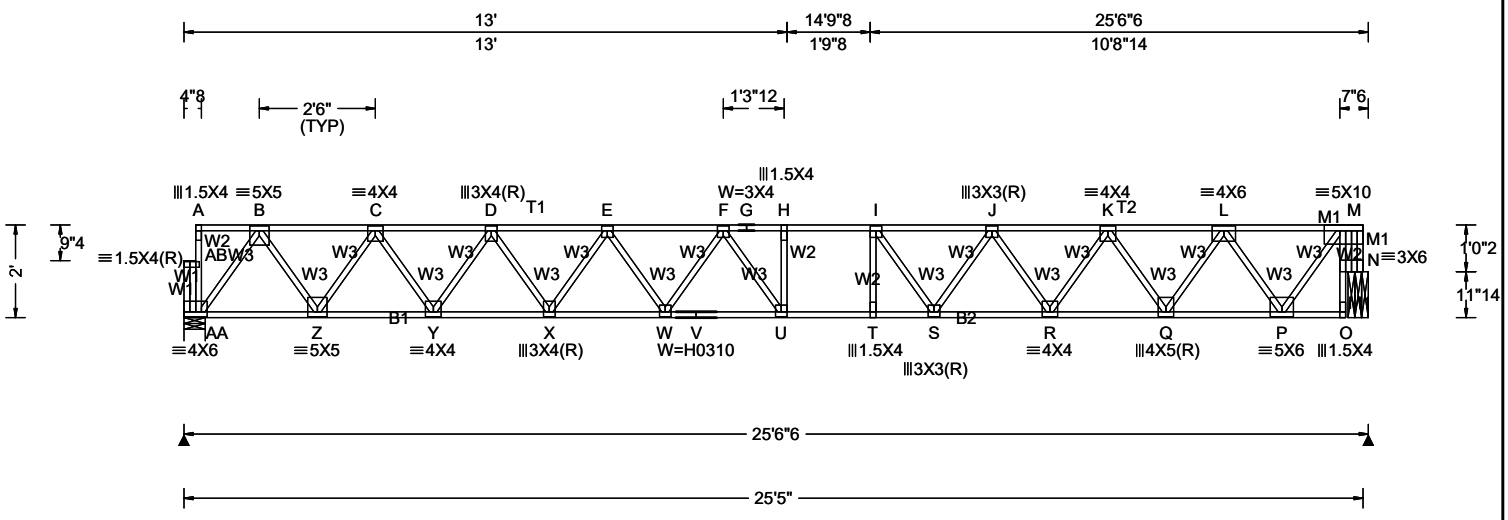
(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F16	Ply: 1 Qty: 7 Wgt: 169.4 lbs	SEQN: 81460 / T53 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.436	H	685	480
VERT(TL): 0.673	H	443	360
HORZ(LL): 0.078	B	-	-
HORZ(TL): 0.121	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.927
Max BC CSI: 0.869
Max Web CSI: 0.945
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2 T2 4x2 SP #1;
Bot chord 4x2 SP #1 B2 4x2 SP 2400f-2.0E;
Webs 4x2 SP #3
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3 except as noted.

Deflection

Max JT VERT DEFL: LL: 0.44" DL: 0.29". See detail DEFLCAMB1014 for camber recommendations.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
AA	1421	/-	/-	/-	/-	/-
N	1430	/-	/-	/-	/-	/-

AA Brg Wid = 5.5 Min Req = 1.5 (Truss)
N Brg Wid = 5.2 Min Req = 1.5 (Support)
Bearings AA & N are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	G - H	0	-4618
B - C	0	-1712	H - I	0	-4619
C - D	0	-3016	I - J	0	-4311
D - E	0	-3939	J - K	0	-3602
E - F	0	-4494	K - L	0	-2531
F - G	0	-4618	L - M	0	-1039

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AA- Z	950	0	U - T	4619	0
Z - Y	2450	0	T - S	4614	0
Y - X	3560	0	S - R	4033	0
X - W	4301	0	R - Q	3144	0
W - V	4641	0	Q - P	1896	0
V - U	4641	0	P - O	75	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AB-AA	4	-73	T - I	327	-111
A -AB	0	-37	I - S	0	-775
AA- B	0	-1657	S - J	615	0
B - Z	1375	0	J - R	0	-777
Z - C	0	-1331	R - K	825	0
C - Y	1021	0	K - Q	0	-1106
Y - D	0	-980	Q - L	1144	0
D - X	683	0	L - P	0	-1546
X - E	0	-652	P - M	1629	0
E - W	383	0	N - O	8	0
W - F	0	-384	N - M	0	-227
F - U	392	-362	M - N	9	-1232
U - H	102	-200			

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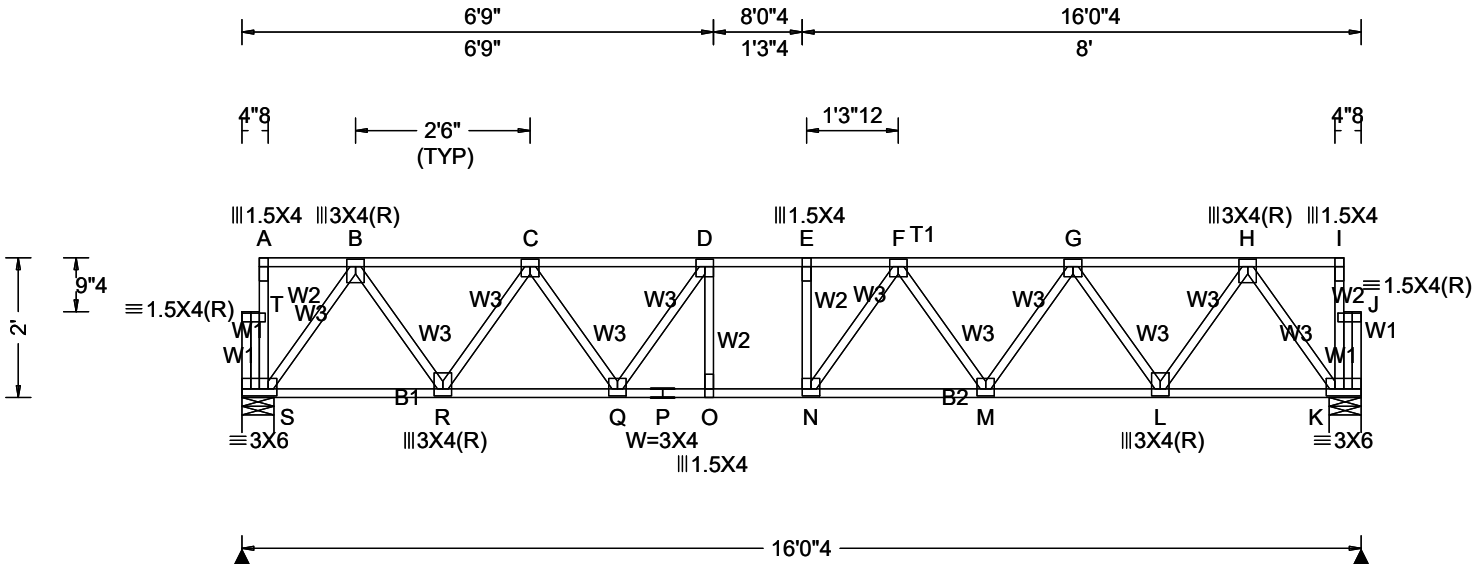
Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F17	Ply: 1 Qty: 4 Wgt: 114.8 lbs	SEQN: 81461 / T32 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.100	E	999	480
VERT(TL): 0.156	N	999	360
HORZ(LL): 0.020	K	-	-
HORZ(TL): 0.031	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.526
Max BC CSI: 0.689
Max Web CSI: 0.348
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

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

Plating Notes
All plates are 3X3 except as noted.

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

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
S	883 /-	/-	/-	/-	/-
K	883 /-	/-	/-	/-	/-

S Brg Wid = 5.5 Min Req = 1.5 (Truss)
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings S & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	E - F	0	-1770
B - C	0	-979	F - G	0	-1567
C - D	0	-1566	G - H	0	-978
D - E	0	-1771	H - I	3	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
S - R	574	0	O - N	1771	0
R - Q	1357	0	N - M	1745	0
Q - P	1769	0	M - L	1361	0
P - O	1769	0	L - K	573	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
T - S	4	-75	N - F	261	-140
A - T	0	-39	F - M	0	-320
S - B	0	-1002	M - G	373	0
B - R	729	0	G - L	0	-689
R - C	0	-682	L - H	730	0
C - Q	402	0	H - K	0	-1000
Q - D	0	-446	I - J	0	-38
D - O	156	-64	K - J	4	-34
E - N	33	-130	J - K	0	-39

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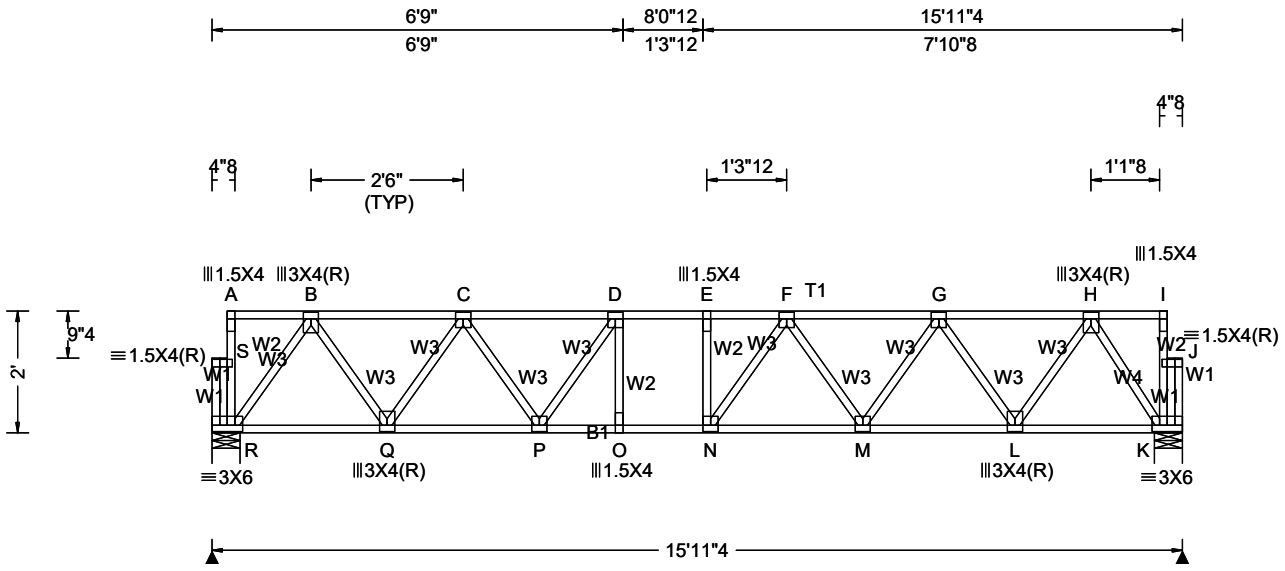
Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F18	Ply: 1 Qty: 3 Wgt: 113.4 lbs	SEQN: 81462 / T21 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.098	E	999	480
VERT(TL): 0.155	E	999	360
HORZ(LL): 0.020	K	-	-
HORZ(TL): 0.030	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.527
Max BC CSI: 0.682
Max Web CSI: 0.353
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
R	878	/-	/-	/-	/-	/-
K	878	/-	/-	/-	/-	/-

R Brg Wid = 5.5 Min Req = 1.5 (Truss)
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings R & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	E - F	0	-1752
B - C	0	-972	F - G	0	-1534
C - D	0	-1553	G - H	0	-933
D - E	0	-1753	H - I	3	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	571	0	N - M	1718	0
Q - P	1347	0	M - L	1321	0
P - O	1752	0	L - K	521	0
O - N	1753	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
S - R	4	-75	N - F	272	-127
A - S	0	-39	F - M	0	-332
R - B	0	-996	M - G	384	0
B - Q	724	0	G - L	0	-701
Q - C	0	-676	L - H	741	0
C - P	397	0	H - K	0	-975
P - D	0	-440	I - J	0	-29
D - O	152	-67	K - J	3	-33
E - N	26	-136	J - K	0	-31

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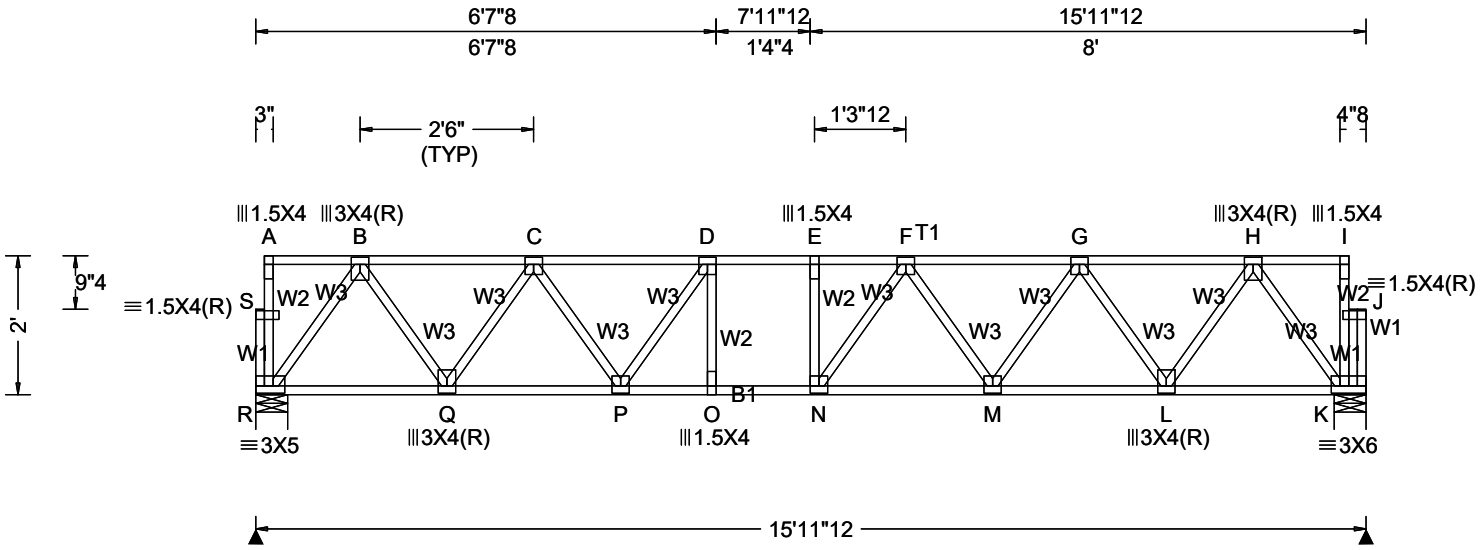
Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F19	Ply: 1 Qty: 7 Wgt: 110.6 lbs	SEQN: 81463 / T23 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)
TCLL: 55.00
TCDL: 20.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 85.00
NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.103	E	999	480
VERT(TL): 0.164	E	999	360
HORZ(LL): 0.020	K	-	-
HORZ(TL): 0.032	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.428
Max BC CSI: 0.714
Max Web CSI: 0.351
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
R	886 /-	/-	/-	/-	/-
K	888 /-	/-	/-	/-	/-

R Brg Wid = 5.5 Min Req = 1.5
K Brg Wid = 5.5 Min Req = 1.5
Bearings R & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	E - F	0	-1788
B - C	0	-985	F - G	0	-1580
C - D	0	-1579	G - H	0	-985
D - E	0	-1789	H - I	3	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	578	0	N - M	1760	0
Q - P	1366	0	M - L	1370	0
P - O	1788	0	L - K	576	0
O - N	1789	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
S - R	0	-61	N - F	269	-137
A - S	0	-39	F - M	0	-325
R - B	0	-1008	M - G	379	0
B - Q	734	0	G - L	0	-695
Q - C	0	-687	L - H	736	0
C - P	409	0	H - K	0	-1006
P - D	0	-458	I - J	0	-38
D - O	160	-63	K - J	4	-34
E - N	30	-137	J - K	0	-39

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

Plating Notes
All plates are 3X3 except as noted.

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

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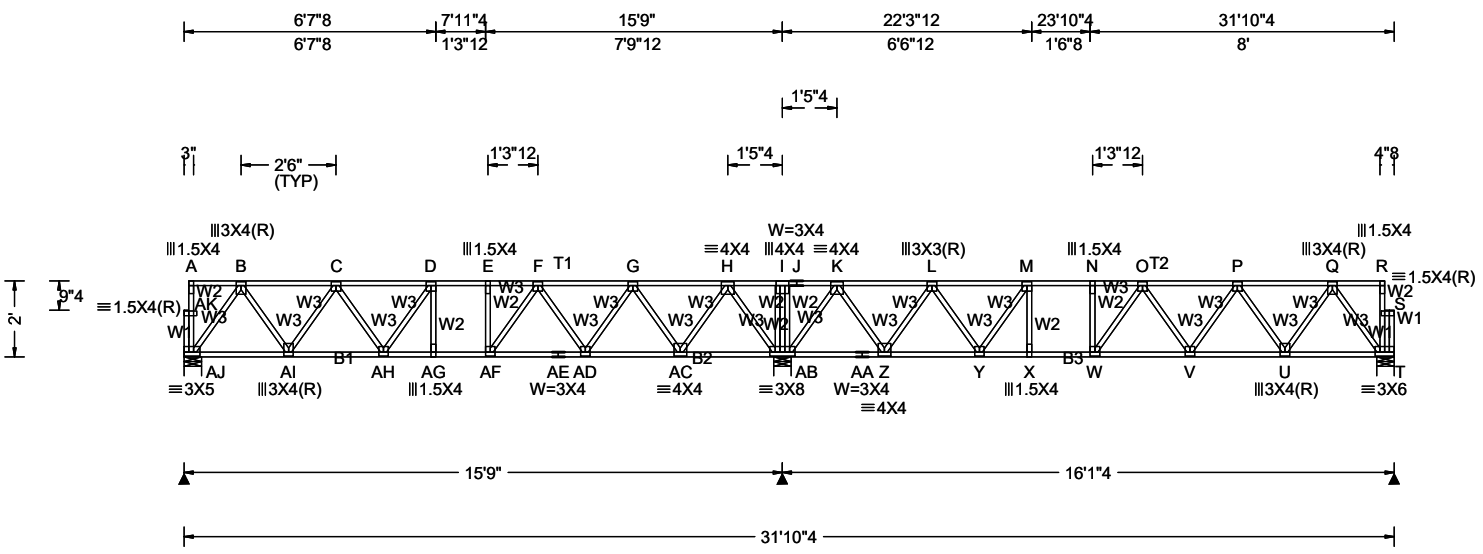
Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F20	Ply: 1 Qty: 9 Wgt: 215.6 lbs	SEQN: 81464 / T12 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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):	0.125 N	999	480
VERT(TL):	0.199 W	950	360
HORZ(LL):	0.026 T	-	-
HORZ(TL):	0.041 T	-	-

Creep Factor: 2.0
Max TC CSI: 0.652
Max BC CSI: 0.883
Max Web CSI: 0.415
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

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

Plating Notes
All plates are 3X3 except as noted.

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

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AJ	825 / -	/ -	/ -	/ -	/ -
AB	2010 / -	/ -	/ -	/ -	/ -
T	857 / -	/ -	/ -	/ -	/ -

AJ Brg Wid = 5.5 Min Req = 1.5
AB Brg Wid = 5.5 Min Req = 1.5
T Brg Wid = 5.5 Min Req = 1.5
Bearings AJ, AB, & T are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	J - K	1033	0
B - C	0	-885	K - L	209	-531
C - D	0	-1378	L - M	0	-1235
D - E	0	-1512	M - N	0	-1530
E - F	0	-1508	N - O	0	-1530
F - G	0	-1178	O - P	0	-1433
G - H	145	-493	P - Q	0	-905
H - I	1033	0	Q - R	3	0
I - J	1033	0			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AJ-AI	525	0	AB-AA	80	-431
AI-AH	1221	0	AA- Z	80	-431
AH-AG	1512	0	Z - Y	962	-29
AG-AF	1512	0	Y - X	1526	0
AF-AE	1410	0	X - W	1530	0
AE-AD	1410	0	W - V	1568	0
AD-AC	925	0	V - U	1256	0
AC-AB	43	-367	U - T	535	0

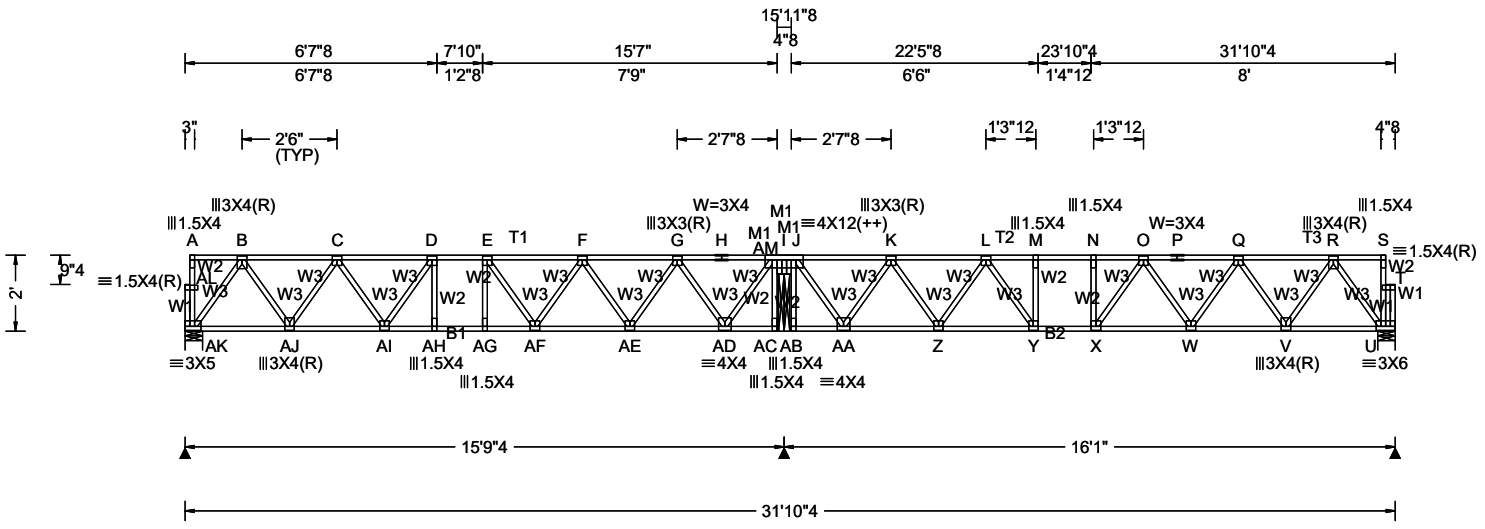
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AK-AJ	0	-62	AB- K	0	-1159
A -AK	0	-41	K - Z	867	0
AJ- B	0	-917	Z - L	0	-829
B -AI	650	0	L - Y	560	0
AI- C	0	-605	Y - M	0	-632
C -AH	301	0	M - X	238	0
AH- D	36	-311	N - W	94	-81
D -AG	92	-135	W - O	136	-282
E -AF	0	-205	O - V	6	-244
AF- F	416	0	V - P	319	0

Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F20	Ply: 1 Qty: 9 Wgt: 215.6 lbs	SEQN: 81464 / T12 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

F -AD	0	-486	P - U	0	-632
AD- G	513	0	U - Q	668	0
G -AC	0	-839	Q - T	0	-938
AC- H	872	0	R - S	0	-37
H -AB	0	-1146	T - S	4	-34
I -AB	0	-147	S - T	0	-39

Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F21	Ply: 1 Qty: 5 Wgt: 217.0 lbs	SEQN: 81465 / T17 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf) TCLL: 55.00 TCDL: 20.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 85.00 NCBCLL: 0.00 Soffit: 0.00 Load Duration: 1.00 Spacing: 16.0 "	**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 2018 TPI Std: 2014 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): 0.109 N 999 480 VERT(TL): 0.174 N 999 360 HORZ(LL): -0.025 R - - HORZ(TL): 0.043 R - - Creep Factor: 2.0 Max TC CSI: 0.564 Max BC CSI: 0.804 Max Web CSI: 0.451 Mfg Specified Camber: VIEW Ver: 23.02.04A.0207.10

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲ Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
AK	894	/-	/-	/-	/-	/-
AM	1808	/-	/-	/-	/-	/-
U	919	/-	/-	/-	/-	/-

AK Brg Wid = 5.5 Min Req = 1.5
AM Brg Wid = 3.5 Min Req = 1.5
U Brg Wid = 5.5 Min Req = 1.5
Bearings AK, AM, & U are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - K	0	-571	K - L	0	-1355
A - B	1	0	L - M	0	-1805
B - C	0	-979	M - N	0	-1811
C - D	0	-1564	N - O	0	-1809
D - E	0	-1776	O - P	0	-1596
E - F	0	-1717	P - Q	0	-1596
F - G	0	-1339	Q - R	0	-991
G - H	0	-560	R - S	3	0
H - I	0	-560			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AK-AJ	574	0	AB-AA	11	-15
AJ-AI	1356	0	AA- Z	1060	0
AI-AH	1773	0	Z - Y	1634	0
AH-AG	1776	0	Y - X	1811	0
AG-AF	1778	0	X - W	1779	0
AF-AE	1616	0	W - V	1381	0
AE-AD	1041	0	V - U	578	0
AD-AC	11	-15			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL-AK	0	-61	AM-AC	7	0
A -AL	0	-39	AM- J	0	-1052
AK- B	0	-1002	AM-AB	8	0
B -AJ	730	0	AA- K	0	-881
AJ- C	0	-681	K - Z	546	0
C -AI	394	0	Z - L	0	-521
AI- D	0	-450	L - Y	459	0
D -AH	201	-77	Y - M	0	-262
AG- E	105	-173	N - X	53	-162
E -AF	71	-274	X - O	273	-144

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

Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F21	Ply: 1 Qty: 5 Wgt: 217.0 lbs	SEQN: 81465 / T17 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

AF- F	264	0	O - W	0	- 331
F -AE	0	- 514	W - Q	387	0
AE- G	552	0	Q - V	0	- 703
G -AD	0	- 866	V - R	744	0
AD- I	929	0	R - U	0	- 1014
I -AM	8	- 1053	S - T	0	- 38
J -AM	9	0	U - T	4	- 34
J -AA	948	0	T - U	0	- 39

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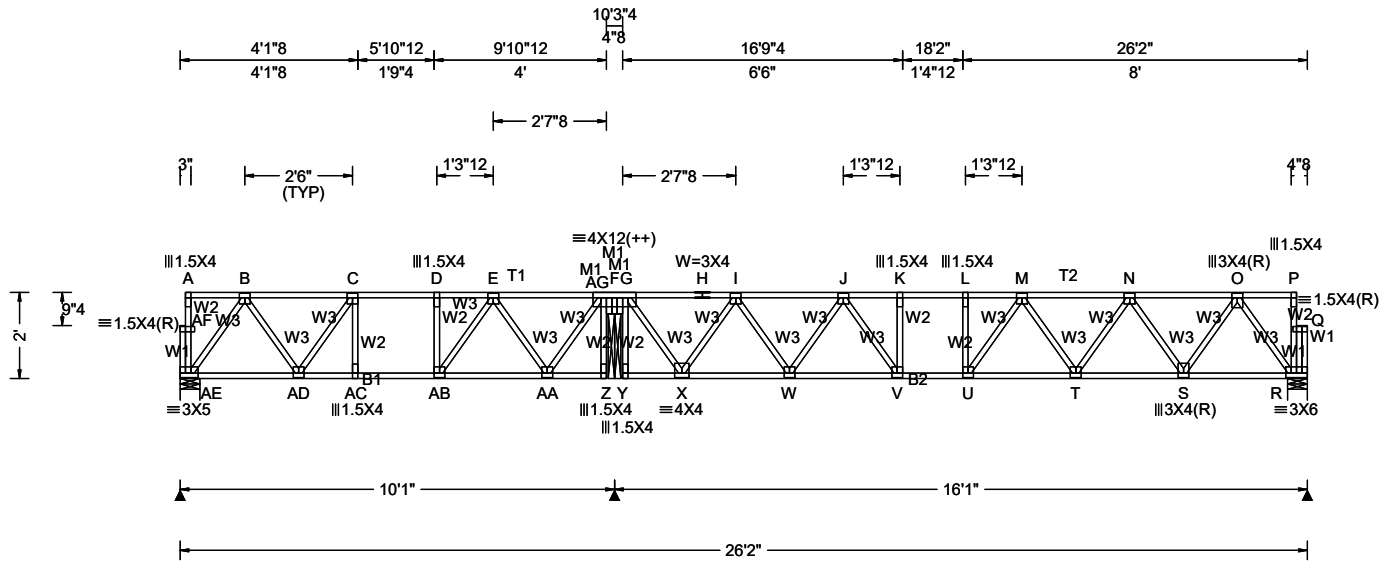
Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F22	Ply: 1 Qty: 4 Wgt: 179.2 lbs	SEQN: 81466 / T10 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 55.00	Wind Std: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 20.00	Speed: NA mph	Pf: NA Ce: NA	VERT(LL): 0.110 L 999 480
BCLL: 0.00	Enclosure: NA	Lu: NA Cs: NA	VERT(TL): 0.174 L 999 360
BCDL: 10.00	Category: NA	Snow Duration: NA	HORZ(LL): -0.026 O - -
Des Ld: 85.00	EXP: NA		HORZ(TL): 0.043 O - -
NCBCLL: 0.00	Mean Height: NA ft	**Code / Misc Criteria**	Creep Factor: 2.0
Soffit: 0.00	TCDL: NA psf	Bldg Code: IBC 2018	Max TC CSI: 0.577
Load Duration: 1.00	BCDL: NA psf	TPI Std: 2014	Max BC CSI: 0.675
Spacing: 16.0 "	MWFRS Parallel Dist: NA	Rep Factors Used: Yes	Max Web CSI: 0.453
	C&C Dist a: NA ft	FT/RT:12(0)/10(0)	Mfg Specified Camber:
	Loc. from endwall: NA	Plate Type(s):	
	I: NA GCpi: NA	WAVE	VIEW Ver: 23.02.04A.0207.10
	Wind Duration: NA		

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲ Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
AE	570	/-	/-	/-	/-	/-
AG	1488	/-	/-	/-	/-	/-
R	920	/-	/-	/-	/-	/-

AE Brg Wid = 5.5 Min Req = 1.5
AG Brg Wid = 3.5 Min Req = 1.5
R Brg Wid = 5.5 Min Req = 1.5
Bearings AE, AG, & R are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
F - H	0	-576	I - J	0	-1360
A - B	1	0	J - K	0	-1808
B - C	0	-534	K - L	0	-1815
C - D	0	-693	L - M	0	-1813
D - E	0	-689	M - N	0	-1598
E - F	0	-314	N - O	0	-992
H - I	0	-576	O - P	3	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AE-AD	348	0	X - W	1067	0
AD-AC	693	0	W - V	1639	0
AC-AB	693	0	V - U	1815	0
AB-AA	577	0	U - T	1782	0
AA- Z	7	-16	T - S	1383	0
Y - X	13	-8	S - R	579	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AF-AE	0	-56	X - I	0	-885
A -AF	0	-35	I - W	539	0
AE- B	0	-609	W - J	0	-513
B -AD	334	0	J - V	456	0
AD- C	0	-295	V - K	0	-262
C -AC	70	-62	L - U	50	-163
D -AB	0	-185	U - M	275	-139
AB- E	330	0	M - T	0	-332
E -AA	0	-474	T - N	388	0
AA- F	520	0	N - S	0	-704
G -AG	9	0	S - O	745	0
G - X	952	0	O - R	0	-1015
F -AG	14	-807	P - Q	0	-38
AG- Z	13	0	R - Q	4	-34

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Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F22	Ply: 1 Qty: 4 Wgt: 179.2 lbs	SEQN: 81466 / T10 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

AG- G	0	-925	Q - R	0	-39		
AG- Y	8	0					

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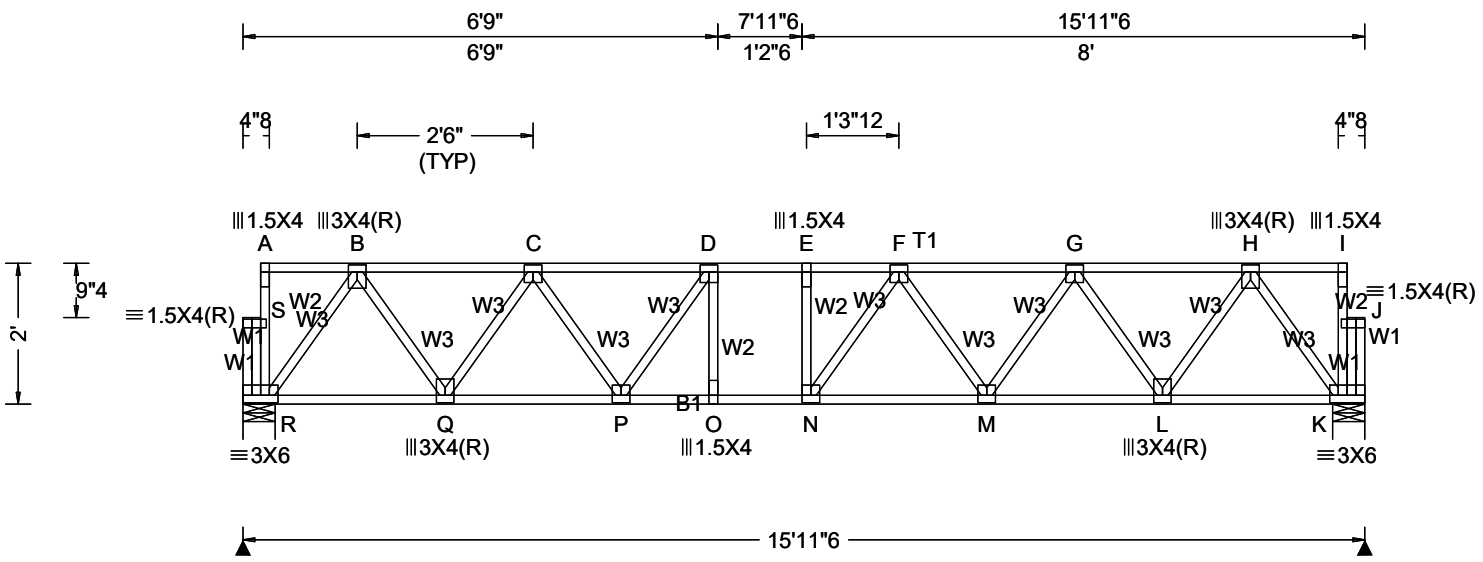
Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F23	Ply: 1 Qty: 11 Wgt: 113.4 lbs	SEQN: 81490 / T30 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.098	E	999	480
VERT(TL): 0.149	N	999	360
HORZ(LL): 0.020	K	-	-
HORZ(TL): 0.031	K	-	-

Creep Factor: 2.0
Max TC CSI: 0.449
Max BC CSI: 0.668
Max Web CSI: 0.345
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
R	879 /-	/-	/-	/-	/-
K	879 /-	/-	/-	/-	/-

R Brg Wid = 5.5 Min Req = 1.5 (Truss)
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings R & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	E - F	0	-1754
B - C	0	-973	F - G	0	-1556
C - D	0	-1554	G - H	0	-973
D - E	0	-1755	H - I	3	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	571	0	N - M	1731	0
Q - P	1349	0	M - L	1352	0
P - O	1754	0	L - K	570	0
O - N	1755	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
S - R	4	-75	N - F	254	-141
A - S	0	-39	F - M	0	-316
R - B	0	-997	M - G	367	0
B - Q	724	0	G - L	0	-684
Q - C	0	-677	L - H	726	0
C - P	396	0	H - K	0	-995
P - D	0	-436	I - J	0	-38
D - O	152	-66	K - J	4	-34
E - N	36	-124	J - K	0	-39

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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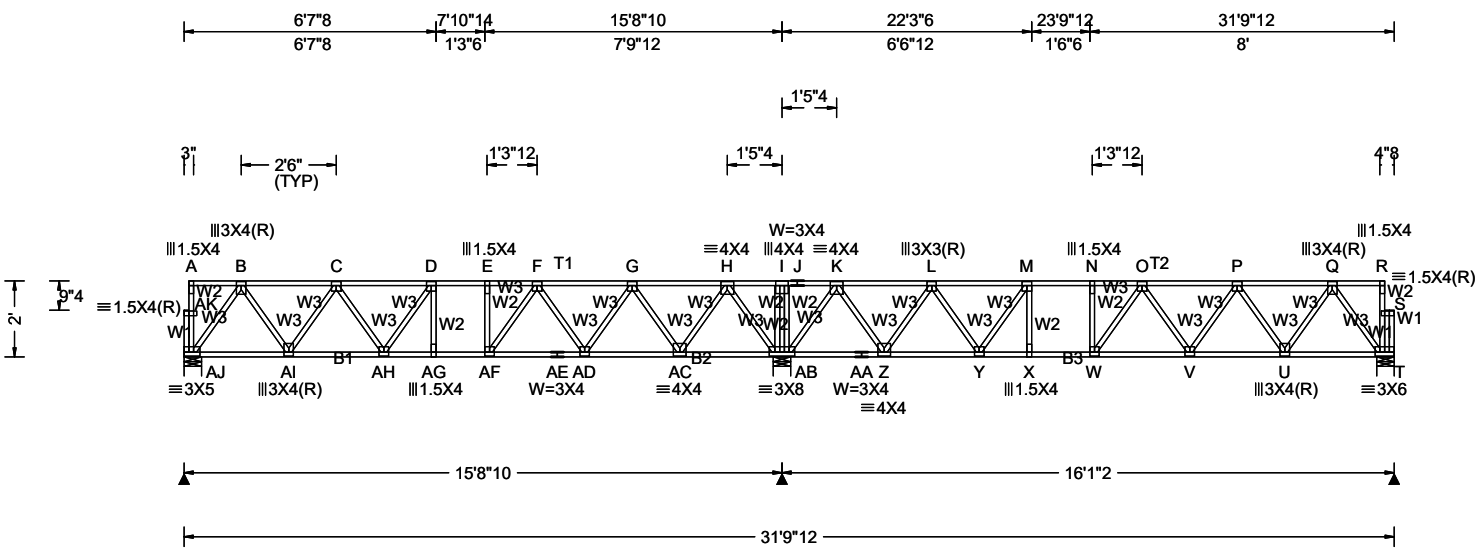
Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F24	Ply: 1 Qty: 8 Wgt: 215.6 lbs	SEQN: 81468 / T6 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.124	N	999	480
VERT(TL): 0.198	W	957	360
HORZ(LL): 0.026	T	-	-
HORZ(TL): 0.041	T	-	-

Creep Factor: 2.0
Max TC CSI: 0.648
Max BC CSI: 0.878
Max Web CSI: 0.414
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AJ	823 /-	/-	/-	/-	/-
AB	2008 /-	/-	/-	/-	/-
T	856 /-	/-	/-	/-	/-

AJ Brg Wid = 5.5 Min Req = 1.5
AB Brg Wid = 5.5 Min Req = 1.5
T Brg Wid = 5.5 Min Req = 1.5
Bearings AJ, AB, & T are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	J - K	1033	0
B - C	0	-882	K - L	209	-528
C - D	0	-1372	L - M	0	-1232
D - E	0	-1504	M - N	0	-1526
E - F	0	-1501	N - O	0	-1526
F - G	0	-1173	O - P	0	-1430
G - H	149	-489	P - Q	0	-904
H - I	1033	0	Q - R	3	0
I - J	1033	0			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AJ-AI	523	0	AB-AA	76	-432
AI-AH	1217	0	AA- Z	76	-432
AH-AG	1505	0	Z - Y	958	-29
AG-AF	1504	0	Y - X	1522	0
AF-AE	1404	0	X - W	1526	0
AE-AD	1404	0	W - V	1564	0
AD-AC	921	0	V - U	1254	0
AC-AB	40	-366	U - T	534	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AK-AJ	0	-62	AB- K	0	-1158
A -AK	0	-41	K - Z	866	0
AJ- B	0	-914	Z - L	0	-828
B -AI	647	0	L - Y	559	0
AI- C	0	-603	Y - M	0	-630
C -AH	299	0	M - X	237	0
AH- D	39	-309	N - W	94	-79
D -AG	91	-135	W - O	134	-281
E -AF	0	-202	O - V	6	-242
AF- F	413	-1	V - P	318	0

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F24	Ply: 1 Qty: 8 Wgt: 215.6 lbs	SEQN: 81468 / T6 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

F -AD	0	-484	P - U	0	-630
AD- G	511	0	U - Q	667	0
G -AC	0	-837	Q - T	0	-937
AC- H	870	0	R - S	0	-37
H -AB	0	-1144	T - S	4	-34
I -AB	0	-147	S - T	0	-39

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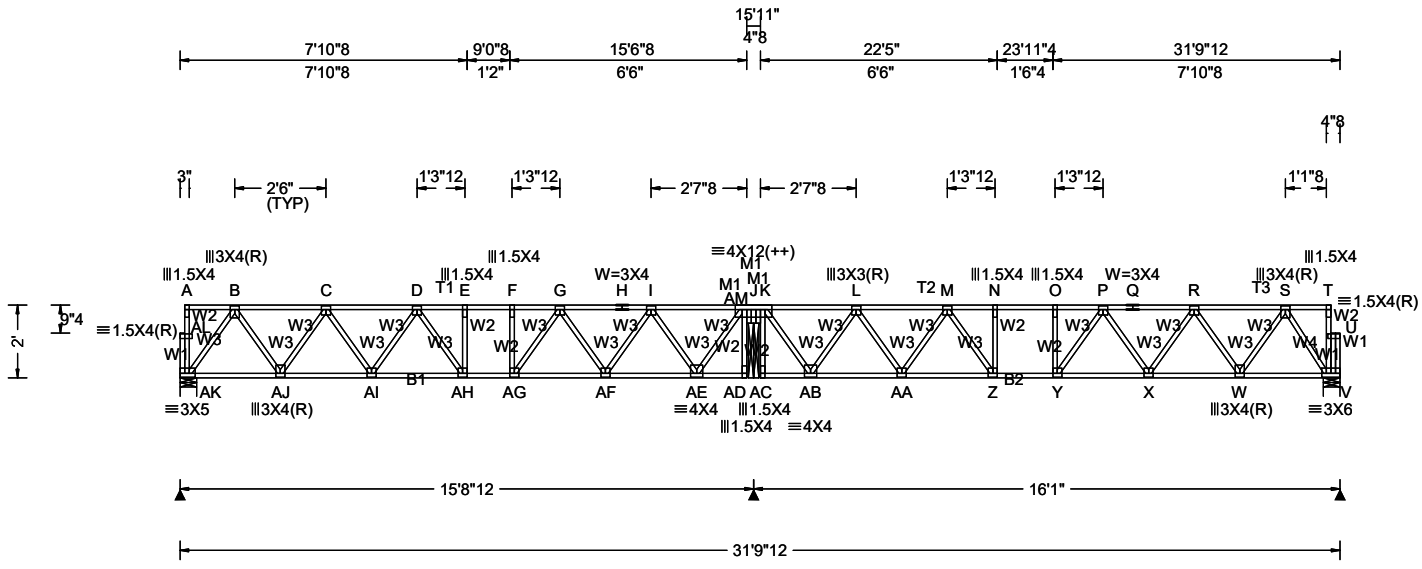
Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F25	Ply: 1 Qty: 5 Wgt: 217.0 lbs	SEQN: 81469 / T22 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.110	O	999	480
VERT(TL): 0.175	O	999	360
HORZ(LL): 0.022	B	-	-
HORZ(TL): 0.036	S	-	-

Creep Factor: 2.0
Max TC CSI: 0.547
Max BC CSI: 0.695
Max Web CSI: 0.452
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲ Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
AK	892	/-	/-	/-	/-	/-
AM	1805	/-	/-	/-	/-	/-
V	919	/-	/-	/-	/-	/-

AK Brg Wid = 5.5 Min Req = 1.5
AM Brg Wid = 3.5 Min Req = 1.5
V Brg Wid = 5.5 Min Req = 1.5
Bearings AK, AM, & V are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - L	0	-572	I - J	0	-562
A - B	1	0	L - M	0	-1355
B - C	0	-975	M - N	0	-1806
C - D	0	-1562	N - O	0	-1812
D - E	0	-1760	O - P	0	-1810
E - F	0	-1761	P - Q	0	-1575
F - G	0	-1756	Q - R	0	-1575
G - H	0	-1329	R - S	0	-951
H - I	0	-1329	S - T	3	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AK-AJ	571	0	AC-AB	11	-14
AJ-AI	1356	0	AB-AA	1061	0
AI-AH	1737	0	AA- Z	1635	0
AH-AG	1761	0	Z - Y	1812	0
AG-AF	1599	0	Y - X	1768	0
AF-AE	1042	0	X - W	1351	0
AE-AD	11	-15	W - V	529	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL-AK	0	-59	AM-AD	8	0
A -AL	0	-38	AM- K	0	-1054
AK- B	0	-998	AM-AC	8	0
B -AJ	728	0	AB- L	0	-882
AJ- C	0	-687	L -AA	545	0
C -AI	370	0	AA- M	0	-519
AI- D	0	-317	M - Z	465	0
D -AH	249	-149	Z - N	0	-268
AH- E	60	-145	O - Y	41	-175
F -AG	0	-240	Y - P	292	-127
AG- G	425	0	P - X	0	-348

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

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Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F25	Ply: 1 Qty: 5 Wgt: 217.0 lbs	SEQN: 81469 / T22 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

G -AF	0	- 503	X - R	404	0
AF- I	531	0	R - W	0	- 721
I -AE	0	- 866	W - S	760	0
AE- J	932	0	S - V	0	- 994
K -AM	9	0	T - U	0	- 29
K -AB	948	0	V - U	3	- 33
J -AM	9	- 1049	U - V	0	- 32

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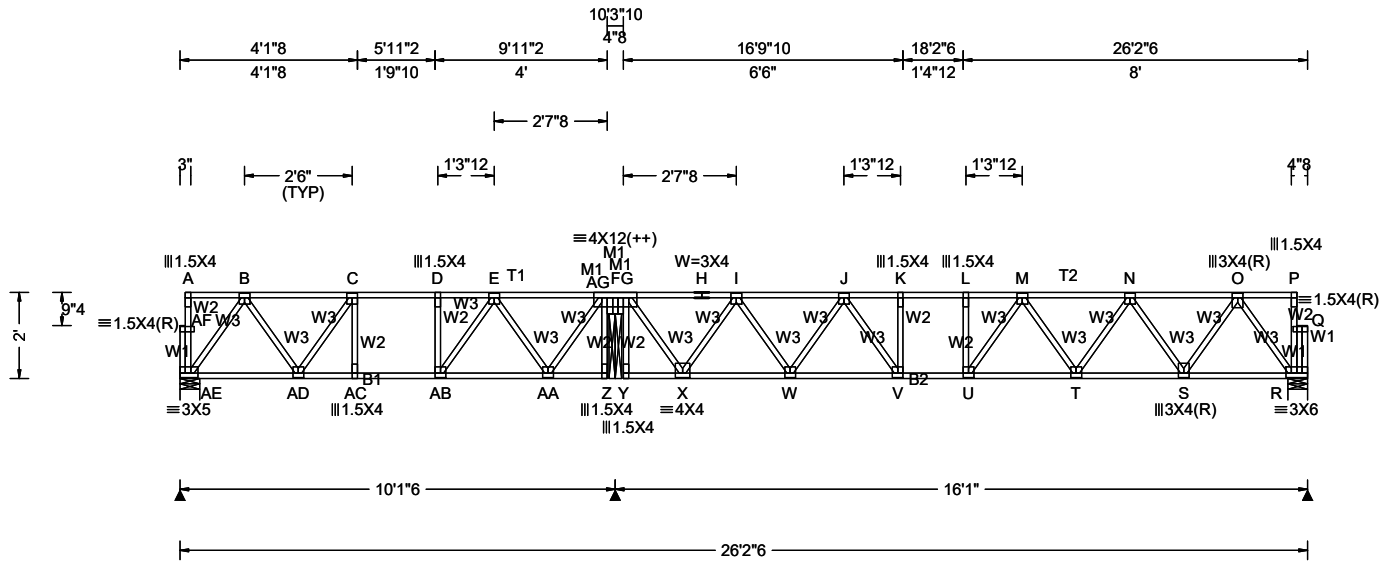
Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F26	Ply: 1 Qty: 4 Wgt: 179.2 lbs	SEQN: 81470 / T24 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)
TCLL: 55.00
TCDL: 20.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 85.00
NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.110	L	999	480
VERT(TL): 0.174	L	999	360
HORZ(LL): -0.027	O	-	-
HORZ(TL): 0.044	O	-	-

Creep Factor: 2.0
Max TC CSI: 0.577
Max BC CSI: 0.675
Max Web CSI: 0.453
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AE	571 / -	-	-	-	-
AG	1490 / -	-	-	-	-
R	920 / -	-	-	-	-

AE Brg Wid = 5.5 Min Req = 1.5
AG Brg Wid = 3.5 Min Req = 1.5
R Brg Wid = 5.5 Min Req = 1.5
Bearings AE, AG, & R are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
F - H	0	-576	I - J	0	-1360
A - B	1	0	J - K	0	-1809
B - C	0	-536	K - L	0	-1815
C - D	0	-697	L - M	0	-1813
D - E	0	-693	M - N	0	-1598
E - F	0	-316	N - O	0	-992
H - I	0	-576	O - P	3	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AE-AD	350	0	X - W	1067	0
AD-AC	697	0	W - V	1639	0
AC-AB	697	0	V - U	1815	0
AB-AA	580	0	U - T	1782	0
AA- Z	7	-16	T - S	1383	0
Y - X	13	-8	S - R	579	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AF-AE	0	-56	X - I	0	-885
A -AF	0	-35	I - W	539	0
AE- B	0	-611	W - J	0	-513
B -AD	337	0	J - V	456	0
AD- C	0	-298	V - K	0	-262
C -AC	70	-61	L - U	50	-163
D -AB	0	-188	U - M	275	-139
AB- E	333	0	M - T	0	-332
E -AA	0	-476	T - N	388	0
AA- F	522	0	N - S	0	-704
G -AG	9	0	S - O	745	0
G - X	952	0	O - R	0	-1015
F -AG	14	-809	P - Q	0	-38
AG- Z	13	0	R - Q	4	-34

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

Plating Notes
All plates are 3X3 except as noted.
(++) - This plate works for both joints covered.

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

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Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F26	Ply: 1 Qty: 4 Wgt: 179.2 lbs	SEQN: 81470 / T24 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

AG- G	0	-926	Q - R	0	-39		
AG- Y	8	0					

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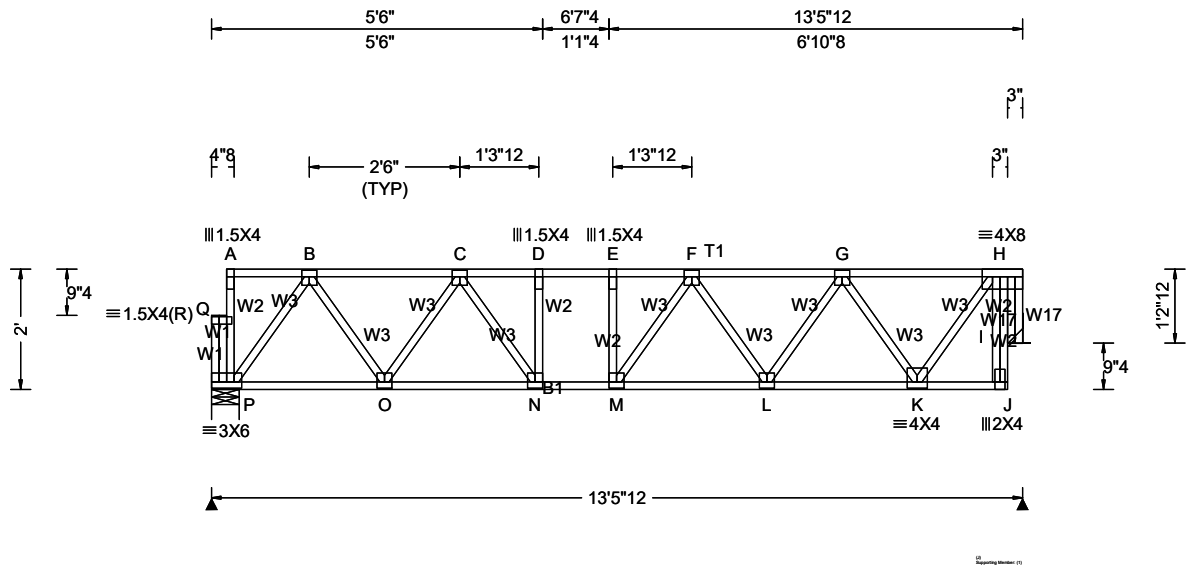
Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F27	Ply: 1 Qty: 9 Wgt: 102.2 lbs	SEQN: 81483 / T9 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.063	E	999	480
VERT(TL): 0.097	M	999	360
HORZ(LL): 0.011	J	-	-
HORZ(TL): 0.017	J	-	-

Creep Factor: 2.0
Max TC CSI: 0.418
Max BC CSI: 0.464
Max Web CSI: 0.347
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
P	735 / -	/ -	/ -	/ -	/ -
I	739 / -	/ -	/ -	/ -	/ -

P Brg Wid = 5.5 Min Req = 1.5 (Truss)
I Brg Wid = - Min Req = -
Bearing P is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	E - F	0	-1213
B - C	0	-772	F - G	0	-1034
C - D	0	-1208	G - H	0	-451
D - E	0	-1214			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
P - O	472	0	M - L	1198	0
O - N	1053	0	L - K	838	0
N - M	1214	0	K - J	47	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
Q - P	3	-70	M - F	197	-108
A - Q	0	-35	F - L	0	-297
P - B	0	-825	L - G	353	0
B - O	540	0	G - K	0	-697
O - C	0	-507	K - H	730	0
C - N	379	0	H - I	0	-722
N - D	0	-216	I - H	0	-14
E - M	38	-116	I - J	4	-1

Lumber

Value Set: NDS 2015

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

Plating Notes

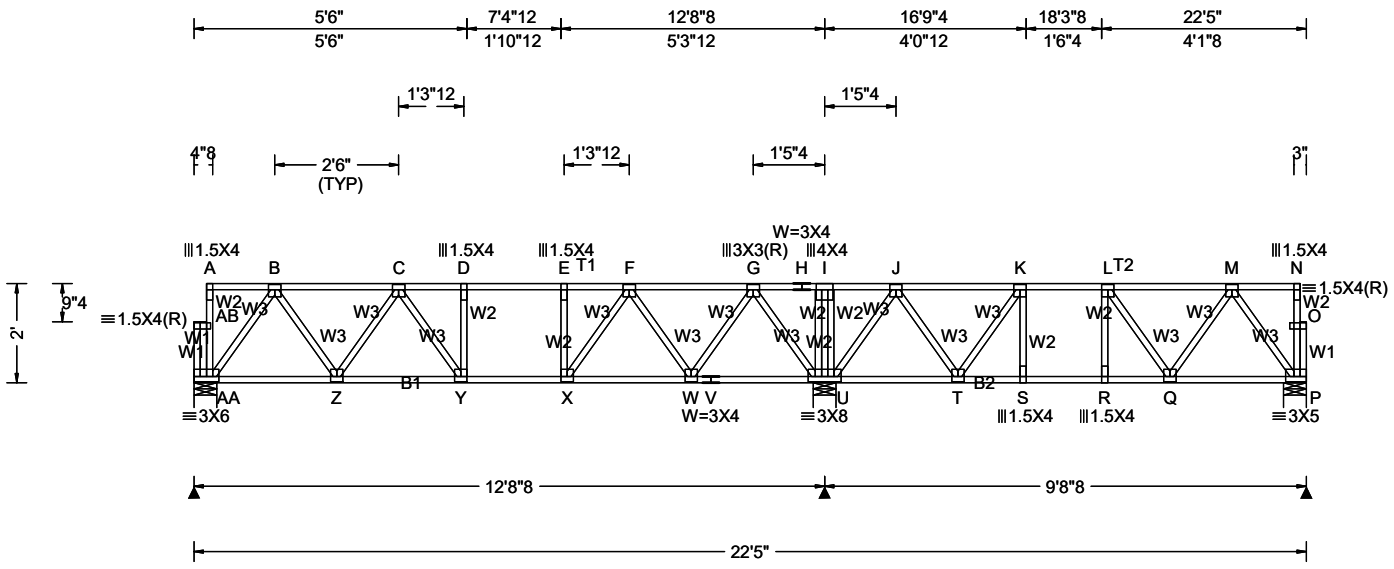
All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F28	Ply: 1 Qty: 6 Wgt: 159.6 lbs	SEQN: 81472 / T57 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)
TCLL: 55.00
TCDL: 20.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 85.00
NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.058	D	999	480
VERT(TL): 0.106	D	999	360
HORZ(LL): 0.017	B	-	-
HORZ(TL): 0.032	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.590
Max BC CSI: 0.468
Max Web CSI: 0.264
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AA	722 / -	/ -	/ -	/ -	/ -
U	1333 / -	/ -	/ -	/ -	/ -
P	552 / -	/ -	/ -	/ -	/ -

AA Brg Wid = 5.5 Min Req = 1.5
U Brg Wid = 5.5 Min Req = 1.5
P Brg Wid = 5.5 Min Req = 1.5
Bearings AA, U, & P are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	H - I	366	0
B - C	0	-720	I - J	366	0
C - D	0	-1081	J - K	0	-501
D - E	0	-1086	K - L	0	-658
E - F	0	-1080	L - M	0	-508
F - G	0	-681	M - N	1	0
G - H	366	0			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AA- Z	444	0	U - T	331	-51
Z - Y	969	0	T - S	657	0
Y - X	1086	0	S - R	658	0
X - W	947	0	R - Q	657	0
W - V	398	0	Q - P	337	0
V - U	398	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AB-AA	4	-72	I - U	0	-130
A -AB	0	-36	U - J	0	-659
AA- B	0	-779	J - T	400	0
B - Z	498	0	T - K	0	-412
Z - C	0	-450	K - S	141	-36
C - Y	291	0	R - L	69	-109
Y - D	0	-183	L - Q	0	-269
E - X	0	-236	Q - M	310	0
X - F	393	0	M - P	0	-589
F - W	0	-535	N - O	0	-33
W - G	554	0	P - O	0	-12
G - U	0	-846	O - P	0	-43

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

Plating Notes
All plates are 3X3 except as noted.

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

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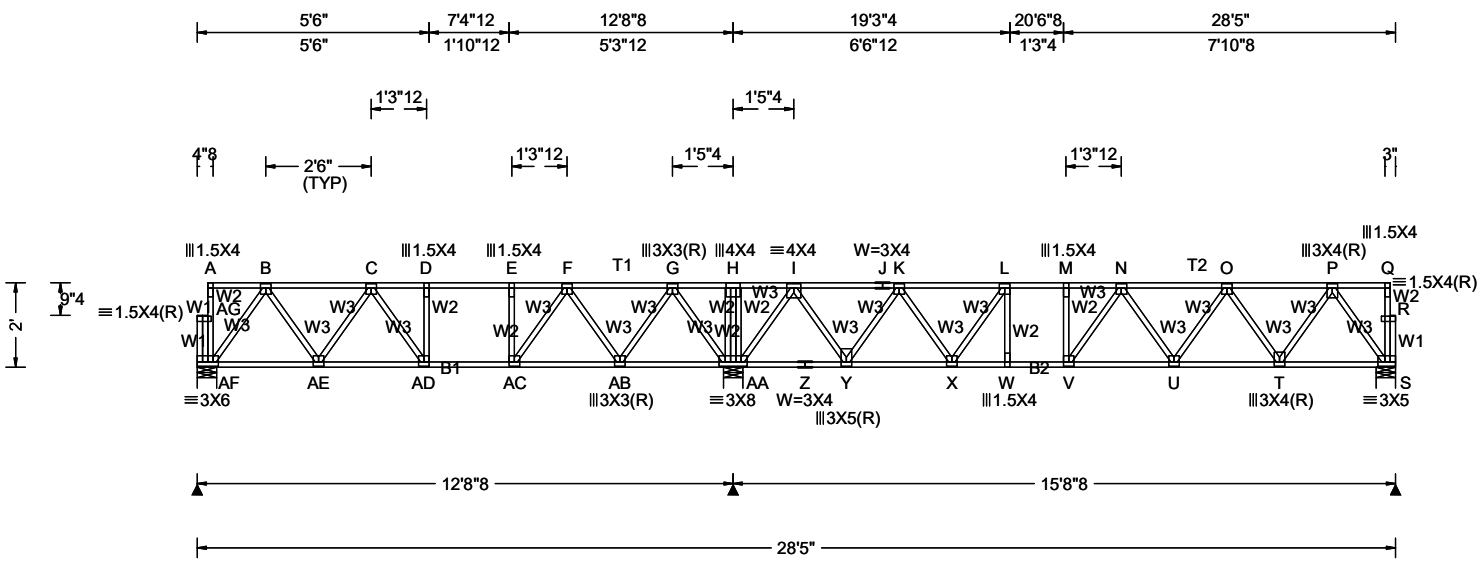
Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F29	Ply: 1 Qty: 5 Wgt: 197.4 lbs	SEQN: 81473 / T66 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.104	M	999	480
VERT(TL): 0.161	V	999	360
HORZ(LL): 0.023	S	-	-
HORZ(TL): 0.037	S	-	-

Creep Factor: 2.0
Max TC CSI: 0.704
Max BC CSI: 0.748
Max Web CSI: 0.387
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AF	687 / -	/ -	/ -	/ -	/ -
AA	1735 / -	/ -	/ -	/ -	/ -
S	865 / -	/ -	/ -	/ -	/ -

AF Brg Wid = 5.5 Min Req = 1.5 (Truss)
AA Brg Wid = 5.5 Min Req = 1.5 (Truss)
S Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings AF, AA, & S are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	I - J	0	- 781
B - C	0	- 675	J - K	0	- 781
C - D	0	- 970	K - L	0	- 1411
D - E	0	- 973	L - M	0	- 1645
E - F	0	- 967	M - N	0	- 1644
F - G	60	- 502	N - O	0	- 1492
G - H	694	0	O - P	0	- 939
H - I	694	0	P - Q	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AF-AE	420	0	Y - X	1179	0
AE-AD	898	0	X - W	1642	0
AD-AC	973	0	W - V	1645	0
AC-AB	794	0	V - U	1648	0
AB-AA	197	- 204	U - T	1303	0
AA- Z	364	- 85	T - S	553	0
Z - Y	364	- 85			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AG-AF	4	- 72	Y - K	0	- 777
A -AG	0	- 36	K - X	488	0
AF- B	0	- 738	X - L	0	- 547
B -AE	460	0	L - W	203	- 38
AE- C	0	- 402	M - V	81	- 102
C -AD	208	- 43	V - N	203	- 242
AD- D	28	- 137	N - U	0	- 281
E -AC	0	- 263	U - O	341	0
AC- F	444	0	O - T	0	- 656
F -AB	0	- 581	T - P	696	0
AB- G	588	0	P - S	0	- 966
G -AA	0	- 879	Q - R	0	- 38

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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

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Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F29	Ply: 1 Qty: 5 Wgt: 197.4 lbs	SEQN: 81473 / T66 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

H -AA	0	- 134	S - R	0	- 12
AA- I	0	- 1101	R - S	0	- 47
I - Y	813	0			

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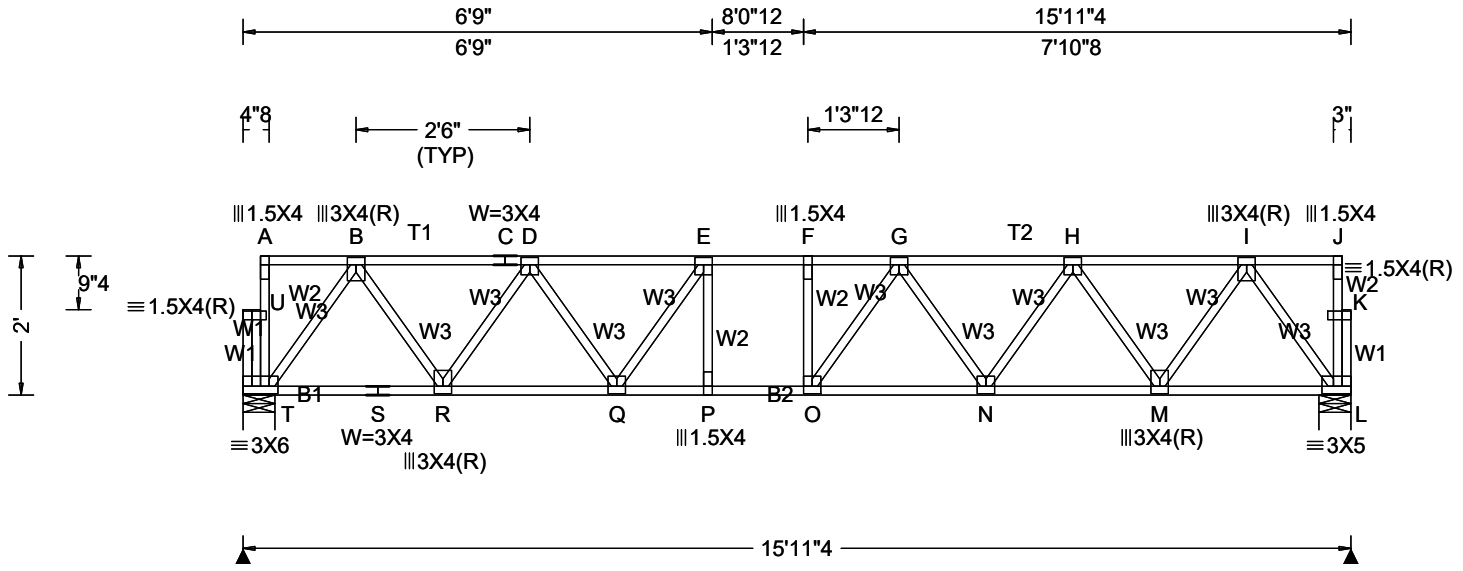
Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F29B	Ply: 1 Qty: 12 Wgt: 113.4 lbs	SEQN: 81481 / T3 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.102	F	999	480
VERT(TL): 0.160	F	999	360
HORZ(LL): 0.020	L	-	-
HORZ(TL): 0.031	L	-	-

Creep Factor: 2.0
Max TC CSI: 0.553
Max BC CSI: 0.703
Max Web CSI: 0.349
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

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

Plating Notes
All plates are 3X3 except as noted.

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

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
T	885 / -	/ -	/ -	/ -	/ -
L	884 / -	/ -	/ -	/ -	/ -

T Brg Wid = 5.5 Min Req = 1.5 (Truss)
L Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings T & L are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	F - G	0	-1779
B - C	0	-982	G - H	0	-1574
C - D	0	-982	H - I	0	-982
D - E	0	-1572	I - J	1	0
E - F	0	-1780			

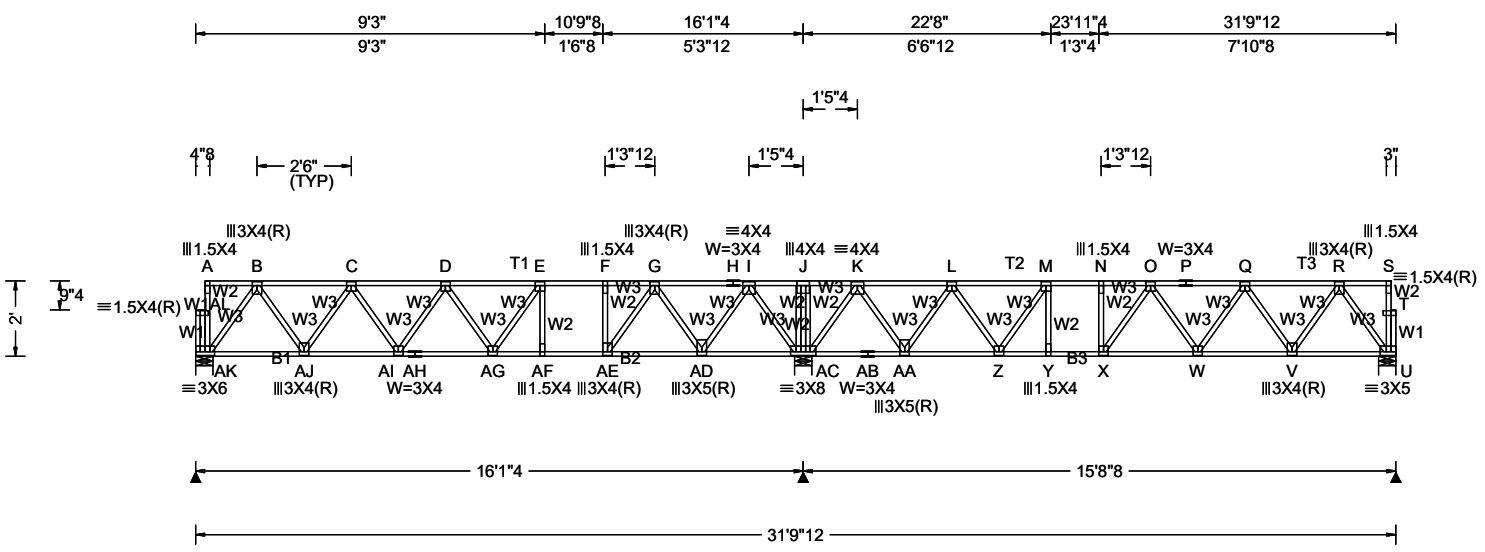
Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
T - S	576	0	P - O	1780	0
S - R	576	0	O - N	1753	0
R - Q	1361	0	N - M	1366	0
Q - P	1778	0	M - L	575	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
U - T	4	-75	O - G	265	-139
A - U	0	-39	G - N	0	-322
T - B	0	-1005	N - H	375	0
B - R	732	0	H - M	0	-692
R - D	0	-684	M - I	733	0
D - Q	406	0	I - L	0	-1003
Q - E	0	-452	J - K	0	-38
E - P	158	-64	L - K	0	-12
F - O	32	-133	K - L	0	-47

Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F30	Ply: 1 Qty: 8 Wgt: 215.6 lbs	SEQN: 81474 / T69 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)
TCLL: 55.00
TCDL: 20.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 85.00
NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.167	E	999	480
VERT(TL): 0.260	E	729	360
HORZ(LL): 0.037	B	-	-
HORZ(TL): 0.058	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.855
Max BC CSI: 0.874
Max Web CSI: 0.386
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AK	896 /-	/-	/-	/-	/-
AC	1913 /-	/-	/-	/-	/-
U	855 /-	/-	/-	/-	/-

AK Brg Wid = 5.5 Min Req = 1.5
AC Brg Wid = 5.5 Min Req = 1.5
U Brg Wid = 5.5 Min Req = 1.5
Bearings AK, AC, & U are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	J - K	698	0
B - C	0	-959	K - L	0	-711
C - D	0	-1534	L - M	0	-1357
D - E	0	-1713	M - N	0	-1600
E - F	0	-1591	N - O	0	-1600
F - G	0	-1580	O - P	0	-1465
G - H	46	-784	P - Q	0	-1465
H - I	46	-784	Q - R	0	-925
I - J	698	0	R - S	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AK-AJ	564	0	AC-AB	290	-44
AJ-AI	1327	0	AB-AA	290	-44
AI-AH	1727	0	AA- Z	1116	0
AH-AG	1727	0	Z - Y	1597	0
AG-AF	1599	0	Y - X	1600	0
AF-AE	1591	0	X - W	1614	0
AE-AD	1219	0	W - V	1282	0
AD-AC	373	-225	V - U	546	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL-AK	4	-71	AC- K	0	-1099
A -AL	0	-36	K -AA	811	0
AK- B	0	-989	AA- L	0	-778
B -AJ	712	0	L - Z	490	0
AJ- C	0	-664	Z - M	0	-535
C -AI	373	0	M - Y	197	-30
AI- D	0	-347	N - X	75	-93
D -AG	95	-134	X - O	183	-230
AG- E	358	-19	O - W	0	-268
E -AF	0	-311	W - Q	330	0

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2
Bot chord 4x2 SP #2 B2 4x2 SP #1;
Webs 4x2 SP #3

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F30	Ply: 1 Qty: 8 Wgt: 215.6 lbs	SEQN: 81474 / T69 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

F -AE	0	- 360	Q - V	0	- 644
AE- G	766	0	V - R	684	0
G -AD	0	- 839	R - U	0	- 953
AD- I	781	0	S - T	0	- 37
I -AC	0	- 1087	U - T	0	- 12
J -AC	0	- 135	T - U	0	- 47

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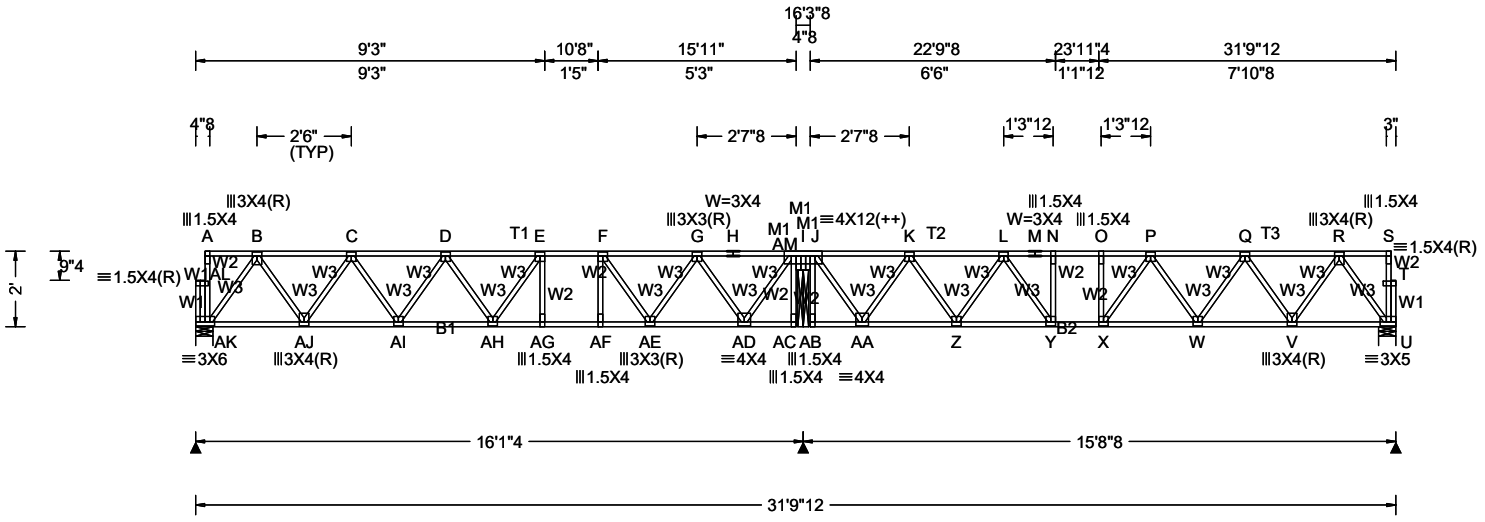
Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F31	Ply: 1 Qty: 2 Wgt: 217.0 lbs	SEQN: 81475 / T72 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.140	E	999	480
VERT(TL): 0.224	E	846	360
HORZ(LL): 0.030	B	-	-
HORZ(TL): 0.048	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.686
Max BC CSI: 0.882
Max Web CSI: 0.450
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
AK	920	/-	/-	/-	/-	/-
AM	1805	/-	/-	/-	/-	/-
U	891	/-	/-	/-	/-	/-

AK Brg Wid = 5.5 Min Req = 1.5
AM Brg Wid = 3.5 Min Req = 1.5
U Brg Wid = 5.5 Min Req = 1.5
Bearings AK, AM, & U are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - K	0	-561	K - L	0	-1327
A - B	3	0	L - M	0	-1751
B - C	0	-993	M - N	0	-1751
C - D	0	-1600	N - O	0	-1757
D - E	0	-1815	O - P	0	-1756
E - F	0	-1733	P - Q	0	-1558
F - G	0	-1366	Q - R	0	-973
G - H	0	-572	R - S	1	0
H - I	0	-572			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AK-AJ	581	0	AB-AA	11	-15
AJ-AI	1378	0	AA- Z	1041	0
AI-AH	1806	0	Z - Y	1596	0
AH-AG	1740	0	Y - X	1757	0
AG-AF	1733	0	X - W	1733	0
AF-AE	1724	0	W - V	1354	0
AE-AD	1053	0	V - U	570	0
AD-AC	13	-14			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL-AK	4	-72	AM-AC	6	0
A -AL	0	-36	AM- J	0	-1042
AK- B	0	-1018	AM-AB	8	0
B -AJ	742	0	AA- K	0	-865
AJ- C	0	-695	K - Z	530	0
C -AI	400	0	Z - L	0	-502
AI- D	0	-372	L - Y	422	0
D -AH	153	-77	Y - N	0	-238
AH- E	274	-114	O - X	60	-143
E -AG	6	-299	X - P	246	-150

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2
Bot chord 4x2 SP #1 B2 4x2 SP #2;
Webs 4x2 SP #3
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

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Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F31	Ply: 1 Qty: 2 Wgt: 217.0 lbs	SEQN: 81475 / T72 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

AF- F	329	0	P - W	0	- 316
F -AE	0	- 690	W - Q	369	0
AE- G	578	0	Q - V	0	- 685
G -AD	0	- 868	V - R	727	0
AD- I	945	0	R - U	0	- 996
I -AM	8	- 1060	S - T	0	- 38
J -AM	9	0	U - T	0	- 12
J -AA	930	0	T - U	0	- 47

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

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

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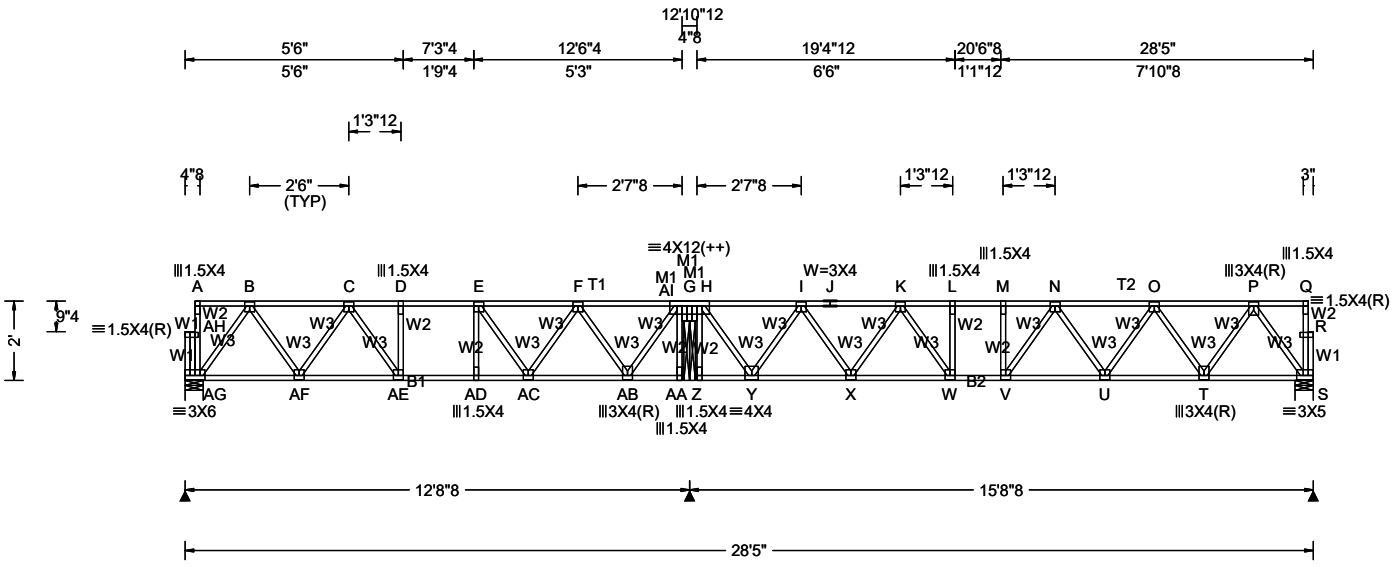
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F32	Ply: 1 Qty: 3 Wgt: 198.8 lbs	SEQN: 81476 / T71 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.100	M	999	480
VERT(TL): 0.160	M	999	360
HORZ(LL): -0.027	P	-	-
HORZ(TL): 0.046	P	-	-

Creep Factor: 2.0
Max TC CSI: 0.564
Max BC CSI: 0.602
Max Web CSI: 0.444
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
AG	727 / -	/ -	/ -	/ -	/ -
AI	1614 / -	/ -	/ -	/ -	/ -
S	891 / -	/ -	/ -	/ -	/ -

AG Brg Wid = 5.5 Min Req = 1.5
AI Brg Wid = 3.5 Min Req = 1.5
S Brg Wid = 5.5 Min Req = 1.5
Bearings AG, AI, & S are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
G - I	0	- 564	J - K	0	- 1330
A - B	3	0	K - L	0	- 1753
B - C	0	- 726	L - M	0	- 1759
C - D	0	- 1103	M - N	0	- 1758
D - E	0	- 1107	N - O	0	- 1560
E - F	0	- 959	O - P	0	- 974
F - G	0	- 426	P - Q	1	0
I - J	0	- 1330			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AG-AF	447	0	Y - X	1045	0
AF-AE	982	0	X - W	1599	0
AE-AD	1107	0	W - V	1759	0
AD-AC	1107	0	V - U	1735	0
AC-AB	786	0	U - T	1355	0
AB-AA	8	- 15	T - S	571	0
Z - Y	12	- 11			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AH-AG	4	- 71	AI- Z	8	0
A -AH	0	- 35	Y - I	0	- 867
AG- B	0	- 785	I - X	526	0
B -AF	503	0	X - K	0	- 498
AF- C	0	- 462	K - W	421	0
C -AE	340	0	W - L	0	- 238
AE- D	0	- 187	M - V	59	- 144
AD- E	99	- 73	V - N	248	- 147
E -AC	0	- 360	N - U	0	- 316
AC- F	342	0	U - O	370	0
F -AB	0	- 650	O - T	0	- 686
AB- G	706	0	T - P	727	0

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Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F32	Ply: 1 Qty: 3 Wgt: 198.8 lbs	SEQN: 81476 / T71 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

G -AI	9	-904	P - S	0	-997
H -AI	9	0	Q - R	0	-38
H - Y	933	0	S - R	0	-12
AI-AA	8	0	R - S	0	-47
AI- H	0	-975			

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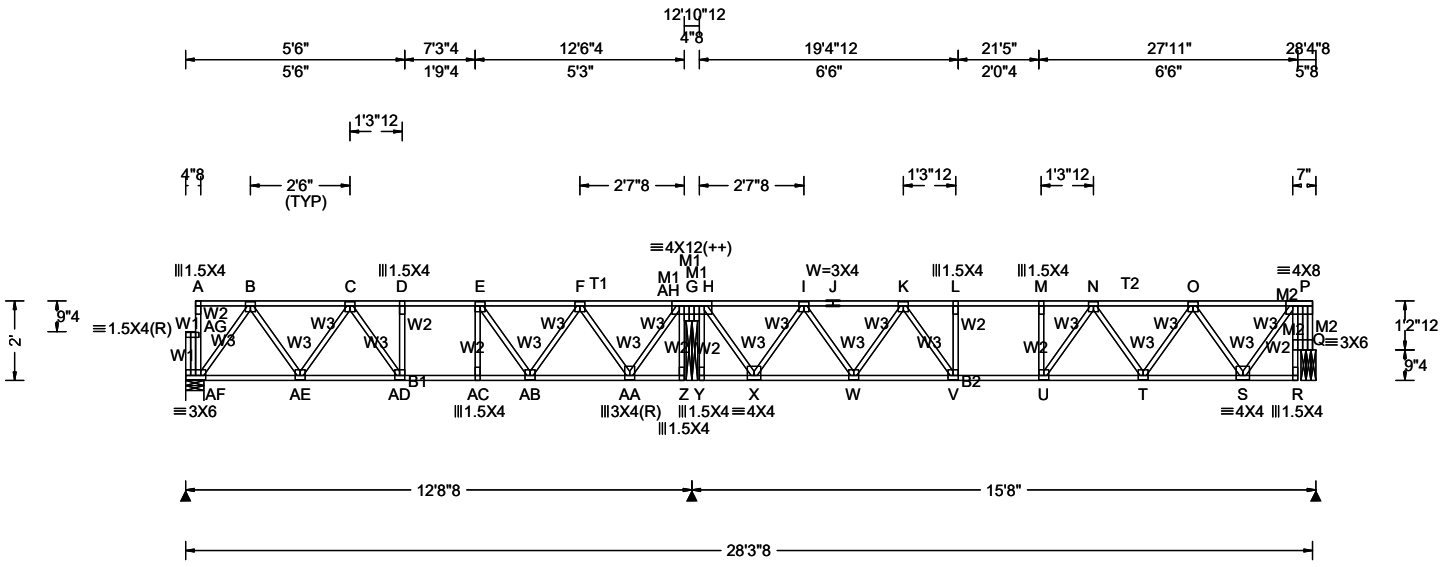
Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F33	Ply: 1 Qty: 4 Wgt: 200.2 lbs	SEQN: 81477 / T26 / SY42 FROM: Page 1 of 2	DRW: ... / ... 06/11/2024



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 55.00	Wind Std: NA	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 20.00	Speed: NA mph	Pf: NA Ce: NA	VERT(LL): 0.106 M 999 480
BCLL: 0.00	Enclosure: NA	Lu: NA Cs: NA	VERT(TL): 0.182 M 999 360
BCDL: 10.00	Category: NA	Snow Duration: NA	HORZ(LL): -0.027 P - -
Des Ld: 85.00	EXP: NA		HORZ(TL): 0.046 P - -
NCBCLL: 0.00	Mean Height: NA ft	**Code / Misc Criteria**	Creep Factor: 2.0
Soffit: 0.00	TCDL: NA psf	Bldg Code: IBC 2018	Max TC CSI: 0.743
Load Duration: 1.00	BCDL: NA psf	TPI Std: 2014	Max BC CSI: 0.667
Spacing: 16.0 "	MWFRS Parallel Dist: NA	Rep Factors Used: Yes	Max Web CSI: 0.726
	C&C Dist a: NA ft	FT/RT:12(0)/10(0)	Mfg Specified Camber:
	Loc. from endwall: NA	Plate Type(s):	
	I: NA GCpi: NA	WAVE	VIEW Ver: 23.02.04A.0207.10
	Wind Duration: NA		

Lumber

Value Set: NDS 2015

Top chord 4x2 SP #2
Bot chord 4x2 SP #2
Webs 4x2 SP #3
Lt Bearing Leg: 4x2 SP #3;
Rt Bearing Leg: 4x2 SP #3;

Plating Notes

All plates are 3X3 except as noted.

(++) - This plate works for both joints covered.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲ Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
AF	727	/-	/-	/-	/-	/-
AH	1607	/-	/-	/-	/-	/-
Q	884	/-	/-	/-	/-	/-

AF Brg Wid = 5.5 Min Req = 1.5
AH Brg Wid = 3.5 Min Req = 1.5
Q Brg Wid = 4.5 Min Req = 1.5
Bearings AF, AH, & Q are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
G - I	0	-557	I - J	0	-1316
A - B	3	0	J - K	0	-1316
B - C	0	-726	K - L	0	-1722
C - D	0	-1103	L - M	0	-1728
D - E	0	-1108	M - N	0	-1723
E - F	0	-959	N - O	0	-1357
F - G	0	-426	O - P	0	-615

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AF-AE	447	0	X - W	1034	0
AE-AD	982	0	W - V	1576	0
AD-AC	1108	0	V - U	1728	0
AC-AB	1107	0	U - T	1599	0
AB-AA	786	0	T - S	1090	0
AA- Z	8	-16	S - R	73	0
Y - X	12	-11			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AG-AF	4	-71	AH- H	0	-969
A -AG	0	-35	AH- Y	9	0
AF- B	0	-785	X - I	0	-860
B -AE	503	0	I - W	520	0
AE- C	0	-462	W - K	0	-483
C -AD	341	0	K - V	446	0
AD- D	0	-187	V - L	0	-267
AC- E	99	-73	M - U	0	-248
E -AB	0	-360	U - N	407	-7
AB- F	342	0	N - T	0	-436
F -AA	0	-650	T - O	481	0
AA- G	706	0	O - S	0	-857
G -AH	9	-902	S - P	917	0

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Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F33	Ply: 1 Qty: 4 Wgt: 200.2 lbs	SEQN: 81477 / T26 / SY42 FROM: Page 2 of 2	DRW: ... / ... 06/11/2024

H -AH	10	0	Q - R	10	0
H - X	922	0	Q - P	0	-78
AH- Z	8	0	P - Q	11	-818

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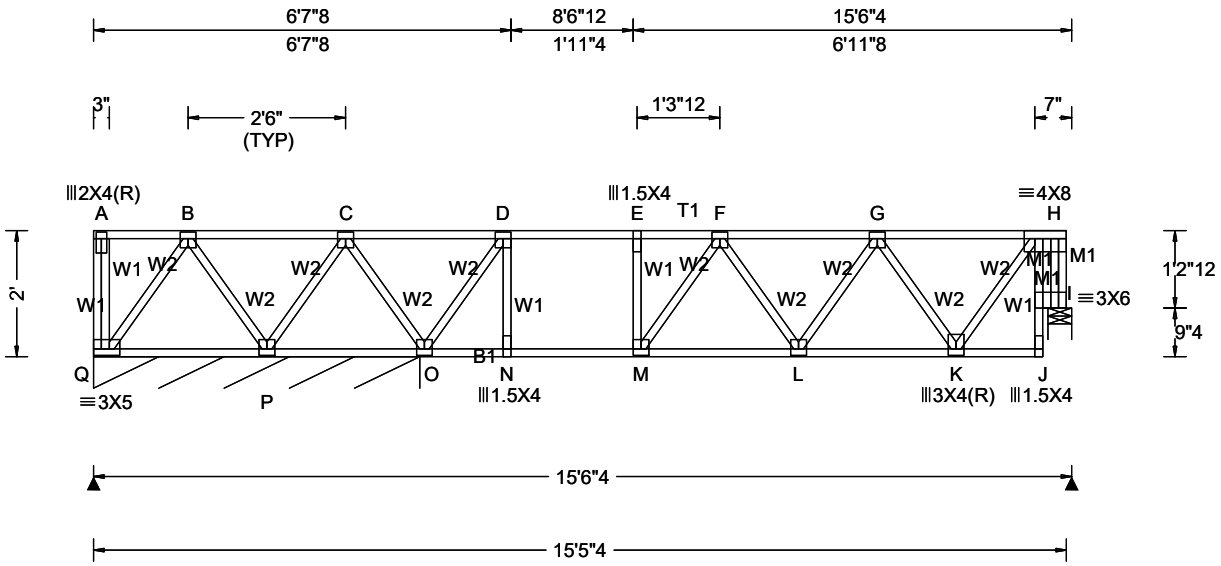
Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F34	Ply: 1 Qty: 1 Wgt: 109.2 lbs	SEQN: 81478 / T28 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.119	E	999	480
VERT(TL): 0.190	E	637	360
HORZ(LL): -0.016	H	-	-
HORZ(TL): 0.027	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.869
Max BC CSI: 0.781
Max Web CSI: 0.633
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X3 except as noted.

Additional Notes

See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

▲Maximum Reactions (lbs), or *=PLF

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
Q*	196 /-	/-	/-	/-	/-
I	738 /-	/-	/-	/-	/-

Q Brg Wid = 62.1 Min Req = -
I Brg Wid = 4.5 Min Req = 1.5
Bearings Q & I are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	2	0	E - F	0	-1133
B - C	0	-374	F - G	0	-1053
C - D	0	-844	G - H	0	-492
D - E	0	-1134			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Q - P	237	0	M - L	1179	0
P - O	1244	0	L - K	872	0
O - N	1128	0	K - J	63	0
N - M	1134	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - Q	0	-58	M - F	43	-84
Q - B	0	-431	F - L	0	-228
B - P	293	-20	L - G	326	0
P - C	0	-534	G - K	0	-686
C - O	415	0	K - H	725	0
O - D	0	-624	I - J	11	0
D - N	175	0	I - H	0	-53
E - M	12	-51	H - I	12	-695

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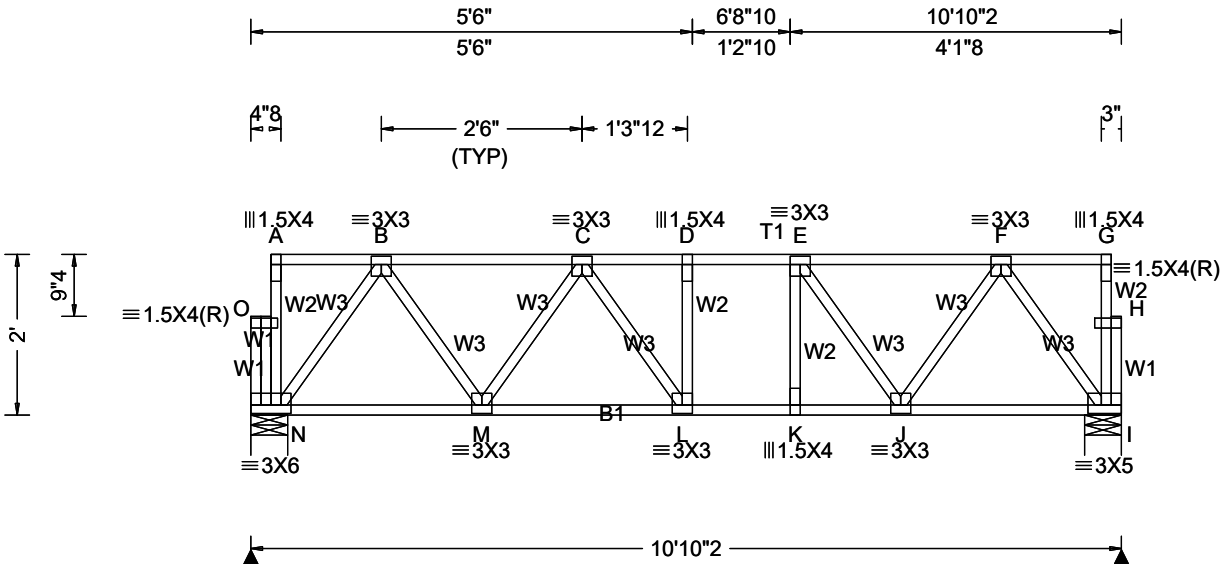
Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** F35	Ply: 1 Qty: 7 Wgt: 82.6 lbs	SEQN: 81479 / T68 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)
TCLL: 55.00
TCDL: 20.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 85.00
NCBCLL: 0.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
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): 0.037	D	999	480
VERT(TL): 0.068	D	999	360
HORZ(LL): 0.011	B	-	-
HORZ(TL): 0.020	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.397
Max BC CSI: 0.435
Max Web CSI: 0.184
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
N	597 /-	/-	/-	/-	/-
I	595 /-	/-	/-	/-	/-

N Brg Wid = 5.5 Min Req = 1.5
I Brg Wid = 5.5 Min Req = 1.5
Bearings N & I are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	0	D - E	0	-791
B - C	0	-588	E - F	0	-587
C - D	0	-790	F - G	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	376	0	K - J	790	0
M - L	769	0	J - I	373	0
L - K	791	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
O - N	4	-72	K - E	110	-33
A - O	0	-36	E - J	0	-365
N - B	0	-657	J - F	387	0
B - M	382	0	F - I	0	-650
M - C	0	-326	G - H	0	-38
C - L	173	-66	I - H	0	-12
L - D	3	-85	H - I	0	-43

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.

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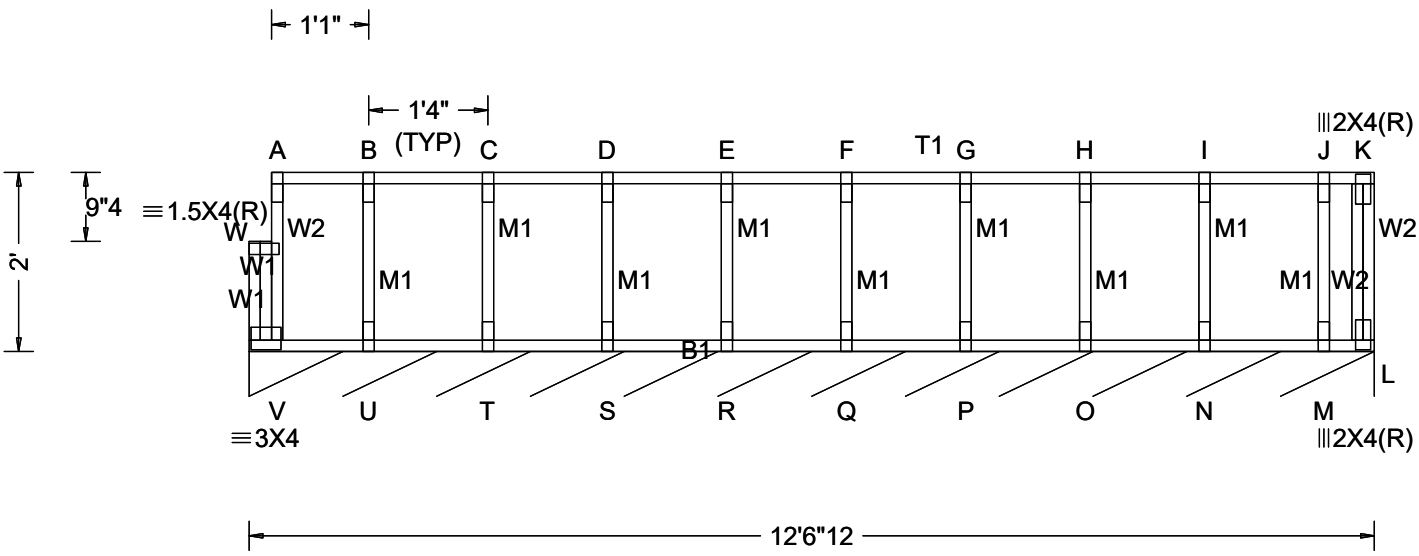
Job Number: 2310105-F4 John Knox Village Courts 4th level **Truss Label:** FGE1	Ply: 1 Qty: 1 Wgt: 78.4 lbs	SEQN: 81480 / T27 / SY42 FROM:	DRW: ... / ... 06/11/2024



Loading Criteria (psf)

TCLL:	55.00
TCDL:	20.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	85.00
NCBCLL:	0.00
Soffit:	0.00

Load Duration: 1.00
Spacing: 16.0 "

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 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.000 I	999	480
VERT(TL):	0.000 I	999	360
HORZ(LL):	0.004 K	-	-
HORZ(TL):	0.006 K	-	-

Creep Factor: 2.0
Max TC CSI: 0.081
Max BC CSI: 0.013
Max Web CSI: 0.033
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs), or *=PLF

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
L*	111 /-	/-	/-	/-	/-

L Brg Wid = 150 Min Req = -
Bearing V is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	F - G	1	0
B - C	1	0	G - H	1	0
C - D	1	0	H - I	1	0
D - E	1	0	I - J	1	0
E - F	1	0	J - K	1	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
V - U	0	-1	Q - P	0	-1
U - T	0	-1	P - O	0	-1
T - S	0	-1	O - N	0	-1
S - R	0	-1	N - M	0	-1
R - Q	0	-1	M - L	0	-1

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
W - V	4	-51	L - K	0	-16
A - W	0	-38	K - L	1	0

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
B - U	0	-130	G - P	0	-134
C - T	0	-135	H - O	0	-132
D - S	0	-133	I - N	0	-140
E - R	0	-133	J - M	0	-106
F - Q	0	-133			

Lumber

Value Set: NDS 2015

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

Bracing

Sheathing is required for any longitudinal(drag) forces. All connections to be designed by the building designer.

Fasten rated sheathing to one face of this frame.

Plating Notes

All plates are 1.5X4 except as noted.

Additional Notes

Truss must be installed as shown with top chord up.

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ADD SCREENWALL LOADS TO TRUSSES, SEE S1.10

STICK FRAMING BY OTHERS

MECH. SCREEN LOADS APPLIED

FLAT ROOF

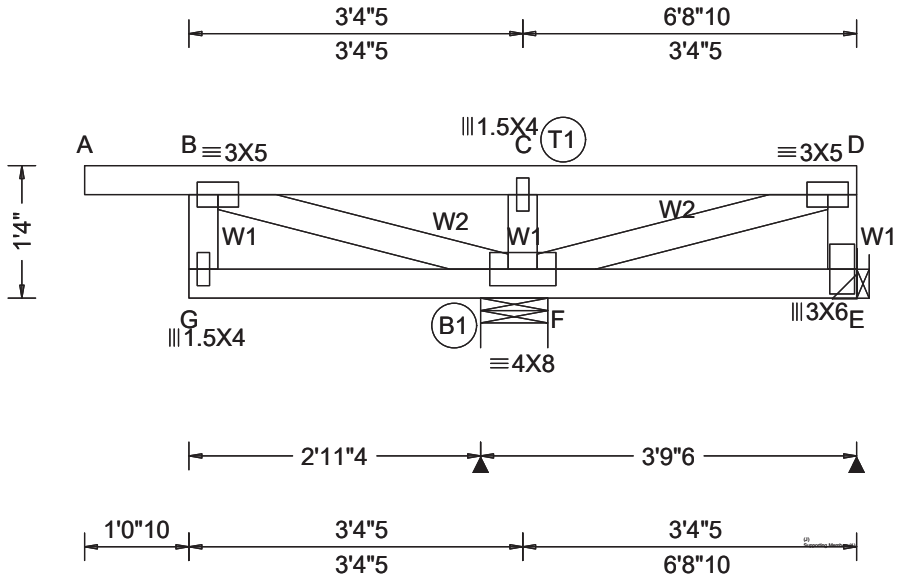
JOHN KNOX VILLAGE
ROOF TRUSS LAYOUT

-: Preserving Properties
-: John Knox Village Courts
-: 2310105-R
-: Lon E Ellenburg
-: 1001 NW Chipman
-: JEB

JOB NO:
2310105-R

PAGE NO:
1 OF 1

Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** HJ1	Ply: 1 Qty: 4 Wgt: 36.4 lbs	SEQN: 81489 / T56 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 50.92 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Load Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.071 G	569	360
VERT(TL):	0.128 G	314	240
HORZ(LL):	-0.016 B	-	-
HORZ(TL):	0.029 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.886
Max BC CSI: 0.222
Max Web CSI: 0.442
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	1414	/-	/-	/497	/235	/-
E	22	/-477	/-	/79	/89	/-

Wind reactions based on MWFRS
F Brg Wid = 8.1 Min Req = 1.7 (Truss)
E Brg Wid = - Min Req = -
Bearing F is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	0	C - D	1617	- 533
B - C	1617	- 533			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
G - F	4	- 31	F - E	6	- 11

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - G	59	- 18	F - D	557	- 1682
B - F	556	- 1663	D - E	479	- 90
C - F	289	- 313			

Lumber

Value Set: NDS 2015

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

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC: From	90 plf at	-1.05 to	90 plf at	6.72
BC: From	4 plf at	-1.05 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	6.72

TC: 200 lb Conc. Load at -1.05

Hangers / Ties

(J) Hanger Support Required, by others

Purlins

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

Wind

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

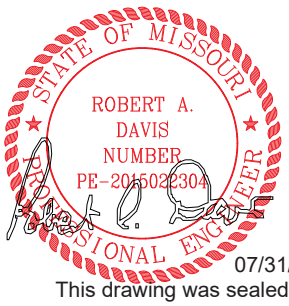
End verticals not exposed to wind pressure.

Left cantilever is exposed to wind

Additional Notes

Negative reaction(s) of -477# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

Truss must be installed as shown with top chord up.



07/31/24
This drawing was sealed by
Robert A Davis PE,

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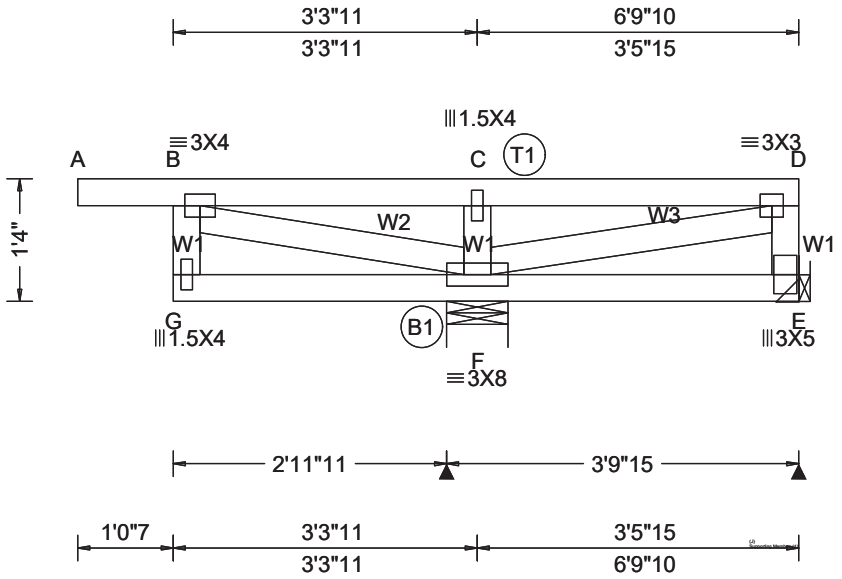
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** HJ2	Ply: 1 Qty: 16 Wgt: 35.0 lbs	SEQN: 81596 / T132 / FLAT FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 50.92 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.032 G	999	360
VERT(TL):	0.061 G	646	240
HORZ(LL):	-0.007 B	-	-
HORZ(TL):	0.014 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.429
Max BC CSI: 0.142
Max Web CSI: 0.217
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	932	/-	/-	/487	/229	/-
E	75	/-192	/-	/73	/75	/-

Wind reactions based on MWFRS
F Brg Wid = 8.0 Min Req = 1.5 (Truss)
E Brg Wid = - Min Req = -
Bearing F is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	0	C - D	776	-512
B - C	776	-512			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
G - F	4	-3	F - E	10	-4

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - G	58	-19	F - D	534	-805
B - F	535	-811	D - E	208	-73
C - F	291	-375			

Lumber

Value Set: NDS 2015

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

Wind

Wind loads based on MWFRS.

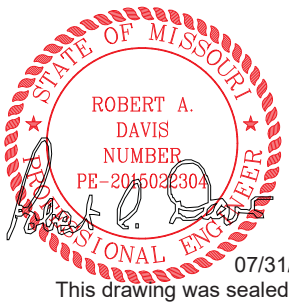
End verticals not exposed to wind pressure.

Left cantilever is exposed to wind

Additional Notes

Negative reaction(s) of -192# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

Truss must be installed as shown with top chord up.



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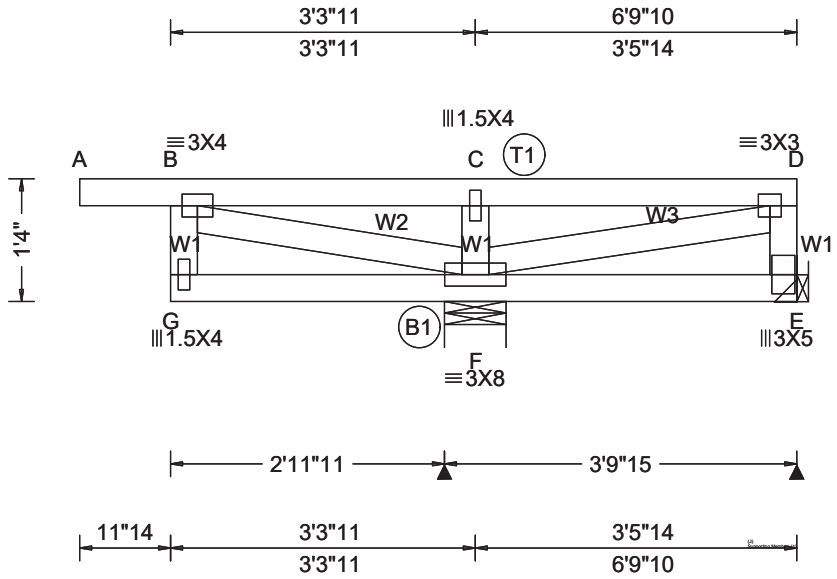
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** HJ3	Ply: 1 Qty: 8 Wgt: 35.0 lbs	SEQN: 81597 / T81 / FLAT FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 50.92 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.032 G	999	360
VERT(TL):	0.060 G	661	240
HORZ(LL):	-0.007 B	-	-
HORZ(TL):	0.014 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.425
Max BC CSI: 0.140
Max Web CSI: 0.212
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	923	/-	/-	/482	/226	/-
E	77	/-186	/-	/71	/73	/-

Wind reactions based on MWFRS
F Brg Wid = 8.0 Min Req = 1.5 (Truss)
E Brg Wid = - Min Req = -
Bearing F is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	0	C - D	758	-500
B - C	758	-500			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
G - F	4	-3	F - E	10	-4

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - G	58	-19	F - D	521	-787
B - F	522	-793	D - E	203	-69
C - F	292	-377			

Lumber

Value Set: NDS 2015

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

Wind

Wind loads based on MWFRS.

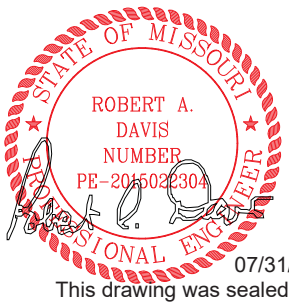
End verticals not exposed to wind pressure.

Left cantilever is exposed to wind

Additional Notes

Negative reaction(s) of -186# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

Truss must be installed as shown with top chord up.



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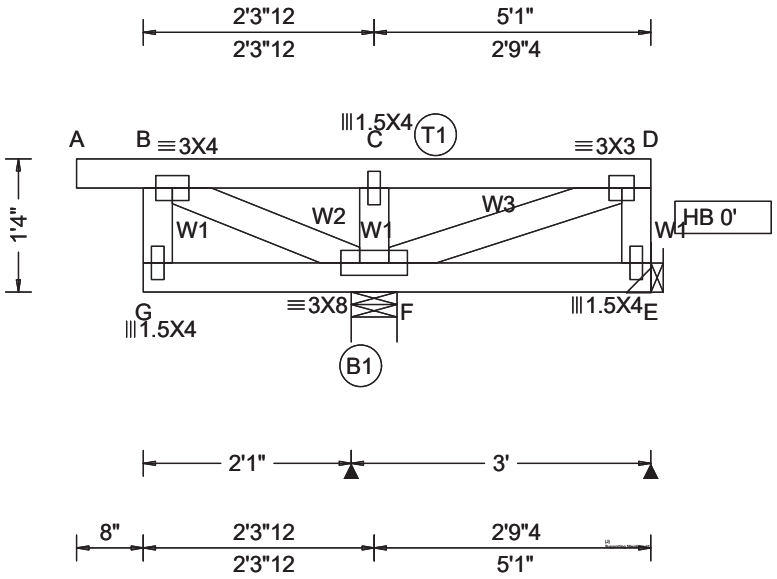
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** J1	Ply: 1 Qty: 6 Wgt: 29.4 lbs	SEQN: 81490 / T63 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 50.92 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.008 G	999	360
VERT(TL):	0.016 G	999	240
HORZ(LL):	-0.003 B	-	-
HORZ(TL):	0.005 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.221
Max BC CSI: 0.070
Max Web CSI: 0.085
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	635	/-	/-	/331	/152	/-
E	83	/-97	/-	/41	/32	/-

Wind reactions based on MWFRS
F Brg Wid = 5.5 Min Req = 1.5 (Truss)
E Brg Wid = - Min Req = -
Bearing F is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	0	C - D	360	-253
B - C	360	-253			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
G - F	1	-1	F - E	6	-2

Maximum Web Forces Per Ply (lbs)

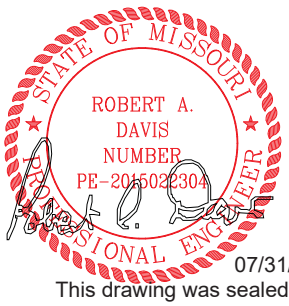
Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - G	40	-14	F - D	271	-384
B - F	276	-395	D - E	113	-62
C - F	234	-282			

Lumber
Value Set: NDS 2015
Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3

Hangers / Ties
(J) Hanger Support Required, by others

Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.
Left cantilever is exposed to wind

Additional Notes
Truss must be installed as shown with top chord up.



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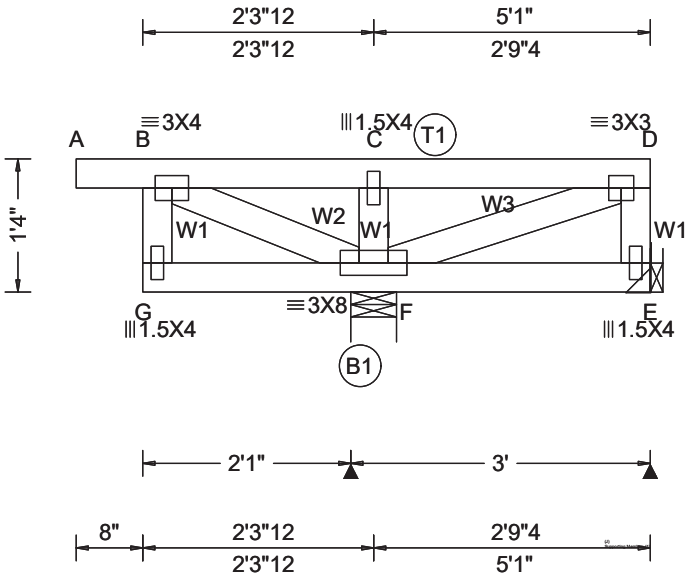
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** J2	Ply: 1 Qty: 40 Wgt: 29.4 lbs	SEQN: 81491 / T134 / FLAT FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 50.92 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.008	G	999	360
VERT(TL): 0.016	G	999	240
HORZ(LL): -0.003	B	-	-
HORZ(TL): 0.005	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.221
Max BC CSI: 0.070
Max Web CSI: 0.085
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	635	/-	/-	/331	/152	/-
E	83	/-97	/-	/41	/32	/-

Wind reactions based on MWFRS
F Brg Wid = 5.5 Min Req = 1.5 (Truss)
E Brg Wid = - Min Req = -
Bearing F is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	0	C - D	360	- 253
B - C	360	- 253			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
G - F	1	- 1	F - E	6	- 2

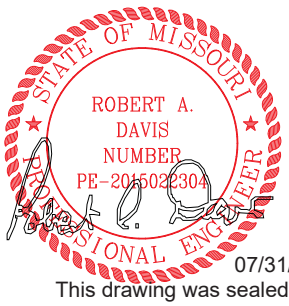
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - G	40	- 14	F - D	271	- 384
B - F	276	- 395	D - E	113	- 62
C - F	234	- 282			

Lumber
Value Set: NDS 2015
Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3

Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.
Left cantilever is exposed to wind

Additional Notes
Truss must be installed as shown with top chord up.



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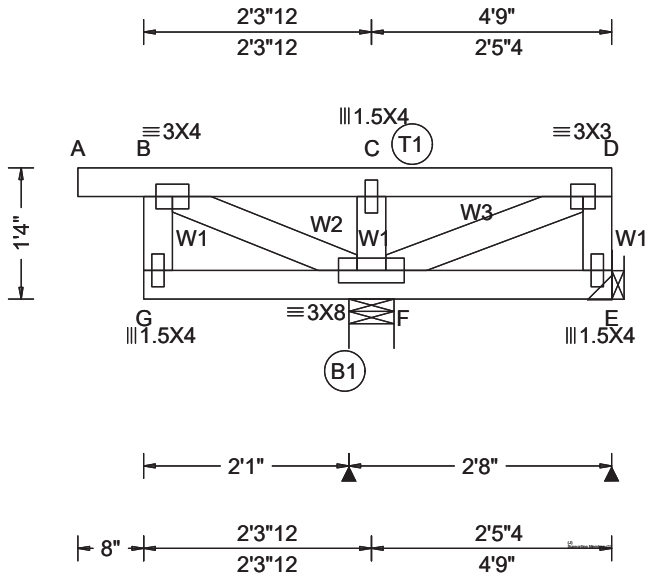
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** J3	Ply: 1 Qty: 20 Wgt: 28.0 lbs	SEQN: 81492 / T60 / FLAT FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 50.92 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.008 G	999	360
VERT(TL):	0.015 G	999	240
HORZ(LL):	-0.003 B	-	-
HORZ(TL):	0.005 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.204
Max BC CSI: 0.064
Max Web CSI: 0.082
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
F	640 /-	/-	/-	/97	/-
E	55 /-128	/-	/14	/-	/-

Wind reactions based on MWFRS
F Brg Wid = 5.5 Min Req = 1.5 (Truss)
E Brg Wid = - Min Req = -
Bearing F is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	0	C - D	364	-61
B - C	364	-61			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
G - F	0	-1	F - E	4	-1

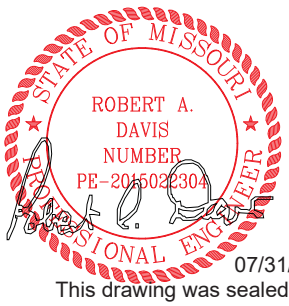
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - G	15	0	F - D	66	-395
B - F	66	-399	D - E	139	-38
C - F	62	-263			

Lumber
Value Set: NDS 2015
Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3

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

Additional Notes
Provide for complete drainage of roof.
Truss must be installed as shown with top chord up.



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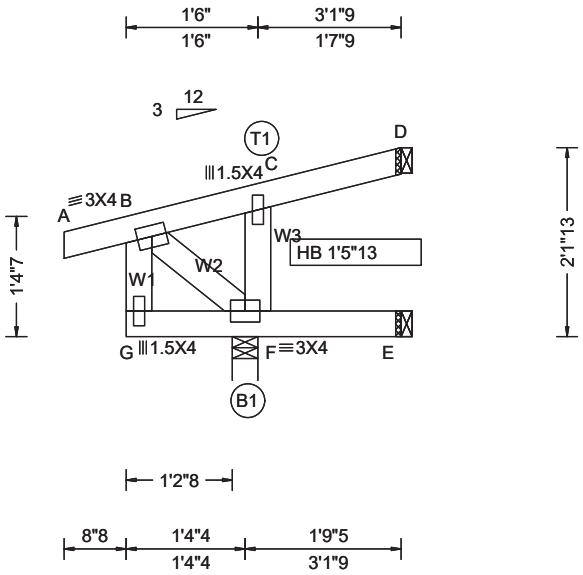
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** LR1	Ply: 1 Qty: 4 Wgt: 19.6 lbs	SEQN: 81493 / T7 / JACK FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.033 B	597	360
VERT(TL):	0.060 B	326	240
HORZ(LL):	-0.030 D	-	-
HORZ(TL):	0.054 D	-	-

Creep Factor: 2.0
Max TC CSI: 0.285
Max BC CSI: 0.268
Max Web CSI: 0.046
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	524	/-	/-	/252	/12	/15
E	-	/-80	/-	/10	/35	/-
D	25	/-73	/-	/4	/28	/-

Wind reactions based on MWFRS
F Brg Wid = 3.5 Min Req = 1.5
E Brg Wid = 1.5 Min Req = -
D Brg Wid = 1.5 Min Req = -
Bearing F is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	16	0	C - D	6	-40
B - C	47	-44			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
G - F	2	-4	F - E	0	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - G	17	-65	C - F	130	-315
B - F	70	-8			

Lumber

Value Set: NDS 2015

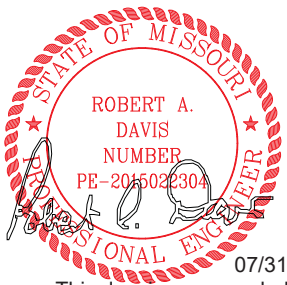
Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3

Wind

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

Left end vertical not exposed to wind pressure.

Left cantilever is exposed to wind



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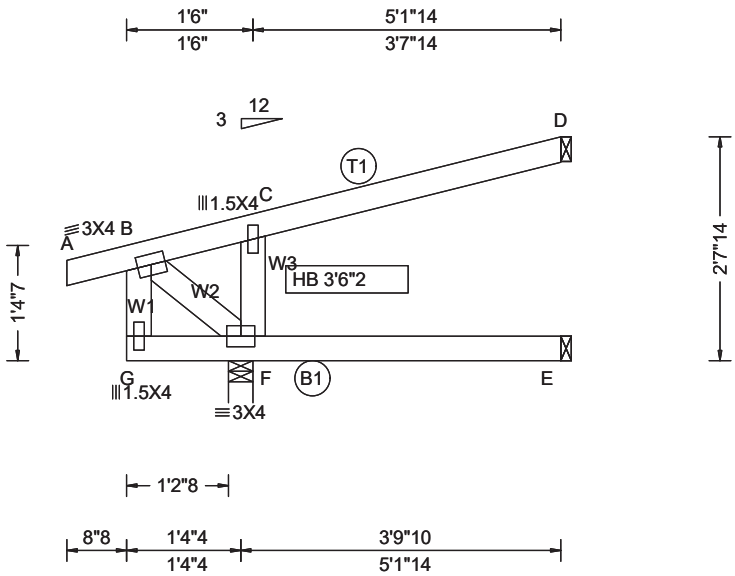
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** LR2	Ply: 1 Qty: 3 Wgt: 25.2 lbs	SEQN: 81494 / T9 / EJAC FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.032	B	619	360
VERT(TL): 0.078	B	253	240
HORZ(LL): -0.029	D	-	-
HORZ(TL): 0.070	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.403
Max BC CSI: 0.259
Max Web CSI: 0.043
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

Lumber
Value Set: NDS 2015
Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3

Wind
Wind loads based on MWFRS with additional C&C member design.
Left end vertical not exposed to wind pressure.
Left cantilever is exposed to wind

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	526	/-	/-	/251	/3	/24
E	28	/-4	/-	/22	/-	/-
D	132	/-	/-	/38	/16	/-

Wind reactions based on MWFRS
F Brg Wid = 3.5 Min Req = 1.5
E Brg Wid = 1.5 Min Req = -
D Brg Wid = 1.5 Min Req = -
Bearing F is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

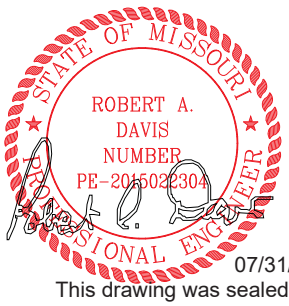
Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	16	0	C - D	32	-51
B - C	51	-49			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
G - F	0	-4	F - E	0	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - G	2	-62	C - F	101	-377
B - F	69	-8			



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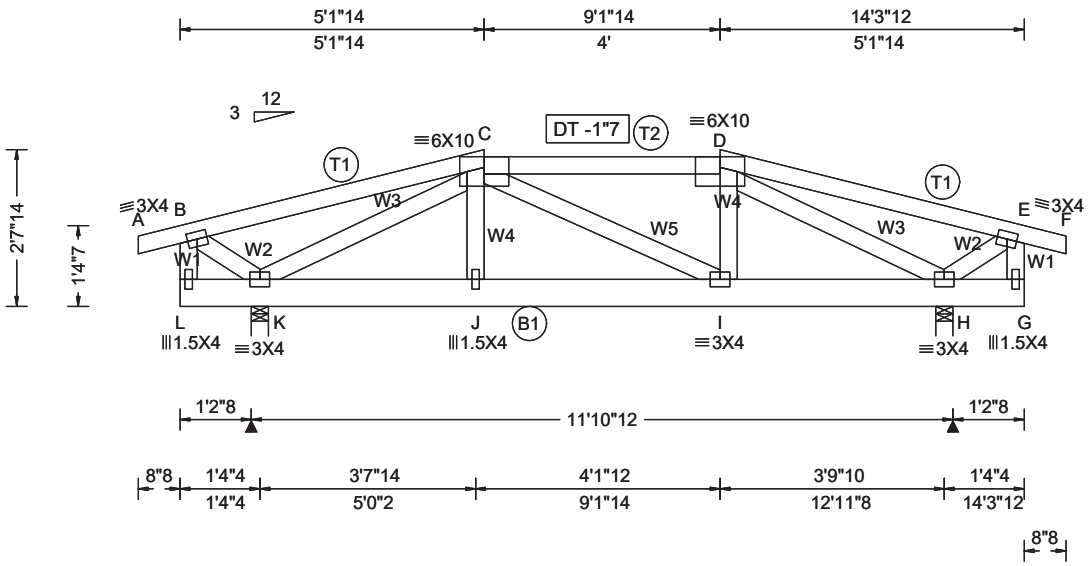
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** LR3	Ply: 1 Qty: 1 Wgt: 91.0 lbs	SEQN: 81598 / T6 / HIPS FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.024 I	999	360
VERT(TL):	0.044 I	999	240
HORZ(LL):	0.007 E	-	-
HORZ(TL):	0.014 E	-	-

Creep Factor: 2.0
Max TC CSI: 0.780
Max BC CSI: 0.252
Max Web CSI: 0.592
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
K	1211 /-	/-	/-	/71	/-
H	1210 /-	/-	/-	/71	/-

Wind reactions based on MWFRS
K Brg Wid = 3.5 Min Req = 1.5
H Brg Wid = 3.5 Min Req = 1.5
Bearings K & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	16	- 1	D - E	238	- 12
B - C	238	- 12	E - F	16	- 1
C - D	114	- 1239			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	47	- 3	I - H	1239	- 114
K - J	1246	- 114	H - G	47	- 3
J - I	1229	- 113			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - L	9	- 106	D - I	278	- 26
B - K	14	- 283	D - H	142	- 1618
K - C	142	- 1626	H - E	15	- 283
J - C	273	- 26	E - G	9	- 106
C - I	38	- 14			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x6 SP #1
Webs 2x4 SP #3

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC: From	91 plf at	-0.71 to	91 plf at	5.16
TC: From	45 plf at	5.16 to	45 plf at	9.16
TC: From	91 plf at	9.16 to	91 plf at	15.02
BC: From	4 plf at	-0.71 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	5.19
BC: From	10 plf at	5.19 to	10 plf at	9.12
BC: From	20 plf at	9.12 to	20 plf at	14.31
BC: From	4 plf at	14.31 to	4 plf at	15.02

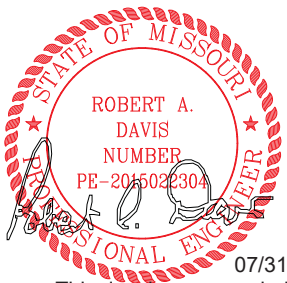
TC: 132 lb Conc. Load at 5.22, 7.16, 9.09
BC: 237 lb Conc. Load at 5.19, 9.12
BC: 28 lb Conc. Load at 7.16

Wind

Wind loads and reactions based on MWFRS.

End verticals not exposed to wind pressure.

Left and right cantilevers are exposed to wind



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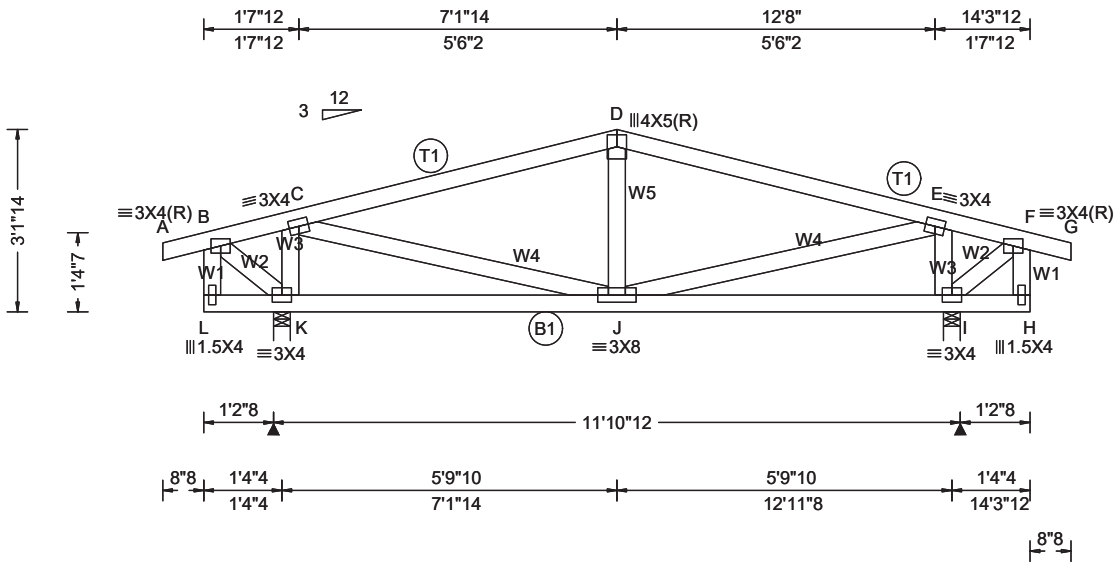
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** LR4	Ply: 1 Qty: 2 Wgt: 85.4 lbs	SEQN: 81495 / T3 / COMN FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.015	D	999	360
VERT(TL): 0.027	D	999	240
HORZ(LL): 0.002	I	-	-
HORZ(TL): 0.003	I	-	-

Creep Factor: 2.0
Max TC CSI: 0.416
Max BC CSI: 0.144
Max Web CSI: 0.223
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
K	872	/-	/-	/399	/-	/12
I	872	/-	/-	/399	/-	/-

Wind reactions based on MWFRS
K Brg Wid = 3.5 Min Req = 1.5
I Brg Wid = 3.5 Min Req = 1.5
Bearings K & I are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	16	0	D - E	76	-769
B - C	107	-63	E - F	107	-63
C - D	76	-769	F - G	16	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	1	-3	J - I	200	-21
K - J	200	-27	I - H	1	-3

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - L	2	-32	J - E	585	-54
B - K	108	-103	E - I	106	-766
K - C	106	-766	I - F	108	-103
C - J	585	-53	F - H	2	-32
D - J	68	-176			

Lumber

Value Set: NDS 2015

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

Loading

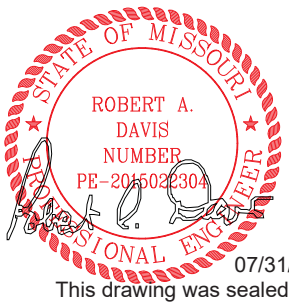
Truss designed for unbalanced snow loads.

Wind

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

End verticals not exposed to wind pressure.

Left and right cantilevers are exposed to wind



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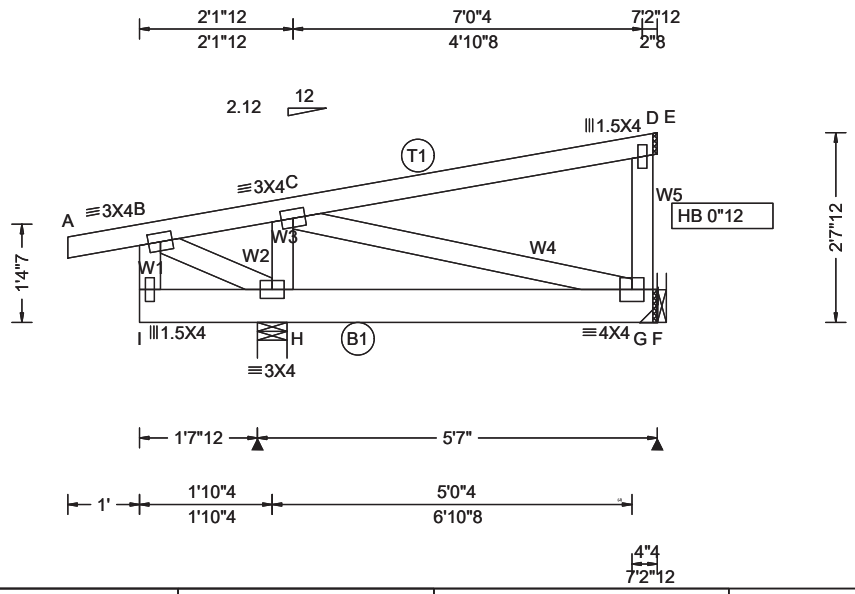
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** LRH1	Ply: 1 Qty: 2 Wgt: 46.2 lbs	SEQN: 81496 / T2 / HIP_ FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	I	999	360
VERT(TL): 0.004	B	999	240
HORZ(LL): -0.001	E	-	-
HORZ(TL): 0.002	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.410
Max BC CSI: 0.045
Max Web CSI: 0.093
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
H	532 /-	/-	/-	/62	/-
F	209 /-9	/-	/-	/56	/-

Wind reactions based on MWFRS
H Brg Wid = 4.9 Min Req = 1.5
F Brg Wid = - Min Req = -
Bearing H is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	13	-1	C - D	15	-45
B - C	172	0	D - E	0	-1

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - H	1	-5	G - F	0	0
H - G	55	-110			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - I	21	-17	C - G	119	-45
B - H	2	-173	D - G	18	-151
H - C	27	-368			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x6 SP #1
Webs 2x4 SP #3

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC: From	0 plf at	-1.00 to	90 plf at	0.00
TC: From	2 plf at	0.00 to	2 plf at	7.23
BC: From	0 plf at	-1.00 to	4 plf at	0.00
BC: From	2 plf at	0.00 to	2 plf at	7.23

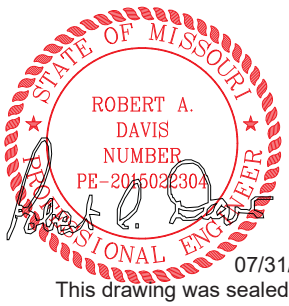
TC: 49 lb Conc. Load at 4.43
BC: -48 lb Conc. Load at 4.43

Wind

Wind loads and reactions based on MWFRS.

End verticals not exposed to wind pressure.

Left cantilever is exposed to wind



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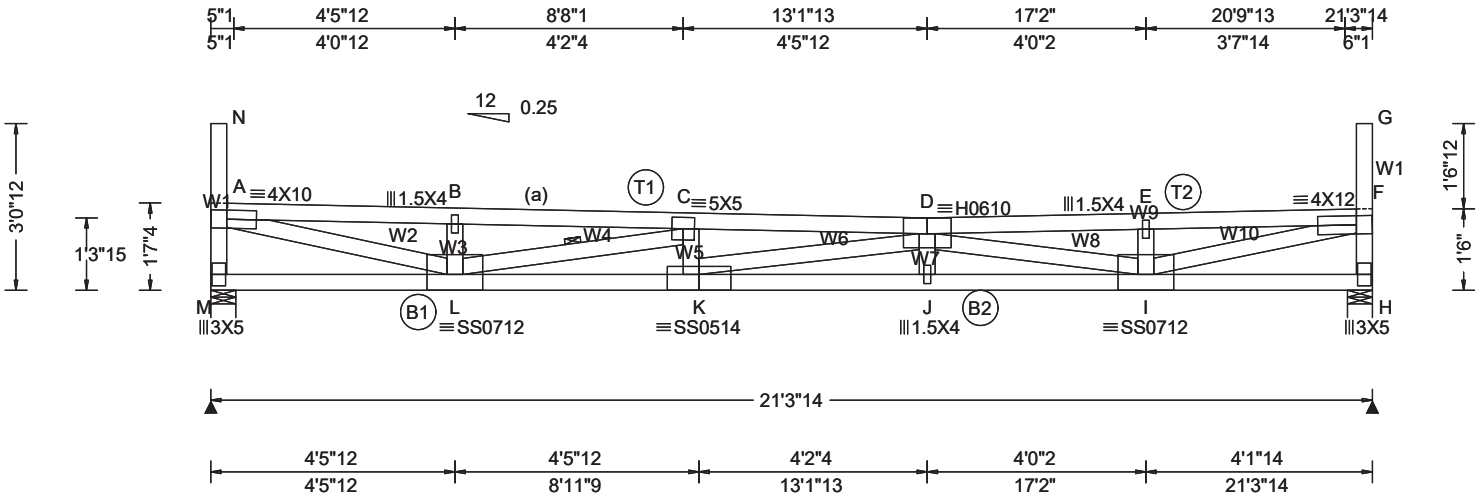
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R01	Ply: 1 Qty: 3 Wgt: 110.6 lbs	SEQN: 81613 / T15 / SPEC FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.48 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Load Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.392 J	652	360
VERT(TL):	1.038 J	246	240
HORZ(LL):	0.050 A	-	-
HORZ(TL):	0.132 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.832
Max BC CSI: 0.868
Max Web CSI: 0.989
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
M	1639 /-	/-	/541	/145	/96
H	1655 /-	/-	/541	/144	/-

Wind reactions based on MWFRS
M Brg Wid = 5.5 Min Req = 1.5 (Truss)
H Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings M & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1128	-5355	D - E	1166	-5525
B - C	1121	-5362	E - F	1173	-5518
C - D	1599	-7917			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
M - L	342	-340	J - I	8290	-1742
L - K	7862	-1774	I - H	128	-116
K - J	8290	-1742			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
M - A	378	-1580	D - J	68	0
A - L	5405	-1165	D - I	723	-2865
N - A	7	-4	E - I	152	-585
L - B	161	-619	I - F	5563	-1198
L - C	683	-2598	F - H	376	-1598
C - K	198	-10	G - F	8	-5
K - D	174	-391			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP 2400f-2.0E
Bot chord 2x4 SP 2400f-2.0E
Webs 2x4 SP #3 W2,W10 2x4 SP #1;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 90 plf at 0.29 to 90 plf at 21.03
BC: From 20 plf at 0.00 to 20 plf at 21.32
PLT: 500 lb Conc. Load at (5.83,44.43), (15.83,44.33)

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	20.74	1.46	18.24	4.43
21.03	0.00	20.74	1.57	21.66	5.26

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

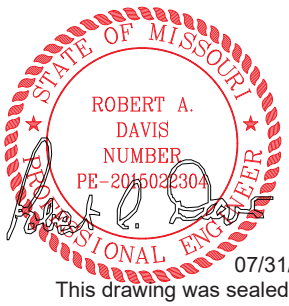
Wind

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

End verticals not exposed to wind pressure.

Deflection

Max JT VERT DEFL: LL: 0.39" DL: 0.65". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.



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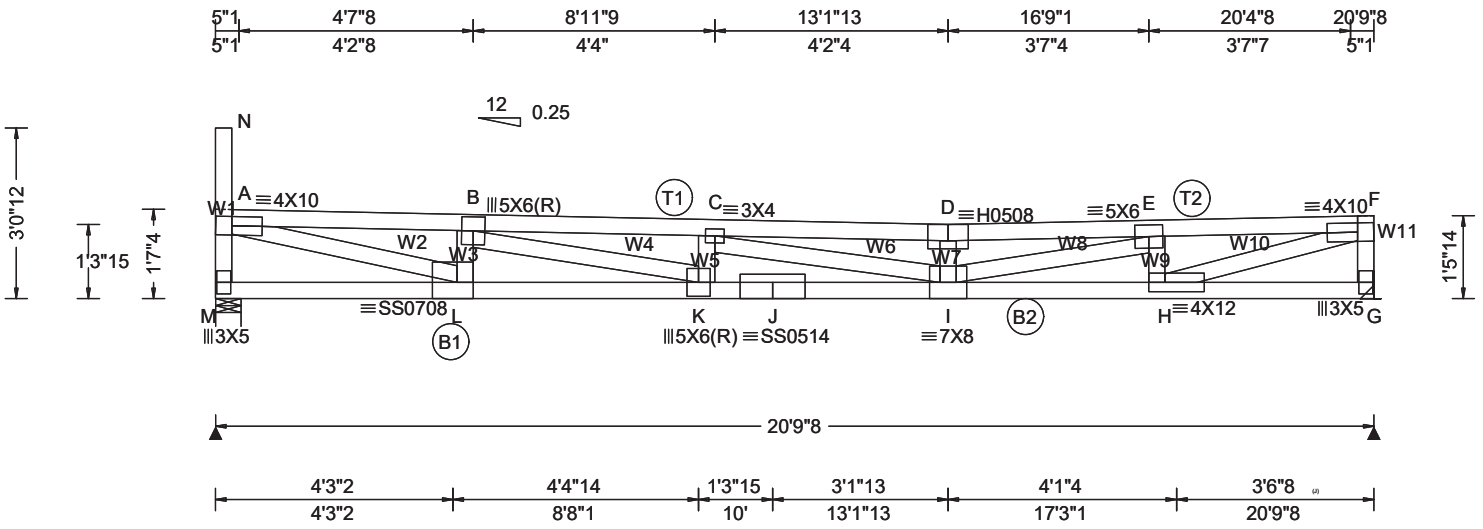
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R02	Ply: 1 Qty: 3 Wgt: 106.4 lbs	SEQN: 81498 / T14 / COMN FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.48 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Load
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.345	C	722	360
VERT(TL): 0.921	C	270	240
HORZ(LL): 0.046	A	-	-
HORZ(TL): 0.122	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.958
Max BC CSI: 0.792
Max Web CSI: 0.823
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
M	1609 /-	/-	/522	/137	/58
G	1626 /-	/-	/523	/135	/-

Wind reactions based on MWFRS
M Brg Wid = 5.5 Min Req = 1.5
G Brg Wid = - Min Req = -
Bearing M is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1135	- 5074	D - E	1688	- 7811
B - C	1663	- 7457	E - F	1011	- 4940
C - D	1689	- 7809			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
M - L	252	- 181	J - I	7588	- 1709
L - K	5381	- 1201	I - H	5282	- 1093
K - J	7588	- 1709	H - G	42	- 13

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
M - A	366	- 1551	C - I	224	- 62
A - L	5129	- 1081	D - I	220	- 777
N - A	7	- 4	I - E	2640	- 629
L - B	333	- 1310	E - H	325	- 1347
B - K	2161	- 553	H - F	5083	- 1035
K - C	201	- 544	F - G	360	- 1566

Lumber

Value Set: NDS 2015

Top chord 2x4 SP 2400f-2.0E
Bot chord 2x4 SP 2400f-2.0E
Webs 2x4 SP #3 W2,W10 2x4 SP #1; W8 2x4 SP #2;

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC: From	90 plf at	0.29 to	90 plf at	20.50
BC: From	20 plf at	0.00 to	20 plf at	20.79

PLT: 500 lb Conc. Load at (5.57,44.44), (15.57,44.33)

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	20.21	1.46	18.24	4.43

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

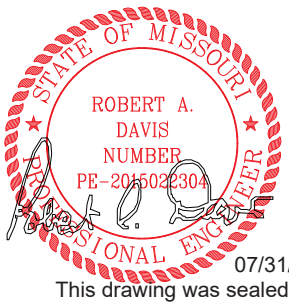
Wind

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

End verticals not exposed to wind pressure.

Deflection

Max JT VERT DEFL: LL: 0.34" DL: 0.57". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.



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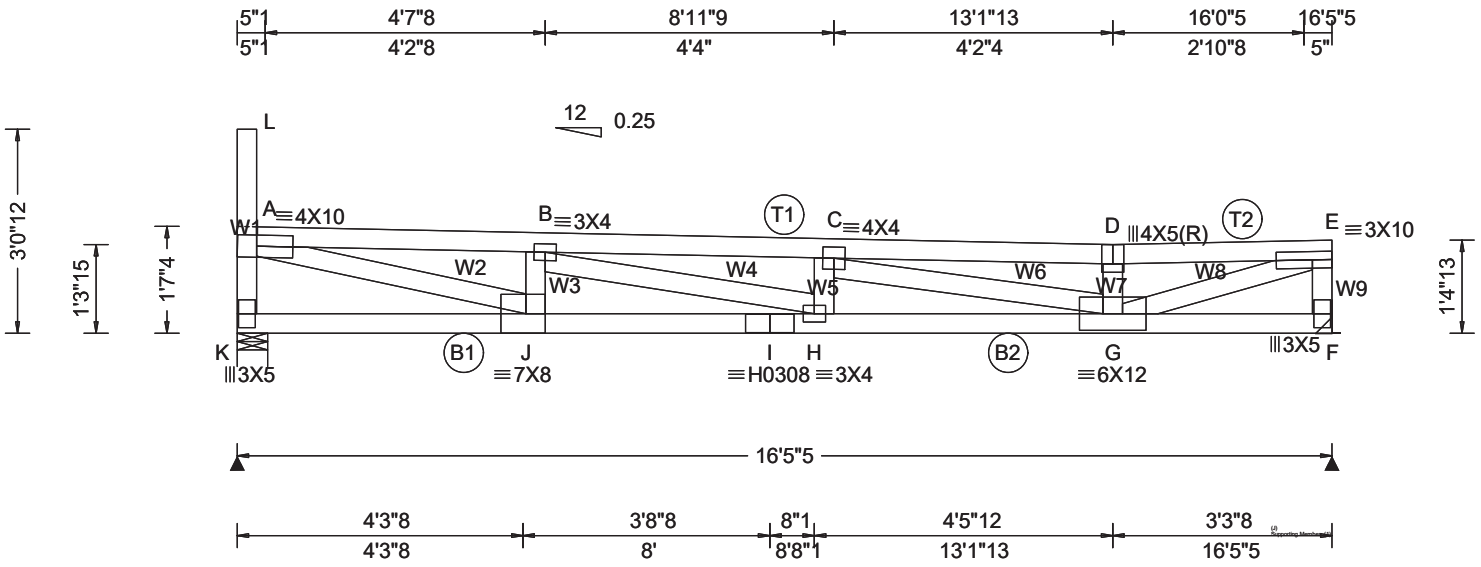
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R03	Ply: 1 Qty: 2 Wgt: 85.4 lbs	SEQN: 81499 / T5 / COMN FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.48 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Load Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.151	H	999	360
VERT(TL): 0.433	H	455	240
HORZ(LL): 0.021	A	-	-
HORZ(TL): 0.061	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.809
Max BC CSI: 0.881
Max Web CSI: 0.849
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
K	1225	/-	/-	/412	/110	/60
F	1558	/-	/-	/424	/113	/-

Wind reactions based on MWFRS
K Brg Wid = 5.5 Min Req = 1.5
F Brg Wid = - Min Req = -
Bearing K is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	981	- 3731	C - D	867	- 3189
B - C	1242	- 4643	D - E	867	- 3191

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
K - J	256	- 174	H - G	4667	- 1263
J - I	3950	- 1031	G - F	0	0
I - H	3950	- 1031			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
K - A	338	- 1172	H - C	130	- 124
A - J	3762	- 945	C - G	409	- 1536
L - A	7	- 4	D - G	224	- 600
J - B	297	- 939	G - E	3360	- 916
B - H	716	- 311	F - E	340	- 1517

Lumber

Value Set: NDS 2015

Top chord 2x4 SP 2400f-2.0E T2 2x4 SP #1;
Bot chord 2x4 SP #1
Webs 2x4 SP #3 W2,W8 2x4 SP #2;

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC: From	90 plf at	0.29 to	90 plf at	16.44	
BC: From	20 plf at	0.00 to	20 plf at	16.44	

PLT: 500 lb Conc. Load at (5.75,44.43), (15.75,44.33)

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	20.00	1.46	18.24	4.43

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

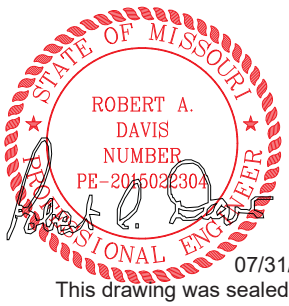
Wind

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

End verticals not exposed to wind pressure.

Deflection

Max JT VERT DEFL: LL: 0.15" DL: 0.28". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.



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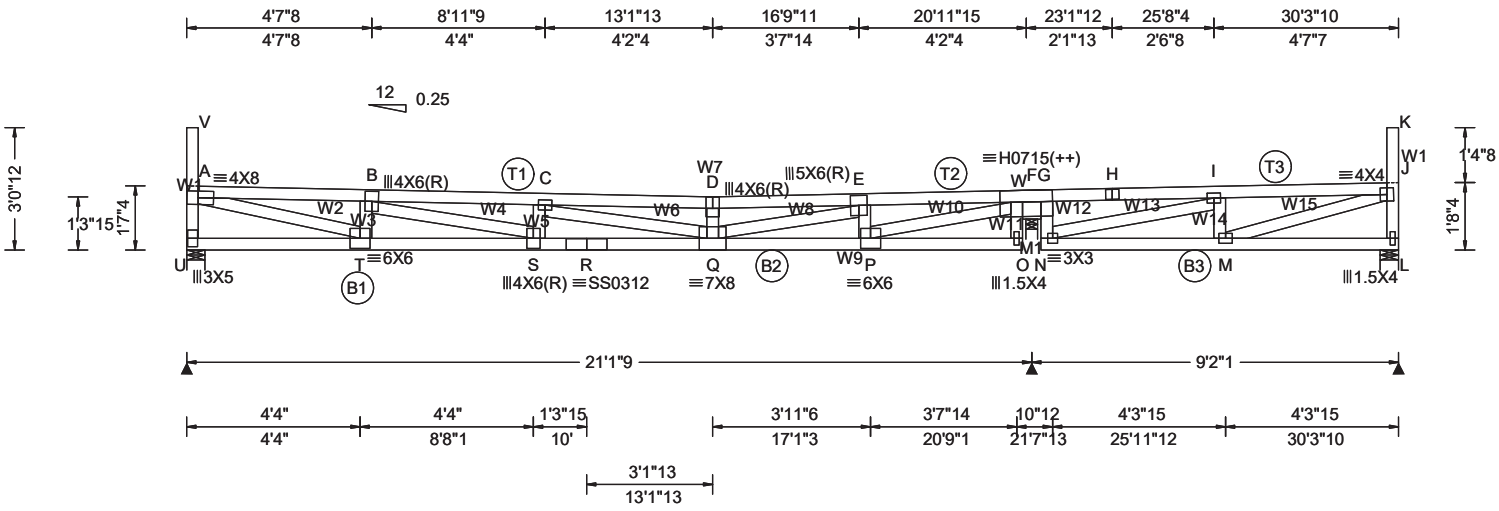
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R04	Ply: 1 Qty: 3 Wgt: 156.1 lbs	SEQN: 81608 / T18 / COMN FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria

Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.53 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.03 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)

Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria

Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.357	C	709	360
VERT(TL): 0.662	C	382	240
HORZ(LL): 0.047	A	-	-
HORZ(TL): 0.087	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.397
Max BC CSI: 0.867
Max Web CSI: 0.821
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
U	1096	/-	/-	/513	/136	/89
W	1812	/-	/-	/828	/228	/-
L	425	/-	/-	/182	/47	/-

Wind reactions based on MWFRS
U Brg Wid = 5.5 Min Req = 1.5 (Truss)
W Brg Wid = 3.5 Min Req = 1.5 (Support)
L Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings U, W, & L are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
F - H	430	- 239	D - E	1113	- 5020
A - B	831	- 3190	E - F	627	- 2748
B - C	1162	- 4910	H - I	431	- 239
C - D	1113	- 5020	I - J	239	- 776

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
U - T	332	- 323	Q - P	2970	- 737
T - S	3371	- 1028	P - O	59	- 255
S - R	5003	- 1344	N - M	800	- 174
R - Q	5003	- 1344	M - L	94	- 71

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
U - A	280	- 1049	P - F	3102	- 759
A - T	3204	- 820	F - W	383	- 1453
V - A	7	- 4	G - W	345	- 65
T - B	262	- 778	W - O	43	0
B - S	1602	- 418	W - N	343	- 65
S - C	160	- 386	N - I	273	- 1046
C - Q	79	- 54	I - M	97	- 121
Q - E	2154	- 554	M - J	758	- 178
D - Q	177	- 556	J - L	108	- 386
E - P	272	- 881	K - J	7	- 4

Lumber

Value Set: NDS 2015

Top chord 2x4 SP 2400f-2.0E
Bot chord 2x4 SP #1
Webs 2x4 SP #3 W2,W10,W13 2x4 SP #2;
W12 2x4 SP #1;
Rt Bearing Leg: 2x6 SP #1;

Plating Notes

All plates are 3X4 except as noted.

(++) - This plate works for both joints covered.

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	29.72	1.46	18.24	4.43
30.01	0.00	29.72	1.38	15.49	3.76

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

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

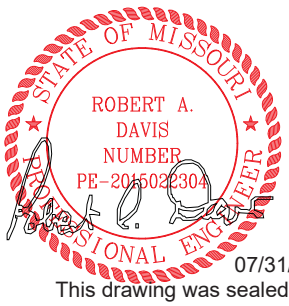
End verticals not exposed to wind pressure.

Deflection

Max JT VERT DEFL: LL: 0.35" DL: 0.36". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.



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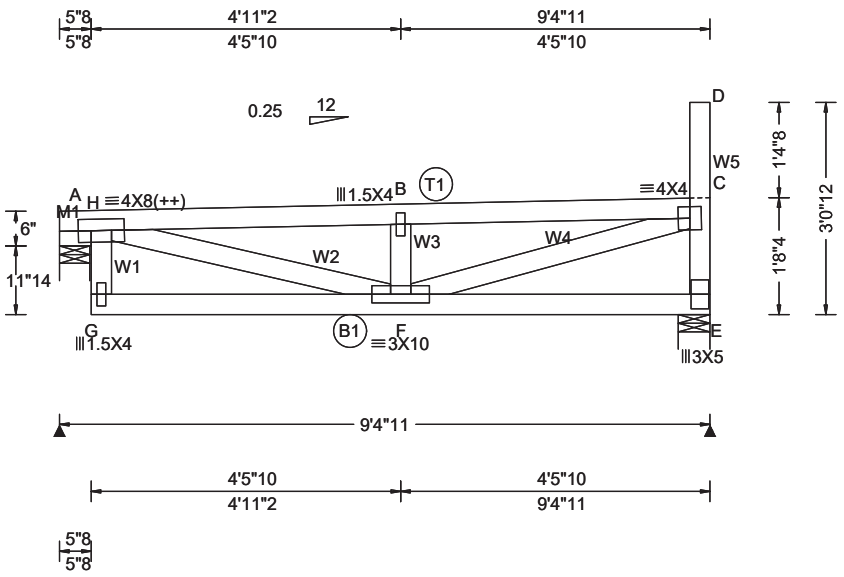
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R05	Ply: 1 Qty: 4 Wgt: 52.5 lbs	SEQN: 81501 / T87 / SPEC FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.61 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.026	B	999	360
VERT(TL): 0.048	B	999	240
HORZ(LL): 0.004	A	-	-
HORZ(TL): 0.007	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.148
Max BC CSI: 0.109
Max Web CSI: 0.458
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
H	526 / -	/ -	/244	/73	/57
E	472 / -	/ -	/225	/61	/-

Wind reactions based on MWFRS
H Brg Wid = 5.3 Min Req = 1.5
E Brg Wid = 5.5 Min Req = 1.5
Bearings H & E are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	560	-999	B - C	569	-996

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
G - F	100	-70	F - E	83	-82

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - H	43	0	B - F	298	-417
A - F	927	-457	F - C	984	-541
H - A	391	-701	D - C	7	-4
H - G	43	0	C - E	246	-431

Lumber

Value Set: NDS 2015

Top chord 2x4 SP 2400f-2.0E
Bot chord 2x4 SP #2
Webs 2x4 SP #3
Lt Bearing Leg: 2x6 SP #1;

Plating Notes

(++) - This plate works for both joints covered.

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
8.98	0.00	20.00	1.38	15.49	3.76

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

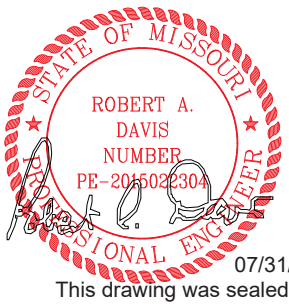
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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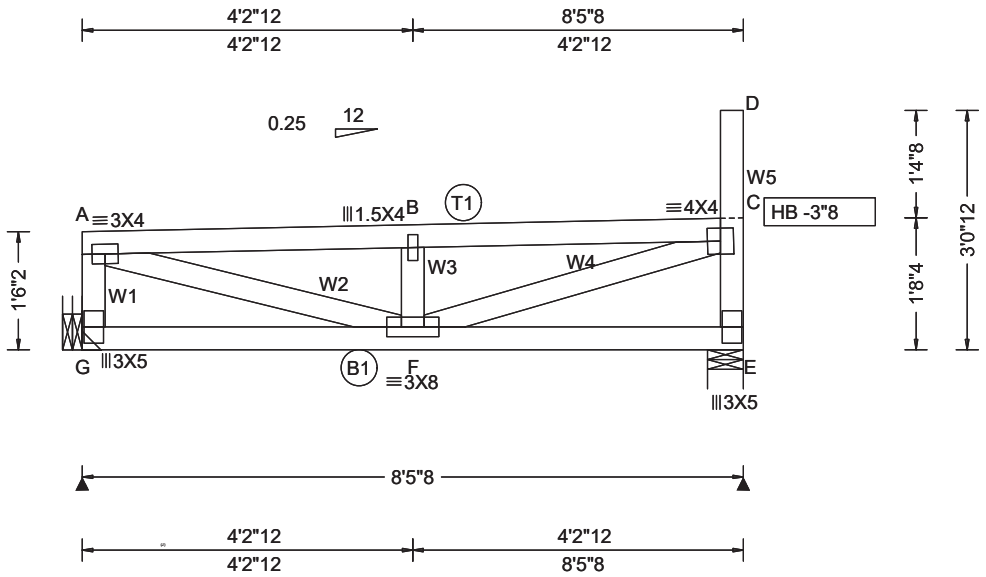
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R06	Ply: 1 Qty: 1 Wgt: 47.6 lbs	SEQN: 81502 / T1 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.62 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.024 B	999	360
VERT(TL):	0.044 B	999	240
HORZ(LL):	-0.003 C	-	-
HORZ(TL):	0.005 C	-	-

Creep Factor: 2.0
Max TC CSI: 0.300
Max BC CSI: 0.093
Max Web CSI: 0.466
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
G	465	/-	/-	/227	/64	/56
E	439	/-	/-	/214	/64	/-

Wind reactions based on MWFRS
G Brg Wid = - Min Req = -
E Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearing E is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	498	-879	B - C	508	-877

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
G - F	60	-163	F - E	86	-81

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - G	258	-423	F - C	871	-568
A - F	889	-503	C - E	257	-399
B - F	297	-410	D - C	7	-4

Lumber

Value Set: NDS 2015

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

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
8.17	0.00	20.00	1.38	15.49	3.76

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

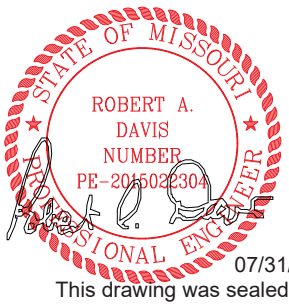
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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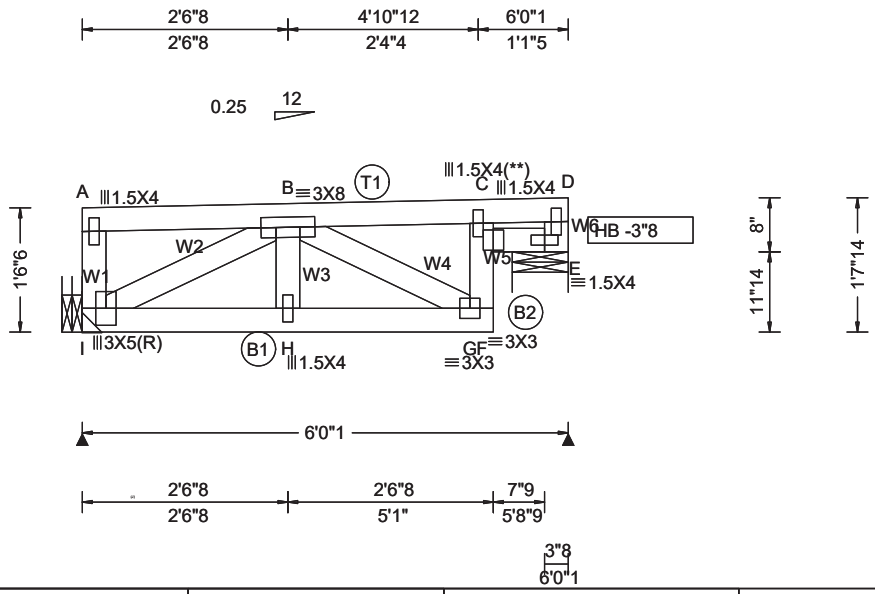
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R07	Ply: 1 Qty: 1 Wgt: 36.4 lbs	SEQN: 81503 / T30 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.62 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.036 C	999	360
VERT(TL):	0.065 C	999	240
HORZ(LL):	0.010 C	-	-
HORZ(TL):	0.019 C	-	-

Creep Factor: 2.0
Max TC CSI: 0.401
Max BC CSI: 0.128
Max Web CSI: 0.307
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
I	330	/-	/-	/152	/39	/4
E	325	/-	/-	/146	/43	/-

Wind reactions based on MWFRS
I Brg Wid = - Min Req = -
E Brg Wid = 8.3 Min Req = 1.5 (Support)
Bearing F is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	5	-7	C - D	79	-136
B - C	47	-91			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - H	439	-255	F - E	139	-83
H - G	439	-255			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - I	65	-81	G - F	238	-121
I - B	272	-487	C - F	181	-77
B - H	51	0	D - E	162	-266
B - G	238	-407			

Lumber

Value Set: NDS 2015

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

Plating Notes

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

Wind

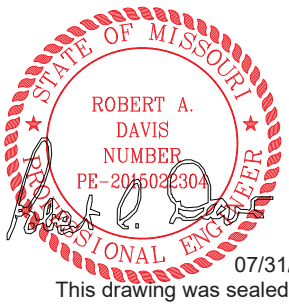
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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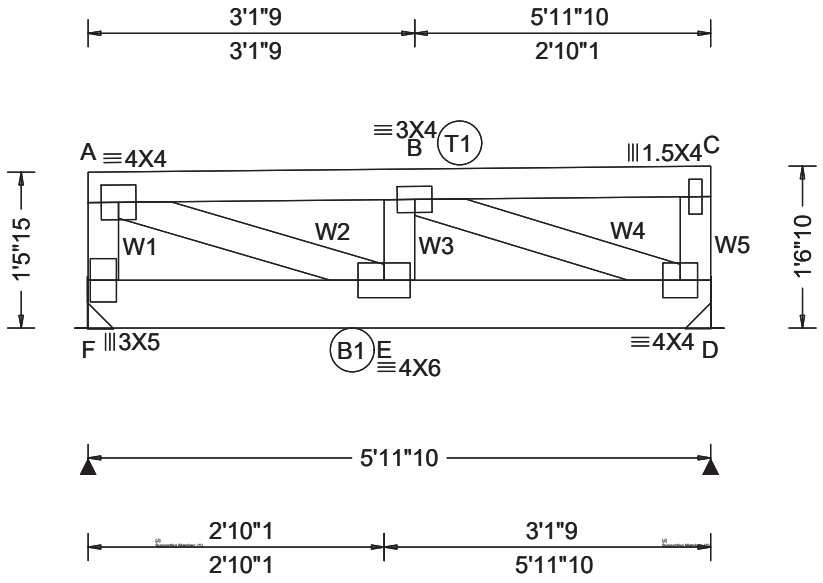
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R08X	Ply: 2 Qty: 1 Wgt: 67.2 lbs	SEQN: 81599 / T23 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.54 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.019	E	999	360
VERT(TL): 0.034	E	999	240
HORZ(LL): 0.003	A	-	-
HORZ(TL): 0.005	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.134
Max BC CSI: 0.338
Max Web CSI: 0.551
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	1818	/-	/-	/-	/225	/-
D	1921	/-	/-	/-	/233	/-

Wind reactions based on MWFRS
F Brg Wid = - Min Req = -
D Brg Wid = - Min Req = -

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	165	- 1360	B - C	2	- 14

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
F - E	15	- 2	E - D	1242	- 153

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - F	74	- 588	B - D	163	- 1326
A - E	1445	- 176	C - D	8	- 42
E - B	478	- 50			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x6 SP #1
Webs 2x4 SP #3

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 5.50" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 45 plf at 0.00 to 45 plf at 5.97
BC: From 10 plf at 0.00 to 10 plf at 5.97
BC: 1337 lb Conc. Load at 1.33
BC: 872 lb Conc. Load at 3.33, 5.33
BC: 330 lb Conc. Load at 3.51

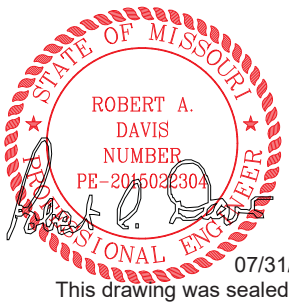
Wind

Wind loads and reactions based on MWFRS.

End verticals not exposed to wind pressure.

Additional Notes

Truss must be installed as shown with top chord up.



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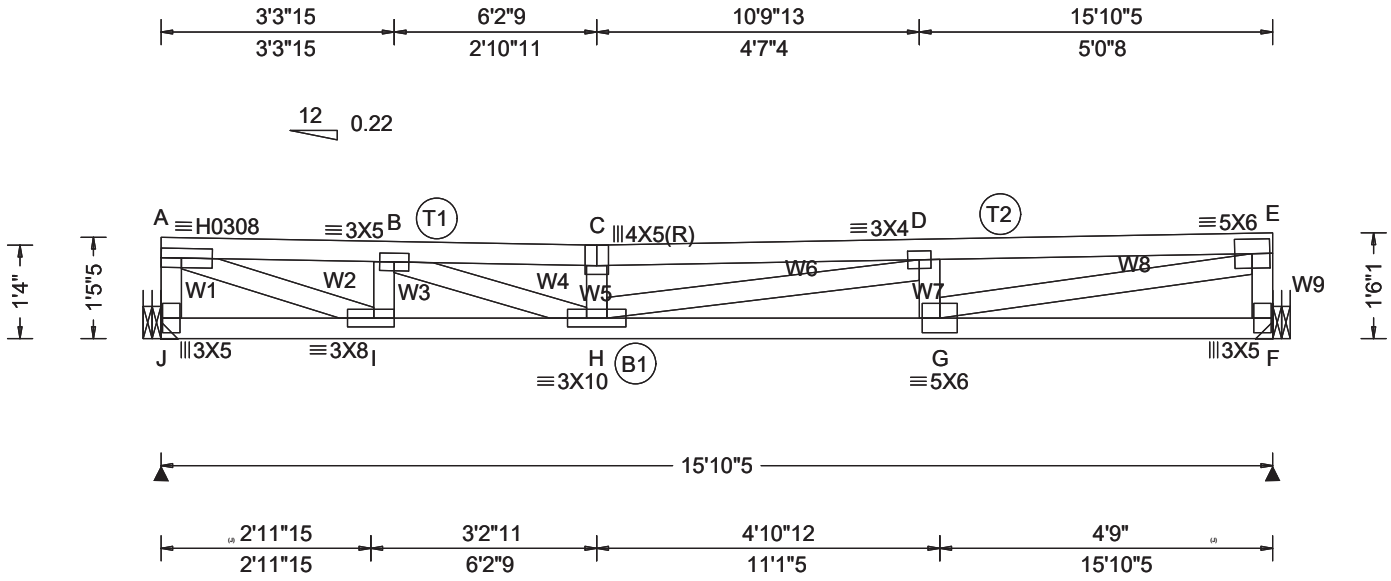
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R09	Ply: 1 Qty: 1 Wgt: 75.6 lbs	SEQN: 81504 / T24 / COMN FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.44 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 28.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
HS, WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.183	C	999	360
VERT(TL): 0.335	C	567	240
HORZ(LL): 0.035	A	-	-
HORZ(TL): 0.064	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.641
Max BC CSI: 0.770
Max Web CSI: 0.781
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J	872	/-	/-	/402	/105	/2
F	872	/-	/-	/402	/105	/-

Wind reactions based on MWFRS
J Brg Wid = - Min Req = -
F Brg Wid = - Min Req = -

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	528	-1938	C - D	866	-3182
B - C	866	-3181	D - E	722	-2652

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	19	-9	H - G	2797	-784
I - H	2117	-593	G - F	44	-13

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - J	247	-832	H - D	392	-91
A - I	2049	-560	D - G	239	-594
I - B	236	-699	G - E	2687	-734
B - H	1135	-299	E - F	252	-818
C - H	159	-416			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3 W8 2x4 SP #2;

Wind

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

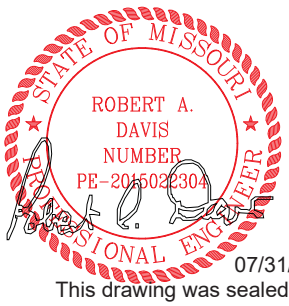
End verticals not exposed to wind pressure.

Deflection

Max JT VERT DEFL: LL: 0.18" DL: 0.15". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.



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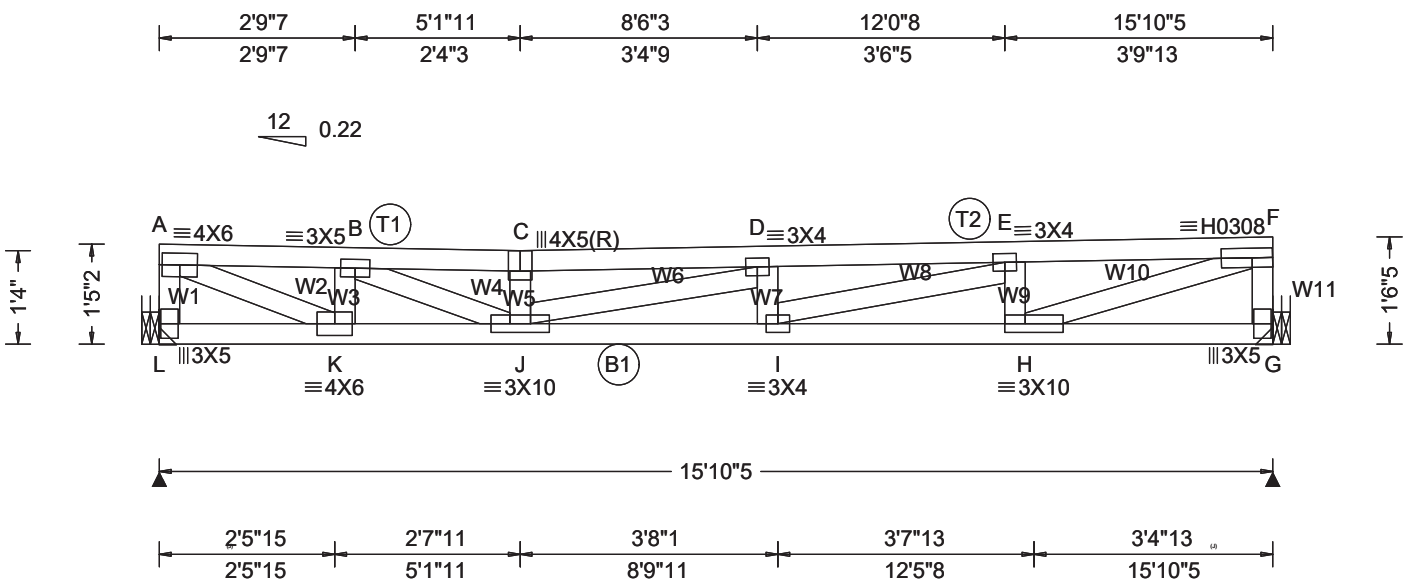
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R10	Ply: 1 Qty: 1 Wgt: 81.2 lbs	SEQN: 81505 / T22 / COMN FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.45 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 28.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.167	D	999	360
VERT(TL): 0.307	D	620	240
HORZ(LL): 0.032	A	-	-
HORZ(TL): 0.059	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.338
Max BC CSI: 0.795
Max Web CSI: 0.819
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
L	872	/-	/-	/402	/105	/3
G	872	/-	/-	/402	/105	/-

Wind reactions based on MWFRS
L Brg Wid = - Min Req = -
G Brg Wid = - Min Req = -

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	453	-1663	D - E	837	-3066
B - C	791	-2901	E - F	562	-2056
C - D	791	-2902			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	14	-9	I - H	2216	-621
K - J	1852	-521	H - G	23	-7
J - I	3126	-871			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - L	245	-836	D - I	113	-244
A - K	1809	-494	I - E	900	-235
K - B	237	-730	E - H	237	-667
B - J	1152	-306	H - F	2150	-589
C - J	132	-348	F - G	249	-829
J - D	76	-239			

Lumber

Value Set: NDS 2015

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

Wind

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

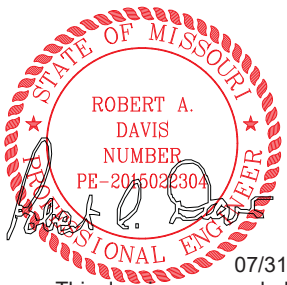
End verticals not exposed to wind pressure.

Deflection

Max JT VERT DEFL: LL: 0.17" DL: 0.14". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.



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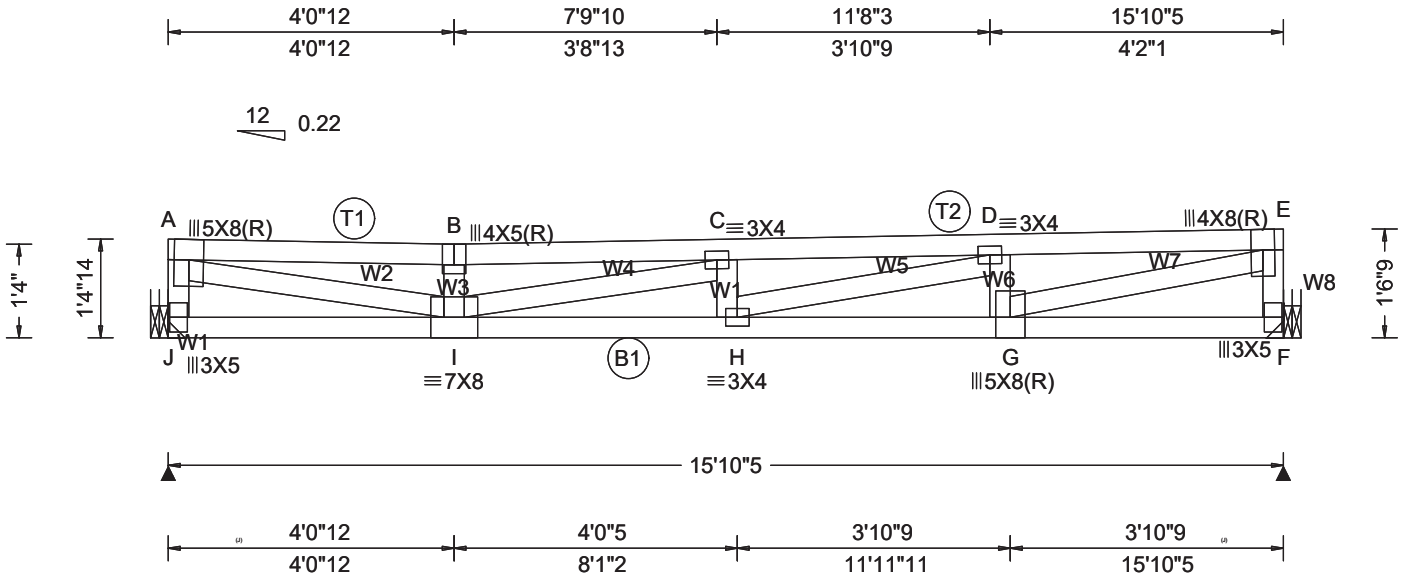
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R11	Ply: 1 Qty: 1 Wgt: 75.6 lbs	SEQN: 81506 / T10 / COMN FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.46 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 28.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.187 C	999	360
VERT(TL):	0.343 C	555	240
HORZ(LL):	0.029 A	-	-
HORZ(TL):	0.054 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.461
Max BC CSI: 0.822
Max Web CSI: 0.996
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J	872	/-	/-	/402	/105	/4
F	872	/-	/-	/402	/105	/-

Wind reactions based on MWFRS
J Brg Wid = - Min Req = -
F Brg Wid = - Min Req = -

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	698	-2563	C - D	846	-3095
B - C	698	-2562	D - E	599	-2191

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	37	-17	H - G	2343	-658
I - H	3135	-875	G - F	28	-8

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - J	248	-819	H - D	788	-203
A - I	2614	-714	D - G	238	-646
B - I	182	-455	G - E	2269	-622
I - C	176	-601	E - F	250	-826
C - H	94	-170			

Lumber

Value Set: NDS 2015

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

Wind

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

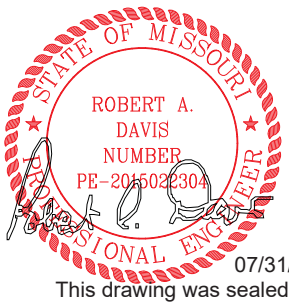
End verticals not exposed to wind pressure.

Deflection

Max JT VERT DEFL: LL: 0.19" DL: 0.16". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.



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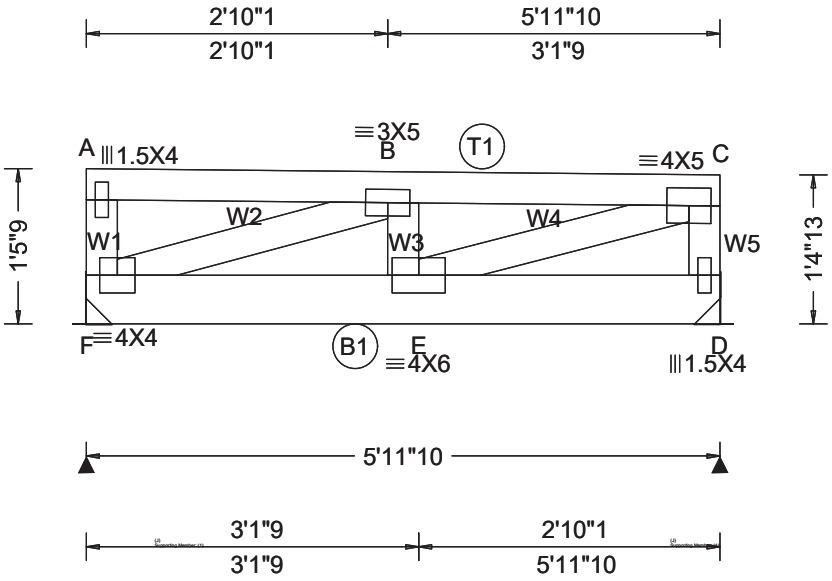
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R12X	Ply: 2 Qty: 1 Wgt: 67.2 lbs	SEQN: 81600 / T26 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.45 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Load Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.022	E	999	360
VERT(TL): 0.041	E	999	240
HORZ(LL): 0.004	A	-	-
HORZ(TL): 0.007	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.161
Max BC CSI: 0.481
Max Web CSI: 0.613
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	Rh	Rw	U	RL
F	1776 / -	-	-	/201	-
D	2063 / -	-	-	/231	-

Wind reactions based on MWFRS
F Brg Wid = - Min Req = -
D Brg Wid = - Min Req = -

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	2	-17	B - C	168	-1531

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
F - E	1396	-156	E - D	17	-2

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - F	8	-46	E - C	1609	-176
F - B	164	-1473	C - D	70	-611
B - E	507	-49			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x6 SP #1
Webs 2x4 SP #3

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 5.50" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 45 plf at 0.00 to 45 plf at 5.97
BC: From 10 plf at 0.00 to 10 plf at 5.97
BC: 872 lb Conc. Load at 1.33, 3.33, 5.33
BC: 329 lb Conc. Load at 1.50
BC: 566 lb Conc. Load at 3.77

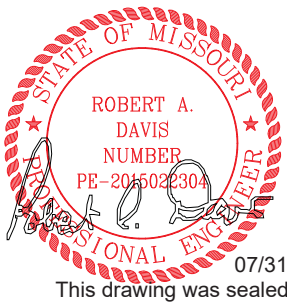
Wind

Wind loads and reactions based on MWFRS.

End verticals not exposed to wind pressure.

Additional Notes

Truss must be installed as shown with top chord up.



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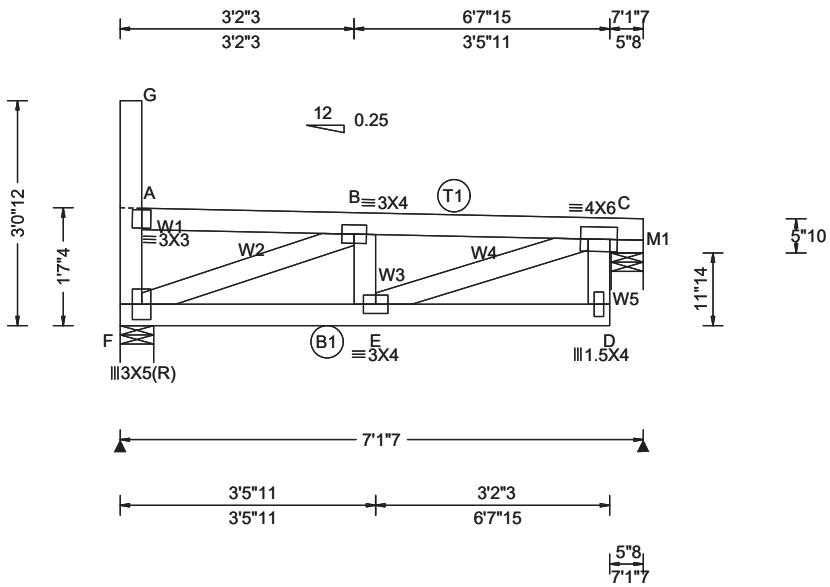
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R13	Ply: 1 Qty: 7 Wgt: 39.9 lbs	SEQN: 81507 / T17 / SPEC FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.55 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.013 E	999	360
VERT(TL):	0.024 E	999	240
HORZ(LL):	0.003 A	-	-
HORZ(TL):	0.006 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.322
Max BC CSI: 0.182
Max Web CSI: 0.434
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	349	/-	/-	/175	/57	/58
C	398	/-	/-	/196	/63	/-

Wind reactions based on MWFRS
F Brg Wid = 5.5 Min Req = 1.5
C Brg Wid = 5.2 Min Req = 1.5
Bearings F & C are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	146	-240	B - C	359	-563

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
F - E	594	-397	E - D	2	-1

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
F - A	68	-88	B - E	179	-146
F - B	456	-624	E - C	597	-379
G - A	7	-4	C - D	31	0

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3
Rt Bearing Leg: 2x6 SP #1;

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	20.00	1.46	18.24	4.43

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

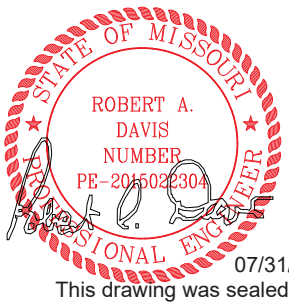
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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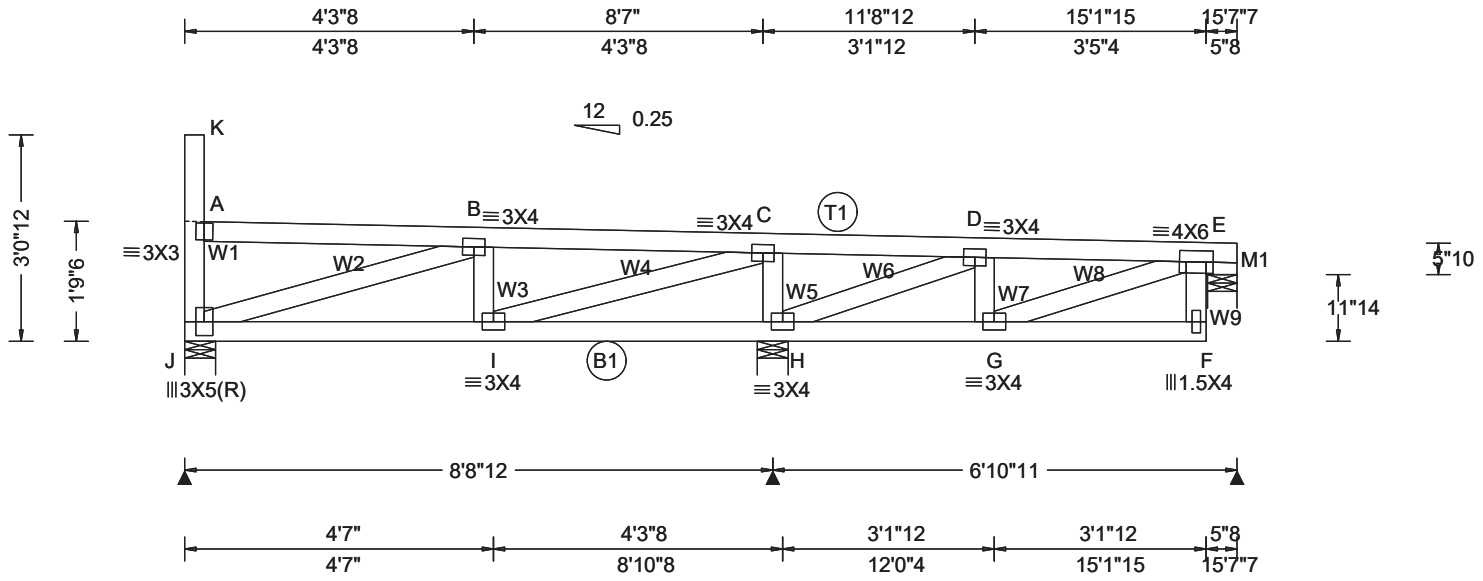
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R14	Ply: 1 Qty: 1 Wgt: 83.3 lbs	SEQN: 81508 / T86 / SPEC FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.64 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.018 B	999	360
VERT(TL):	0.034 B	999	240
HORZ(LL):	0.003 A	-	-
HORZ(TL):	0.006 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.332
Max BC CSI: 0.243
Max Web CSI: 0.356
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J	400	/-	/-	/187	/56	/57
H	1038	/-	/-	/489	/134	/-
E	301	/-	/-	/118	/36	/-

Wind reactions based on MWFRS
J Brg Wid = 5.5 Min Req = 1.5
H Brg Wid = 5.5 Min Req = 1.5
E Brg Wid = 5.2 Min Req = 1.5
Bearings J, H, & E are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	121	- 192	C - D	458	- 177
B - C	261	- 648	D - E	64	- 295

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	685	- 284	H - G	307	- 74
I - H	127	- 311	G - F	1	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
J - A	78	- 142	C - H	317	- 670
J - B	337	- 694	H - D	281	- 710
K - A	7	- 4	D - G	60	- 63
B - I	172	- 214	G - E	311	- 65
I - C	936	- 383	E - F	32	0

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3
Rt Bearing Leg: 2x6 SP #1;

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	20.00	1.29	12.40	3.01

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

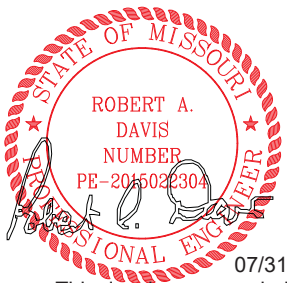
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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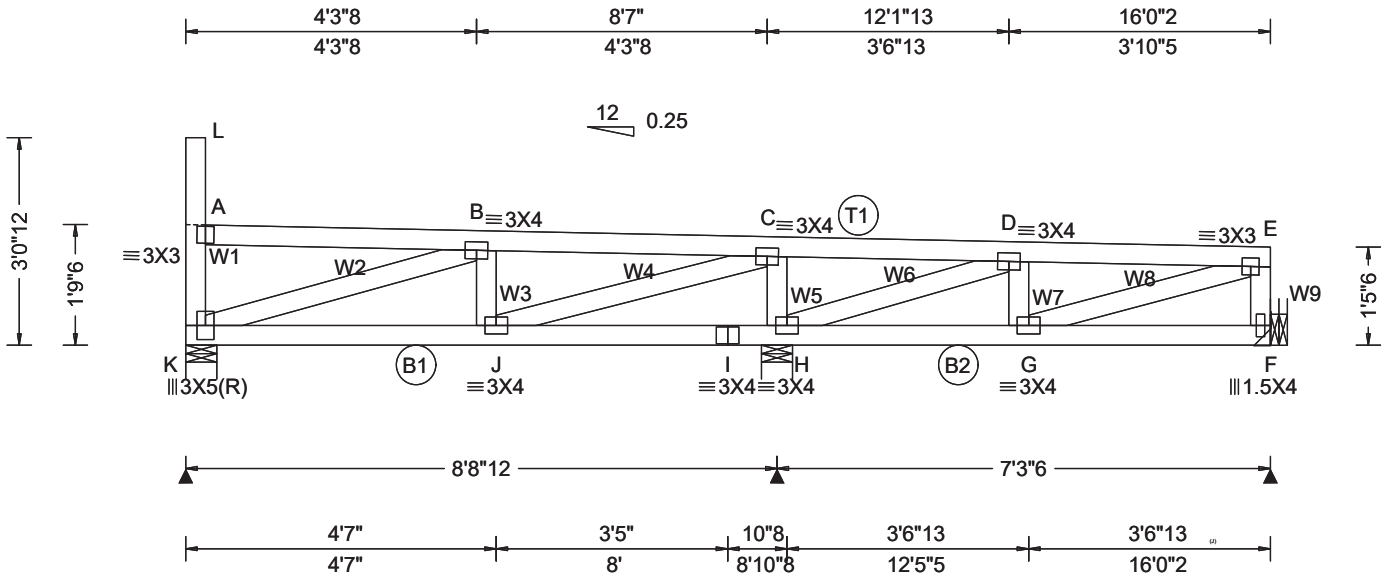
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R15	Ply: 1 Qty: 1 Wgt: 85.4 lbs	SEQN: 81509 / T16 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.63 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.018 B	999	360
VERT(TL):	0.035 B	999	240
HORZ(LL):	0.003 A	-	-
HORZ(TL):	0.006 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.342
Max BC CSI: 0.245
Max Web CSI: 0.345
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
K	402	/-	/-	/189	/57	/58
H	1052	/-	/-	/497	/134	/-
F	329	/-	/-	/137	/36	/-

Wind reactions based on MWFRS
K Brg Wid = 5.5 Min Req = 1.5
H Brg Wid = 5.5 Min Req = 1.5
F Brg Wid = - Min Req = -
Bearings K & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	121	- 192	C - D	414	- 152
B - C	268	- 657	D - E	119	- 437

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
K - J	693	- 289	H - G	451	- 134
J - I	102	- 264	G - F	17	- 6
I - H	102	- 264			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
K - A	77	- 143	C - H	318	- 679
K - B	343	- 702	H - D	313	- 809
L - A	7	- 4	D - G	77	- 79
B - J	166	- 205	G - E	438	- 116
J - C	905	- 364	E - F	118	- 292

Lumber

Value Set: NDS 2015

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

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	20.00	1.29	12.40	3.01

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

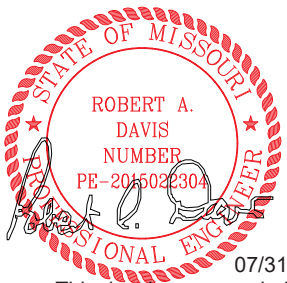
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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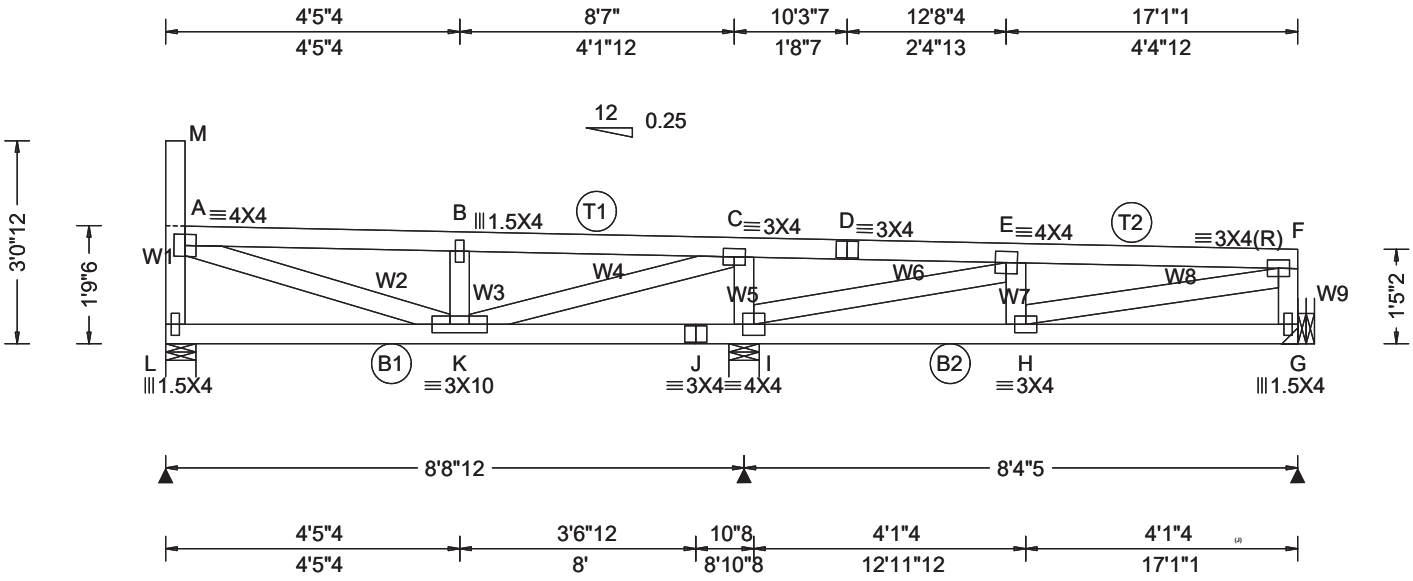
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R16	Ply: 1 Qty: 1 Wgt: 86.8 lbs	SEQN: 81510 / T13 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.62 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.022 E	999	360
VERT(TL):	0.054 E	999	240
HORZ(LL):	0.002 A	-	-
HORZ(TL):	0.005 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.806
Max BC CSI: 0.420
Max Web CSI: 0.577
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
L	376	/-	/-	/185	/56	/58
I	1409	/-	/-	/527	/141	/-
G	566	/-	/-	/166	/43	/-

Wind reactions based on MWFRS
L Brg Wid = 5.5 Min Req = 1.5
I Brg Wid = 5.5 Min Req = 1.5
G Brg Wid = - Min Req = -
Bearings L & I are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	283	-604	D - E	594	-169
B - C	276	-607	E - F	178	-979
C - D	597	-169			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	222	-119	I - H	1022	-197
K - J	119	-415	H - G	40	-9
J - I	119	-415			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
L - A	173	-333	C - I	321	-819
A - K	588	-329	I - E	390	-1596
M - A	7	-4	E - H	94	-207
K - B	210	-382	H - F	969	-173
K - C	982	-380	F - G	137	-519

Lumber

Value Set: NDS 2015

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

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC: From	90 plf at	0.29 to	90 plf at	17.09
BC: From	20 plf at	0.00 to	20 plf at	17.09

PLT: 225 lb Conc. Load at (10.69,44.51), (14.69,44.42)

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	20.00	1.29	12.40	3.01

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

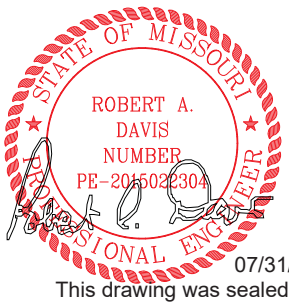
Wind

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

End verticals not exposed to wind pressure.

Additional Notes

Truss must be installed as shown with top chord up.



07/31/24
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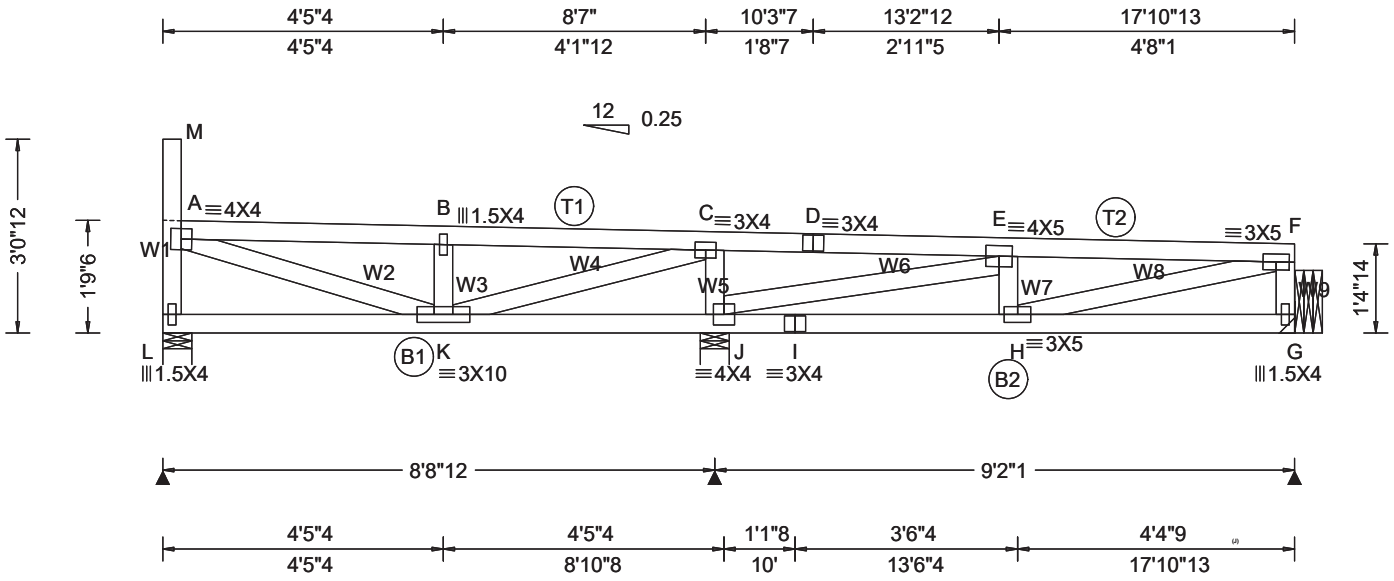
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R17	Ply: 1 Qty: 1 Wgt: 91.0 lbs	SEQN: 81511 / T55 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.61 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.033 E	999	360
VERT(TL):	0.079 E	999	240
HORZ(LL):	0.003 G	-	-
HORZ(TL):	0.007 G	-	-

Creep Factor: 2.0
Max TC CSI: 0.811
Max BC CSI: 0.500
Max Web CSI: 0.824
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
L	369	/-	/-	/181	/55	/59
J	1498	/-	/-	/551	/147	/-
G	576	/-	/-	/186	/49	/-

Wind reactions based on MWFRS
L Brg Wid = 5.5 Min Req = 1.5
J Brg Wid = 5.5 Min Req = 1.5
G Brg Wid = - Min Req = -
Bearings L & J are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	267	-577	D - E	647	-177
B - C	260	-580	E - F	228	-1185
C - D	650	-176			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	222	-118	I - H	1235	-250
K - J	125	-452	H - G	41	-11
J - I	1235	-250			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
L - A	167	-326	C - J	329	-889
A - K	560	-313	J - E	448	-1858
M - A	7	-4	E - H	108	-234
K - B	202	-372	H - F	1176	-221
K - C	971	-370	F - G	149	-525

Lumber

Value Set: NDS 2015

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

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 90 plf at 0.29 to 90 plf at 17.90
BC: From 20 plf at 0.00 to 20 plf at 17.90
PLT: 225 lb Conc. Load at (10.47,44.51), (14.47,44.43)

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	20.00	1.29	12.40	3.01

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

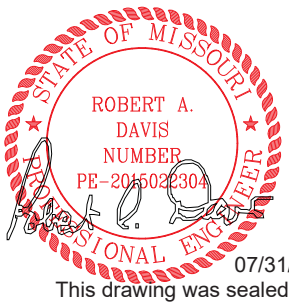
Wind

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

End verticals not exposed to wind pressure.

Additional Notes

Truss must be installed as shown with top chord up.



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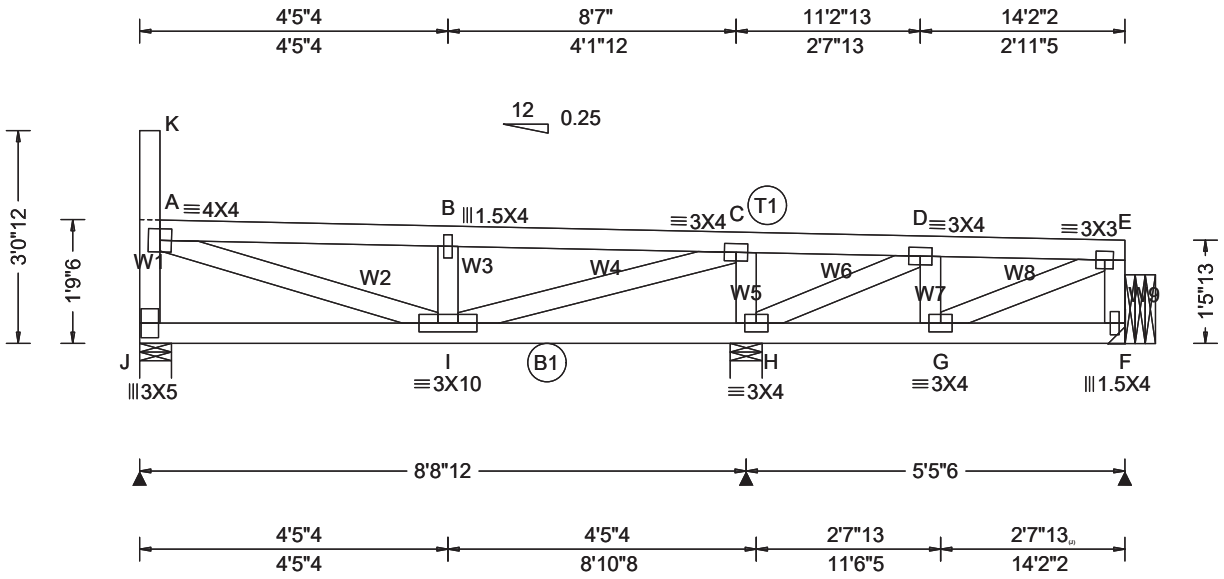
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R18	Ply: 1 Qty: 1 Wgt: 77.0 lbs	SEQN: 81512 / T12 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.65 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.020	B	999	360
VERT(TL): 0.038	B	999	240
HORZ(LL): 0.003	A	-	-
HORZ(TL): 0.005	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.316
Max BC CSI: 0.139
Max Web CSI: 0.406
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J	406	/-	/-	/194	/58	/56
H	951	/-	/-	/450	/122	/-
F	230	/-	/-	/85	/22	/-

Wind reactions based on MWFRS
J Brg Wid = 5.5 Min Req = 1.5
H Brg Wid = 5.5 Min Req = 1.5
F Brg Wid = - Min Req = -
Bearings J & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	334	- 710	C - D	344	- 145
B - C	325	- 712	D - E	58	- 198

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	218	- 123	H - G	207	- 72
I - H	93	- 204	G - F	7	- 3

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
J - A	195	- 364	C - H	315	- 635
A - I	698	- 379	H - D	213	- 494
K - A	7	- 4	D - G	68	- 49
I - B	234	- 400	G - E	207	- 66
I - C	930	- 407	E - F	78	- 202

Lumber

Value Set: NDS 2015

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

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	20.00	1.29	12.40	3.01

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

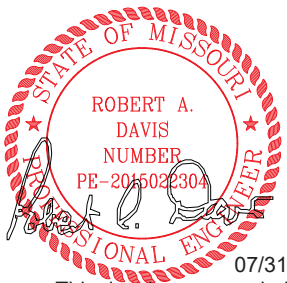
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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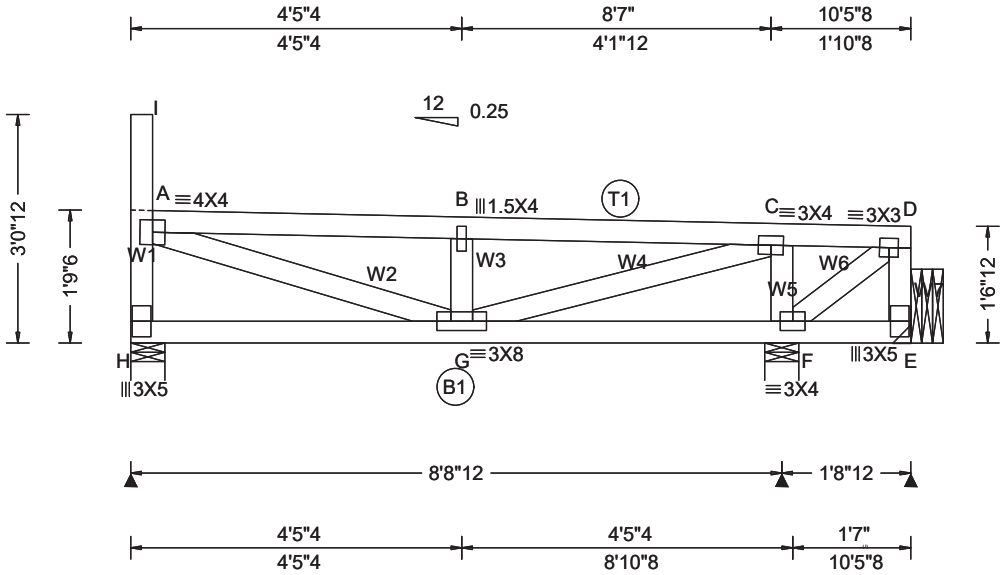
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R19	Ply: 1 Qty: 1 Wgt: 61.6 lbs	SEQN: 81513 / T20 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.69 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.020	B	999	360
VERT(TL): 0.038	B	999	240
HORZ(LL): 0.003	A	-	-
HORZ(TL): 0.005	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.316
Max BC CSI: 0.102
Max Web CSI: 0.407
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	410	/-	/-	/199	/60	/54
F	925	/-	/-	/438	/118	/-
E	-	/-255	/-	/27	/99	/-

Wind reactions based on MWFRS
H Brg Wid = 5.5 Min Req = 1.5
F Brg Wid = 5.5 Min Req = 1.5
E Brg Wid = - Min Req = -
Bearings H & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	392	-721	C - D	272	-135
B - C	382	-723			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
H - G	213	-130	F - E	1	-2
G - F	70	-138			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
H - A	224	-368	G - C	899	-448
A - G	709	-437	C - F	354	-624
I - A	7	-4	F - D	173	-343
G - B	265	-398	D - E	239	-91

Lumber

Value Set: NDS 2015

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

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	20.00	1.29	12.40	3.01

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

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

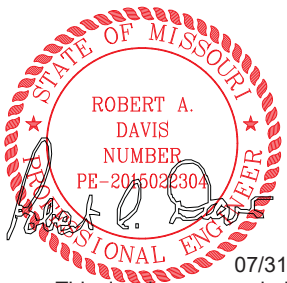
End verticals not exposed to wind pressure.

Additional Notes

Negative reaction(s) of -255# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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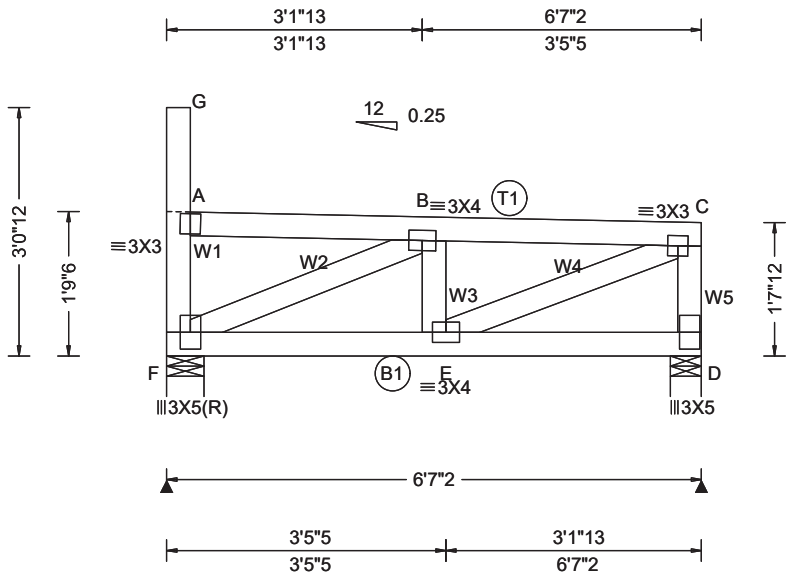
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R20	Ply: 1 Qty: 1 Wgt: 40.6 lbs	SEQN: 81514 / T4 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria

Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.73 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)

Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria

Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.007	B	999	360
VERT(TL): 0.014	B	999	240
HORZ(LL): 0.002	A	-	-
HORZ(TL): 0.003	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.190
Max BC CSI: 0.154
Max Web CSI: 0.343
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	337	/-	/-	/169	/55	/52
D	362	/-	/-	/183	/54	/-

Wind reactions based on MWFRS
F Brg Wid = 5.5 Min Req = 1.5
D Brg Wid = 4.6 Min Req = 1.5
Bearings F & D are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	119	-194	B - C	298	-462

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
F - E	485	-328	E - D	10	-6

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
F - A	71	-91	B - E	167	-126
F - B	394	-519	E - C	489	-315
G - A	7	-4	C - D	227	-332

Lumber

Value Set: NDS 2015

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

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	20.00	1.29	12.40	3.01

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

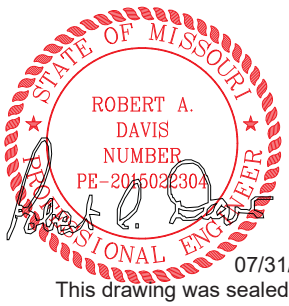
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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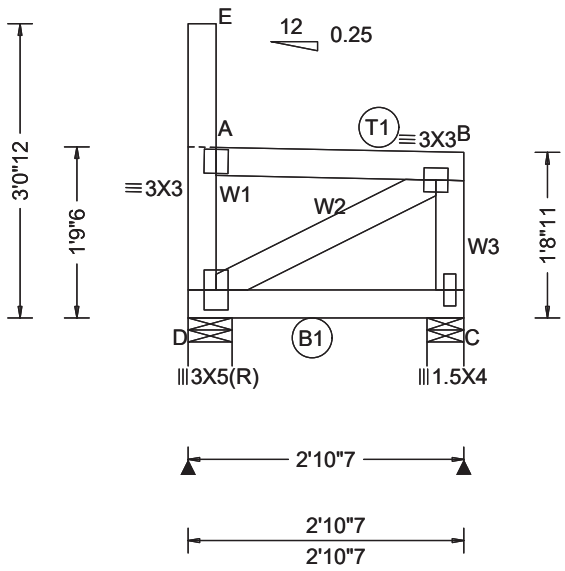
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R21	Ply: 1 Qty: 1 Wgt: 19.6 lbs	SEQN: 81515 / T11 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.77 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.000 B	999	360
VERT(TL):	0.000 B	999	240
HORZ(LL):	0.001 A	-	-
HORZ(TL):	0.001 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.172
Max BC CSI: 0.046
Max Web CSI: 0.344
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
D	133 /-	/-	/89	/52	/49
C	157 /-	/-	/110	/43	/-

Wind reactions based on MWFRS
D Brg Wid = 5.5 Min Req = 1.5
C Brg Wid = 4.6 Min Req = 1.5
Bearings D & C are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - B	119	-193

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
D - C	7	-4

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - A	90	-107	E - A	7	-4
D - B	220	-125	B - C	160	-128

Lumber
Value Set: NDS 2015
Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3

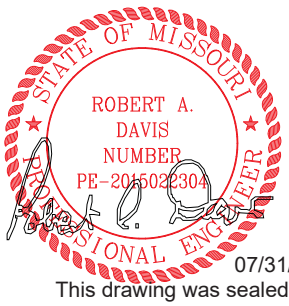
Loading
Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	20.00	1.29	12.40	2.58

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.

Additional Notes
Provide for complete drainage of roof.
Truss must be installed as shown with top chord up.



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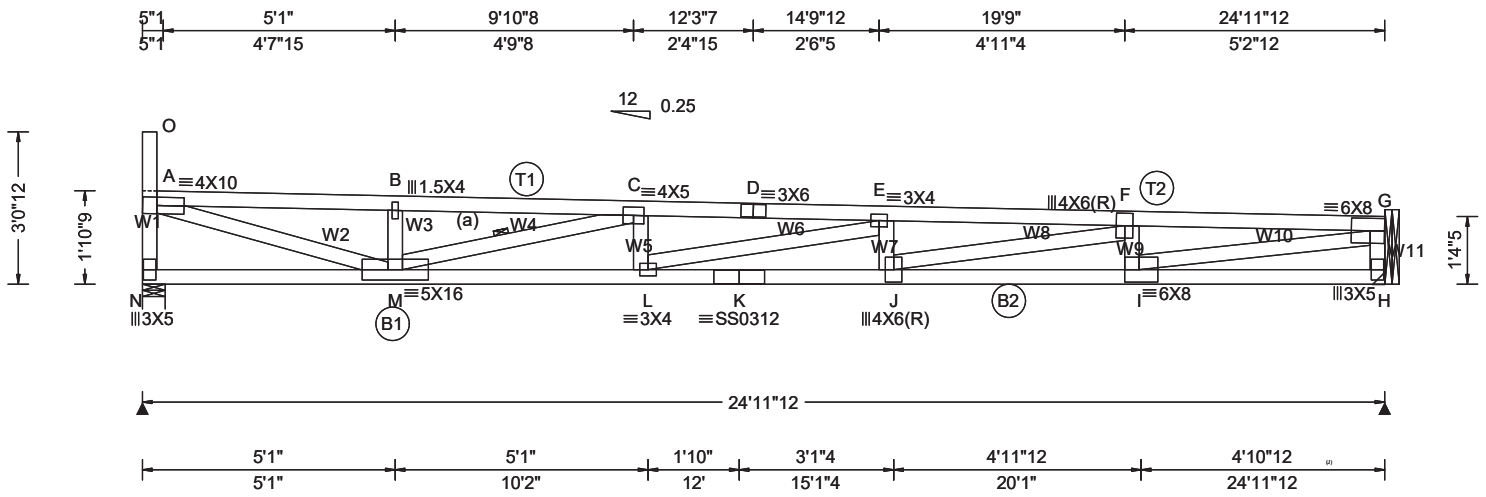
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R22	Ply: 1 Qty: 8 Wgt: 121.8 lbs	SEQN: 81516 / T21 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.64 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 28.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.573 E	523	360
VERT(TL):	1.053 E	284	240
HORZ(LL):	0.078 A	-	-
HORZ(TL):	0.143 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.794
Max BC CSI: 0.599
Max Web CSI: 0.879
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
N	1348	/-	/-	/627	/165	/60
H	1374	/-	/-	/637	/168	/-

Wind reactions based on MWFRS
N Brg Wid = 5.5 Min Req = 1.5
H Brg Wid = - Min Req = -
Bearing N is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	966	- 3851	D - E	1440	- 6029
B - C	960	- 3855	E - F	1519	- 6437
C - D	1441	- 6024	F - G	1091	- 4674

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	151	- 100	K - J	6497	- 1540
M - L	5975	- 1430	J - I	4893	- 1157
L - K	6497	- 1540	I - H	63	- 16

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
N - A	329	- 1293	L - E	158	- 491
A - M	3893	- 932	E - J	131	- 300
O - A	5	- 3	J - F	1586	- 365
M - B	154	- 361	F - I	291	- 942
M - C	545	- 2211	I - G	4711	- 1097
C - L	234	- 3	G - H	331	- 1307

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #1
Bot chord 2x4 SP 2400f-2.0E
Webs 2x4 SP #3 W2 2x4 SP #2; W10 2x4 SP #1;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	24.69	1.19	9.19	2.23

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

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

End verticals not exposed to wind pressure.

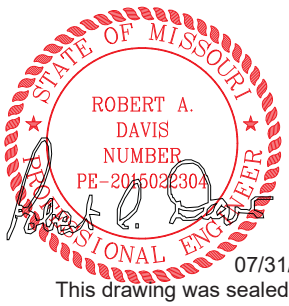
Deflection

Max JT VERT DEFL: LL: 0.57" DL: 0.48". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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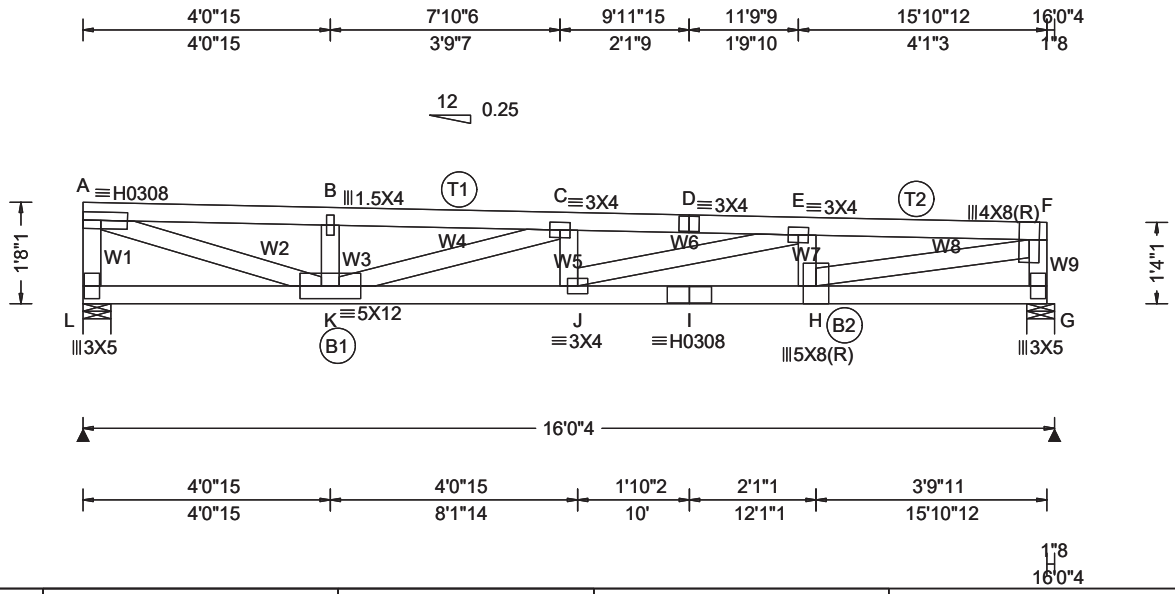
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R23	Ply: 1 Qty: 8 Wgt: 77.0 lbs	SEQN: 81517 / T19 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.53 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 28.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
HS, WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.159	C	999	360
VERT(TL): 0.291	C	654	240
HORZ(LL): 0.029	A	-	-
HORZ(TL): 0.053	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.393
Max BC CSI: 0.719
Max Web CSI: 0.881
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
L	874	/-	/-	/403	/106	/10
G	874	/-	/-	/403	/105	/-

Wind reactions based on MWFRS
L Brg Wid = 5.5 Min Req = 1.5 (Truss)
G Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings L & G are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	587	-2124	D - E	785	-2875
B - C	583	-2124	E - F	618	-2267
C - D	785	-2872			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	24	0	I - H	2403	-668
K - J	2886	-794	H - G	34	-10
J - I	2403	-668			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - L	253	-828	J - E	490	-115
A - K	2212	-614	E - H	214	-566
K - B	167	-386	H - F	2312	-628
K - C	232	-804	F - G	248	-826
C - J	65	-65			

Lumber

Value Set: NDS 2015

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

Wind

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

End verticals not exposed to wind pressure.

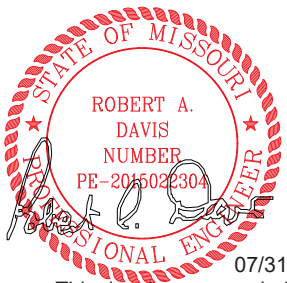
Deflection

Max JT VERT DEFL: LL: 0.16" DL: 0.13". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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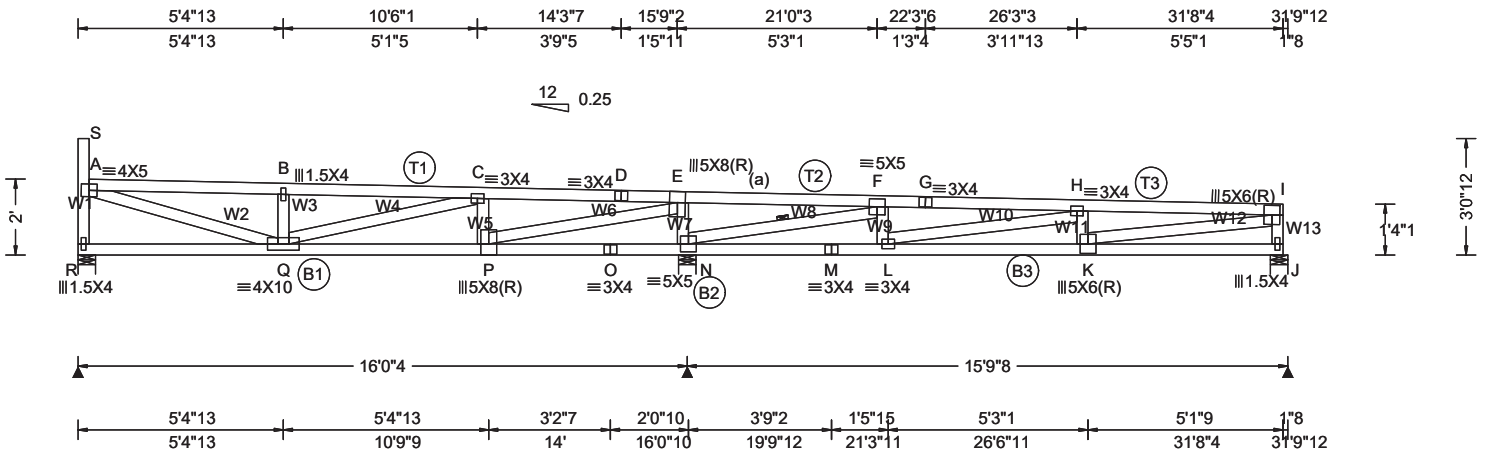
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R24	Ply: 1 Qty: 6 Wgt: 155.4 lbs	SEQN: 81518 / T25 / MONO FROM:	DRW: ... / ... 07/25/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.69 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.18 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.119	H	999	360
VERT(TL): 0.239	H	786	240
HORZ(LL): 0.015	A	-	-
HORZ(TL): 0.030	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.970
Max BC CSI: 0.599
Max Web CSI: 0.974
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
R	730	/-	/-	/316	/86	/60
N	2122	/-	/-	/985	/260	/-
J	710	/-	/-	/308	/81	/-

Wind reactions based on MWFRS
R Brg Wid = 5.5 Min Req = 1.5 (Truss)
N Brg Wid = 5.5 Min Req = 2.1 (Truss)
J Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings R, N, & J are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	312	- 1704	E - F	1933	- 393
B - C	307	- 1708	F - G	183	- 1234
C - D	171	- 1251	G - H	182	- 1241
D - E	170	- 1254	H - I	374	- 2012

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	139	- 66	N - M	1172	- 173
Q - P	1357	- 190	M - L	1172	- 173
P - O	336	- 1662	L - K	2082	- 402
O - N	336	- 1662	K - J	58	- 12

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
R - A	168	- 681	E - N	328	- 1298
A - Q	1702	- 369	N - F	595	- 2815
S - A	4	- 3	F - L	328	- 8
Q - B	169	- 476	L - H	233	- 1046
Q - C	611	- 100	H - K	127	- 310
C - P	187	- 619	K - I	1990	- 366
P - E	2556	- 509	I - J	152	- 655

Lumber

Value Set: NDS 2015

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

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

End verticals not exposed to wind pressure.

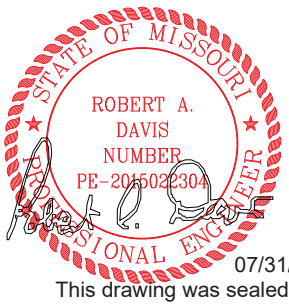
Deflection

Max JT VERT DEFL: LL: 0.12" DL: 0.15". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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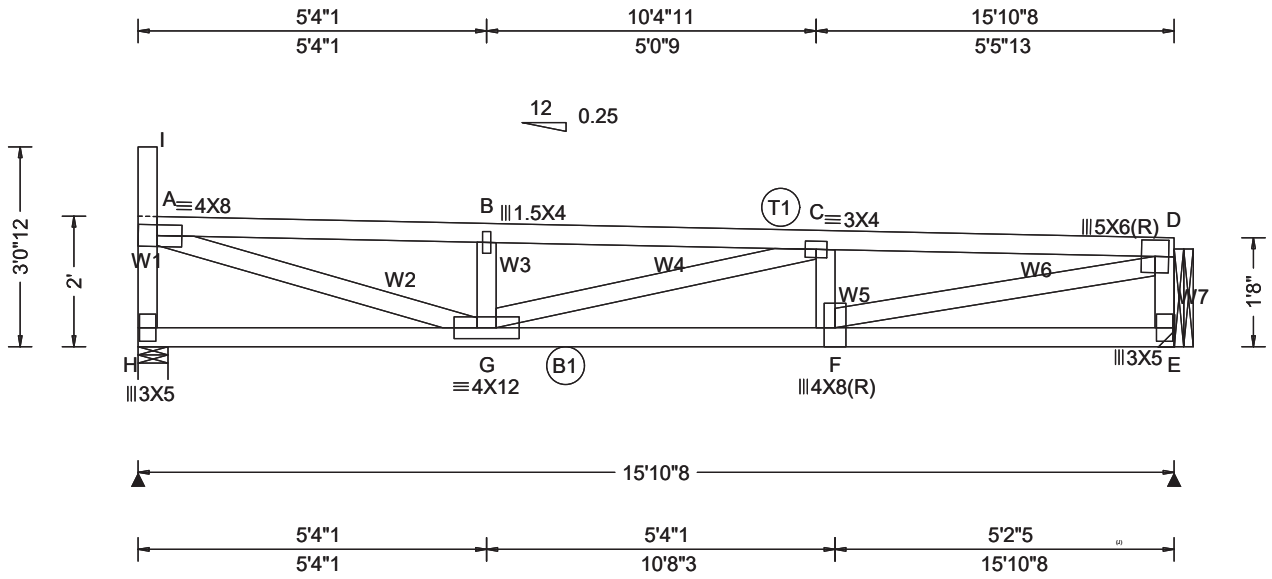
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R25	Ply: 1 Qty: 6 Wgt: 82.6 lbs	SEQN: 81519 / T49 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.85 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.113	C	999	360
VERT(TL): 0.209	C	913	240
HORZ(LL): 0.020	A	-	-
HORZ(TL): 0.036	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.710
Max BC CSI: 0.598
Max Web CSI: 0.829
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	847	/-	/-	/397	/107	/50
E	873	/-	/-	/408	/109	/-

Wind reactions based on MWFRS
H Brg Wid = 5.5 Min Req = 1.5
E Brg Wid = - Min Req = -
Bearing H is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	632	-2073	C - D	614	-2151
B - C	624	-2077			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
H - G	125	-89	F - E	43	-13
G - F	2235	-651			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
H - A	260	-798	G - C	102	-170
A - G	2081	-624	C - F	211	-464
I - A	4	-3	F - D	2176	-619
G - B	196	-432	D - E	263	-820

Lumber

Value Set: NDS 2015

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

Wind

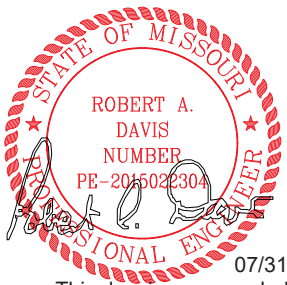
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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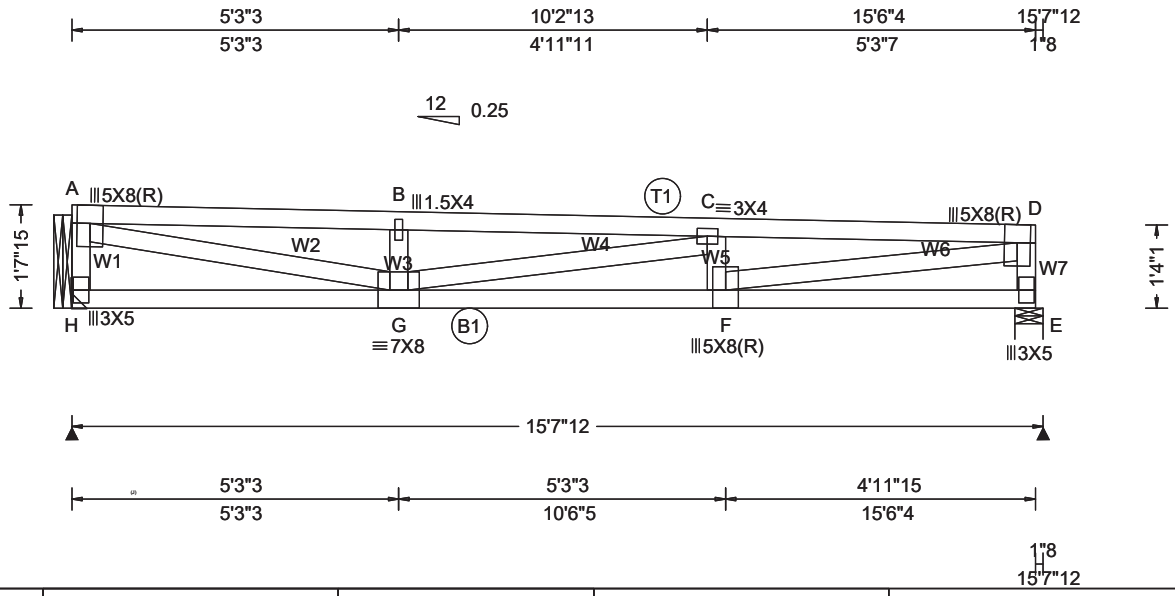
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R26	Ply: 1 Qty: 3 Wgt: 72.8 lbs	SEQN: 81520 / T29 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.52 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.164	C	999	360
VERT(TL): 0.300	C	619	240
HORZ(LL): 0.027	A	-	-
HORZ(TL): 0.050	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.730
Max BC CSI: 0.742
Max Web CSI: 0.980
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	854	/-	/-	/393	/104	/10
E	854	/-	/-	/393	/102	/-

Wind reactions based on MWFRS
H Brg Wid = - Min Req = -
E Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearing E is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	697	-2501	C - D	708	-2583
B - C	692	-2502			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
H - G	44	0	F - E	60	-18
G - F	2687	-753			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - H	253	-798	C - F	199	-450
A - G	2533	-709	F - D	2573	-702
G - B	212	-489	D - E	249	-797
G - C	71	-195			

Lumber

Value Set: NDS 2015

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

Wind

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

End verticals not exposed to wind pressure.

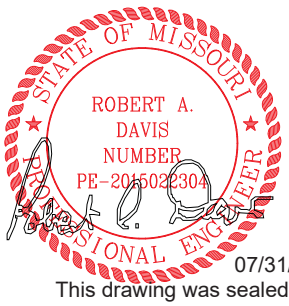
Deflection

Max JT VERT DEFL: LL: 0.16" DL: 0.13". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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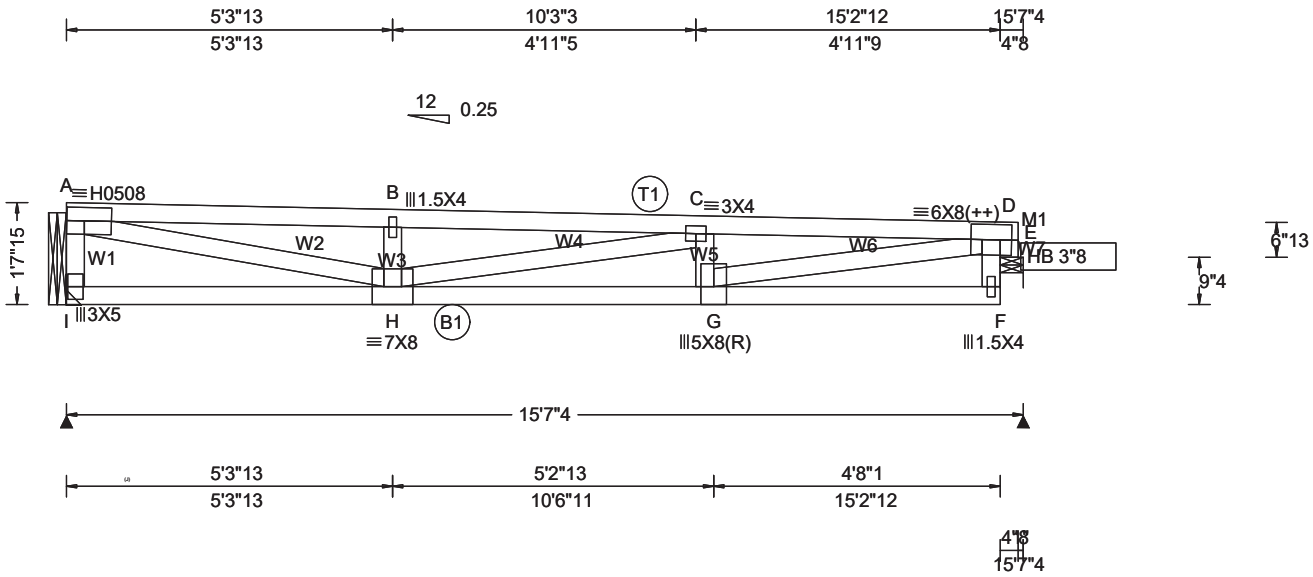
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R26B	Ply: 1 Qty: 3 Wgt: 74.2 lbs	SEQN: 81521 / T103 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.52 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
HS, WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.151	B	999	360
VERT(TL): 0.276	B	666	240
HORZ(LL): 0.025	A	-	-
HORZ(TL): 0.046	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.708
Max BC CSI: 0.711
Max Web CSI: 0.955
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
I	843 /-	/-	/388	/102	/10
E	858 /-	/-	/392	/106	/-

Wind reactions based on MWFRS
I Brg Wid = - Min Req = -
E Brg Wid = 4.5 Min Req = 1.5 (Support)
Bearing E is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	691	-2479	C - D	673	-2463
B - C	686	-2479			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - H	45	0	G - F	215	-71
H - G	2561	-715			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - I	250	-787	C - G	187	-429
A - H	2508	-703	G - D	2299	-614
H - B	217	-501	E - F	53	0
H - C	38	-90	D - E	479	-1332

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3
Rt Bearing Leg: 2x4 SP #3;

Plating Notes

(++) - This plate works for both joints covered.

Wind

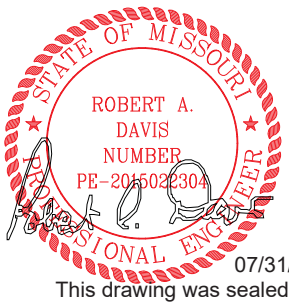
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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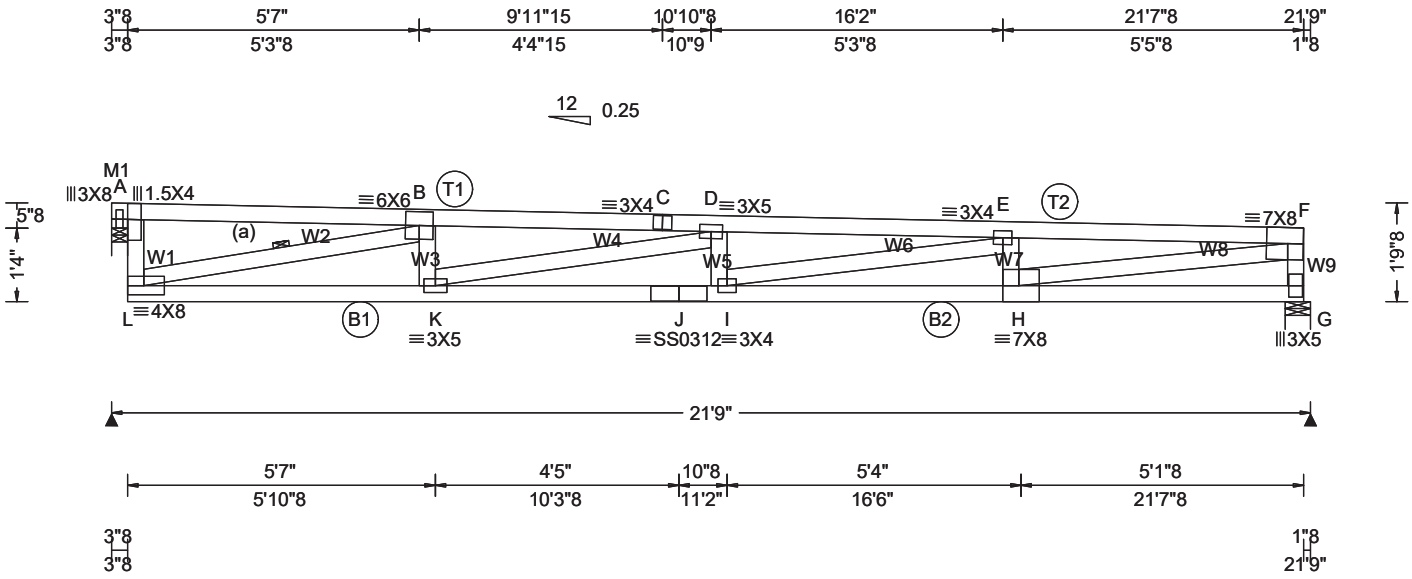
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R27	Ply: 1 Qty: 4 Wgt: 105.0 lbs	SEQN: 81522 / T40 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.59 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.441 D	584	360
VERT(TL):	0.807 D	319	240
HORZ(LL):	-0.063 L	-	-
HORZ(TL):	0.115 L	-	-

Creep Factor: 2.0
Max TC CSI: 0.836
Max BC CSI: 0.857
Max Web CSI: 0.919
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1192	/-	/-	/546	/147	/14
G	1181	/-	/-	/544	/143	/-

Wind reactions based on MWFRS
A Brg Wid = 3.5 Min Req = 1.5 (Truss)
G Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings A & G are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	17	0	D - E	1236	-5035
B - C	921	-3736	E - F	992	-4066
C - D	920	-3737			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	3641	-901	I - H	4240	-1051
K - J	5045	-1246	H - G	70	-18
J - I	5045	-1246			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
L - A	1016	-222	I - E	809	-181
L - B	937	-3777	E - H	259	-745
B - K	448	-33	H - F	4072	-991
K - D	349	-1355	F - G	301	-1116
D - I	80	-77			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2 T2 2x4 SP #1;
Bot chord 2x4 SP #1
Webs 2x4 SP #3 W8 2x4 SP #2;
Lt Bearing Leg: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

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

End verticals not exposed to wind pressure.

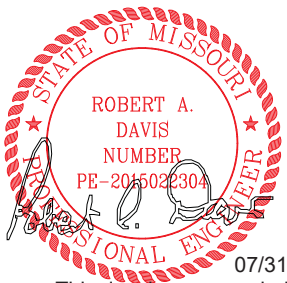
Deflection

Max JT VERT DEFL: LL: 0.44" DL: 0.37". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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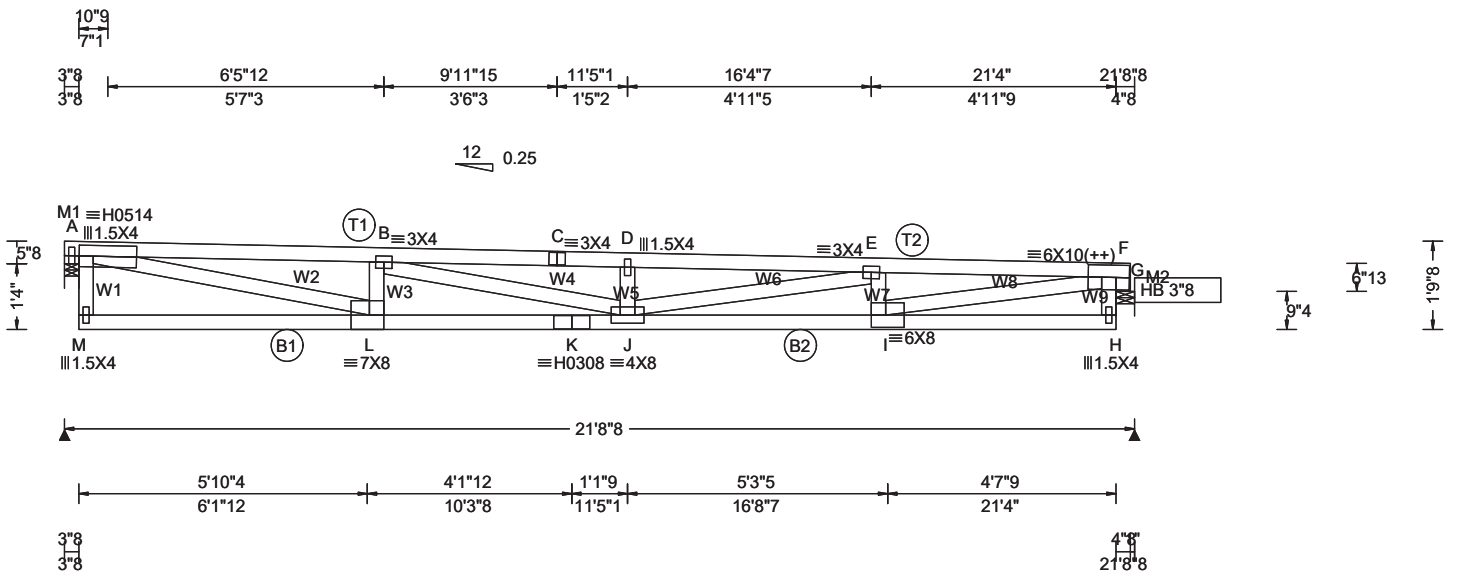
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R27B	Ply: 1 Qty: 3 Wgt: 103.6 lbs	SEQN: 81523 / T120 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.59 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.419	D	609	360
VERT(TL): 0.765	D	333	240
HORZ(LL): -0.071	F	-	-
HORZ(TL): 0.130	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.854
Max BC CSI: 0.742
Max Web CSI: 0.890
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1181	/-	/-	/541	/145	/14
G	1186	/-	/-	/543	/146	/-

Wind reactions based on MWFRS
A Brg Wid = 3.5 Min Req = 1.5 (Truss)
G Brg Wid = 4.5 Min Req = 1.5 (Support)
Bearings A & G are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	953	-3844	D - E	1222	-4968
B - C	1226	-4963	E - F	926	-3804
C - D	1225	-4966			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
M - L	14	-1	J - I	3978	-984
L - K	4022	-997	I - H	258	-74
K - J	4022	-997			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - L	3943	-963	J - E	1011	-237
M - A	64	0	E - I	250	-739
L - B	299	-884	I - F	3630	-871
B - J	974	-225	G - H	61	0
J - D	151	-385	F - G	527	-1694

Lumber

Value Set: NDS 2015

Top chord 2x4 SP 2400f-2.0E T2 2x4 SP #2;
Bot chord 2x4 SP #1
Webs 2x4 SP #3 W2,W3,W8,W9 2x4 SP #2;
Lt Bearing Leg: 2x4 SP #3;
Rt Bearing Leg: 2x4 SP #3;

Plating Notes

(++) - This plate works for both joints covered.

Wind

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

End verticals not exposed to wind pressure.

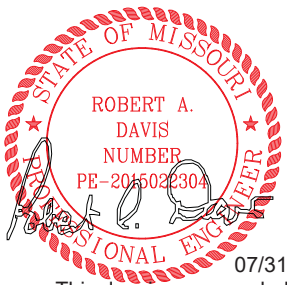
Deflection

Max JT VERT DEFL: LL: 0.42" DL: 0.35". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



07/31/24
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Robert A Davis PE,

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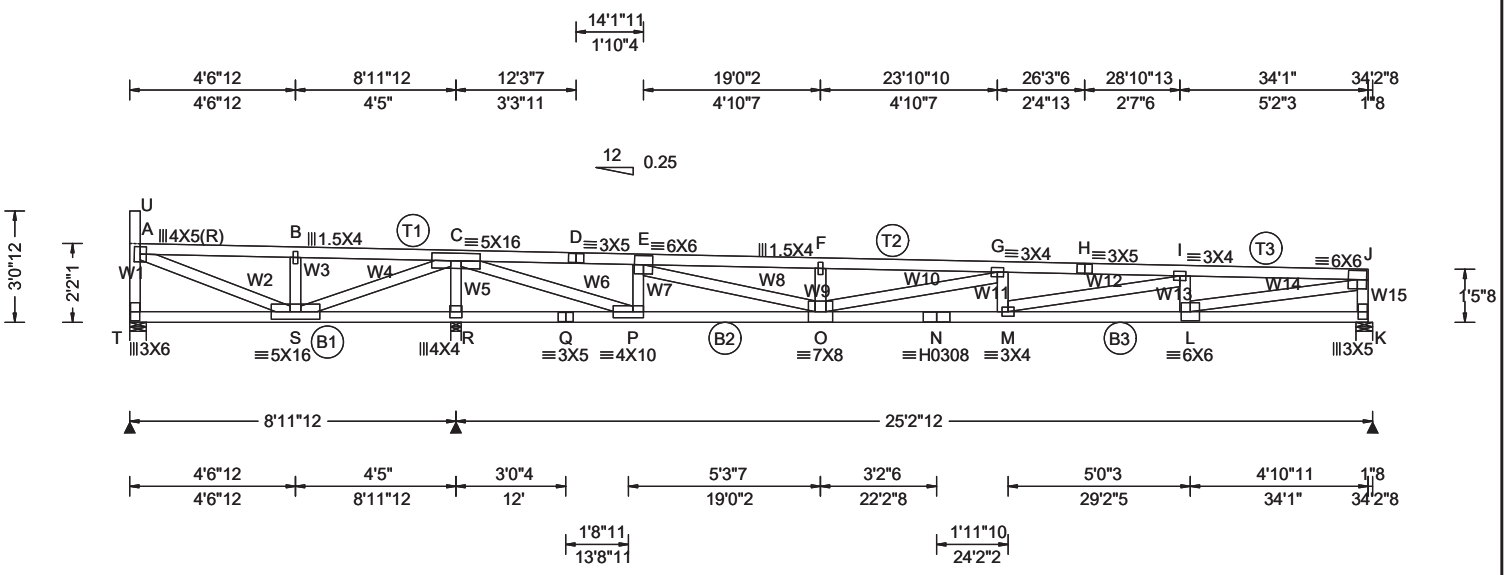
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R28	Ply: 1 Qty: 2 Wgt: 168.0 lbs	SEQN: 81524 / T34 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.83 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.42 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.388	G	775	360
VERT(TL): 0.718	G	419	240
HORZ(LL): -0.044	J	-	-
HORZ(TL): 0.081	J	-	-

Creep Factor: 2.0
Max TC CSI: 0.791
Max BC CSI: 0.720
Max Web CSI: 0.985
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
T	134	/-483	/-	/35	/117	/55
R	2838	/-	/-	/1316	/347	/-
K	1131	/-	/-	/519	/136	/-

Wind reactions based on MWFRS
T Brg Wid = 5.5 Min Req = 1.5 (Truss)
R Brg Wid = 3.5 Min Req = 3.0 (Truss)
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings T, R, & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1476	-243	F - G	635	-3171
B - C	1476	-244	G - H	845	-4254
C - D	68	-307	H - I	845	-4259
D - E	68	-311	I - J	669	-3383
E - F	638	-3170			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
T - S	125	-41	O - N	4273	-854
S - R	701	-3518	N - M	4273	-854
R - Q	700	-3514	M - L	3538	-713
Q - P	700	-3514	L - K	53	-11
P - O	538	-105			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
T - A	524	-92	E - O	2784	-546
A - S	320	-1558	O - F	145	-436
U - A	4	-2	O - G	239	-1159
S - B	144	-439	G - M	91	-96
S - C	2584	-468	M - I	740	-184
R - C	568	-2688	I - L	210	-725
C - P	4015	-791	L - J	3419	-673
P - E	312	-1266	J - K	237	-1072

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #1 T3 2x4 SP #2;
Bot chord 2x4 SP #1 B1 2x4 SP #2;
Webs 2x4 SP #3 W6,W8,W14 2x4 SP #2;

Wind

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

End verticals not exposed to wind pressure.

Deflection

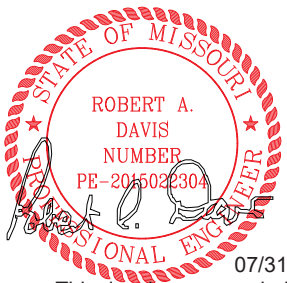
Max JT VERT DEFL: LL: 0.39" DL: 0.38". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Negative reaction(s) of -483# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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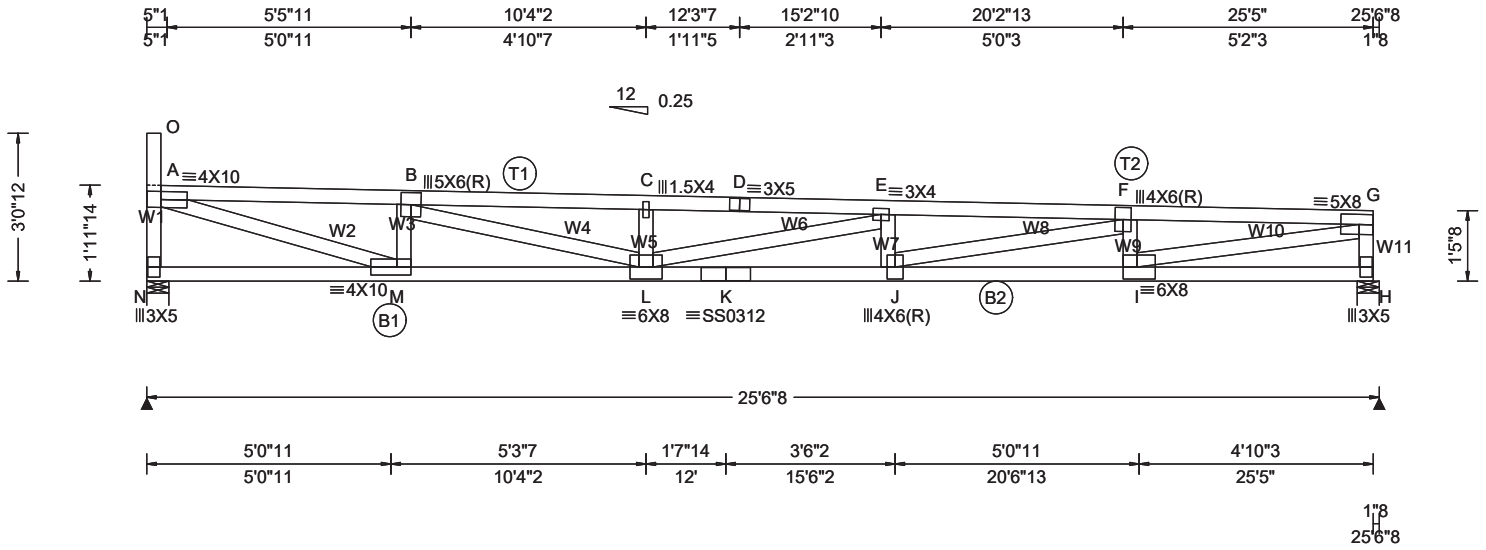
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R29	Ply: 1 Qty: 5 Wgt: 124.6 lbs	SEQN: 81525 / T43 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.74 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.573	E	532	360
VERT(TL): 1.053	E	289	240
HORZ(LL): 0.084	A	-	-
HORZ(TL): 0.155	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.979
Max BC CSI: 0.586
Max Web CSI: 0.853
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
N	1372	/-	/-	/637	/168	/56
H	1398	/-	/-	/648	/171	/-

Wind reactions based on MWFRS
N Brg Wid = 5.5 Min Req = 1.5 (Truss)
H Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings N & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	917	-3726	D - E	1378	-5817
B - C	1383	-5815	E - F	1438	-6159
C - D	1379	-5811	F - G	1016	-4389

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	131	-87	K - J	6219	-1458
M - L	3908	-948	J - I	4599	-1078
L - K	6219	-1458	I - H	55	-14

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
N - A	333	-1319	L - E	133	-424
A - M	3780	-890	E - J	137	-322
O - A	4	-3	J - F	1610	-365
M - B	310	-1004	F - I	296	-975
B - L	2000	-475	I - G	4450	-1027
L - C	153	-410	G - H	334	-1334

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP 2400f-2.0E
Webs 2x4 SP #3 W2 2x4 SP #2; W10 2x4 SP #1;

Wind

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

End verticals not exposed to wind pressure.

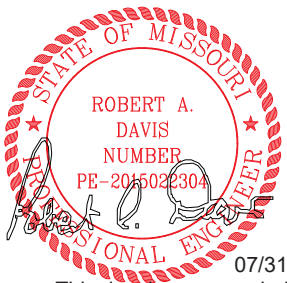
Deflection

Max JT VERT DEFL: LL: 0.57" DL: 0.48". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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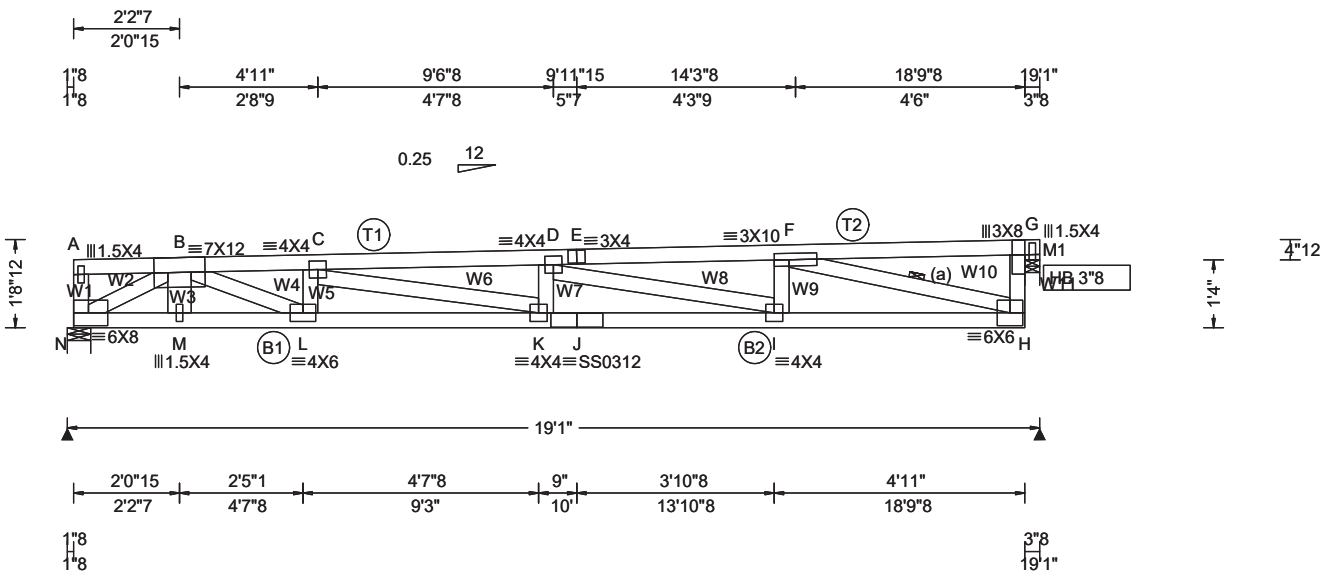
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R30	Ply: 1 Qty: 4 Wgt: 97.3 lbs	SEQN: 81453 / T50 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.55 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.470	D	480	360
VERT(TL): 0.631	D	357	240
HORZ(LL): 0.082	B	-	-
HORZ(TL): 0.110	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.981
Max BC CSI: 0.994
Max Web CSI: 0.948
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
N	2458	/-	/-	/477	/867	/12
G	1222	/-	/-	/478	/221	/-

Wind reactions based on MWFRS
N Brg Wid = 5.5 Min Req = 2.0 (Truss)
G Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings N & G are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	9	-28	D - E	757	-3642
B - C	1525	-5354	E - F	758	-3641
C - D	1181	-5306	F - G	22	-8

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	4321	-1552	K - J	5274	-1168
M - L	4321	-1552	J - I	5274	-1168
L - K	5406	-1506	I - H	3515	-758

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - N	37	-126	K - D	128	-234
N - B	1742	-4850	D - I	486	-1703
B - M	83	-42	I - F	578	-96
B - L	1834	-387	F - H	794	-3679
L - C	196	-711	G - H	1076	-208
C - K	1212	-351			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP 2400f-2.0E B2 2x4 SP #1;
Webs 2x4 SP #3 W3 2x6 SP #1;
Rt Bearing Leg: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 90 plf at 0.00 to 90 plf at 18.96
BC: From 20 plf at 0.00 to 20 plf at 18.67
TC: 1600 lb Conc. Load at 2.08

Wind

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

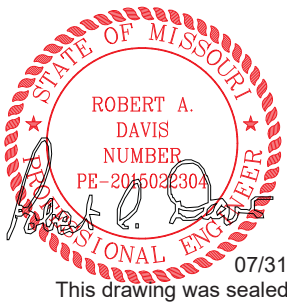
End verticals not exposed to wind pressure.

Deflection

Max JT VERT DEFL: LL: 0.47" DL: 0.21". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Truss must be installed as shown with top chord up.



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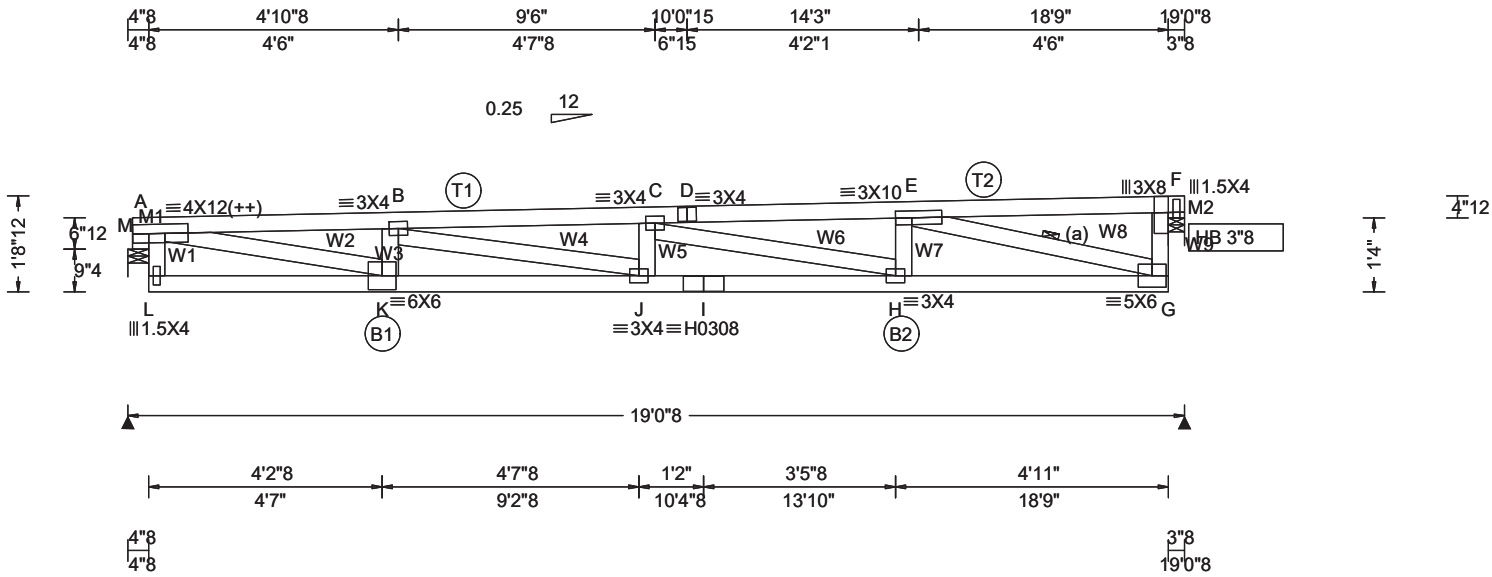
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R30B	Ply: 1 Qty: 2 Wgt: 95.2 lbs	SEQN: 81527 / T101 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.55 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.286	C	781	360
VERT(TL): 0.522	C	428	240
HORZ(LL): -0.025	F	-	-
HORZ(TL): 0.045	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.679
Max BC CSI: 0.961
Max Web CSI: 0.653
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
M	1039	/-	/-	/475	/128	/12
F	1034	/-	/-	/473	/128	/-

Wind reactions based on MWFRS
M Brg Wid = 4.5 Min Req = 1.5 (Support)
F Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings M & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	760	-3015	D - E	745	-2935
B - C	986	-3873	E - F	17	-8
C - D	744	-2936			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	204	-65	I - H	3889	-1015
K - J	3168	-831	H - G	2852	-746
J - I	3889	-1015			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - M	53	0	J - C	80	-95
A - K	2892	-732	C - H	274	-996
M - A	401	-1415	H - E	376	-29
M - L	53	0	E - G	782	-2984
K - B	229	-644	F - G	881	-204
B - J	723	-171			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3 W2,W3 2x4 SP #2;
Lt Bearing Leg: 2x4 SP #3;
Rt Bearing Leg: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

(++) - This plate works for both joints covered.

Wind

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

End verticals not exposed to wind pressure.

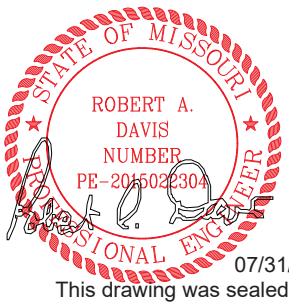
Deflection

Max JT VERT DEFL: LL: 0.29" DL: 0.24". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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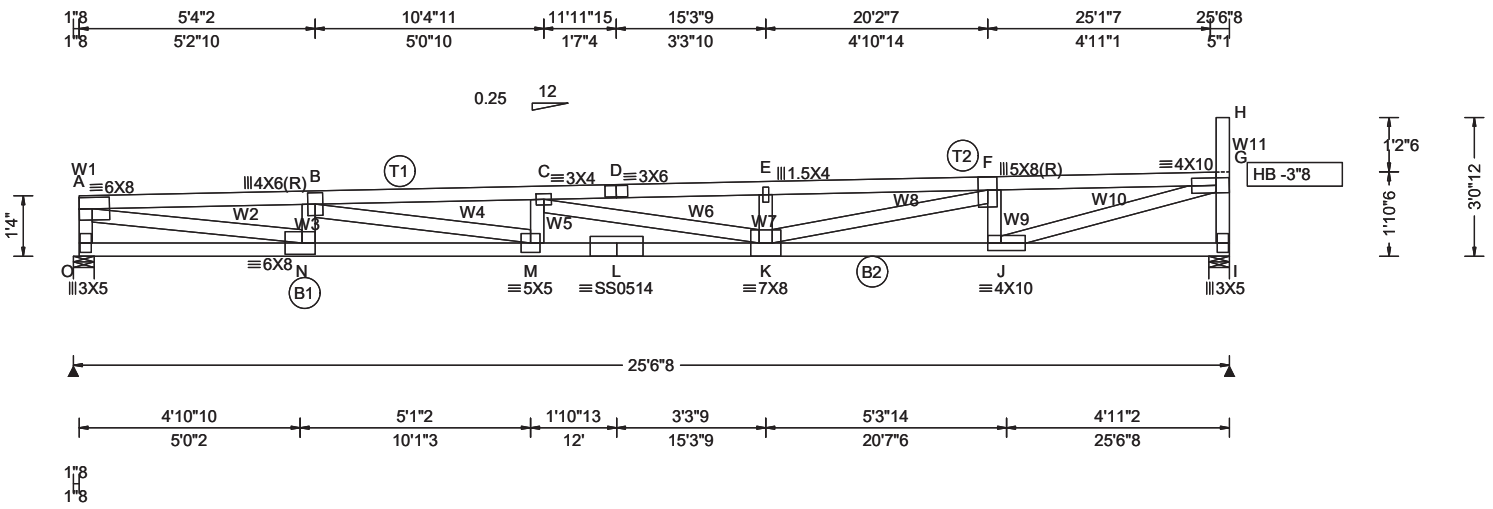
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R31	Ply: 1 Qty: 30 Wgt: 121.8 lbs	SEQN: 81528 / T44 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.62 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 28.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.637 C	478	360
VERT(TL):	1.170 C	260	240
HORZ(LL):	0.068 A	-	-
HORZ(TL):	0.125 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.868
Max BC CSI: 0.639
Max Web CSI: 0.901
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
O	1398	/-	/-	/648	/171	/61
I	1372	/-	/-	/638	/168	/-

Wind reactions based on MWFRS
O Brg Wid = 5.5 Min Req = 1.5 (Truss)
I Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings O & I are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1126	- 4860	D - E	1500	- 6309
B - C	1581	- 6761	E - F	1504	- 6311
C - D	1499	- 6312	F - G	979	- 3951

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	66	- 135	L - K	6823	- 1605
N - M	5089	- 1249	K - J	4149	- 976
M - L	6823	- 1605	J - I	111	- 64

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - O	334	- 1330	E - K	156	- 416
A - N	4895	- 1131	K - F	2250	- 535
N - B	295	- 964	F - J	311	- 1009
B - M	1714	- 389	J - G	3992	- 940
M - C	134	- 306	G - I	332	- 1320
C - K	161	- 534	H - G	5	- 3

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #1
Bot chord 2x4 SP 2400f-2.0E
Webs 2x4 SP #3 W2 2x4 SP #1; W10 2x4 SP #2;

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
25.25	0.00	25.25	1.20	9.66	2.35

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

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

End verticals not exposed to wind pressure.

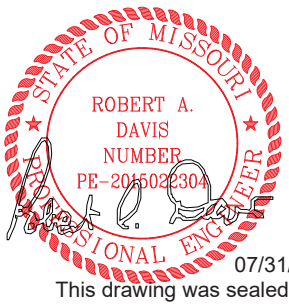
Deflection

Max JT VERT DEFL: LL: 0.63" DL: 0.53". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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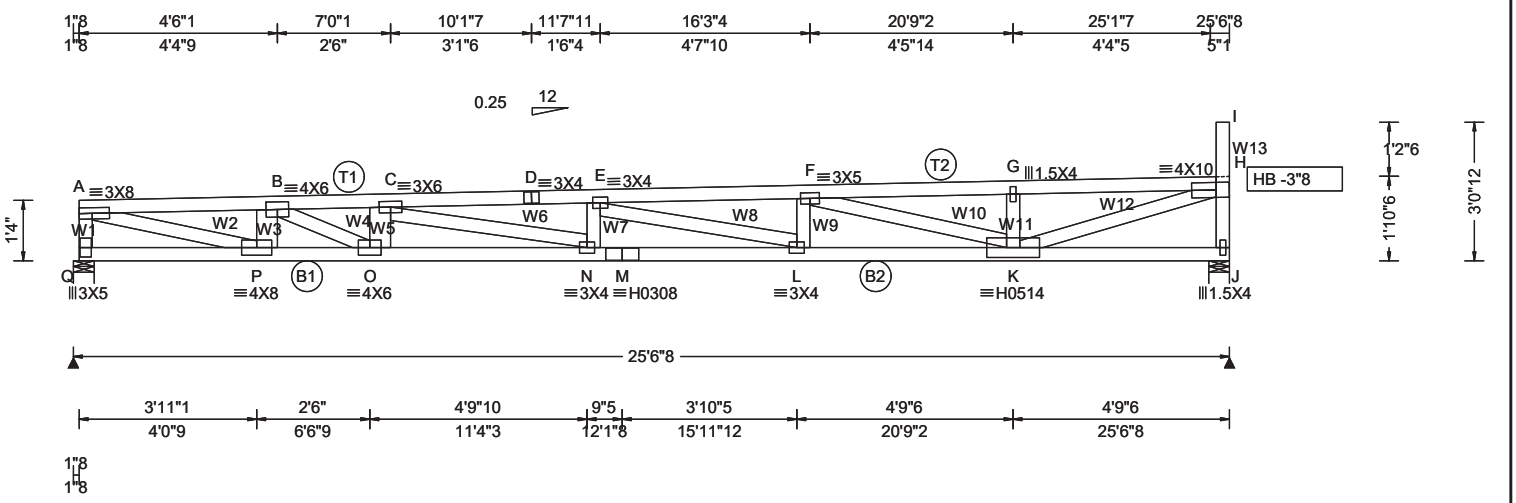
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R31	Ply: 2 Qty: 3 Wgt: 254.8 lbs	SEQN: 81435 / T62 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria

Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.62 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 28.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)

Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria

Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.575	E	530	360
VERT(TL): 0.748	E	407	240
HORZ(LL): 0.069	A	-	-
HORZ(TL): 0.090	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.440
Max BC CSI: 0.488
Max Web CSI: 0.875
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Q	1924	/-	/-	/648	/443	/61
J	1611	/-	/-	/638	/287	/-

Wind reactions based on MWFRS
Q Brg Wid = 5.5 Min Req = 1.5 (Truss)
J Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings Q & J are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	644	-2770	E - F	791	-3850
B - C	1185	-4464	F - G	467	-2262
C - D	1091	-4722	G - H	470	-2261
D - E	1090	-4719			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Q - P	38	-66	M - L	4702	-1079
P - O	3073	-725	L - K	3785	-776
O - N	4811	-1326	K - J	60	-31
N - M	4702	-1079			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - Q	219	-913	E - L	301	-892
A - P	2823	-655	L - F	306	-70
P - B	220	-825	F - K	367	-1595
B - O	1946	-712	G - K	71	-166
O - C	395	-975	K - H	2297	-453
C - N	557	-107	H - J	165	-778
N - E	74	-115	I - H	2	-2

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #1
Bot chord 2x4 SP 2400f-2.0E
Webs 2x4 SP #3 W2 2x4 SP #2; W3,W5 2x6 SP #1;

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 90 plf at 0.00 to 90 plf at 25.13
BC: From 20 plf at 0.00 to 20 plf at 25.42
TC: -1100 lb Conc. Load at 4.15
TC: 1600 lb Conc. Load at 6.65

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
25.25	0.00	25.25	1.20	9.66	2.35

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

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

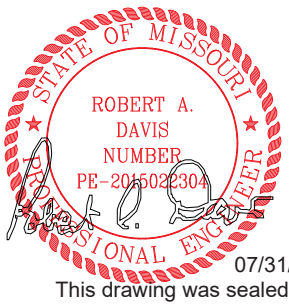
End verticals not exposed to wind pressure.

Deflection

Max JT VERT DEFL: LL: 0.57" DL: 0.25". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Truss must be installed as shown with top chord up.



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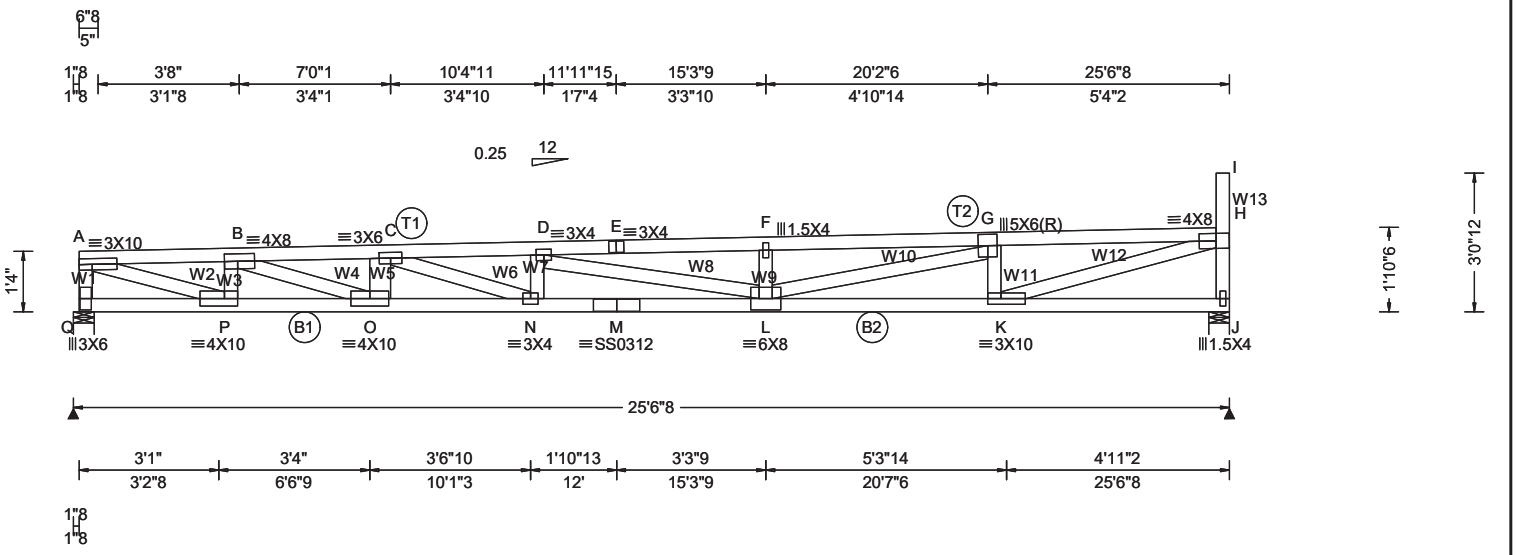
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R31	Ply: 2 Qty: 2 Wgt: 253.4 lbs	SEQN: 81437 / T67 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 0.00 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 28.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.664 D	459	360
VERT(TL):	0.934 D	326	240
HORZ(LL):	0.086 A	-	-
HORZ(TL):	0.120 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.678
Max BC CSI: 0.627
Max Web CSI: 0.873
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Q	2579	/-	/-	/648	/785	/61
J	1790	/-	/-	/638	/381	/-

Wind reactions based on MWFRS
Q Brg Wid = 5.5 Min Req = 1.5 (Truss)
J Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings Q & J are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1086	-3422	E - F	1191	-4712
B - C	1923	-5844	F - G	1191	-4713
C - D	1723	-5904	G - H	609	-2692
D - E	1191	-4713			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Q - P	24	-63	M - L	5867	-1697
P - O	3700	-1180	L - K	2831	-647
O - N	6150	-2039	K - J	69	-32
N - M	5867	-1697			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - Q	389	-1251	D - L	523	-1194
A - P	3571	-1135	F - L	79	-216
P - B	377	-1116	L - G	1961	-567
B - O	2291	-794	G - K	194	-708
O - C	328	-867	K - H	2727	-618
C - N	1004	-323	H - J	197	-868
N - D	153	-326	I - H	2	-2

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #1
Bot chord 2x4 SP 2400f-2.0E
Webs 2x4 SP #3 W2,W12 2x4 SP #2; W5 2x6 SP #1;

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 90 plf at 0.00 to 90 plf at 25.13
BC: From 20 plf at 0.00 to 20 plf at 25.42
TC: 1600 lb Conc. Load at 6.65

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
25.25	0.00	25.25	1.20	9.66	2.35

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

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

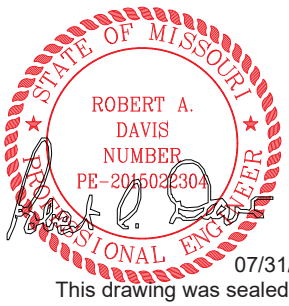
End verticals not exposed to wind pressure.

Deflection

Max JT VERT DEFL: LL: 0.66" DL: 0.27". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Truss must be installed as shown with top chord up.



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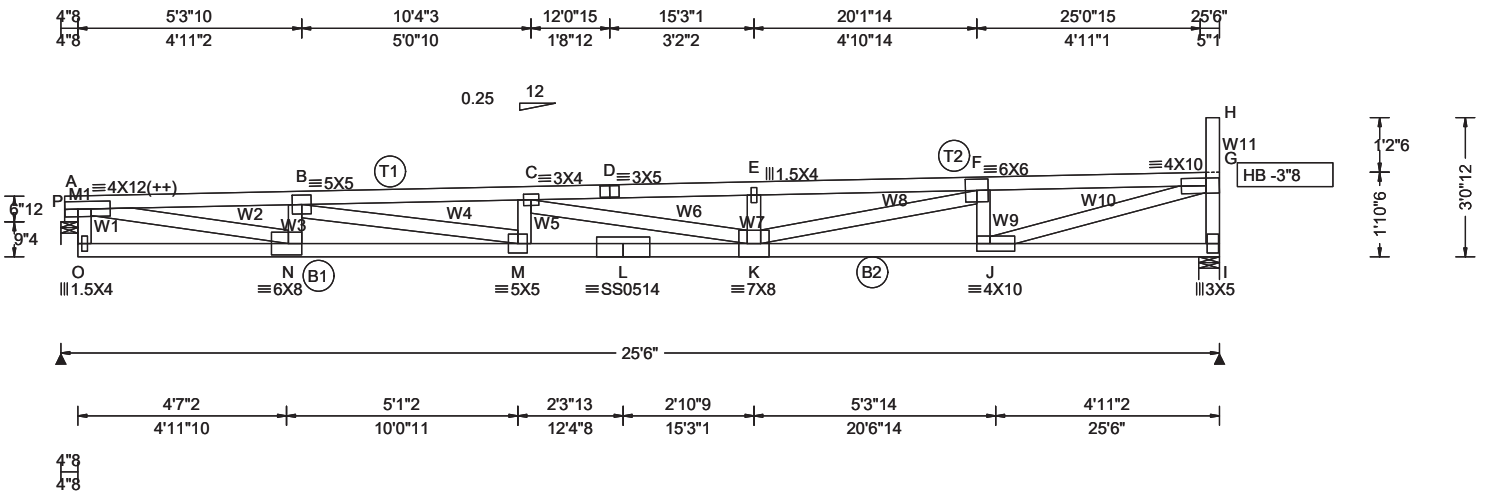
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R31B	Ply: 1 Qty: 2 Wgt: 123.2 lbs	SEQN: 81529 / T77 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.62 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.609 C	496	360
VERT(TL):	1.117 C	270	240
HORZ(LL):	-0.072 G	-	-
HORZ(TL):	0.132 G	-	-

Creep Factor: 2.0
Max TC CSI: 0.866
Max BC CSI: 0.630
Max Web CSI: 0.893
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
P	1402	/-	/-	/645	/174	/61
I	1361	/-	/-	/632	/165	/-

Wind reactions based on MWFRS
P Brg Wid = 4.5 Min Req = 1.5 (Support)
I Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings P & I are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1100	-4668	D - E	1490	-6232
B - C	1566	-6637	E - F	1494	-6233
C - D	1490	-6235	F - G	975	-3915

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	271	-97	L - K	6704	-1551
N - M	4892	-1144	K - J	4111	-971
M - L	6704	-1551	J - I	111	-64

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - P	64	0	C - K	135	-490
A - N	4503	-1019	E - K	155	-414
P - A	495	-1895	K - F	2209	-512
P - O	64	0	F - J	306	-999
N - B	283	-943	J - G	3955	-920
B - M	1789	-404	G - I	326	-1309
M - C	139	-327	H - G	5	-3

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #1
Bot chord 2x4 SP 2400f-2.0E
Webs 2x4 SP #3 W2 2x4 SP #1; W3,W10,
W11 2x4 SP #2;
Lt Bearing Leg: 2x4 SP #3;

Plating Notes

(++) - This plate works for both joints covered.

Loading

Drifting snow load has been considered for only
in plane loading as follows:
Location Lu1 Lu2 Height Pd W
Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

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

End verticals not exposed to wind pressure.

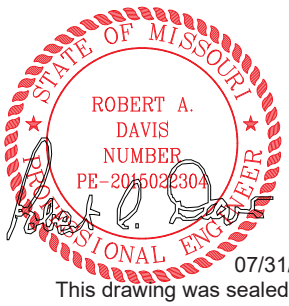
Deflection

Max JT VERT DEFL: LL: 0.60" DL: 0.50". See detail
DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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Robert A Davis PE,

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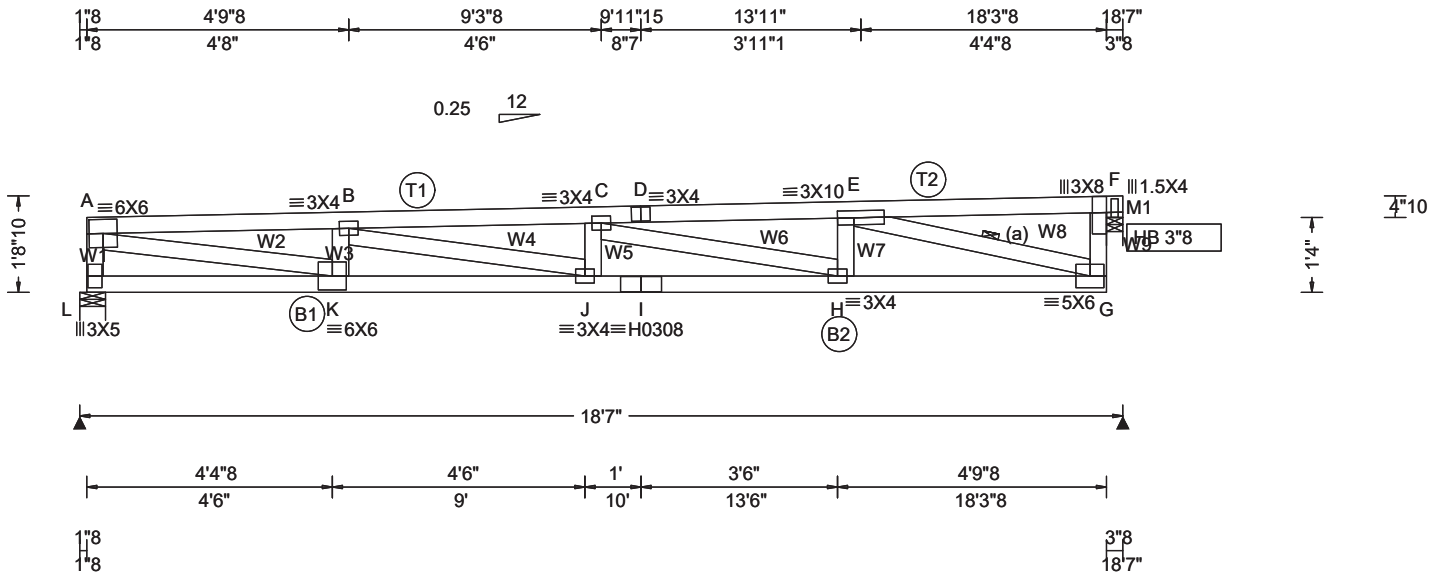
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R32	Ply: 1 Qty: 10 Wgt: 95.2 lbs	SEQN: 81530 / T46 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.55 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 28.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.273	C	805	360
VERT(TL): 0.499	C	440	240
HORZ(LL): 0.040	G	-	-
HORZ(TL): 0.073	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.654
Max BC CSI: 0.929
Max Web CSI: 0.682
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	/ Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
L	1007	/-	/-	/464	/121	/12
F	1017	/-	/-	/465	/127	/-

Wind reactions based on MWFRS
L Brg Wid = 5.5 Min Req = 1.5 (Truss)
F Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings L & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	771	-2992	D - E	730	-2836
B - C	973	-3758	E - F	18	-8
C - D	730	-2837			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	48	-31	I - H	3770	-999
K - J	3146	-844	H - G	2754	-730
J - I	3770	-999			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - L	271	-952	C - H	274	-977
A - K	3022	-777	H - E	374	-32
K - B	234	-646	E - G	767	-2887
B - J	629	-144	F - G	869	-205
J - C	71	-76			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3 W2 2x4 SP #2;
Rt Bearing Leg: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

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

End verticals not exposed to wind pressure.

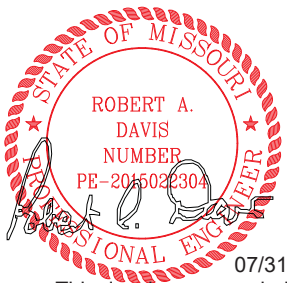
Deflection

Max JT VERT DEFL: LL: 0.27" DL: 0.23". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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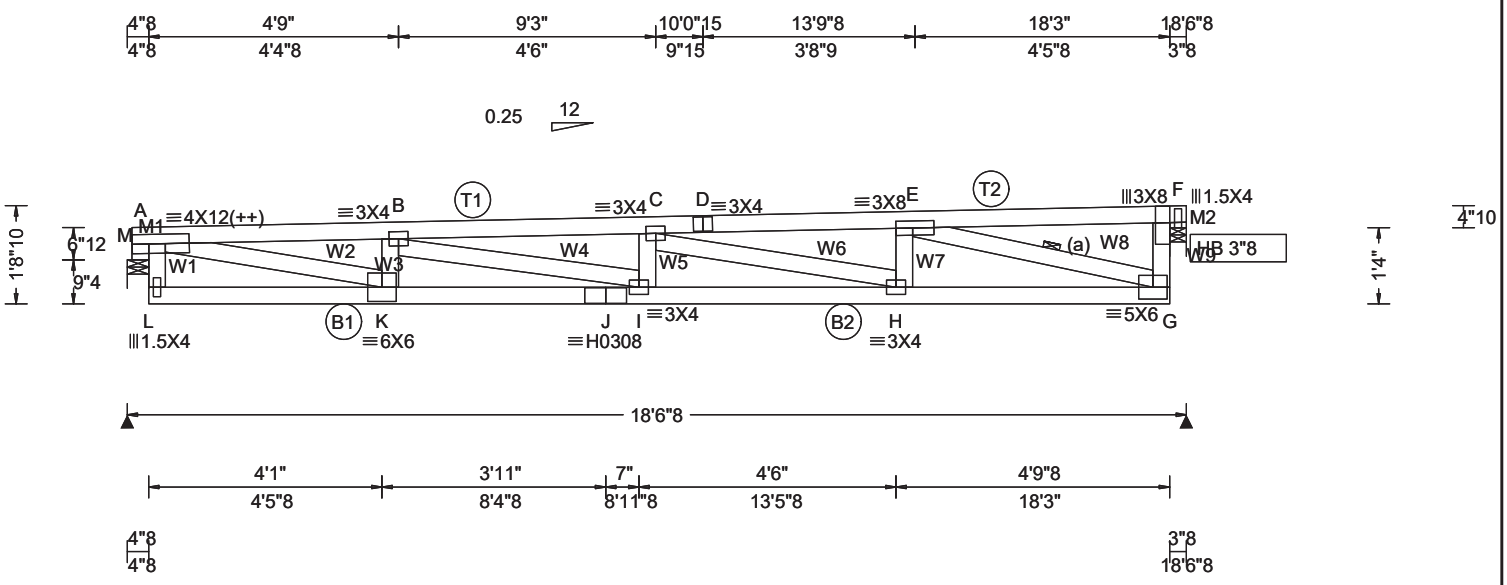
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R32B	Ply: 1 Qty: 3 Wgt: 92.4 lbs	SEQN: 81531 / T95 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.55 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.259	C	839	360
VERT(TL): 0.472	C	460	240
HORZ(LL): -0.023	F	-	-
HORZ(TL): 0.042	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.651
Max BC CSI: 0.914
Max Web CSI: 0.620
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
M	1012	/-	/-	/463	/125	/12
F	1007	/-	/-	/461	/125	/-

Wind reactions based on MWFRS
M Brg Wid = 4.5 Min Req = 1.5 (Support)
F Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings M & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	727	-2856	D - E	717	-2797
B - C	948	-3682	E - F	17	-8
C - D	717	-2798			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	193	-62	I - H	3699	-976
K - J	3006	-797	H - G	2716	-718
J - I	3006	-797			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - M	51	0	I - C	78	-95
A - K	2745	-702	C - H	263	-943
M - A	388	-1359	H - E	364	-29
M - L	51	0	E - G	754	-2848
K - B	226	-629	F - G	858	-201
B - I	696	-167			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3 W2 2x4 SP #2;
Lt Bearing Leg: 2x4 SP #3;
Rt Bearing Leg: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

(++) - This plate works for both joints covered.

Wind

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

End verticals not exposed to wind pressure.

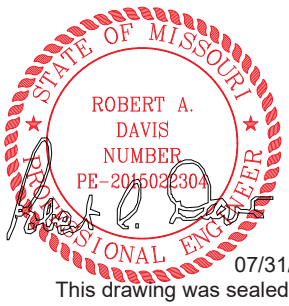
Deflection

Max JT VERT DEFL: LL: 0.26" DL: 0.21". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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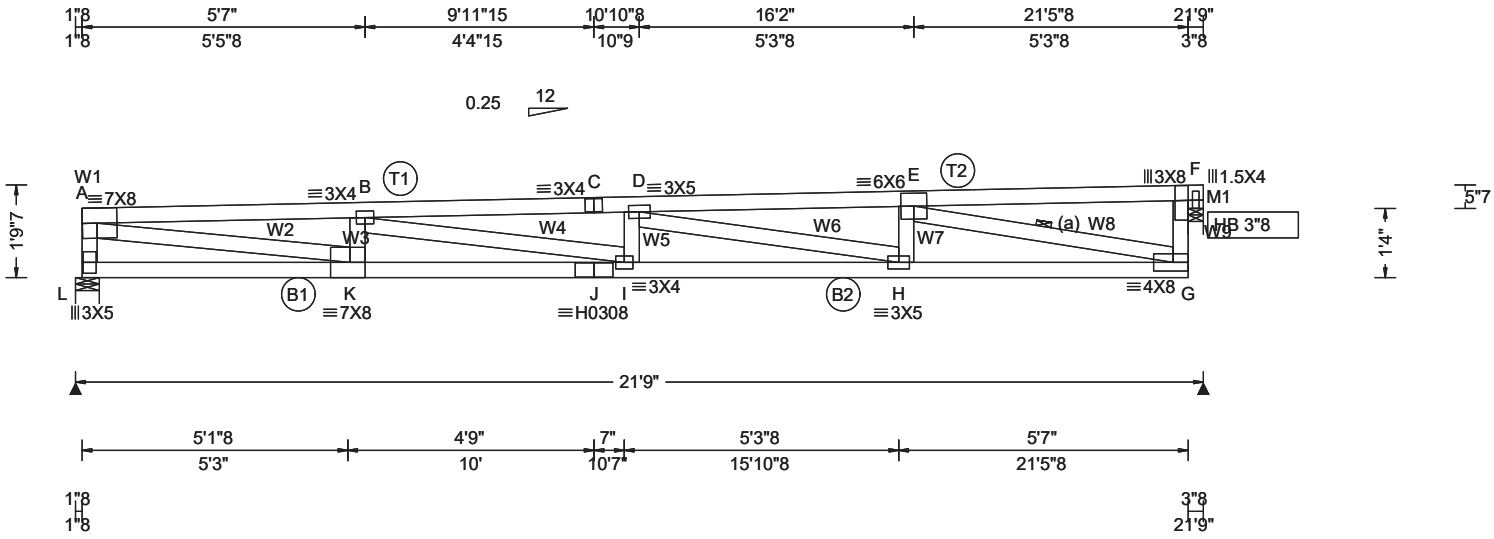
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R33	Ply: 1 Qty: 4 Wgt: 105.0 lbs	SEQN: 81532 / T53 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.58 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.447	D	576	360
VERT(TL): 0.817	D	315	240
HORZ(LL): 0.055	G	-	-
HORZ(TL): 0.100	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.836
Max BC CSI: 0.861
Max Web CSI: 0.923
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
L	1181	/-	/-	/544	/142	/14
F	1192	/-	/-	/546	/148	/-

Wind reactions based on MWFRS
L Brg Wid = 5.5 Min Req = 1.5 (Truss)
F Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings L & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	989	-4082	D - E	907	-3749
B - C	1228	-5050	E - F	17	-8
C - D	1228	-5042			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	71	-38	I - H	5061	-1257
K - J	4257	-1069	H - G	3652	-908
J - I	4257	-1069			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - L	299	-1116	D - H	354	-1358
A - K	4087	-988	H - E	448	-34
K - B	258	-744	E - G	944	-3789
B - I	808	-175	F - G	1016	-223
I - D	79	-76			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #1 T2 2x4 SP #2;
Bot chord 2x4 SP #1
Webs 2x4 SP #3 W2 2x4 SP #2;
Rt Bearing Leg: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

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

End verticals not exposed to wind pressure.

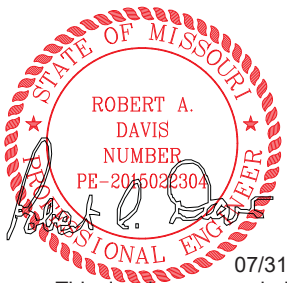
Deflection

Max JT VERT DEFL: LL: 0.45" DL: 0.37". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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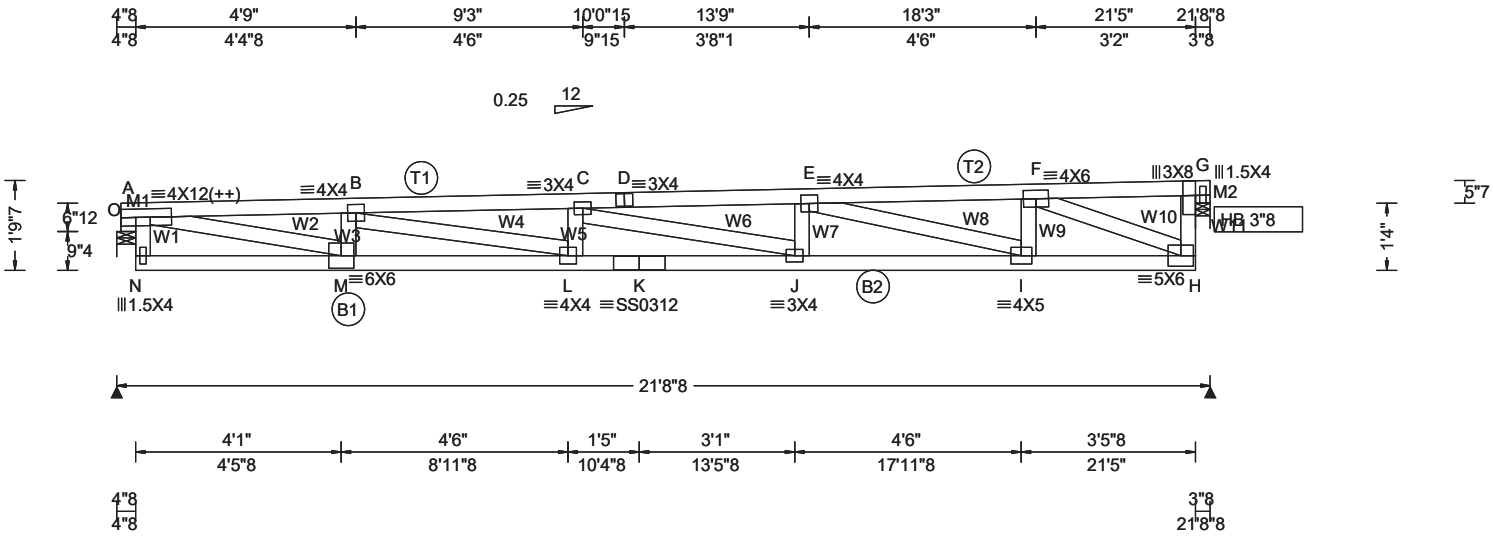
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R33B	Ply: 1 Qty: 3 Wgt: 109.2 lbs	SEQN: 81533 / T122 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.58 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.387 C	660	360
VERT(TL):	0.705 C	362	240
HORZ(LL):	-0.043 G	-	-
HORZ(TL):	0.078 G	-	-

Creep Factor: 2.0
Max TC CSI: 0.679
Max BC CSI: 0.848
Max Web CSI: 0.832
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
O	1186	/-	/-	/543	/146	/14
G	1181	/-	/-	/541	/146	/-

Wind reactions based on MWFRS
O Brg Wid = 4.5 Min Req = 1.5 (Support)
G Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings O & G are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	832	-3478	D - E	1079	-4453
B - C	1185	-4902	E - F	614	-2547
C - D	1079	-4455	F - G	27	-8

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	216	-65	K - J	4954	-1225
M - L	3668	-912	J - I	4399	-1088
L - K	4954	-1225	I - H	2406	-596

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - O	55	0	C - J	143	-525
A - M	3364	-810	J - E	237	-2
O - A	414	-1557	E - I	492	-1946
O - N	55	0	I - F	685	-115
M - B	253	-790	F - H	661	-2667
B - L	1273	-297	G - H	1127	-262
L - C	116	-251			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #1
Webs 2x4 SP #3 W2,W3 2x4 SP #2;
Lt Bearing Leg: 2x4 SP #3;
Rt Bearing Leg: 2x4 SP #3;

Plating Notes

(++) - This plate works for both joints covered.

Wind

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

End verticals not exposed to wind pressure.

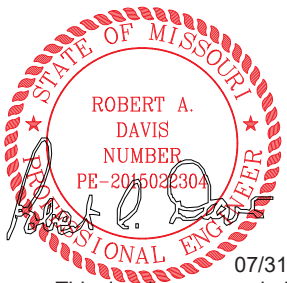
Deflection

Max JT VERT DEFL: LL: 0.38" DL: 0.32". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



07/31/24
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Robert A Davis PE,

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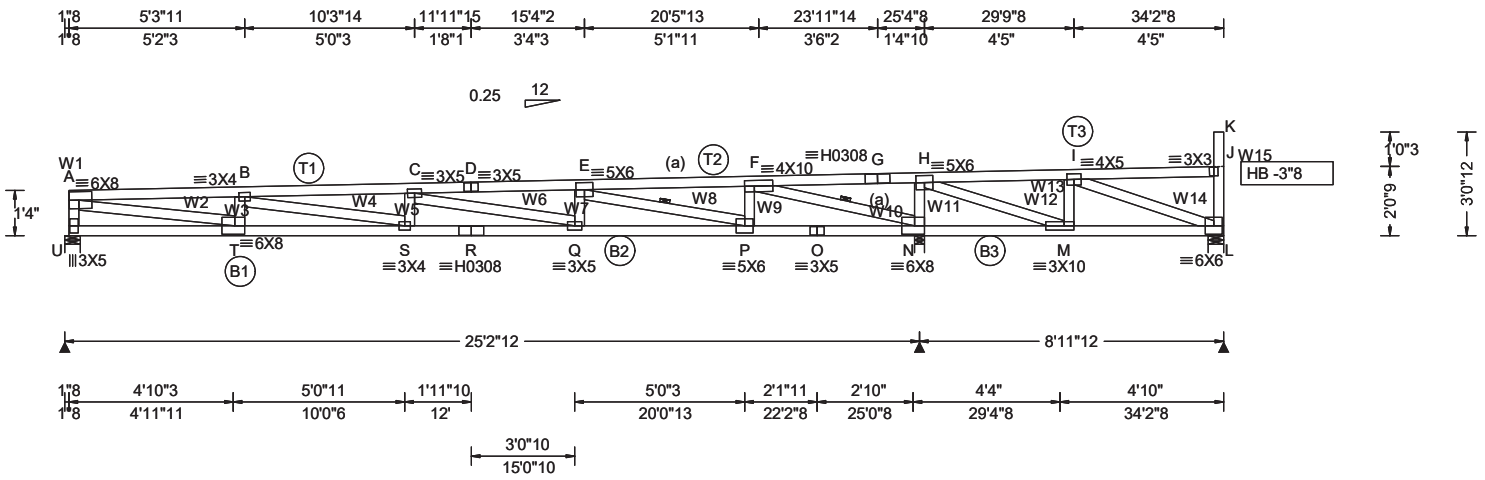
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R34	Ply: 1 Qty: 1 Wgt: 166.6 lbs	SEQN: 81534 / T36 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00

NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.71 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.42 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.446	C	672	360
VERT(TL): 0.827	C	362	240
HORZ(LL): 0.050	A	-	-
HORZ(TL): 0.094	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.963
Max BC CSI: 0.765
Max Web CSI: 0.944
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
U	1107	/-	/-	/509	/133	/60
N	2885	/-	/-	/1334	/352	/-
L	125	/-506	/-	/38	/125	/-

Wind reactions based on MWFRS
U Brg Wid = 5.5 Min Req = 1.5 (Truss)
N Brg Wid = 3.5 Min Req = 3.0 (Truss)
L Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings U, N, & L are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	720	-3628	F - G	4094	-816
B - C	896	-4488	G - H	4097	-815
C - D	650	-3223	H - I	1711	-329
D - E	650	-3220	I - J	72	-110
E - F	58	-235			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
U - T	64	-117	P - O	51	-98
T - S	3792	-741	O - N	51	-98
S - R	4498	-884	N - M	769	-3819
R - Q	4498	-884	M - L	292	-1584
Q - P	3124	-650			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - U	232	-1045	P - F	933	-126
A - T	3639	-719	F - N	859	-4281
T - B	206	-697	N - H	327	-1503
B - S	710	-169	H - M	2655	-471
S - C	82	-71	M - I	216	-887
C - Q	275	-1338	I - L	1699	-333
Q - E	456	-32	J - L	50	-147
E - P	614	-3033	K - J	4	-3

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #1 T1 2x4 SP #2;
Bot chord 2x4 SP #1 B3 2x4 SP #2;
Webs 2x4 SP #3 W2,W12 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

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

End verticals not exposed to wind pressure.

Deflection

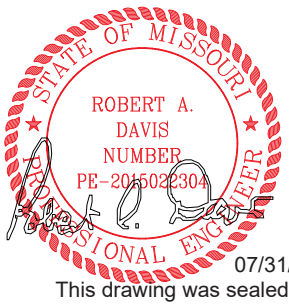
Max JT VERT DEFL: LL: 0.44" DL: 0.44". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Negative reaction(s) of -506# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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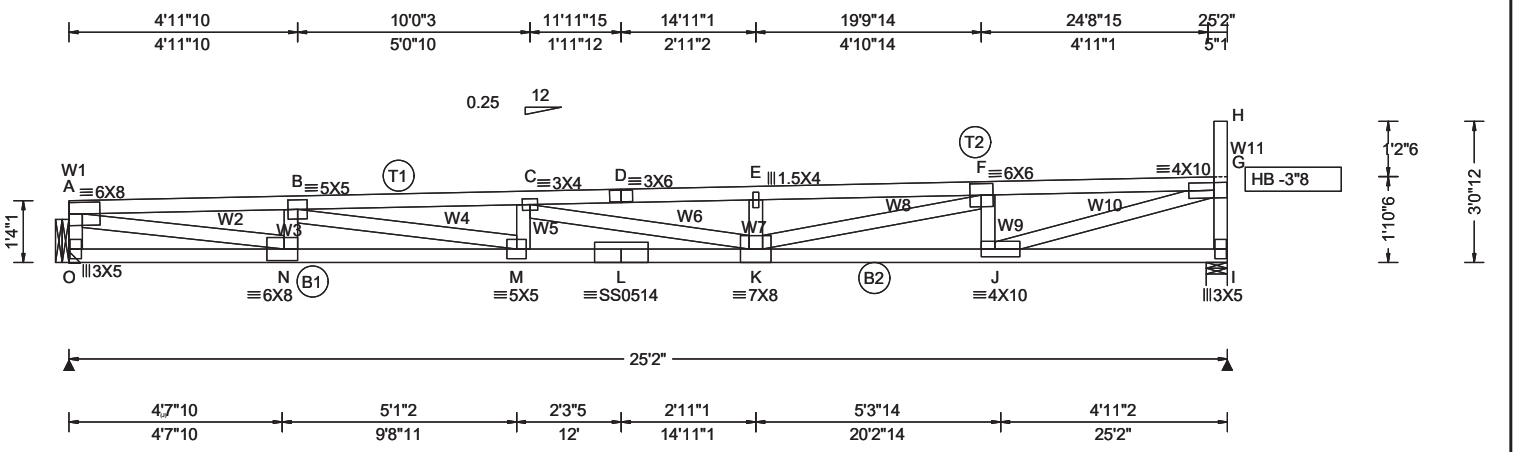
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R35	Ply: 1 Qty: 5 Wgt: 121.8 lbs	SEQN: 81535 / T27 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.62 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.604 C	499	360
VERT(TL):	1.110 C	271	240
HORZ(LL):	0.067 A	-	-
HORZ(TL):	0.122 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.841
Max BC CSI: 0.626
Max Web CSI: 0.890
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
O	1384	/-	/-	/642	/169	/61
I	1358	/-	/-	/631	/166	/-

Wind reactions based on MWFRS
O Brg Wid = - Min Req = -
I Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearing I is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1075	- 4619	D - E	1482	- 6207
B - C	1549	- 6594	E - F	1486	- 6209
C - D	1482	- 6211	F - G	972	- 3904

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	57	- 133	L - K	6661	- 1576
N - M	4850	- 1200	K - J	4099	- 968
M - L	6661	- 1576	J - I	110	- 64

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - O	331	- 1320	E - K	156	- 416
A - N	4670	- 1084	K - F	2197	- 526
N - B	295	- 971	F - J	309	- 996
B - M	1788	- 408	J - G	3944	- 933
M - C	140	- 326	G - I	330	- 1306
C - K	147	- 470	H - G	5	- 3

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #1
Bot chord 2x4 SP 2400f-2.0E
Webs 2x4 SP #3 W2 2x4 SP #1; W10 2x4 SP #2;

Loading

Drifting snow load has been considered for only in plane loading as follows:
Location Lu1 Lu2 Height Pd W
Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

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

End verticals not exposed to wind pressure.

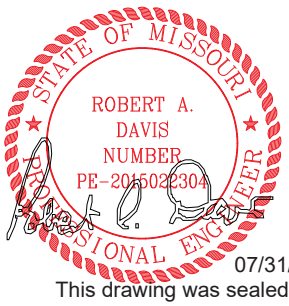
Deflection

Max JT VERT DEFL: LL: 0.60" DL: 0.50". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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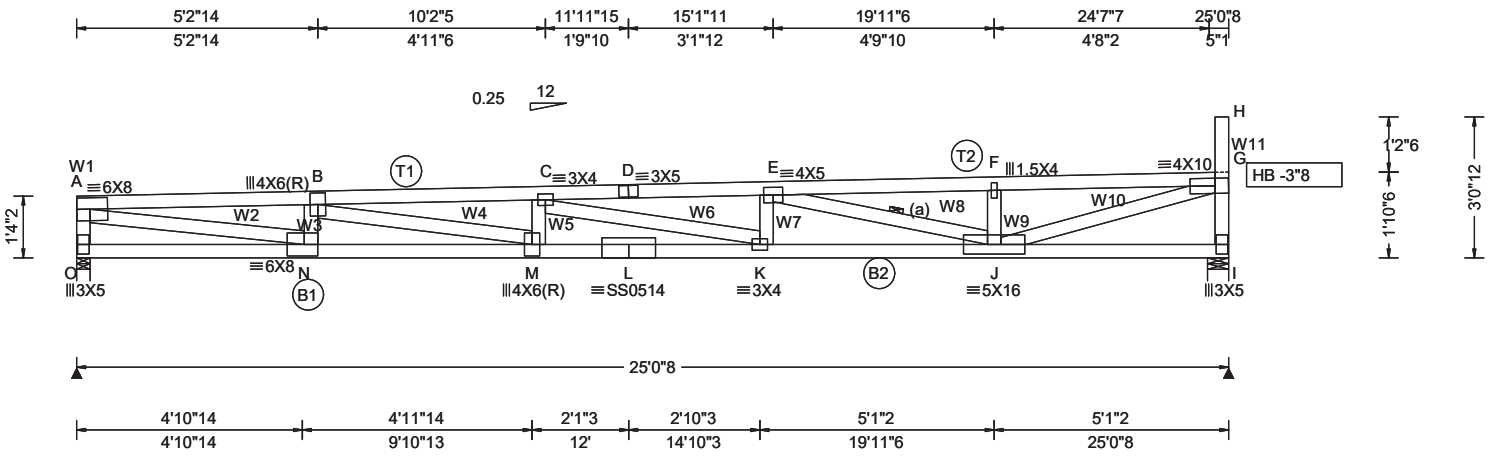
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R36	Ply: 1 Qty: 1 Wgt: 121.8 lbs	SEQN: 81536 / T28 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria

Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.62 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)

Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria

Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.592	C	507	360
VERT(TL): 1.087	C	276	240
HORZ(LL): 0.064	A	-	-
HORZ(TL): 0.117	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.814
Max BC CSI: 0.610
Max Web CSI: 0.891
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
O	1377	/-	/-	/638	/168	/61
I	1351	/-	/-	/628	/165	/-

Wind reactions based on MWFRS
O Brg Wid = 3.5 Min Req = 1.5
I Brg Wid = 5.5 Min Req = 1.5
Bearings O & I are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1109	- 4755	D - E	1461	- 6117
B - C	1543	- 6545	E - F	973	- 3912
C - D	1461	- 6120	F - G	979	- 3908

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	65	- 135	L - K	6605	- 1566
N - M	4977	- 1230	K - J	6066	- 1412
M - L	6605	- 1566	J - I	108	- 63

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - O	331	- 1309	K - E	237	- 3
A - N	4788	- 1114	E - J	551	- 2244
N - B	291	- 943	F - J	154	- 361
B - M	1609	- 369	J - G	3947	- 944
M - C	131	- 299	G - I	329	- 1296
C - K	162	- 508	H - G	5	- 3

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #1
Bot chord 2x4 SP 2400f-2.0E
Webs 2x4 SP #3 W2 2x4 SP #1; W10 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
24.75	0.00	24.75	1.20	9.66	2.35

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

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

End verticals not exposed to wind pressure.

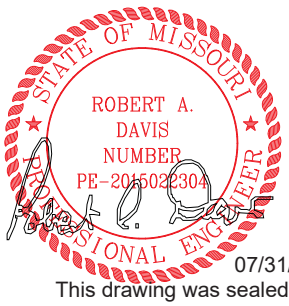
Deflection

Max JT VERT DEFL: LL: 0.59" DL: 0.49". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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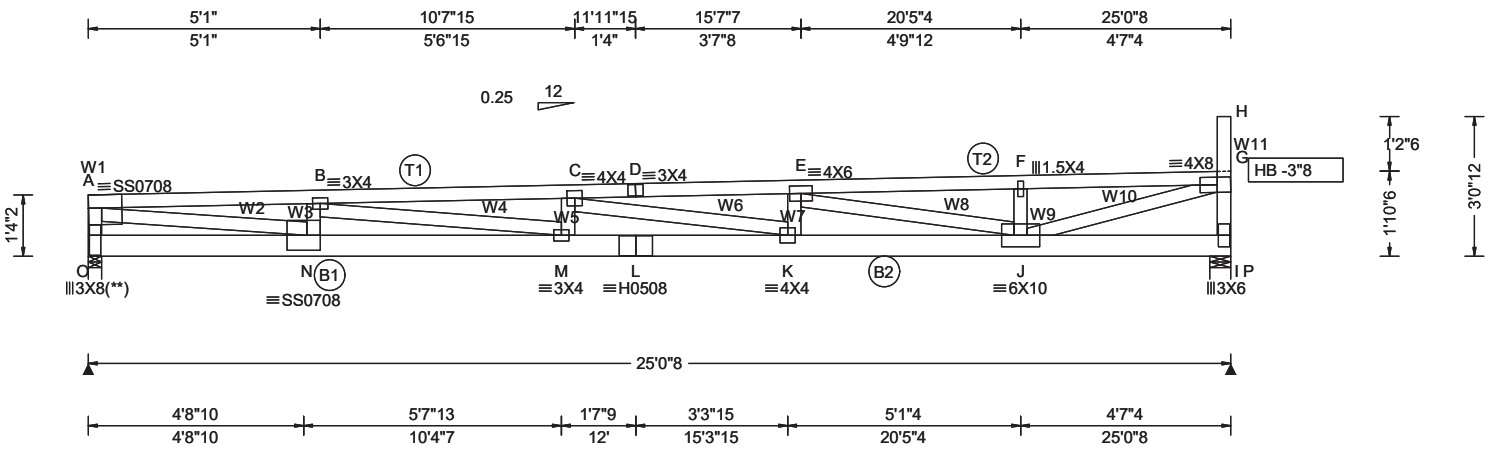
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R36X	Ply: 2 Qty: 2 Wgt: 280.0 lbs	SEQN: 81444 / T35 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.62 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
18SS, WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.537 C	560	360
VERT(TL):	0.985 C	305	240
HORZ(LL):	0.057 A	-	-
HORZ(TL):	0.105 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.682
Max BC CSI: 0.947
Max Web CSI: 0.808
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
O	3554 /-	/-	/-	/897	/17
P	1886 /-	/-	/-	/338	/-

Wind reactions based on MWFRS
O Brg Wid = 3.5 Min Req = 1.5 (Truss)
P Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings O & P are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1773	-6857	D - E	1032	-5055
B - C	1513	-6697	E - F	521	-2709
C - D	1033	-5056	F - G	521	-2707

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	61	-7	L - K	6648	-1487
N - M	6898	-1760	K - J	4954	-1002
M - L	6648	-1487	J - I	68	-18

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - O	423	-1642	K - E	451	-97
A - N	6929	-1792	E - J	507	-2328
N - B	0	-365	F - J	35	-137
B - M	705	-208	J - G	2750	-514
M - C	192	-104	G - I	171	-895
C - K	479	-1647	H - G	0	0

Lumber

Value Set: NDS 2015

Top chord 2x4 SP 2400f-2.0E T2 2x4 SP #2;
Bot chord 2x6 SP 2400f-2.0E B2 2x6 SP #1;
Webs 2x4 SP #3 W2 2x4 SP 2400f-2.0E;
W10 2x4 SP #2;

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 90 plf at 0.00 to 90 plf at 24.75
BC: From 20 plf at 0.00 to 20 plf at 25.04
BC: 2712 lb Conc. Load at 4.94

Plating Notes

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

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
24.75	0.00	24.75	1.20	9.66	2.35

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

Wind loads and reactions based on MWFRS.

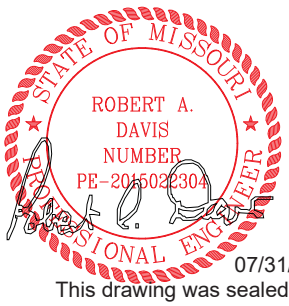
End verticals not exposed to wind pressure.

Deflection

Max JT VERT DEFL: LL: 0.53" DL: 0.45". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Truss must be installed as shown with top chord up.



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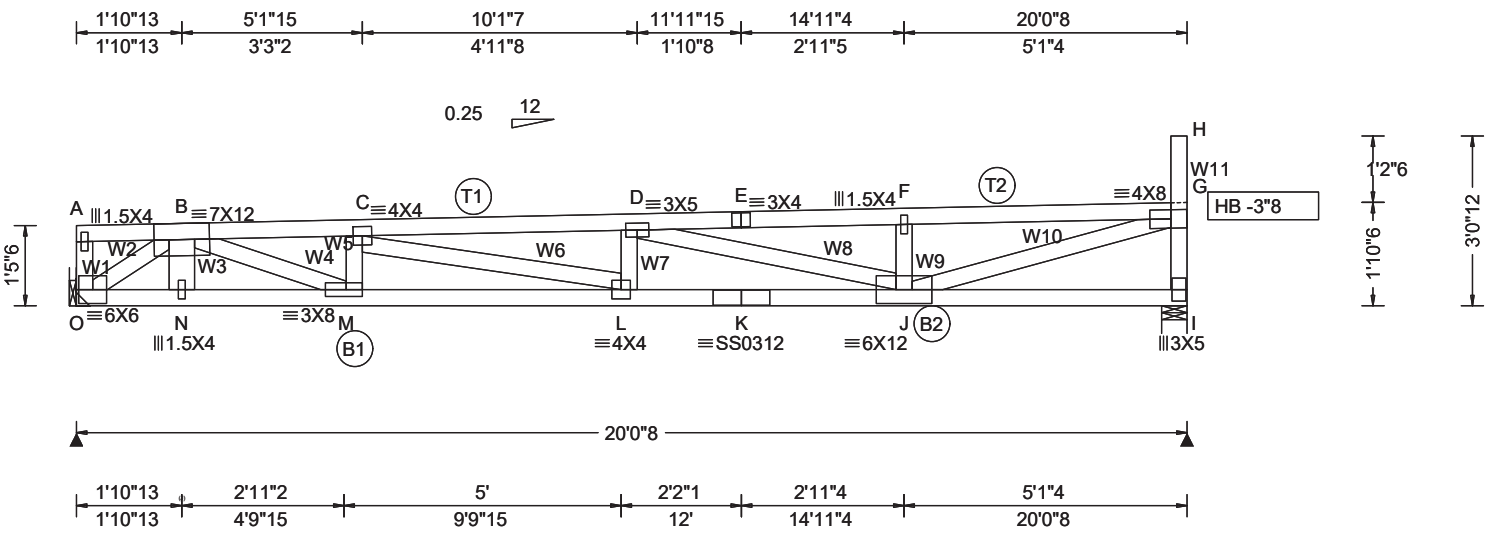
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R37	Ply: 1 Qty: 2 Wgt: 101.5 lbs	SEQN: 81439 / T33 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.67 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.459	D	523	360
VERT(TL): 0.623	D	385	240
HORZ(LL): 0.087	B	-	-
HORZ(TL): 0.118	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.800
Max BC CSI: 0.968
Max Web CSI: 0.895
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
O	2550	/-	/-	/513	/889	/57
I	1228	/-	/-	/502	/206	/-

Wind reactions based on MWFRS
O Brg Wid = - Min Req = -
I Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearing I is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	7	-20	D - E	821	-3504
B - C	1347	-5105	E - F	822	-3500
C - D	1078	-5219	F - G	829	-3500

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	3798	-1338	L - K	5196	-1069
N - M	3798	-1338	K - J	5196	-1069
M - L	5164	-1333	J - I	100	-61

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - O	35	-109	L - D	120	-211
O - B	1574	-4467	D - J	454	-1764
B - N	85	-7	F - J	173	-402
B - M	2086	-461	J - G	3530	-804
M - C	214	-730	G - I	293	-1176
C - L	1162	-310	H - G	5	-3

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #1 T2 2x4 SP #2;
Bot chord 2x4 SP #1
Webs 2x4 SP #3 W3 2x6 SP #1; W10 2x4 SP #2;

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 90 plf at 0.00 to 90 plf at 19.75
BC: From 20 plf at 0.00 to 20 plf at 20.04
TC: 1600 lb Conc. Load at 1.90

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
19.75	0.00	20.00	1.20	9.66	2.35

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

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

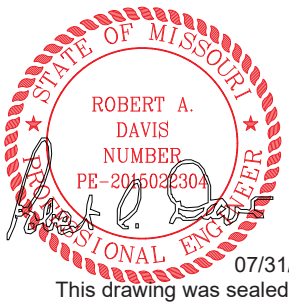
End verticals not exposed to wind pressure.

Deflection

Max JT VERT DEFL: LL: 0.46" DL: 0.22". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Truss must be installed as shown with top chord up.



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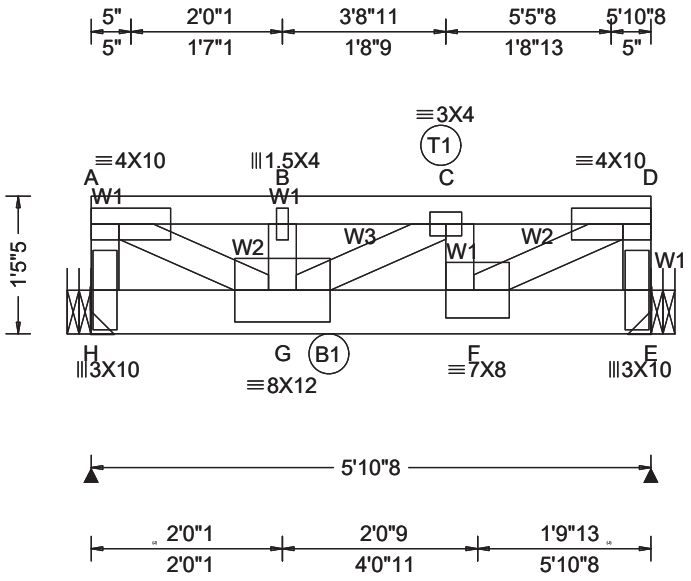
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R38	Ply: 1 Qty: 1 Wgt: 35.0 lbs	SEQN: 81442 / T32 / FLAT FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.47 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Load
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.046	B	999	360
VERT(TL): 0.085	B	831	240
HORZ(LL): 0.013	A	-	-
HORZ(TL): 0.025	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.517
Max BC CSI: 0.904
Max Web CSI: 0.750
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity			
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	2712	/-	/-	/-	/908	/-
E	2712	/-	/-	/-	/908	/-

Wind reactions based on MWFRS
H Brg Wid = - Min Req = -
E Brg Wid = - Min Req = -

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1477	-4364	C - D	1439	-4251
B - C	1477	-4364			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
H - G	22	-7	F - E	17	-6
G - F	4285	-1448			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - H	814	-2418	C - F	33	-138
A - G	4920	-1665	F - D	4883	-1653
B - G	0	-128	D - E	848	-2517
G - C	93	-33			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x6 SP #1
Webs 2x4 SP #3 W2 2x4 SP #1;

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 45 plf at 0.00 to 45 plf at 5.88
BC: From 10 plf at 0.00 to 10 plf at 5.88
BC: 2550 lb Conc. Load at 1.94, 3.94

Purlins

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

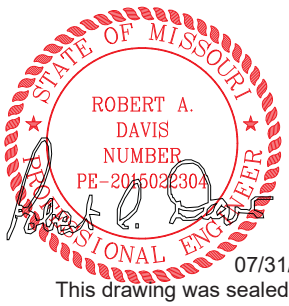
Wind

Wind loads and reactions based on MWFRS.

End verticals not exposed to wind pressure.

Additional Notes

Truss must be installed as shown with top chord up.



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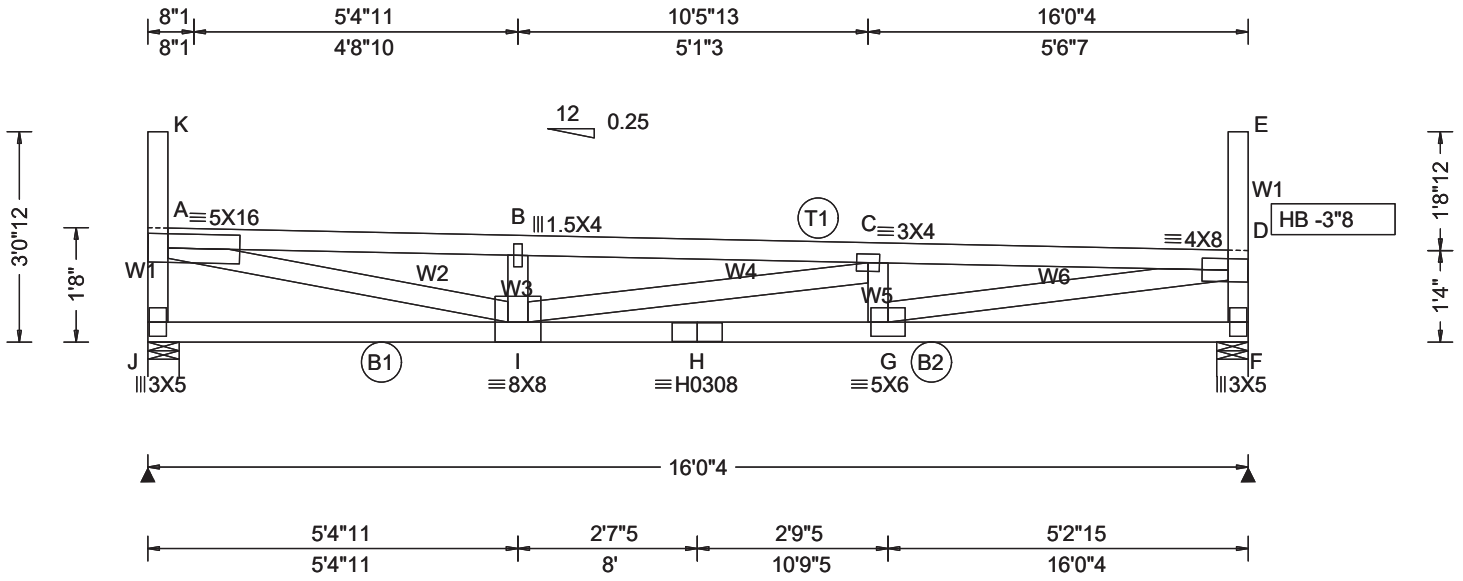
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R39	Ply: 1 Qty: 1 Wgt: 84.0 lbs	SEQN: 81539 / T42 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.52 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.182 C	999	360
VERT(TL):	0.336 C	572	240
HORZ(LL):	0.025 A	-	-
HORZ(TL):	0.046 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.745
Max BC CSI: 0.787
Max Web CSI: 0.995
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J	855	/-	/-	/410	/113	/104
F	855	/-	/-	/409	/112	/-

Wind reactions based on MWFRS
J Brg Wid = 5.5 Min Req = 1.5
F Brg Wid = 5.5 Min Req = 1.5
Bearings J & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	968	- 2642	C - D	1042	- 2807
B - C	960	- 2647			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	338	- 335	H - G	2886	- 1081
I - H	2886	- 1081	G - F	173	- 165

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
J - A	352	- 802	C - G	266	- 379
A - I	2613	- 1098	G - D	2713	- 1197
K - A	7	- 4	D - F	343	- 801
I - B	242	- 420	E - D	9	- 5
I - C	251	- 251			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3 W6 2x4 SP #2;

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	20.00	1.40	16.18	3.93
15.73	0.00	20.00	1.72	26.77	4.04

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

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

End verticals not exposed to wind pressure.

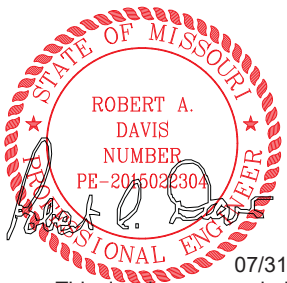
Deflection

Max JT VERT DEFL: LL: 0.18" DL: 0.15". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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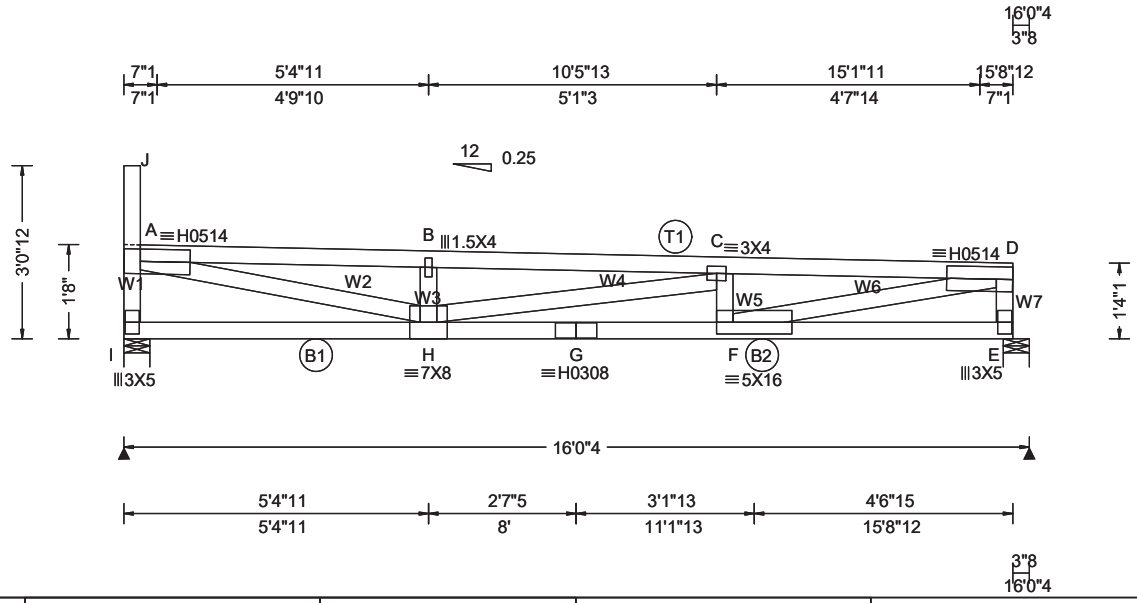
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R40	Ply: 1 Qty: 2 Wgt: 77.0 lbs	SEQN: 81540 / T39 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.52 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.168	C	999	360
VERT(TL): 0.308	C	611	240
HORZ(LL): 0.024	A	-	-
HORZ(TL): 0.043	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.717
Max BC CSI: 0.755
Max Web CSI: 0.998
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
I	839	/-	/-	/394	/106	/62
E	865	/-	/-	/406	/108	/-

Wind reactions based on MWFRS
I Brg Wid = 5.5 Min Req = 1.5
E Brg Wid = 5.5 Min Req = 1.5
Bearings I & E are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1048	-2578	C - D	1003	-2627
B - C	1039	-2583			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - H	239	-161	G - F	2734	-1063
H - G	2734	-1063	F - E	59	-23

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
I - A	337	-787	H - C	155	-160
A - H	2548	-1032	C - F	266	-463
J - A	7	-4	F - D	2619	-997
H - B	247	-425	D - E	339	-809

Lumber

Value Set: NDS 2015

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

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	20.00	1.40	16.18	3.93

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

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

End verticals not exposed to wind pressure.

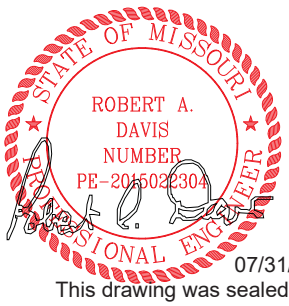
Deflection

Max JT VERT DEFL: LL: 0.16" DL: 0.14". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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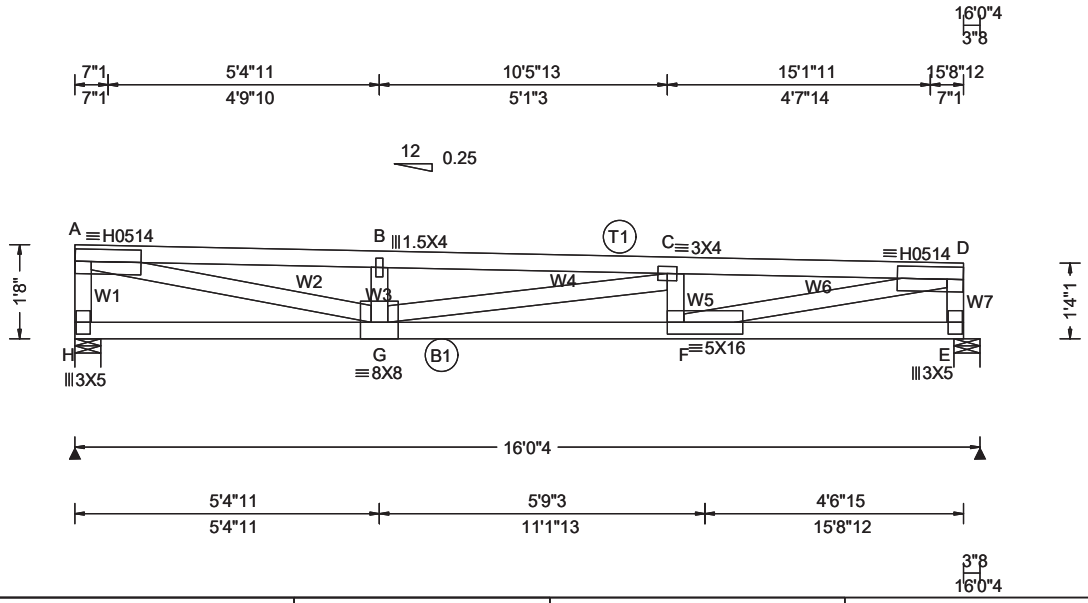
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R41	Ply: 1 Qty: 5 Wgt: 75.6 lbs	SEQN: 81541 / T45 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.52 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
HS, WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.169 C	999	360
VERT(TL):	0.310 C	607	240
HORZ(LL):	0.028 A	-	-
HORZ(TL):	0.051 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.749
Max BC CSI: 0.759
Max Web CSI: 0.998
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	865	/-	/-	/398	/105	/10
E	865	/-	/-	/398	/103	/-

Wind reactions based on MWFRS
H Brg Wid = 5.5 Min Req = 1.5
E Brg Wid = 5.5 Min Req = 1.5
Bearings H & E are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	954	-2585	C - D	955	-2627
B - C	948	-2585			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
H - G	46	0	F - E	59	-23
G - F	2734	-1013			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - H	334	-808	C - F	255	-463
A - G	2613	-969	F - D	2619	-949
G - B	274	-503	D - E	328	-809
G - C	77	-158			

Lumber

Value Set: NDS 2015

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

Wind

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

End verticals not exposed to wind pressure.

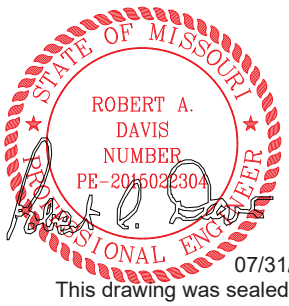
Deflection

Max JT VERT DEFL: LL: 0.17" DL: 0.14". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



07/31/24
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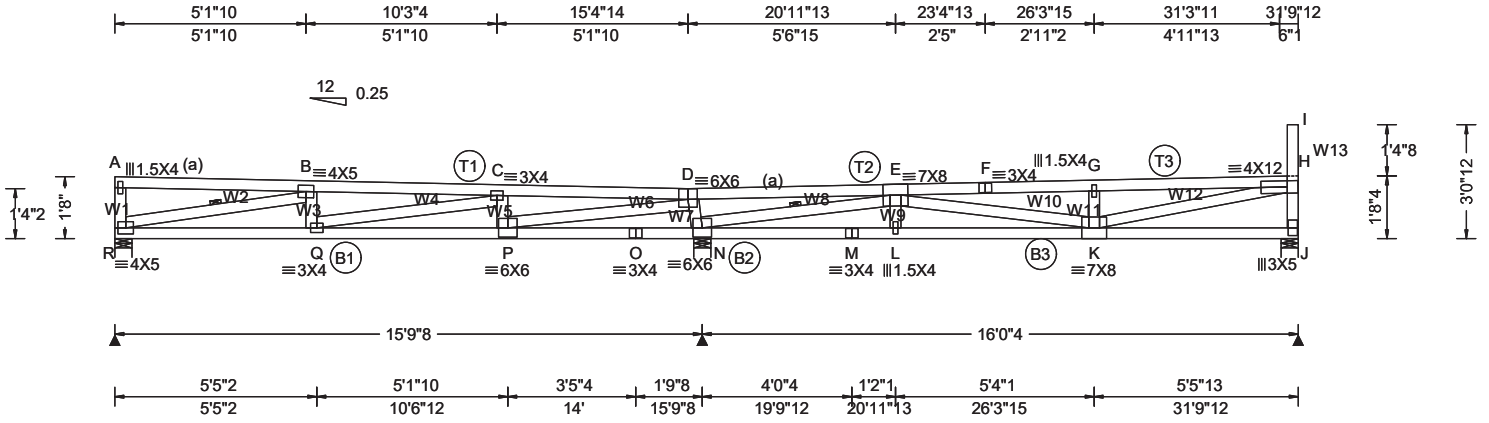
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R42	Ply: 1 Qty: 6 Wgt: 152.6 lbs	SEQN: 81542 / T76 / SPEC FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.53 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.18 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.137	G	999	360
VERT(TL): 0.270	G	711	240
HORZ(LL): 0.021	J	-	-
HORZ(TL): 0.042	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.729
Max BC CSI: 0.777
Max Web CSI: 0.837
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
R	755	/-	/-	/331	/89	/51
N	2052	/-	/-	/950	/248	/-
J	747	/-	/-	/331	/88	/-

Wind reactions based on MWFRS
R Brg Wid = 5.5 Min Req = 1.5
N Brg Wid = 5.5 Min Req = 2.0 (Truss)
J Brg Wid = 5.5 Min Req = 1.5
Bearings R, N, & J are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	7	-44	E - F	552	-2191
B - C	433	-2078	F - G	553	-2186
C - D	319	-1682	G - H	559	-2186
D - E	2164	-595			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	2060	-561	N - M	1804	-346
Q - P	1820	-451	M - L	1804	-346
P - O	438	-1771	L - K	1804	-346
O - N	438	-1771	K - J	92	-80

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - R	73	-202	N - E	901	-3665
R - B	458	-2082	E - L	79	0
B - Q	72	0	E - K	603	-147
Q - C	447	-96	G - K	178	-451
C - P	216	-639	K - H	2153	-516
P - D	3162	-748	H - J	184	-696
D - N	316	-1126	I - H	7	-4

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2 T2 2x4 SP #1;
Bot chord 2x4 SP #2
Webs 2x4 SP #3 W6 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
31.52	0.00	31.52	1.38	15.49	3.76

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

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

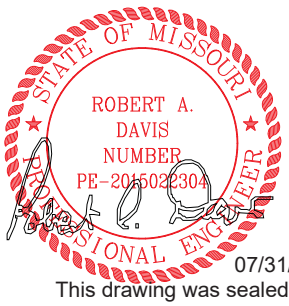
End verticals not exposed to wind pressure.

Deflection

Max JT VERT DEFL: LL: 0.14" DL: 0.17". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.



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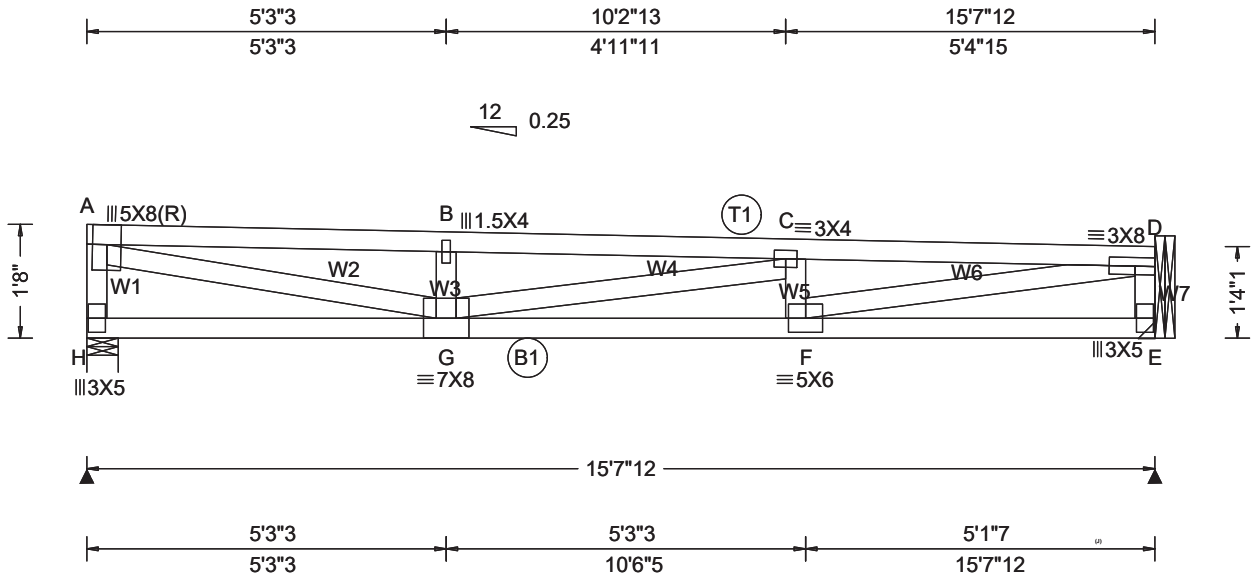
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R43	Ply: 1 Qty: 3 Wgt: 72.8 lbs	SEQN: 81543 / T79 / SPEC FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.52 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 28.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.168	C	999	360
VERT(TL): 0.308	C	608	240
HORZ(LL): 0.028	A	-	-
HORZ(TL): 0.051	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.780
Max BC CSI: 0.753
Max Web CSI: 0.973
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	861	/-	/-	/396	/105	/10
E	861	/-	/-	/396	/103	/-

Wind reactions based on MWFRS
H Brg Wid = 5.5 Min Req = 1.5
E Brg Wid = - Min Req = -
Bearing H is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	701	-2521	C - D	722	-2645
B - C	696	-2522			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
H - G	44	0	F - E	63	-18
G - F	2747	-767			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - H	255	-805	C - F	199	-447
A - G	2554	-713	F - D	2630	-715
G - B	210	-486	D - E	251	-803
G - C	82	-237			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3 W6 2x4 SP #2;

Wind

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

End verticals not exposed to wind pressure.

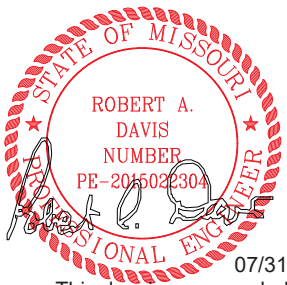
Deflection

Max JT VERT DEFL: LL: 0.16" DL: 0.14". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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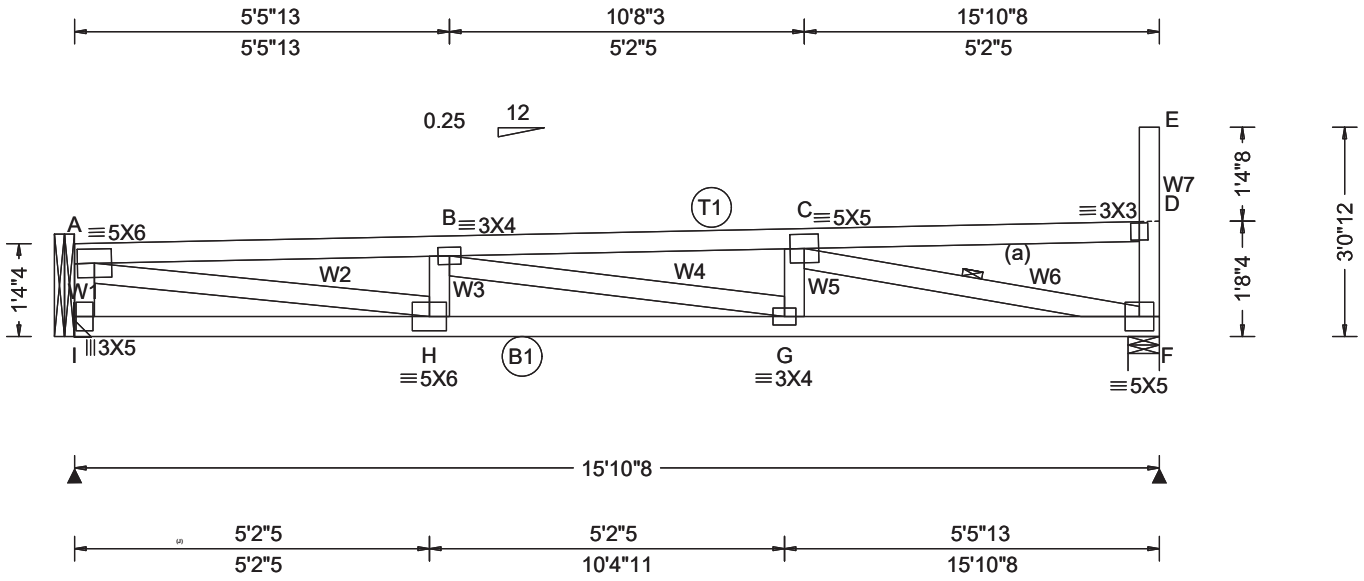
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R44	Ply: 1 Qty: 6 Wgt: 74.2 lbs	SEQN: 81544 / T80 / SPEC FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.54 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.170	B	999	360
VERT(TL): 0.313	B	608	240
HORZ(LL): 0.025	F	-	-
HORZ(TL): 0.047	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.801
Max BC CSI: 0.753
Max Web CSI: 0.604
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
I	873	/-	/-	/409	/109	/61
F	847	/-	/-	/398	/107	/-

Wind reactions based on MWFRS
I Brg Wid = - Min Req = -
F Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearing F is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1024	- 2689	C - D	144	- 208
B - C	1010	- 2545			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - H	63	- 183	G - F	2501	- 944
H - G	2793	- 1100			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - I	342	- 814	G - C	175	0
A - H	2675	- 1016	C - F	999	- 2524
H - B	264	- 458	D - F	100	- 186
B - G	197	- 260	E - D	7	- 4

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3 W2 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
15.58	0.00	20.00	1.38	15.49	3.76

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

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

End verticals not exposed to wind pressure.

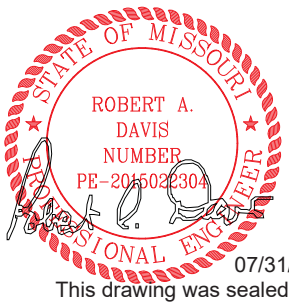
Deflection

Max JT VERT DEFL: LL: 0.17" DL: 0.14". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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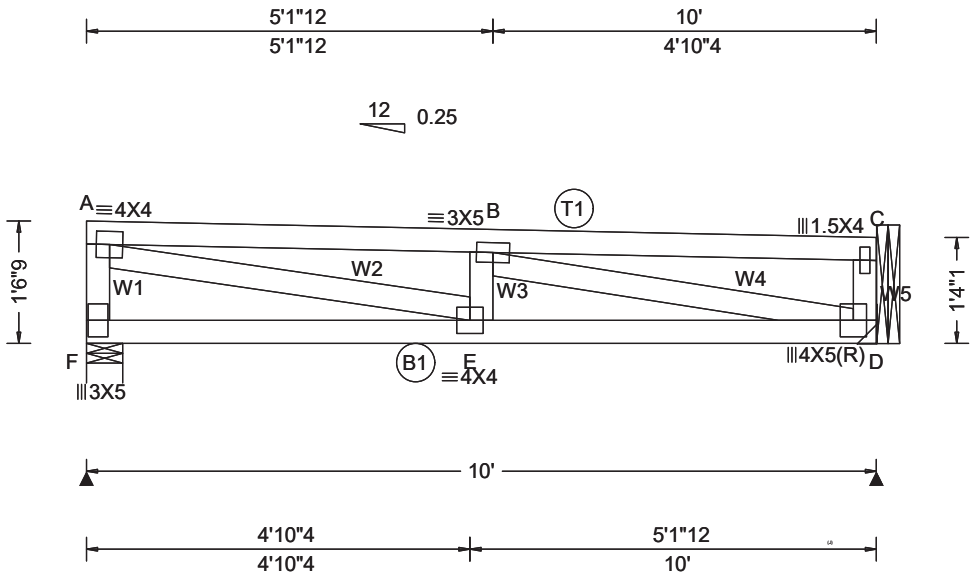
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R45	Ply: 1 Qty: 3 Wgt: 49.0 lbs	SEQN: 81545 / T47 / SPEC FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.47 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 28.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.054 B	999	360
VERT(TL):	0.100 B	999	240
HORZ(LL):	0.007 A	-	-
HORZ(TL):	0.014 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.457
Max BC CSI: 0.424
Max Web CSI: 0.659
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
F	550 /-	/-	/253	/67	/7
D	550 /-	/-	/253	/65	/-

Wind reactions based on MWFRS
F Brg Wid = 5.5 Min Req = 1.5
D Brg Wid = - Min Req = -
Bearing F is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	417	-1317	B - C	15	-44

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
F - E	36	-1	E - D	1371	-449

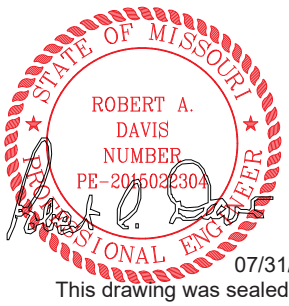
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - F	190	-500	B - D	449	-1368
A - E	1317	-419	C - D	85	-181
E - B	167	-241			

Lumber
Value Set: NDS 2015
Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3

Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.

Additional Notes
Provide for complete drainage of roof.
Truss must be installed as shown with top chord up.



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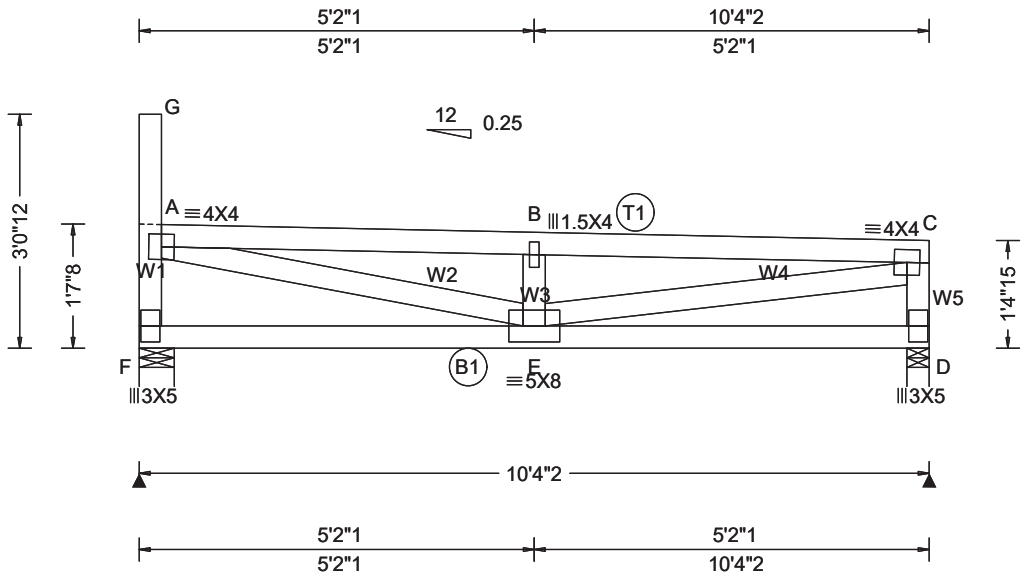
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R46	Ply: 1 Qty: 10 Wgt: 54.6 lbs	SEQN: 81546 / T37 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.54 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.057 B	999	360
VERT(TL):	0.106 B	999	240
HORZ(LL):	0.006 A	-	-
HORZ(TL):	0.012 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.465
Max BC CSI: 0.148
Max Web CSI: 0.525
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	543	/-	/-	/261	/75	/60
D	569	/-	/-	/273	/75	/-

Wind reactions based on MWFRS
F Brg Wid = 5.5 Min Req = 1.5
D Brg Wid = 3.5 Min Req = 1.5
Bearings F & D are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	712	- 1391	B - C	702	- 1395

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
F - E	251	- 168	E - D	43	- 20

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
F - A	282	- 493	E - B	334	- 496
A - E	1359	- 760	E - C	1378	- 694
G - A	7	- 4	C - D	285	- 516

Lumber

Value Set: NDS 2015

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

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	20.00	1.44	17.53	4.26

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

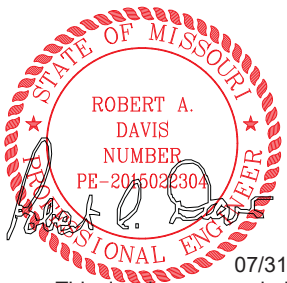
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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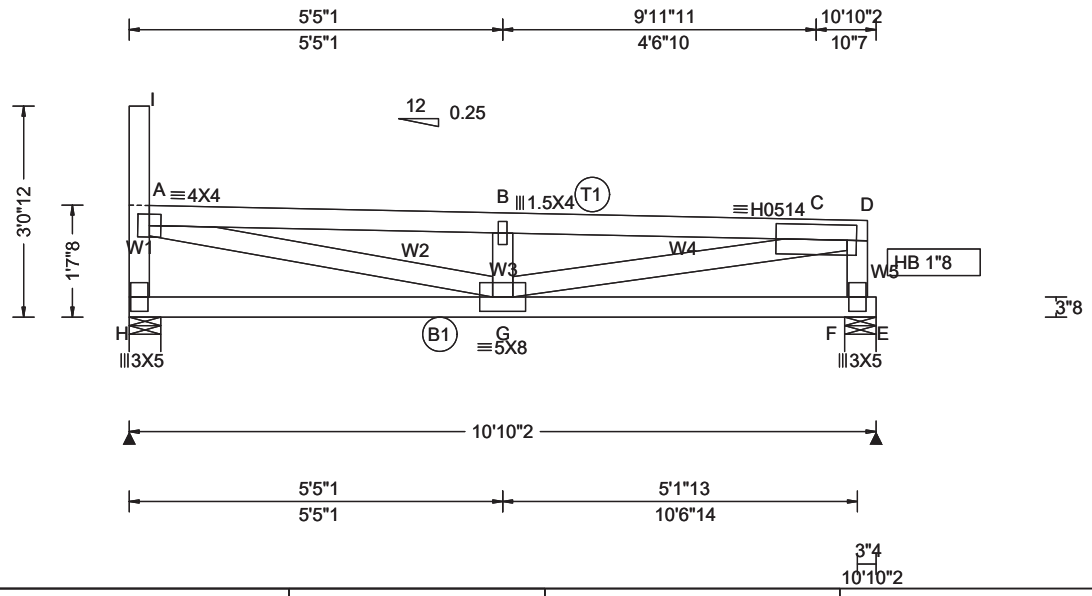
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R47	Ply: 1 Qty: 5 Wgt: 56.0 lbs	SEQN: 81547 / T66 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.53 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 28.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.054	B	999	360
VERT(TL): 0.100	B	999	240
HORZ(LL): -0.007	C	-	-
HORZ(TL): 0.012	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.572
Max BC CSI: 0.205
Max Web CSI: 0.527
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	555	/-	/-	/266	/76	/60
E	611	/-	/-	/289	/77	/-

Wind reactions based on MWFRS
H Brg Wid = 5.5 Min Req = 1.5 (Truss)
E Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings H & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	514	- 1426	C - D	1	0
B - C	506	- 1430			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
H - G	198	- 146	F - E	0	0
G - F	380	- 149			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
H - A	207	- 504	G - B	227	- 450
A - G	1383	- 545	G - C	1077	- 365
I - A	6	- 4	C - F	260	- 658

Lumber

Value Set: NDS 2015

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

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	20.00	1.44	17.53	4.26

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

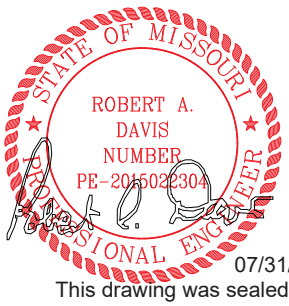
Wind

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

End verticals not exposed to wind pressure.

Additional Notes

Truss must be installed as shown with top chord up.



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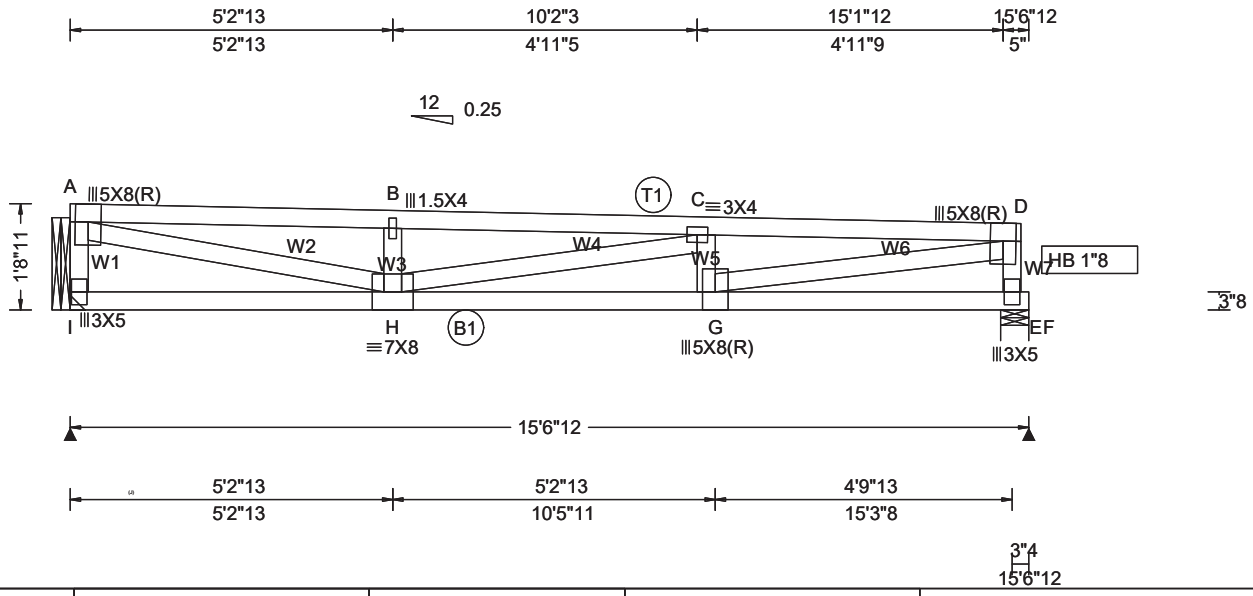
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R48	Ply: 1 Qty: 4 Wgt: 74.2 lbs	SEQN: 81548 / T69 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.58 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.146	C	999	360
VERT(TL): 0.268	C	691	240
HORZ(LL): 0.025	A	-	-
HORZ(TL): 0.046	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.695
Max BC CSI: 0.696
Max Web CSI: 0.927
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
I	849	/-	/-	/391	/103	/10
E	863	/-	/-	/394	/101	/-

Wind reactions based on MWFRS
I Brg Wid = - Min Req = -
E Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearing F is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	879	-2366	C - D	890	-2434
B - C	873	-2367			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - H	40	0	G - F	54	-21
H - G	2533	-944	F - E	0	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - I	330	-795	C - G	250	-450
A - H	2405	-898	G - D	2434	-887
H - B	266	-486	D - F	325	-794
H - C	84	-177			

Lumber

Value Set: NDS 2015

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

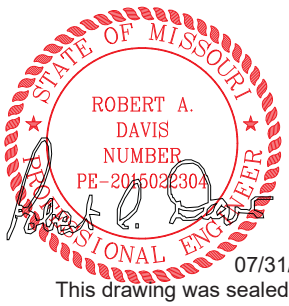
Wind

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

End verticals not exposed to wind pressure.

Additional Notes

Truss must be installed as shown with top chord up.



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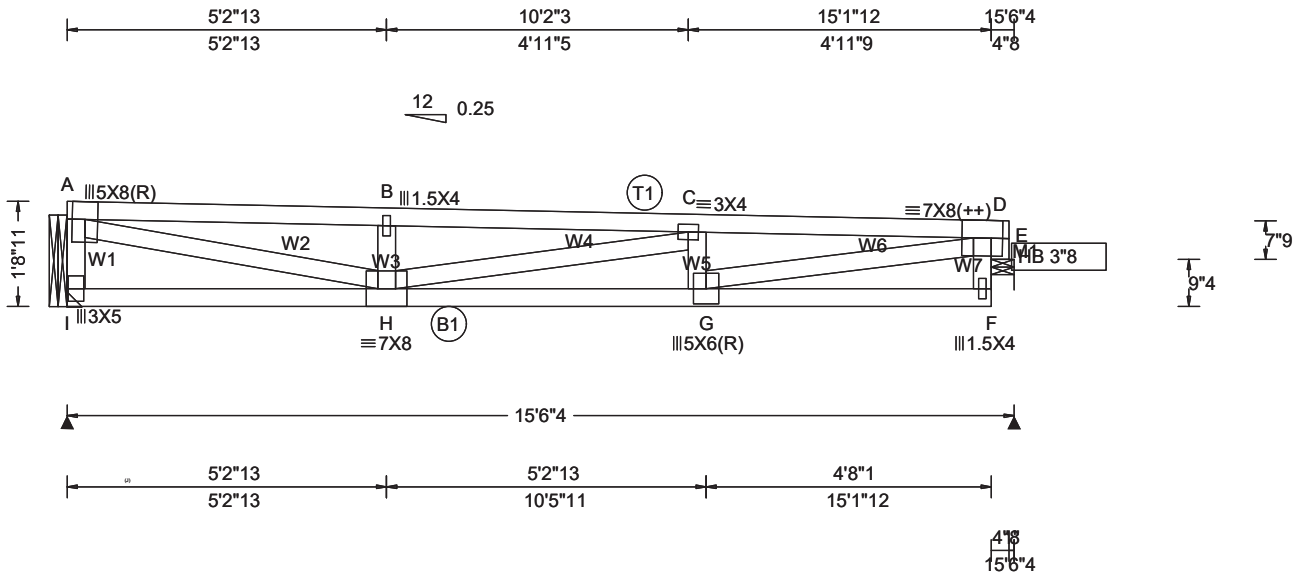
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R48B	Ply: 1 Qty: 3 Wgt: 75.6 lbs	SEQN: 81549 / T65 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.58 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 28.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.134 B	999	360
VERT(TL):	0.244 B	748	240
HORZ(LL):	0.023 A	-	-
HORZ(TL):	0.043 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.658
Max BC CSI: 0.669
Max Web CSI: 0.903
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
I	839	/-	/-	/386	/102	/10
E	854	/-	/-	/390	/105	/-

Wind reactions based on MWFRS
I Brg Wid = - Min Req = -
E Brg Wid = 4.5 Min Req = 1.5 (Support)
Bearing E is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	652	-2331	C - D	637	-2328
B - C	647	-2331			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - H	40	0	G - F	205	-69
H - G	2421	-677			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - I	250	-784	C - G	187	-426
A - H	2370	-666	G - D	2177	-581
H - B	216	-497	E - F	52	0
H - C	40	-97	D - E	477	-1320

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3
Rt Bearing Leg: 2x4 SP #3;

Plating Notes

(++) - This plate works for both joints covered.

Wind

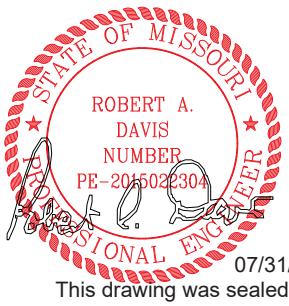
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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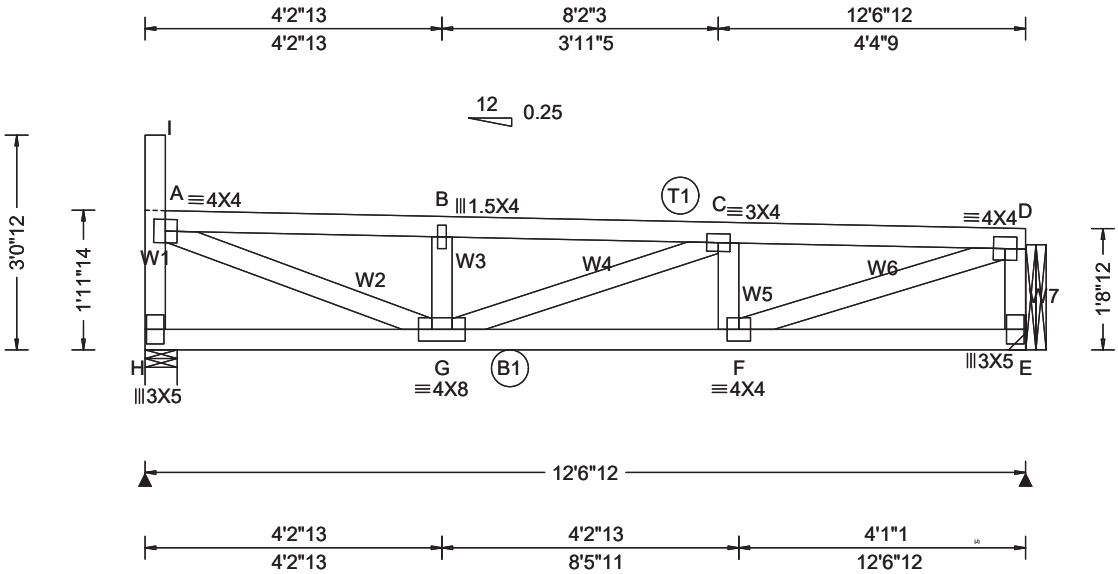
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R49	Ply: 1 Qty: 5 Wgt: 70.0 lbs	SEQN: 81550 / T70 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.88 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.044 C	999	360
VERT(TL):	0.082 C	999	240
HORZ(LL):	0.009 A	-	-
HORZ(TL):	0.017 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.376
Max BC CSI: 0.365
Max Web CSI: 0.517
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
H	665 /-	/-	/314	/86	/48
E	691 /-	/-	/326	/88	/-

Wind reactions based on MWFRS
H Brg Wid = 5.5 Min Req = 1.5
E Brg Wid = - Min Req = -
Bearing H is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	600	-1286	C - D	564	-1305
B - C	592	-1288			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
H - G	161	-100	F - E	22	-10
G - F	1371	-605			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
H - A	305	-626	G - C	106	-93
A - G	1316	-611	C - F	238	-375
I - A	6	-3	F - D	1357	-585
G - B	213	-338	D - E	307	-650

Lumber

Value Set: NDS 2015

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

Wind

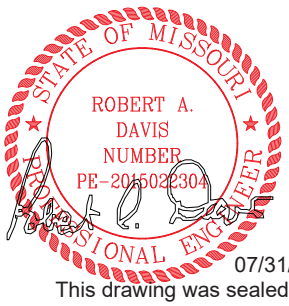
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



07/31/24
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Robert A Davis PE,

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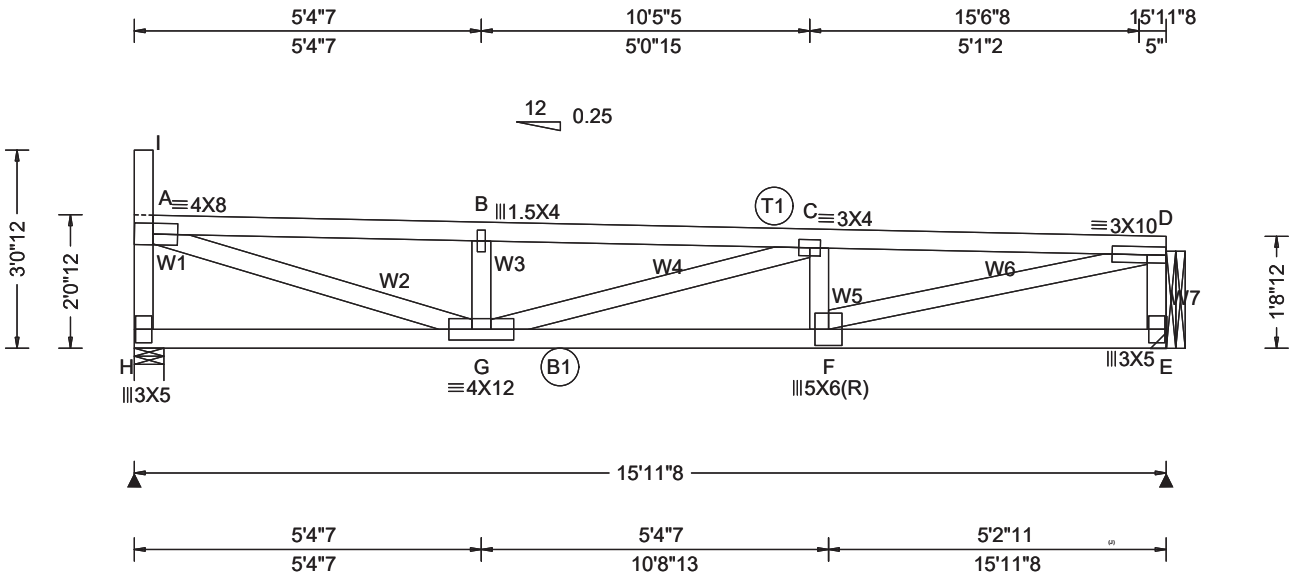
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R50	Ply: 1 Qty: 2 Wgt: 82.6 lbs	SEQN: 81551 / T38 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.91 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.108 C	999	360
VERT(TL):	0.198 C	967	240
HORZ(LL):	0.019 A	-	-
HORZ(TL):	0.036 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.708
Max BC CSI: 0.580
Max Web CSI: 0.808
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	Rh	Rw	U	RL
H	852 / -	-	399	107	47
E	878 / -	-	410	109	-

Wind reactions based on MWFRS
H Brg Wid = 5.5 Min Req = 1.5
E Brg Wid = - Min Req = -
Bearing H is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	802	-2019	C - D	786	-2092
B - C	793	-2023			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
H - G	143	-96	F - E	41	-16
G - F	2173	-831			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
H - A	340	-803	G - C	124	-162
A - G	2032	-802	C - F	265	-468
I - A	5	-3	F - D	2122	-795
G - B	247	-436	D - E	343	-825

Lumber

Value Set: NDS 2015

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

Wind

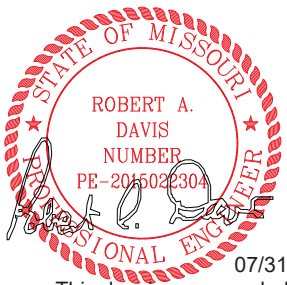
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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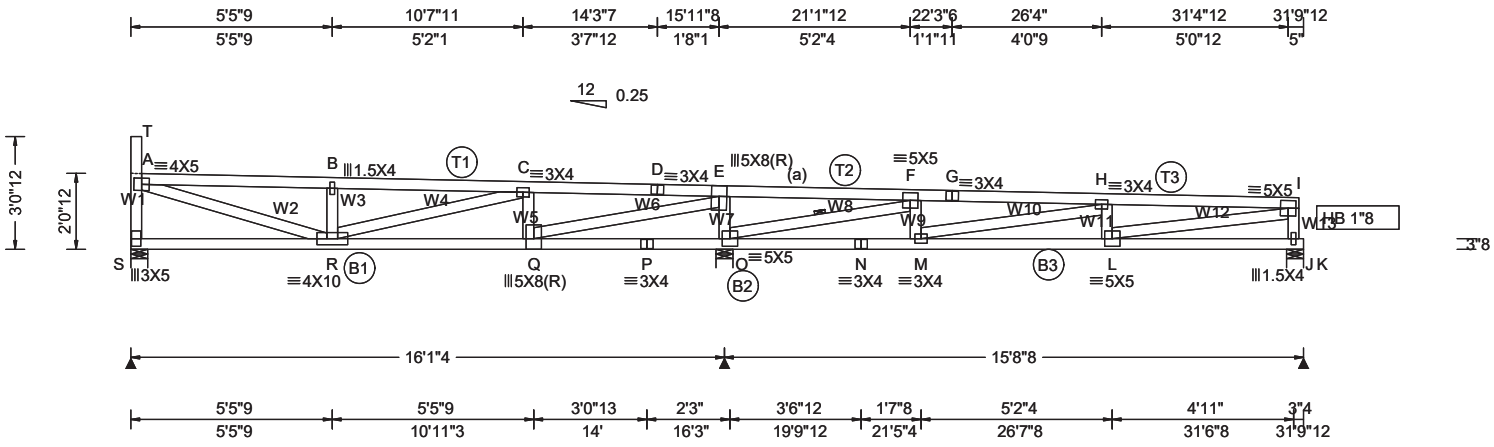
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R51	Ply: 1 Qty: 5 Wgt: 154.0 lbs	SEQN: 81552 / T64 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.75 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.18 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.102	H	999	360
VERT(TL): 0.207	H	893	240
HORZ(LL): 0.015	A	-	-
HORZ(TL): 0.030	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.940
Max BC CSI: 0.556
Max Web CSI: 0.958
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
S	741	/-	/-	/322	/88	/58
O	2118	/-	/-	/983	/259	/-
J	704	/-	/-	/305	/79	/-

Wind reactions based on MWFRS
S Brg Wid = 5.5 Min Req = 1.5 (Truss)
O Brg Wid = 5.5 Min Req = 2.1 (Truss)
J Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings S, O, & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	390	- 1691	E - F	1839	- 420
B - C	384	- 1696	F - G	186	- 1153
C - D	209	- 1253	G - H	186	- 1161
D - E	209	- 1256	H - I	375	- 1872

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
S - R	162	- 73	N - M	1095	- 177
R - Q	1356	- 230	M - L	1938	- 402
Q - P	359	- 1577	L - K	51	- 12
P - O	359	- 1577	K - J	0	0
O - N	1095	- 177			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
S - A	186	- 692	E - O	364	- 1299
A - R	1693	- 404	O - F	615	- 2649
T - A	5	- 3	F - M	327	- 14
R - B	184	- 482	M - H	243	- 984
R - C	578	- 138	H - L	131	- 308
C - Q	209	- 622	L - I	1860	- 369
Q - E	2516	- 573	I - K	162	- 648

Lumber

Value Set: NDS 2015

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

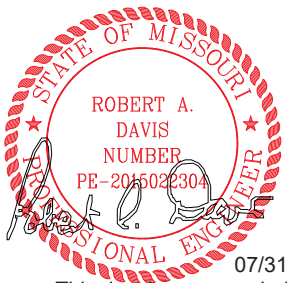
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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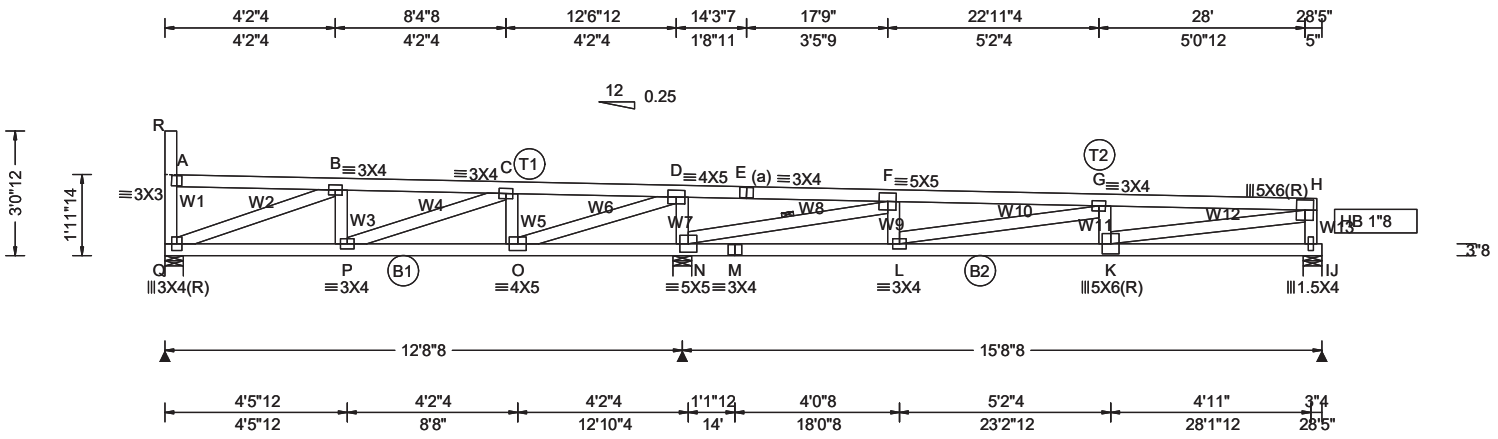
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R52	Ply: 1 Qty: 1 Wgt: 144.2 lbs	SEQN: 81553 / T94 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.71 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.108	G	999	360
VERT(TL): 0.209	G	884	240
HORZ(LL): 0.012	J	-	-
HORZ(TL): 0.022	J	-	-

Creep Factor: 2.0
Max TC CSI: 0.799
Max BC CSI: 0.559
Max Web CSI: 0.716
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Q	558	/-	/-	/229	/65	/58
N	1925	/-	/-	/896	/237	/-
I	709	/-	/0	/316	/82	/-

Wind reactions based on MWFRS
Q Brg Wid = 5.5 Min Req = 1.5 (Truss)
N Brg Wid = 5.5 Min Req = 1.9 (Truss)
I Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings Q, N, & J are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	92	- 150	E - F	1614	- 407
B - C	249	- 1009	F - G	258	- 1203
C - D	366	- 657	G - H	445	- 1893
D - E	1617	- 406			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Q - P	1006	- 244	M - L	1137	- 248
P - O	743	- 316	L - K	1960	- 476
O - N	350	- 1391	K - J	51	- 13
N - M	1137	- 248	J - I	0	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
Q - A	55	- 139	D - N	349	- 1119
Q - B	272	- 1055	N - F	672	- 2631
R - A	6	- 3	F - L	308	- 13
B - P	94	- 98	L - G	242	- 886
P - C	530	- 142	G - K	147	- 313
C - O	191	- 542	K - H	1881	- 439
O - D	1692	- 436	H - J	182	- 653

Lumber

Value Set: NDS 2015

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

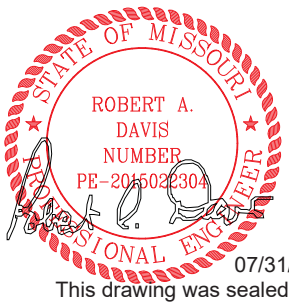
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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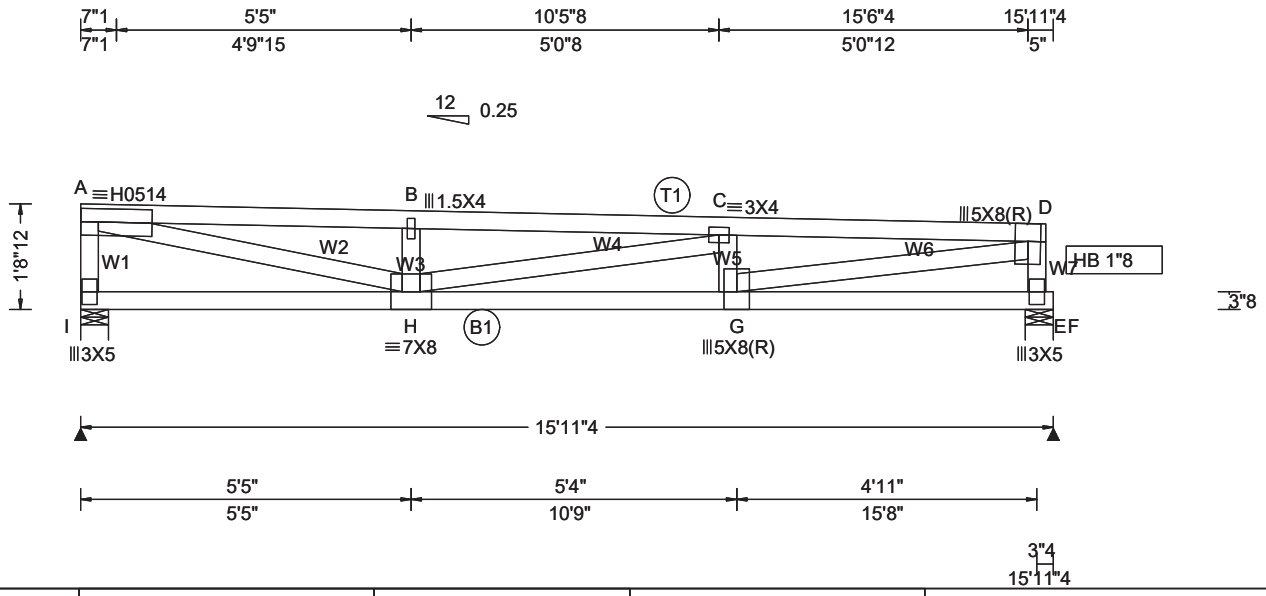
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R52B	Ply: 1 Qty: 5 Wgt: 75.6 lbs	SEQN: 81554 / T129 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.59 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
HS, WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.159 C	999	360
VERT(TL):	0.292 C	649	240
HORZ(LL):	0.027 A	-	-
HORZ(TL):	0.049 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.744
Max BC CSI: 0.725
Max Web CSI: 0.968
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
I	870 /-	/-	/401	/106	/10
F	884 /-	/0	/403	/103	/0

Wind reactions based on MWFRS
I Brg Wid = 5.5 Min Req = 1.5 (Truss)
F Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings I & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	912	-2488	C - D	918	-2543
B - C	906	-2488			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - H	44	0	G - F	57	-22
H - G	2644	-973	F - E	0	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - I	334	-813	C - G	253	-462
A - H	2523	-929	G - D	2540	-914
H - B	271	-501	D - F	329	-813
H - C	79	-165			

Lumber

Value Set: NDS 2015

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

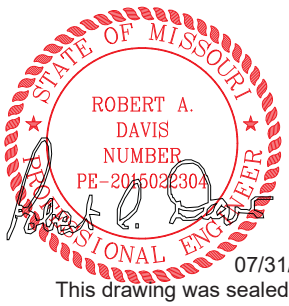
Wind

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

End verticals not exposed to wind pressure.

Additional Notes

Truss must be installed as shown with top chord up.



07/31/24
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Robert A Davis PE,

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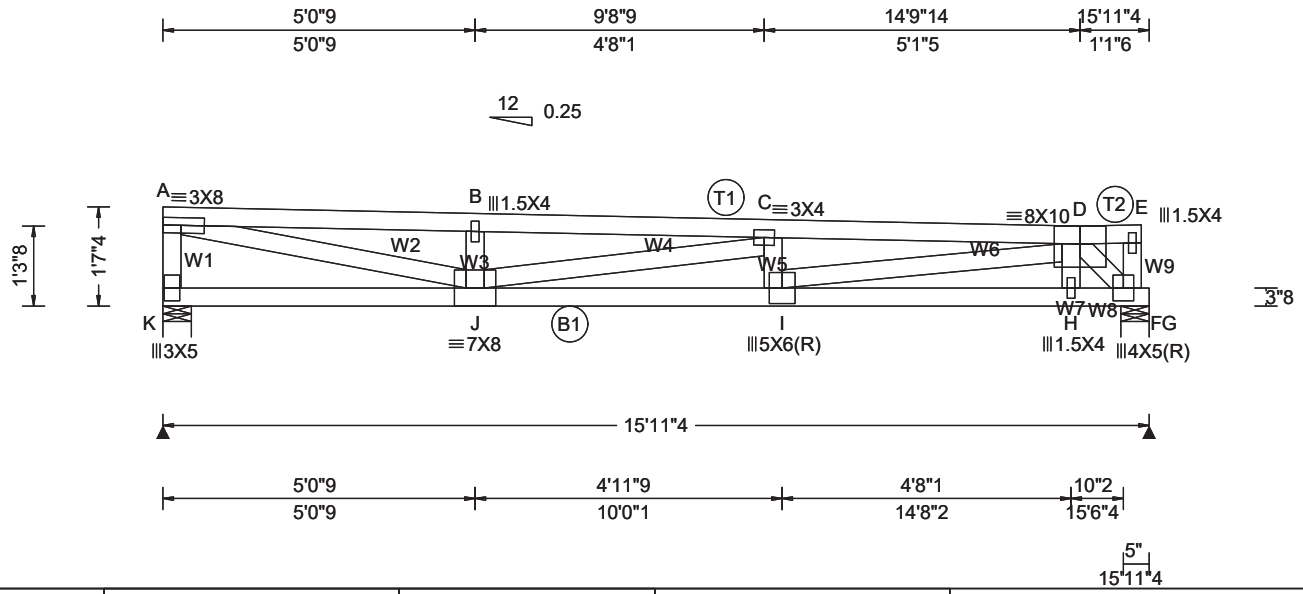
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R53	Ply: 1 Qty: 1 Wgt: 77.0 lbs	SEQN: 81556 / T139 / SPEC FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.47 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.180 C	999	360
VERT(TL):	0.331 C	573	240
HORZ(LL):	0.029 A	-	-
HORZ(TL):	0.053 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.740
Max BC CSI: 0.841
Max Web CSI: 0.796
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
K	870	/-	/-	/401	/105	/9
G	884	/-	/0	/403	/103	/0

Wind reactions based on MWFRS
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
G Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings K & G are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	954	-2610	C - D	1064	-2937
B - C	948	-2611	D - E	1	-4

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
K - J	42	0	H - G	866	-300
J - I	3026	-1117	G - F	0	0
I - H	887	-299			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - K	332	-816	I - D	2089	-779
A - J	2647	-971	H - D	144	0
J - B	249	-460	D - G	425	-1227
J - C	182	-432	E - G	24	-46
C - I	217	-374			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3 W2 2x4 SP #2;

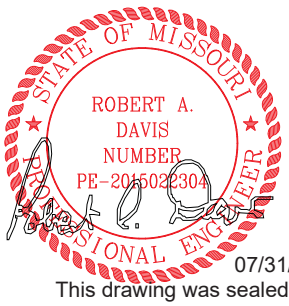
Wind

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

End verticals not exposed to wind pressure.

Deflection

Max JT VERT DEFL: LL: 0.18" DL: 0.15". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.



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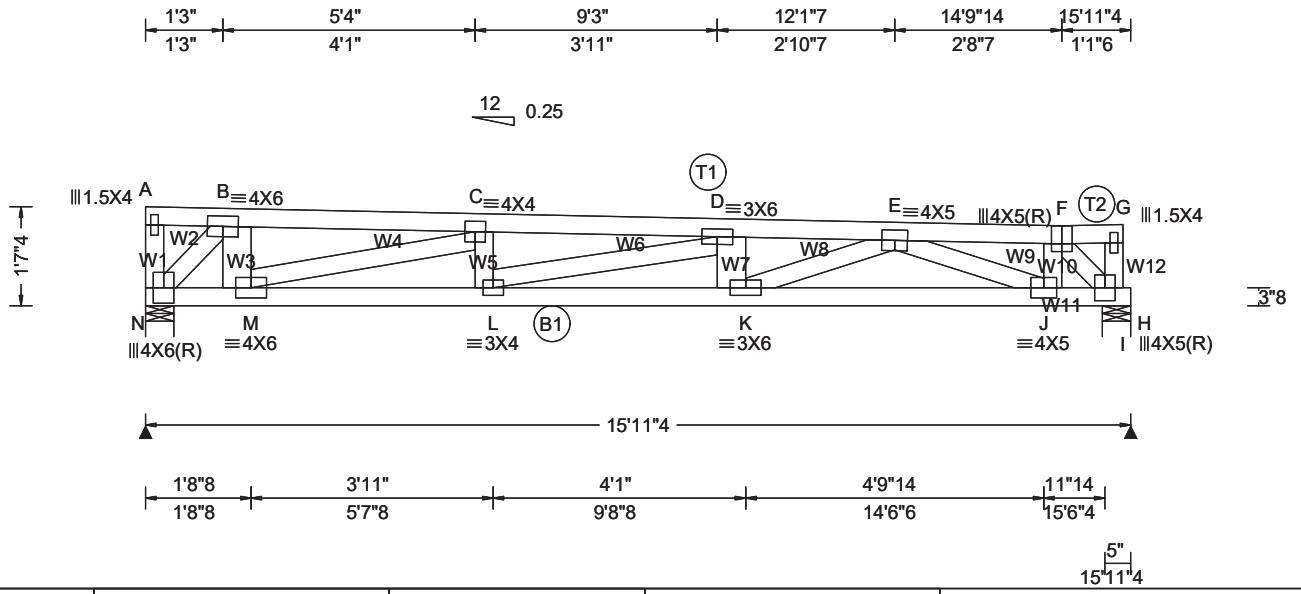
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R54X	Ply: 2 Qty: 2 Wgt: 162.4 lbs	SEQN: 81450 / T73 / SPEC FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 0.00 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Load Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.292	D	650	360
VERT(TL): 0.348	D	545	240
HORZ(LL): 0.060	I	-	-
HORZ(TL): 0.072	I	-	-

Creep Factor: 2.0
Max TC CSI: 0.648
Max BC CSI: 0.861
Max Web CSI: 0.522
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
N	2961	/-568	/-	/644	/1194	/9
I	1992	/-	/0	/403	/684	/0

Wind reactions based on MWFRS
N Brg Wid = 5.5 Min Req = 1.7 (Truss)
I Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings N & I are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	3	-7	D - E	1659	-4320
B - C	684	-1734	E - F	424	-1220
C - D	1265	-3452	F - G	1	-4

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	1528	-624	K - J	3062	-1143
M - L	3359	-1229	J - I	964	-333
L - K	4534	-1762	I - H	0	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - N	91	-44	D - K	277	-578
N - B	891	-2182	K - E	1369	-561
B - M	609	-177	E - J	786	-2014
M - C	576	-1714	J - F	909	-325
C - L	386	-147	F - I	472	-1366
L - D	521	-1135	G - I	12	-24

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #1
Webs 2x4 SP #3 W3,W7 2x6 SP #1;

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @ 9.75" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC: From	90 plf at	0.00 to	90 plf at	15.81	
BC: From	20 plf at	0.00 to	20 plf at	15.81	
BC: From	110 plf at	15.81 to	110 plf at	15.94	

TC: 1600 lb Conc. Load at 1.48, 9.48

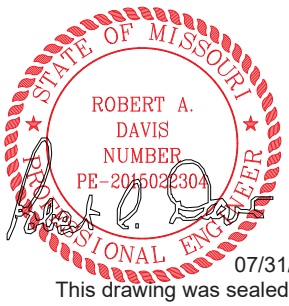
Wind

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

End verticals not exposed to wind pressure.

Additional Notes

Negative reaction(s) of -568# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.



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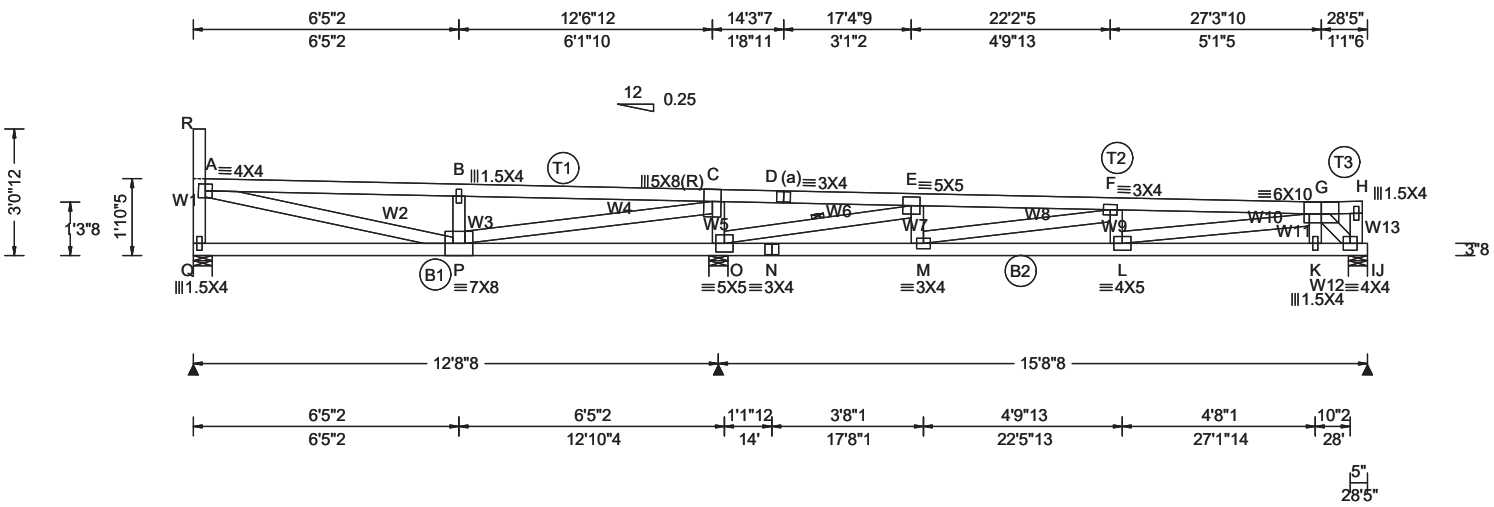
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R55	Ply: 1 Qty: 2 Wgt: 140.0 lbs	SEQN: 81555 / T98 / SPEC FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00

NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.60 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.121 F	999	360
VERT(TL):	0.236 F	785	240
HORZ(LL):	0.010 J	-	-
HORZ(TL):	0.022 J	-	-

Creep Factor: 2.0
Max TC CSI: 0.894
Max BC CSI: 0.644
Max Web CSI: 0.886
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Q	569	/-	/-	/238	/67	/62
O	1890	/-	/-	/878	/232	/-
I	727	/-	/0	/324	/83	/0

Wind reactions based on MWFRS
Q Brg Wid = 5.5 Min Req = 1.5 (Truss)
O Brg Wid = 5.5 Min Req = 1.9 (Truss)
I Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings Q, O, & J are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	310	- 1321	E - F	255	- 1278
B - C	302	- 1327	F - G	511	- 2191
C - D	1522	- 386	G - H	0	- 4
D - E	1518	- 387			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Q - P	200	- 109	M - L	2247	- 541
P - O	328	- 1280	L - K	727	- 154
O - N	1198	- 241	K - J	708	- 157
N - M	1198	- 241	J - I	0	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
Q - A	160	- 509	E - M	346	- 31
A - P	1267	- 336	M - F	301	- 1112
R - A	6	- 4	F - L	125	- 240
P - B	237	- 587	L - G	1491	- 363
P - C	2325	- 614	K - G	127	0
C - O	353	- 1095	G - J	222	- 1004
O - E	659	- 2613	H - J	18	- 45

Lumber

Value Set: NDS 2015

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	28.13	1.21	9.75	2.37

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

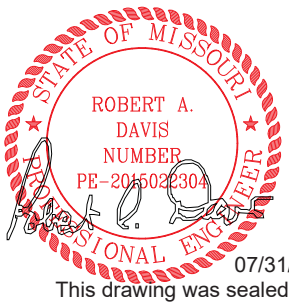
Wind

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

End verticals not exposed to wind pressure.

Deflection

Max JT VERT DEFL: LL: 0.12" DL: 0.14". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.



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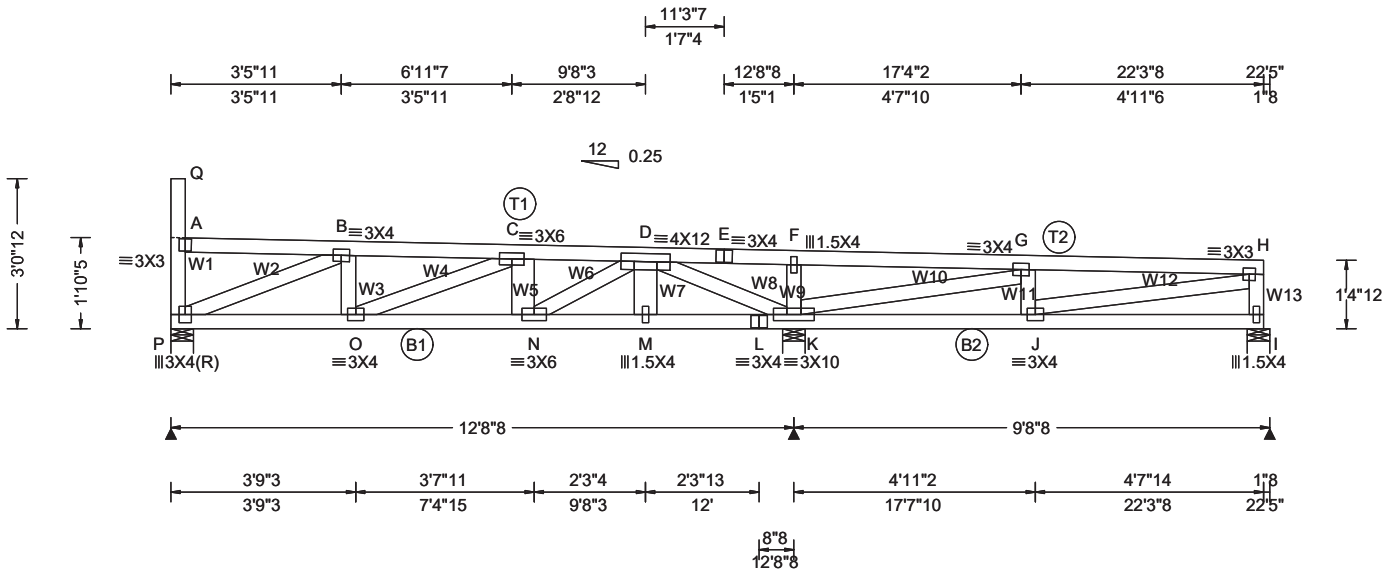
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R56X	Ply: 2 Qty: 5 Wgt: 243.6 lbs	SEQN: 81446 / T97 / SPEC FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 0.00 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.054	C	999	360
VERT(TL): 0.069	C	999	240
HORZ(LL): 0.013	I	-	-
HORZ(TL): 0.017	I	-	-

Creep Factor: 2.0
Max TC CSI: 0.390
Max BC CSI: 0.411
Max Web CSI: 0.503
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
P	941	/-	/-	/268	/263	/59
K	2116	/-	/-	/695	/508	/-
I	429	/-	/-	/175	/47	/-

Wind reactions based on MWFRS
P Brg Wid = 5.5 Min Req = 1.5 (Truss)
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
I Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings P, K, & I are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	47	-69	E - F	710	-191
B - C	304	-970	F - G	712	-192
C - D	451	-1233	G - H	88	-385
D - E	711	-192			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
P - O	917	-284	L - K	750	-315
O - N	1455	-554	K - J	394	-98
N - M	750	-315	J - I	18	-6
M - L	750	-315			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
P - A	26	-61	M - D	27	-29
P - B	307	-987	D - K	433	-1368
Q - A	2	-2	K - F	85	-219
B - O	267	-101	K - G	237	-885
O - C	275	-534	G - J	47	-48
C - N	325	-702	J - H	376	-84
N - D	1321	-554	H - I	64	-190

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3 W5,W7 2x6 SP #1;

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 90 plf at 0.29 to 90 plf at 22.29
BC: From 20 plf at 0.00 to 20 plf at 22.29
TC: 1600 lb Conc. Load at 7.18
TC: -1100 lb Conc. Load at 9.68

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	22.13	1.21	9.75	2.37

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

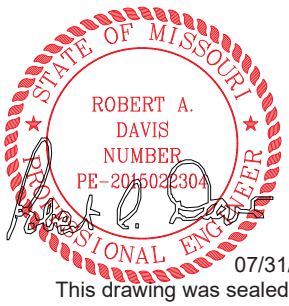
Wind

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

End verticals not exposed to wind pressure.

Additional Notes

Truss must be installed as shown with top chord up.



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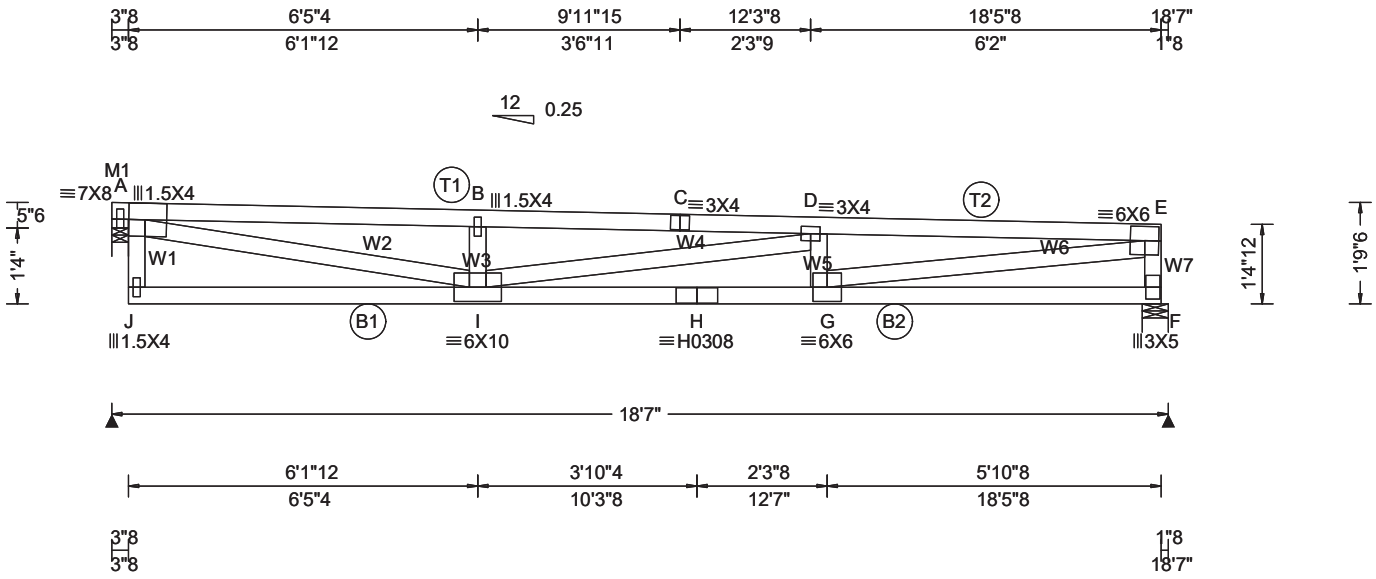
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R57	Ply: 1 Qty: 12 Wgt: 91.0 lbs	SEQN: 81558 / T72 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.61 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.254	D	866	360
VERT(TL): 0.464	D	473	240
HORZ(LL): -0.042	E	-	-
HORZ(TL): 0.077	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.926
Max BC CSI: 0.938
Max Web CSI: 0.765
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1017	/-	/-	/465	/126	/12
F	1007	/-	/-	/464	/122	/-

Wind reactions based on MWFRS
A Brg Wid = 3.5 Min Req = 1.5 (Truss)
F Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings A & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1133	-3316	C - D	1125	-3316
B - C	1126	-3311	D - E	1130	-3380

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	14	-1	H - G	3493	-1188
I - H	3493	-1188	G - F	80	-27

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - I	3390	-1146	D - G	273	-525
J - A	61	0	G - E	3351	-1118
I - B	311	-633	E - F	353	-942
I - D	75	-187			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP 2400f-2.0E T2 2x4 SP #1;
Bot chord 2x4 SP #2
Webs 2x4 SP #3 W2,W6 2x4 SP #2;
Lt Bearing Leg: 2x4 SP #3;

Wind

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

End verticals not exposed to wind pressure.

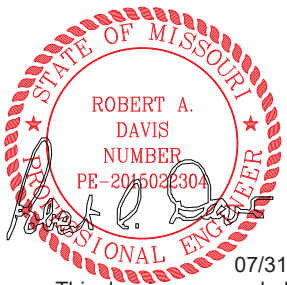
Deflection

Max JT VERT DEFL: LL: 0.25" DL: 0.21". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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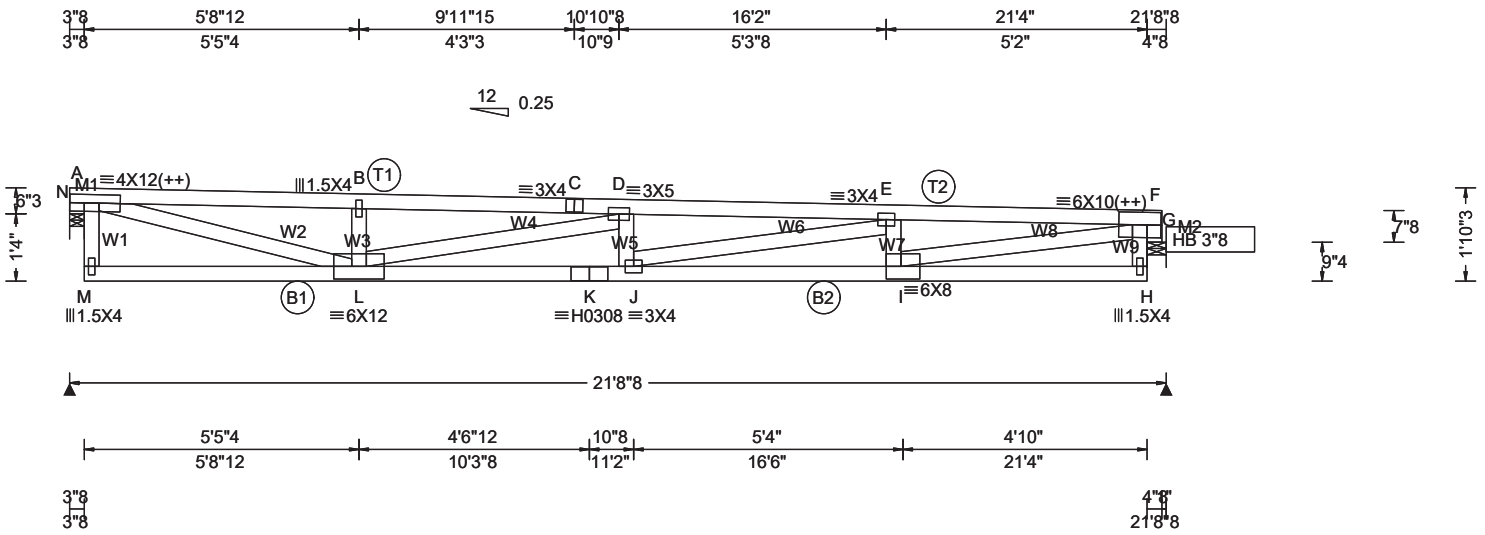
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R57B	Ply: 1 Qty: 3 Wgt: 107.8 lbs	SEQN: 81606 / T105 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.64 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.338	D	753	360
VERT(TL): 0.617	D	412	240
HORZ(LL): -0.036	F	-	-
HORZ(TL): 0.067	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.383
Max BC CSI: 0.796
Max Web CSI: 0.800
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
N	1183	/-	/-	/542	/146	/14
G	1183	/-	/-	/542	/146	/-

Wind reactions based on MWFRS
N Brg Wid = 3.5 Min Req = 1.5 (Support)
G Brg Wid = 4.5 Min Req = 1.5 (Support)
Bearings N & G are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	864	-3471	D - E	1157	-4719
B - C	859	-3470	E - F	906	-3718
C - D	858	-3471			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
M - L	153	-42	J - I	3877	-959
L - K	4734	-1167	I - H	258	-73
K - J	4734	-1167			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - L	3445	-836	J - E	860	-194
N - A	518	-1635	E - I	247	-717
M - N	57	0	I - F	3542	-850
L - B	198	-507	G - H	59	0
L - D	332	-1310	F - G	534	-1724
D - J	88	-100			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP 2400f-2.0E
Bot chord 2x4 SP #1
Webs 2x4 SP #3 W2,W3,W8,W9 2x4 SP #2;
Lt Bearing Leg: 2x4 SP #3;
Rt Bearing Leg: 2x4 SP #3;

Plating Notes

(++) - This plate works for both joints covered.

Wind

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

End verticals not exposed to wind pressure.

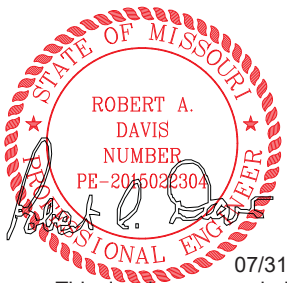
Deflection

Max JT VERT DEFL: LL: 0.34" DL: 0.28". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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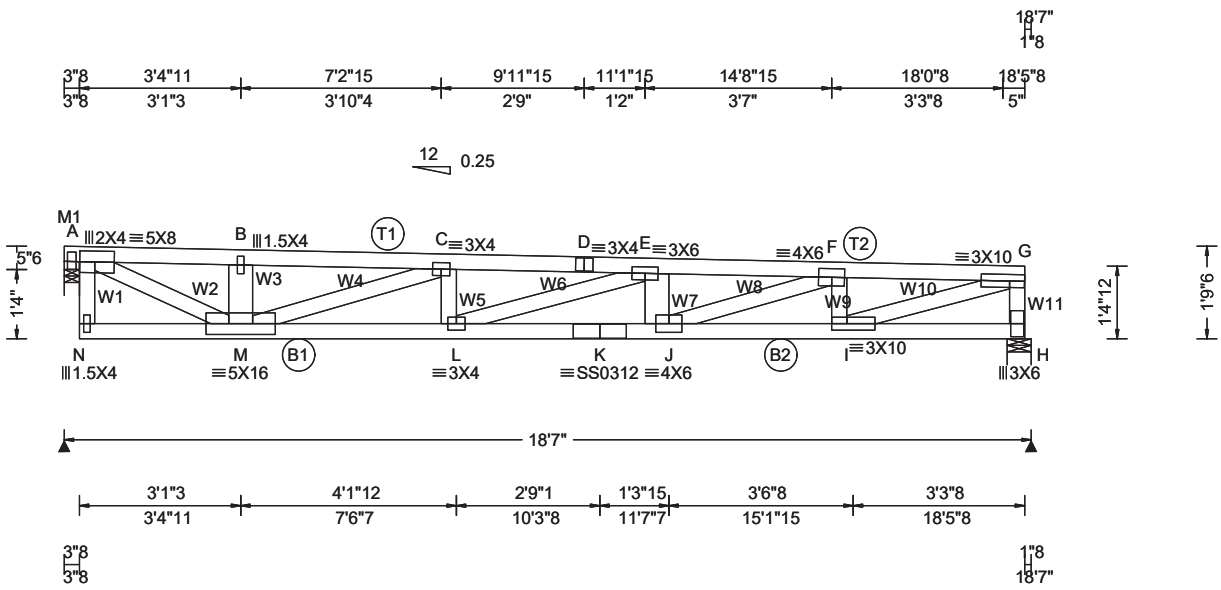
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R58X	Ply: 2 Qty: 2 Wgt: 197.4 lbs	SEQN: 81448 / T71 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.61 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.393 E	559	360
VERT(TL):	0.477 E	461	240
HORZ(LL):	-0.073 G	-	-
HORZ(TL):	0.089 G	-	-

Creep Factor: 2.0
Max TC CSI: 0.570
Max BC CSI: 0.963
Max Web CSI: 0.795
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	2951	/-312	/-	/568	/1134	/12
H	2273	/-	/-	/464	/782	/-

Wind reactions based on MWFRS
A Brg Wid = 3.5 Min Req = 1.5 (Truss)
H Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings A & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1262	-3186	D - E	1672	-4489
B - C	1258	-3178	E - F	1925	-5019
C - D	1671	-4488	F - G	1090	-3006

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	5	-2	K - J	5254	-2035
M - L	4416	-1645	J - I	3231	-1178
L - K	5254	-2035	I - H	21	-6

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - M	3522	-1395	E - J	326	-700
N - A	29	-3	J - F	1907	-798
M - B	498	-1086	F - I	375	-963
M - C	410	-1313	I - G	3134	-1138
C - L	329	-122	G - H	390	-1105
L - E	386	-813			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP 2400f-2.0E T2 2x4 SP #1;
Bot chord 2x4 SP #1
Webs 2x4 SP #3 W2,W10 2x4 SP #2; W3,
W7 2x6 SP #1;
Lt Bearing Leg: 2x4 SP #3;

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @ 7.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 90 plf at 0.00 to 90 plf at 18.46
BC: From 20 plf at 0.29 to 20 plf at 18.46
TC: 1600 lb Conc. Load at 3.39,11.39

Wind

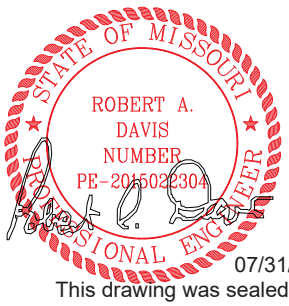
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Negative reaction(s) of -312# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

Truss must be installed as shown with top chord up.



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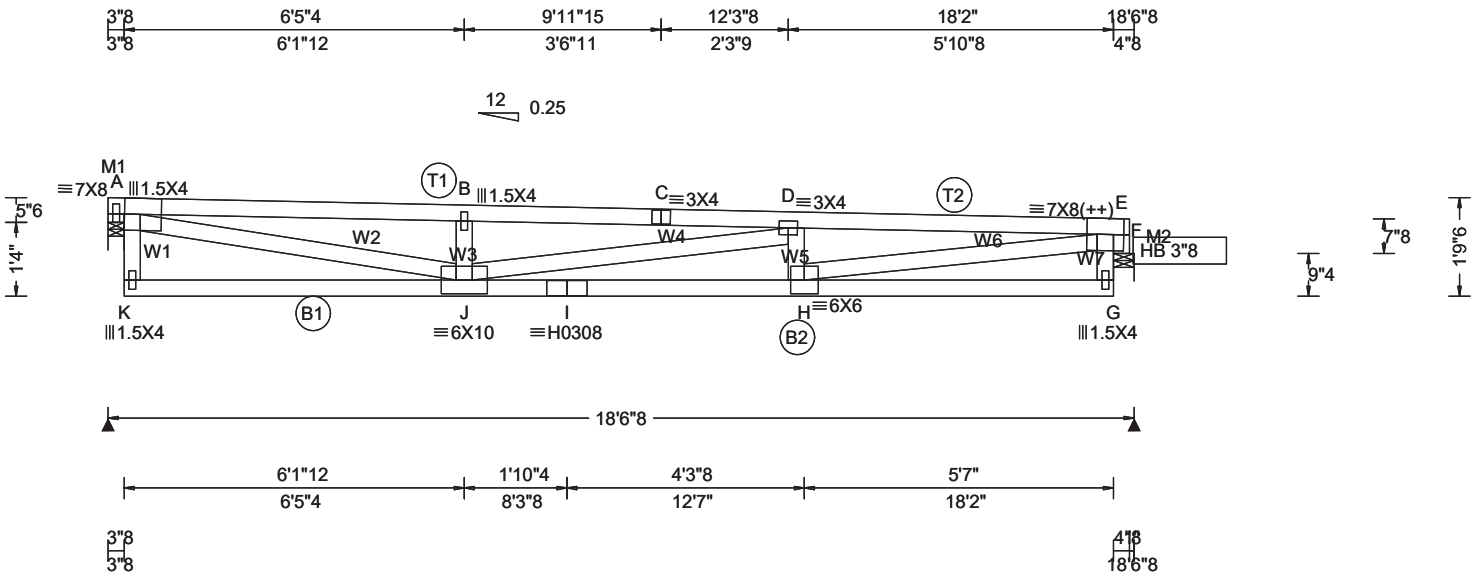
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R59	Ply: 1 Qty: 5 Wgt: 89.6 lbs	SEQN: 81559 / T121 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.61 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.240	D	906	360
VERT(TL): 0.437	D	497	240
HORZ(LL): -0.044	E	-	-
HORZ(TL): 0.080	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.756
Max BC CSI: 0.912
Max Web CSI: 0.756
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1007	/-	/-	/461	/124	/12
F	1012	/-	/-	/463	/125	/-

Wind reactions based on MWFRS
A Brg Wid = 3.5 Min Req = 1.5 (Truss)
F Brg Wid = 4.5 Min Req = 1.5 (Support)
Bearings A & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1120	-3277	C - D	1112	-3276
B - C	1113	-3271	D - E	1083	-3246

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
K - J	14	-1	I - H	3352	-1136
J - I	3352	-1136	H - G	299	-119

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - J	3349	-1133	D - H	255	-494
K - A	61	0	H - E	2999	-979
J - B	317	-645	F - G	63	0
J - D	35	-84	E - F	747	-1753

Lumber

Value Set: NDS 2015

Top chord 2x4 SP 2400f-2.0E T2 2x4 SP #2;
Bot chord 2x4 SP #2
Webs 2x4 SP #2 W1,W4,W5 2x4 SP #3;
Lt Bearing Leg: 2x4 SP #3;
Rt Bearing Leg: 2x4 SP #3;

Plating Notes

(++) - This plate works for both joints covered.

Wind

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

End verticals not exposed to wind pressure.

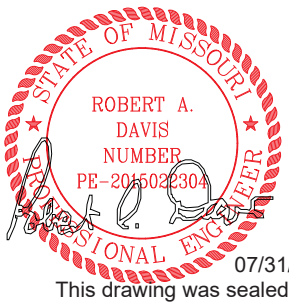
Deflection

Max JT VERT DEFL: LL: 0.24" DL: 0.19". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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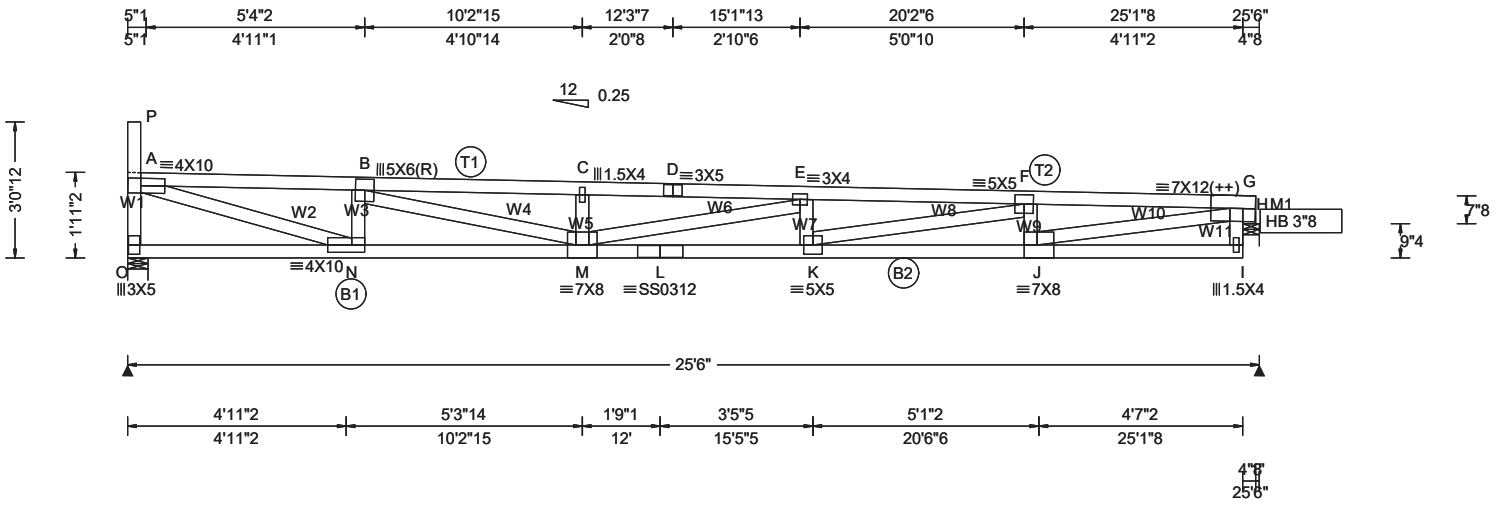
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R60	Ply: 1 Qty: 2 Wgt: 124.6 lbs	SEQN: 81561 / T106 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.68 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 28.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.578	E	524	360
VERT(TL): 1.059	E	285	240
HORZ(LL): 0.083	A	-	-
HORZ(TL): 0.152	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.971
Max BC CSI: 0.602
Max Web CSI: 0.965
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
O	1361	/-	/-	/633	/166	/58
H	1402	/-	/-	/647	/174	/-

Wind reactions based on MWFRS
O Brg Wid = 5.5 Min Req = 1.5 (Truss)
H Brg Wid = 4.5 Min Req = 1.5 (Support)
Bearings O & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	930	-3761	D - E	1416	-5966
B - C	1420	-5964	E - F	1481	-6337
C - D	1416	-5960	F - G	1025	-4430

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	142	-94	L - K	6402	-1504
N - M	3949	-963	K - J	4643	-1087
M - L	6402	-1504	J - I	268	-72

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
O - A	330	-1310	E - K	141	-333
A - N	3812	-899	K - F	1742	-398
P - A	5	-3	F - J	285	-945
N - B	309	-1000	J - G	4274	-976
B - M	2105	-499	H - I	63	0
M - C	154	-413	G - H	554	-1910
M - E	144	-459			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2 T2 2x4 SP #1;
Bot chord 2x4 SP 2400f-2.0E
Webs 2x4 SP #3 W2,W10 2x4 SP #2;
Rt Bearing Leg: 2x4 SP #3;

Plating Notes

(++) - This plate works for both joints covered.

Loading

Drifting snow load has been considered for only in plane loading as follows:
Location Lu1 Lu2 Height Pd W
Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

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

End verticals not exposed to wind pressure.

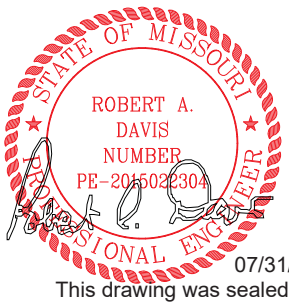
Deflection

Max JT VERT DEFL: LL: 0.57" DL: 0.48". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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Robert A Davis PE,

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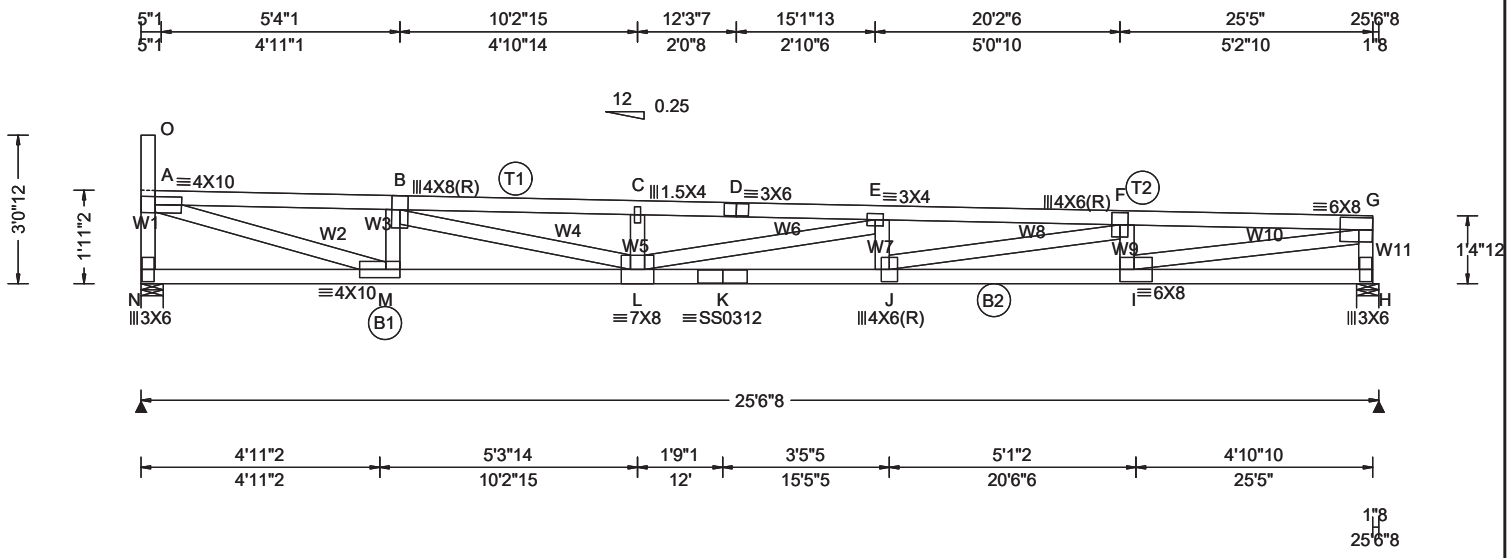
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R61	Ply: 1 Qty: 30 Wgt: 123.2 lbs	SEQN: 81560 / T61 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.68 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.558 E	546	360
VERT(TL):	1.025 E	297	240
HORZ(LL):	0.080 A	-	-
HORZ(TL):	0.147 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.988
Max BC CSI: 0.604
Max Web CSI: 0.868
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
N	1372 / -	/ -	/638	/168	/58
H	1398 / -	/ -	/648	/171	/-

Wind reactions based on MWFRS
N Brg Wid = 5.5 Min Req = 1.5 (Truss)
H Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings N & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1111	- 3794	D - E	1700	- 6043
B - C	1705	- 6041	E - F	1790	- 6455
C - D	1700	- 6037	F - G	1271	- 4623

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	178	- 110	K - J	6514	- 1814
M - L	3984	- 1150	J - I	4842	- 1347
L - K	6514	- 1814	I - H	54	- 15

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
N - A	392	- 1320	L - E	181	- 495
A - M	3846	- 1080	E - J	153	- 309
O - A	6	- 3	J - F	1658	- 449
M - B	362	- 1011	F - I	342	- 967
B - L	2148	- 607	I - G	4677	- 1283
L - C	177	- 417	G - H	394	- 1334

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2 T2 2x4 SP 2400f-2.0E;
Bot chord 2x4 SP 2400f-2.0E
Webs 2x4 SP #3 W2 2x4 SP #2; W10 2x4 SP #1;

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	25.25	1.14	7.60	1.85

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

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

End verticals not exposed to wind pressure.

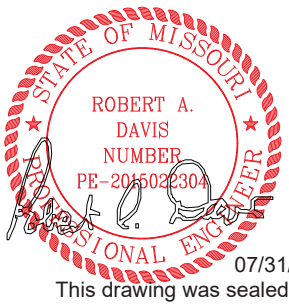
Deflection

Max JT VERT DEFL: LL: 0.55" DL: 0.46". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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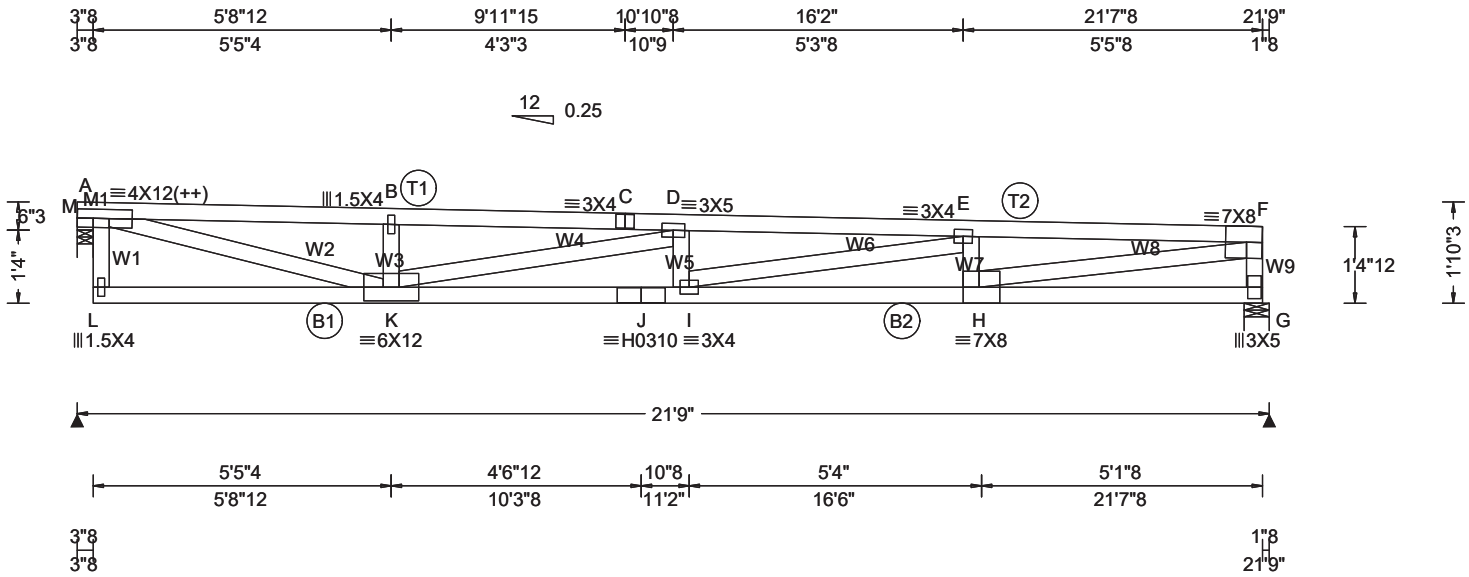
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R62	Ply: 1 Qty: 4 Wgt: 106.4 lbs	SEQN: 81562 / T68 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.64 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.396 I	649	360
VERT(TL):	0.724 I	355	240
HORZ(LL):	-0.050 F	-	-
HORZ(TL):	0.091 F	-	-

Creep Factor: 2.0
Max TC CSI: 0.996
Max BC CSI: 0.815
Max Web CSI: 0.879
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
M	1194	/-	/-	/547	/147	/14
G	1179	/-	/-	/543	/142	/-

Wind reactions based on MWFRS
M Brg Wid = 3.5 Min Req = 1.5 (Support)
G Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings M & G are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	874	-3512	D - E	1174	-4795
B - C	869	-3510	E - F	947	-3881
C - D	868	-3512			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	153	-42	I - H	4047	-1003
K - J	4805	-1183	H - G	67	-17
J - I	4805	-1183			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - K	3486	-846	D - I	81	-78
M - A	521	-1647	I - E	763	-167
L - M	57	0	E - H	259	-746
K - B	199	-508	H - F	3895	-948
K - D	338	-1341	F - G	301	-1115

Lumber

Value Set: NDS 2015

Top chord 2x4 SP 2400f-2.0E T2 2x4 SP #2;
Bot chord 2x4 SP #1
Webs 2x4 SP #3 W2,W8 2x4 SP #2;
Lt Bearing Leg: 2x4 SP #3;

Plating Notes

(++) - This plate works for both joints covered.

Wind

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

End verticals not exposed to wind pressure.

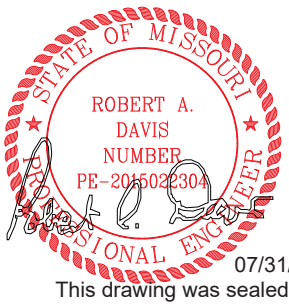
Deflection

Max JT VERT DEFL: LL: 0.40" DL: 0.33". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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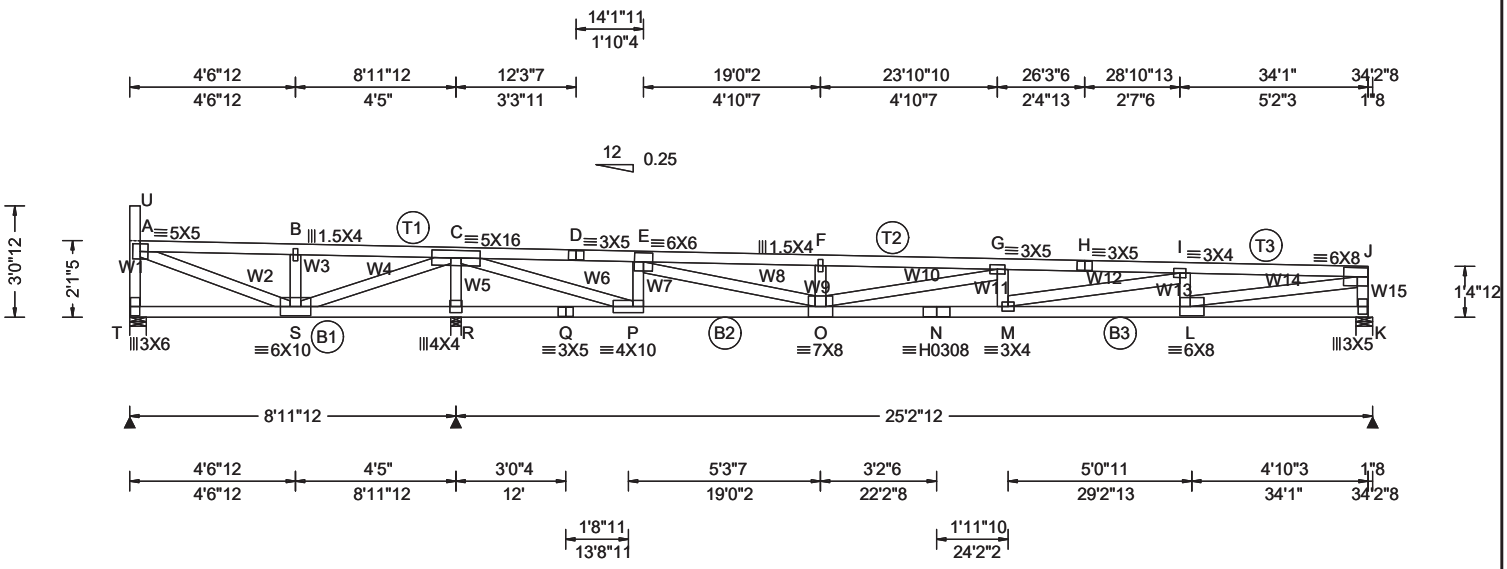
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R63	Ply: 1 Qty: 1 Wgt: 168.0 lbs	SEQN: 81564 / T57 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.77 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.42 ft
Loc. from endwall: not in 28.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.431 G	698	360
VERT(TL):	0.799 G	377	240
HORZ(LL):	-0.049 J	-	-
HORZ(TL):	0.089 J	-	-

Creep Factor: 2.0
Max TC CSI: 0.886
Max BC CSI: 0.749
Max Web CSI: 0.943
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
T	120	/-510	/-	/39	/131	/57
R	2876	/-	/-	/1335	/352	/-
K	1121	/-	/-	/514	/135	/-

Wind reactions based on MWFRS
T Brg Wid = 5.5 Min Req = 1.5 (Truss)
R Brg Wid = 3.5 Min Req = 3.0 (Truss)
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings T, R, & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1597	-267	F - G	639	-3200
B - C	1596	-268	G - H	869	-4380
C - D	47	-194	H - I	868	-4385
D - E	46	-198	I - J	693	-3509
E - F	643	-3199			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
T - S	135	-47	O - N	4397	-877
S - R	758	-3811	N - M	4397	-877
R - Q	757	-3806	M - L	3669	-739
Q - P	757	-3806	L - K	58	-12
P - O	436	-86			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
T - A	550	-91	E - O	2912	-571
A - S	348	-1677	O - F	144	-434
U - A	4	-2	O - G	258	-1256
S - B	146	-443	G - M	88	-84
S - C	2766	-504	M - I	733	-184
R - C	576	-2724	I - L	208	-714
C - P	4179	-823	L - J	3533	-695
P - E	314	-1275	J - K	235	-1061

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #1 B1 2x4 SP #2;
Webs 2x4 SP #3 W4,W6,W8,W14 2x4 SP #2;

Wind

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

End verticals not exposed to wind pressure.

Deflection

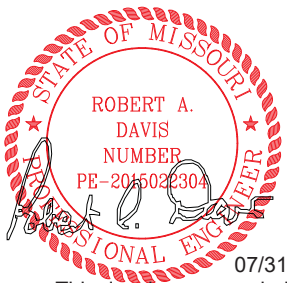
Max JT VERT DEFL: LL: 0.43" DL: 0.42". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Negative reaction(s) of -510# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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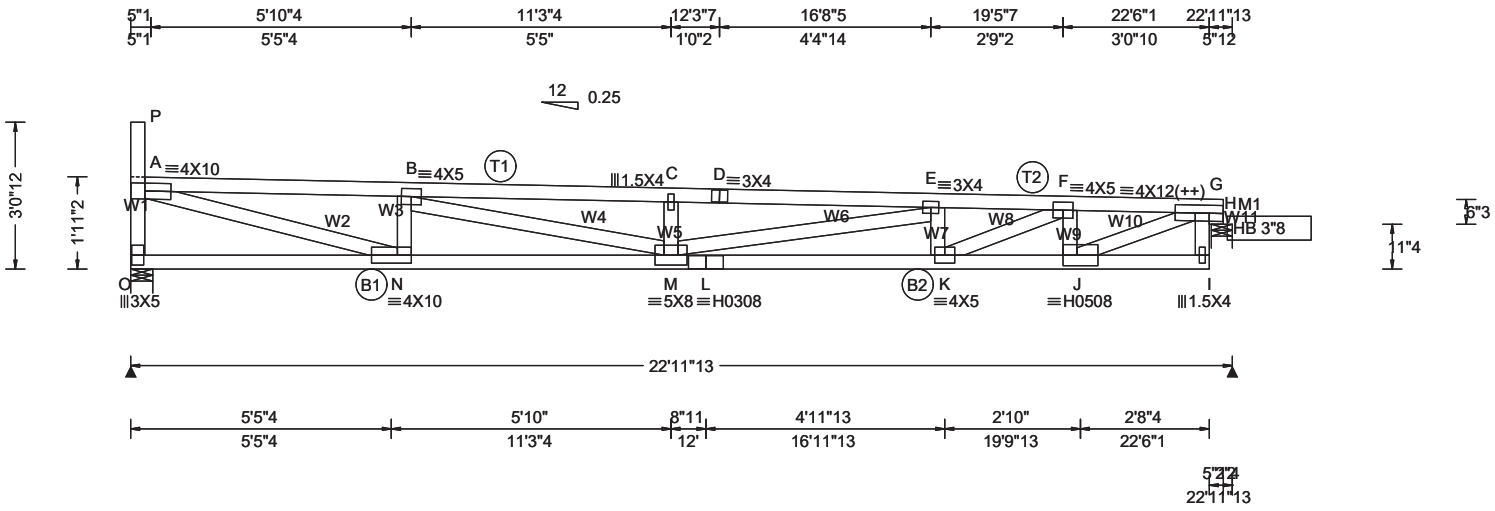
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R64	Ply: 1 Qty: 4 Wgt: 116.2 lbs	SEQN: 81565 / T41 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00

NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.71 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 28.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.393 C	691	360
VERT(TL):	0.720 C	377	240
HORZ(LL):	0.056 A	-	-
HORZ(TL):	0.102 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.858
Max BC CSI: 0.764
Max Web CSI: 0.980
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
O	1220	/-	/-	/568	/150	/57
H	1256	/-	/-	/580	/157	/-

Wind reactions based on MWFRS
O Brg Wid = 5.5 Min Req = 1.5
H Brg Wid = 5.2 Min Req = 1.5
Bearings O & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	922	-3569	D - E	1270	-5121
B - C	1275	-5120	E - F	1026	-4195
C - D	1270	-5113	F - G	615	-2525

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
O - N	139	-98	L - K	4330	-1068
N - M	3728	-953	K - J	2751	-676
M - L	4330	-1068	J - I	152	-40

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
O - A	314	-1165	E - K	212	-628
A - N	3584	-892	K - F	1610	-386
P - A	5	-3	F - J	274	-1006
N - B	290	-836	J - G	2573	-623
B - M	1439	-368	H - I	45	0
M - C	181	-468	G - H	400	-1381
M - E	807	-199			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2 T2 2x4 SP 2400f-2.0E;
Bot chord 2x4 SP #1
Webs 2x4 SP #3 W2 2x4 SP #2; W11 2x4 SP #1;
Rt Bearing Leg: 2x4 SP #3;

Plating Notes

(++) - This plate works for both joints covered.

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	22.51	1.14	7.60	1.85

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

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

End verticals not exposed to wind pressure.

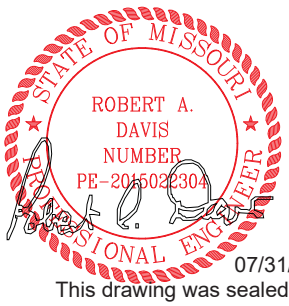
Deflection

Max JT VERT DEFL: LL: 0.39" DL: 0.33". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



07/31/24
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Robert A Davis PE,

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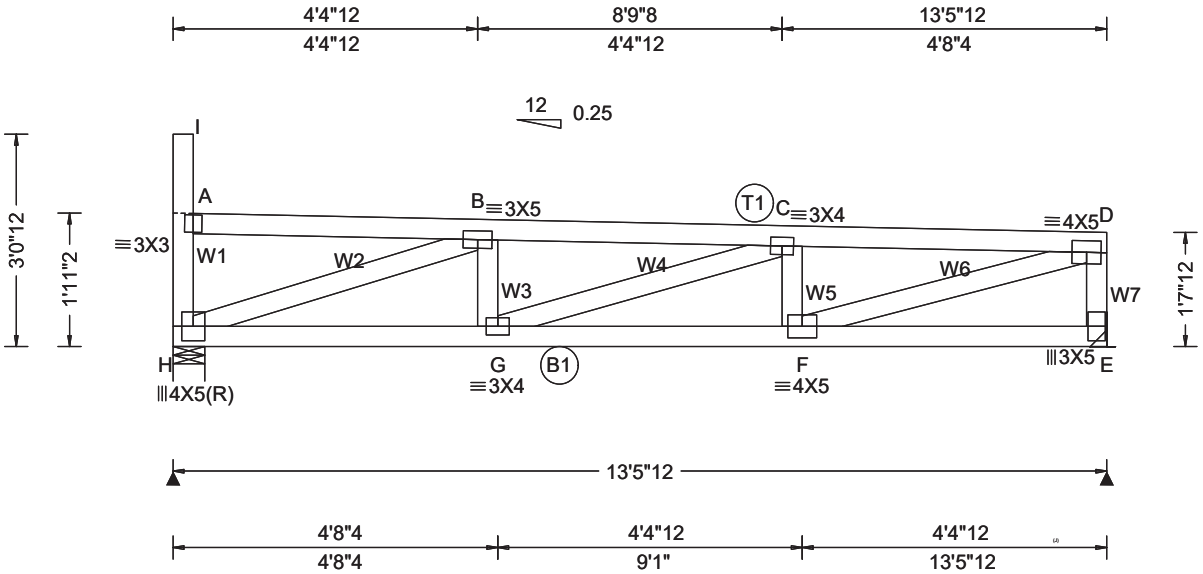
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R65	Ply: 1 Qty: 7 Wgt: 72.8 lbs	SEQN: 81566 / T31 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.80 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.063 C	999	360
VERT(TL):	0.116 C	999	240
HORZ(LL):	0.014 A	-	-
HORZ(TL):	0.026 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.449
Max BC CSI: 0.436
Max Web CSI: 0.669
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	715	/-	/-	/338	/92	/51
E	741	/-	/-	/349	/94	/-

Wind reactions based on MWFRS
H Brg Wid = 5.5 Min Req = 1.5 (Truss)
E Brg Wid = - Min Req = -
Bearing H is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	90	-125	C - D	488	-1585
B - C	500	-1541			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
H - G	1510	-498	F - E	28	-9
G - F	1660	-523			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
H - A	68	-151	G - C	102	-131
H - B	509	-1571	C - F	192	-403
I - A	5	-3	F - D	1625	-499
B - G	141	0	D - E	238	-695

Lumber

Value Set: NDS 2015

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

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	20.00	1.14	7.60	1.85

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

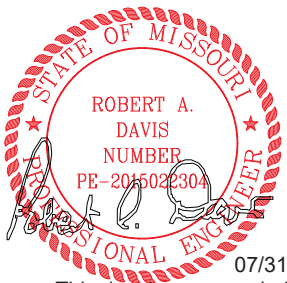
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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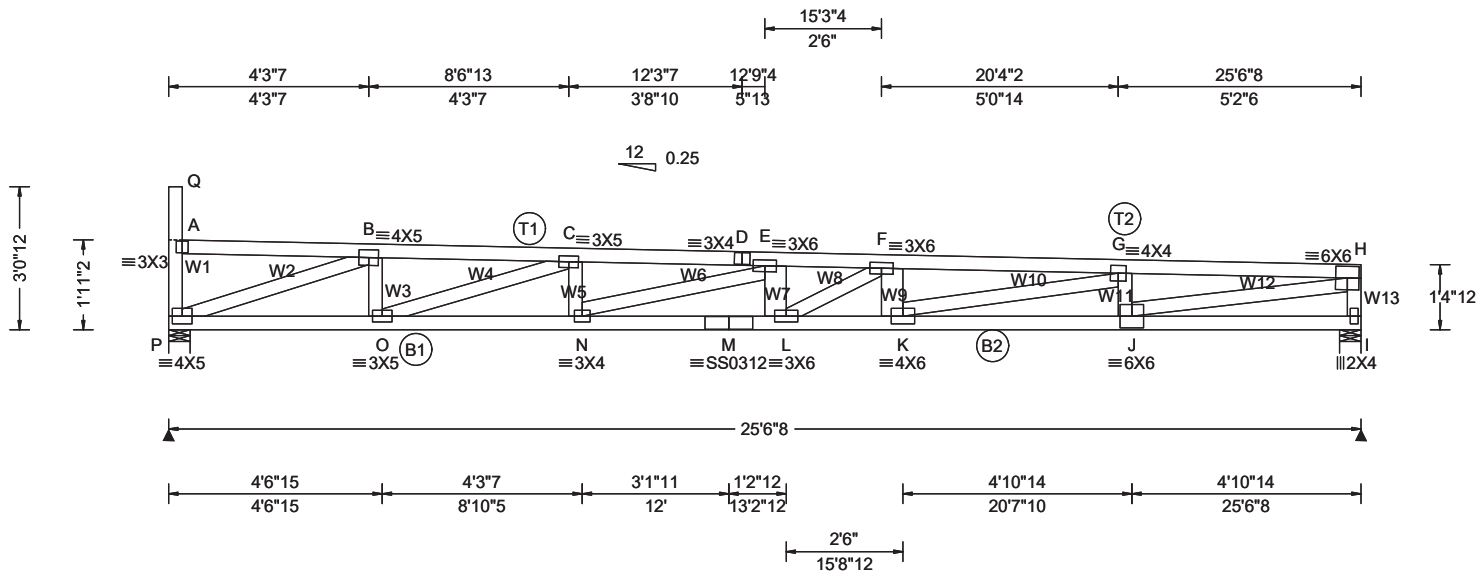
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R66X	Ply: 2 Qty: 3 Wgt: 266.0 lbs	SEQN: 81409 / T59 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.68 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.489	E	626	360
VERT(TL): 0.636	E	481	240
HORZ(LL): 0.074	A	-	-
HORZ(TL): 0.097	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.401
Max BC CSI: 0.480
Max Web CSI: 0.749
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
P	1732	/-	/-	/641	/348	/59
I	1802	/-	/-	/651	/382	/-

Wind reactions based on MWFRS
P Brg Wid = 5.5 Min Req = 1.5 (Truss)
I Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings P & I are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	51	-79	E - F	1153	-4724
B - C	505	-2247	F - G	1130	-4636
C - D	891	-3862	G - H	715	-3160
D - E	891	-3863			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
P - O	2133	-480	L - K	4746	-1170
O - N	3778	-868	K - J	3314	-757
N - M	4895	-1252	J - I	33	-8
M - L	4895	-1252			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
P - A	32	-78	E - L	665	-555
P - B	483	-2247	L - F	992	-1071
Q - A	3	-2	F - K	128	-350
B - O	612	-126	K - G	1362	-384
O - C	417	-1632	G - J	186	-678
C - N	420	-117	J - H	3202	-726
N - E	384	-1097	H - I	197	-867

Lumber

Value Set: NDS 2015

Top chord 2x4 SP 2400f-2.0E
Bot chord 2x4 SP 2400f-2.0E
Webs 2x4 SP #3 W7,W9 2x6 SP #1; W12 2x4 SP #2;

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 90 plf at 0.29 to 90 plf at 25.42
BC: From 20 plf at 0.00 to 20 plf at 25.42
TC: 1600 lb Conc. Load at 13.00
TC: -1100 lb Conc. Load at 15.50

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	25.25	1.14	7.60	1.85

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

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

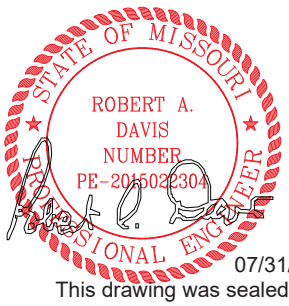
End verticals not exposed to wind pressure.

Deflection

Max JT VERT DEFL: LL: 0.49" DL: 0.22". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Truss must be installed as shown with top chord up.



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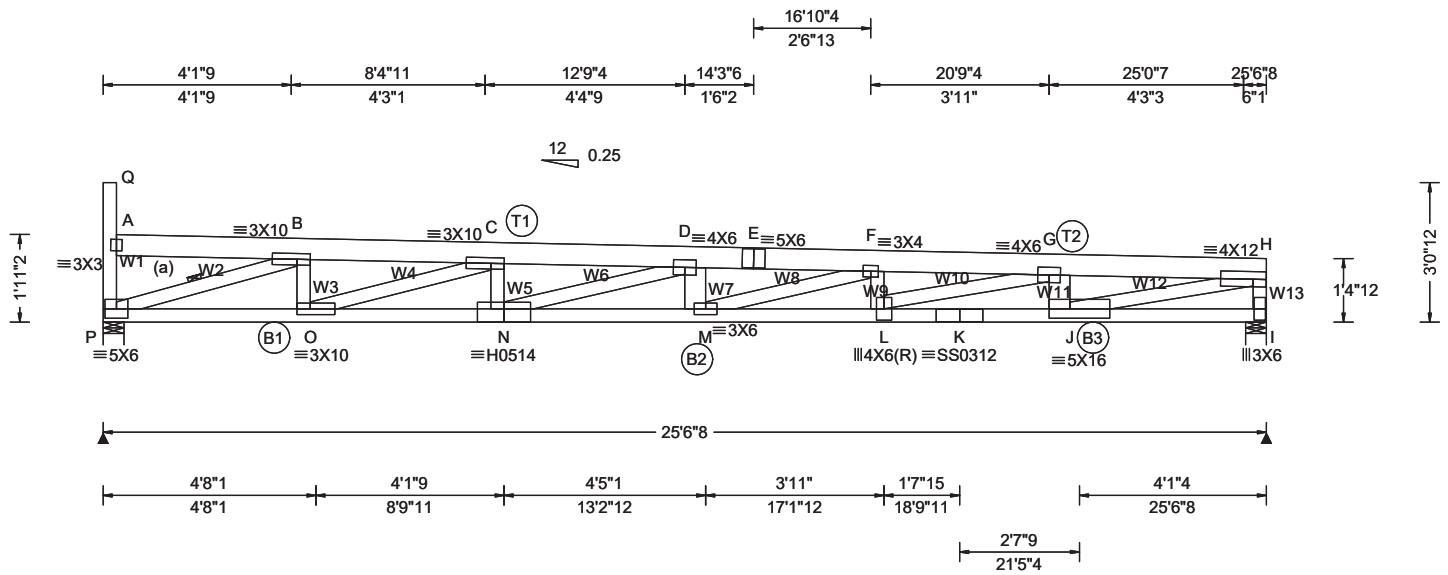
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R67	Ply: 2 Qty: 2 Wgt: 294.0 lbs	SEQN: 81431 / T58 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.68 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.830 M	369	360
VERT(TL):	1.053 M	291	240
HORZ(LL):	0.123 I	-	-
HORZ(TL):	0.156 I	-	-

Creep Factor: 2.0
Max TC CSI: 0.438
Max BC CSI: 0.811
Max Web CSI: 0.947
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
P	2449	/-	/-	/641	/722	/59
I	3521	/-73	/-	/651	/1279	/-

Wind reactions based on MWFRS
P Brg Wid = 5.5 Min Req = 1.5 (Truss)
I Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings P & I are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	53	- 76	E - F	3042	- 8452
B - C	1056	- 3393	F - G	2869	- 7965
C - D	2100	- 6256	G - H	2193	- 5870
D - E	3042	- 8450			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
P - O	3199	- 993	L - K	6425	- 2416
O - N	6091	- 2035	K - J	6425	- 2416
N - M	8488	- 3067	J - I	48	- 17
M - L	8059	- 2901			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
P - A	39	- 114	D - M	81	- 123
P - B	1038	- 3337	M - F	409	- 147
Q - A	3	- 2	F - L	142	- 416
B - O	994	- 325	L - G	1609	- 473
O - C	1036	- 2858	G - J	598	- 1492
C - N	797	- 312	J - H	5977	- 2234
N - D	1018	- 2349	H - I	631	- 1707

Lumber

Value Set: NDS 2015

Top chord 2x6 SP 2400f-2.0E
Bot chord 2x4 SP 2400f-2.0E
Webs 2x4 SP #3 W7,W11 2x6 SP #1;
W12 2x4 SP #1;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @ 9.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 90 plf at 0.29 to 90 plf at 25.42
BC: From 20 plf at 0.00 to 20 plf at 25.42
TC: 1600 lb Conc. Load at 13.00,21.00

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	25.25	1.14	7.60	1.85

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

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

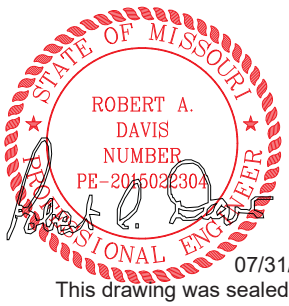
End verticals not exposed to wind pressure.

Deflection

Max JT VERT DEFL: LL: 0.83" DL: 0.22". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

Additional Notes

Truss must be installed as shown with top chord up.



07/31/24
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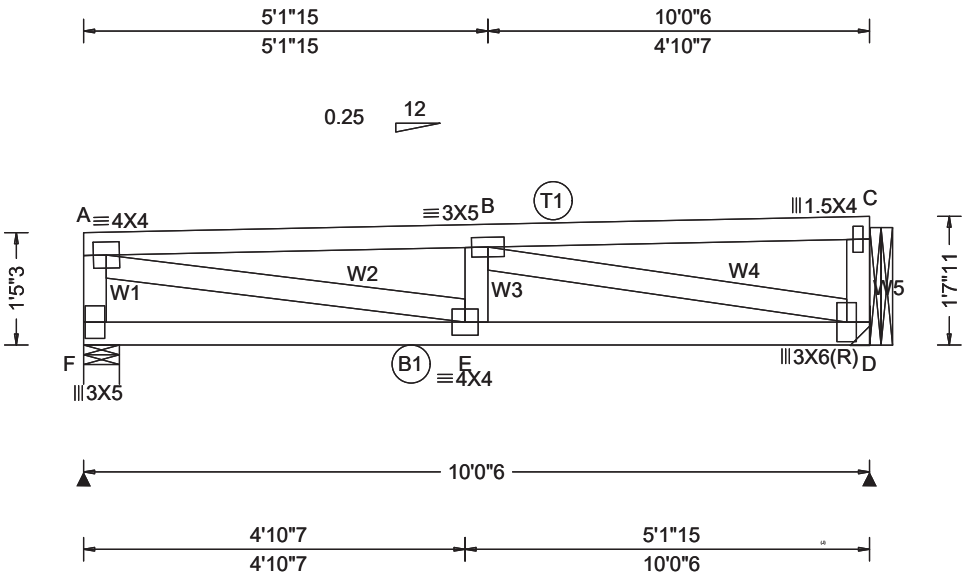
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R68	Ply: 1 Qty: 3 Wgt: 53.2 lbs	SEQN: 81567 / T83 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.56 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.048	B	999	360
VERT(TL): 0.087	B	999	240
HORZ(LL): 0.006	D	-	-
HORZ(TL): 0.011	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.459
Max BC CSI: 0.399
Max Web CSI: 0.625
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	552	/-	/-	/254	/66	/7
D	552	/-	/-	/254	/67	/-

Wind reactions based on MWFRS
F Brg Wid = 5.5 Min Req = 1.5
D Brg Wid = - Min Req = -
Bearing F is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	556	-1245	B - C	10	-34

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
F - E	39	-33	E - D	1282	-609

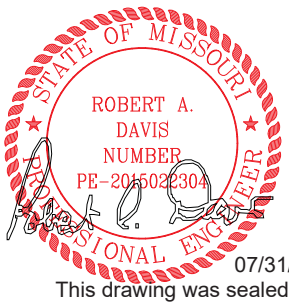
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - F	262	-503	B - D	616	-1294
A - E	1234	-548	C - D	115	-179
E - B	189	-186			

Lumber
Value Set: NDS 2015
Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3

Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.

Additional Notes
Provide for complete drainage of roof.
Truss must be installed as shown with top chord up.



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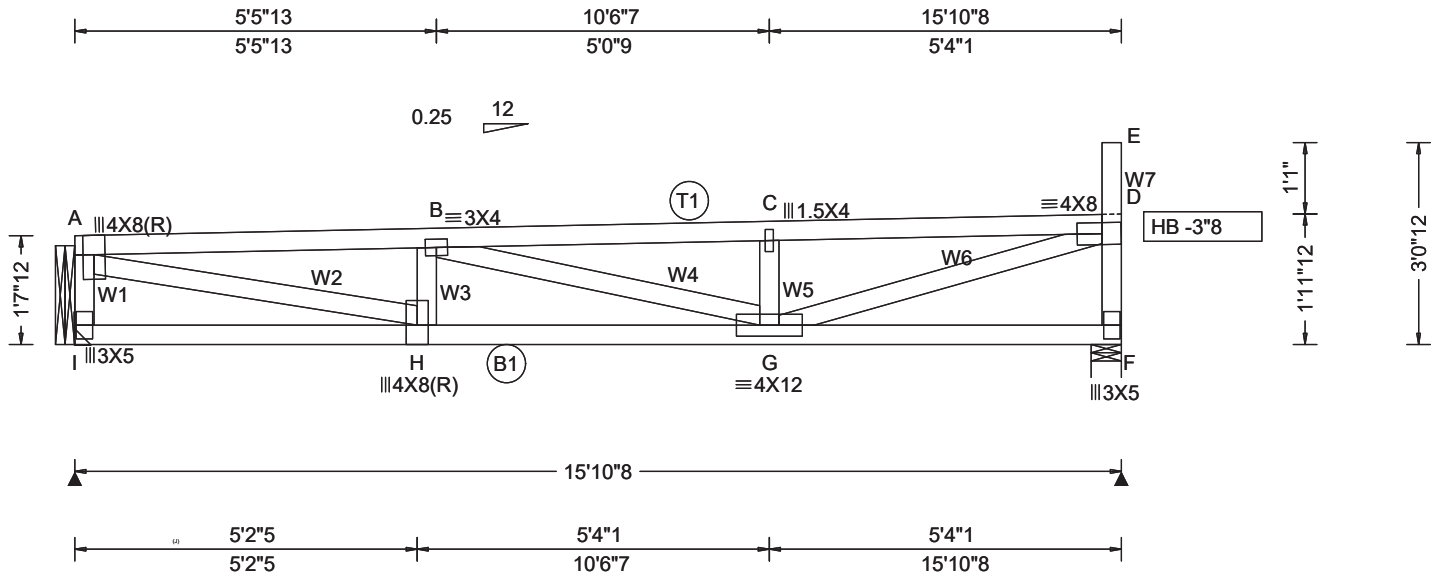
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R69	Ply: 1 Qty: 6 Wgt: 82.6 lbs	SEQN: 81569 / T84 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.83 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.116	B	999	360
VERT(TL): 0.214	B	890	240
HORZ(LL): 0.018	A	-	-
HORZ(TL): 0.033	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.715
Max BC CSI: 0.607
Max Web CSI: 0.839
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
I	873	/-	/-	/408	/109	/50
F	847	/-	/-	/397	/107	/-

Wind reactions based on MWFRS
I Brg Wid = - Min Req = -
F Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearing F is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	824	-2180	C - D	840	-2099
B - C	831	-2103			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - H	47	-147	G - F	76	-62
H - G	2265	-904			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - I	342	-819	C - G	246	-431
A - H	2202	-829	G - D	2105	-837
H - B	265	-464	D - F	340	-798
B - G	132	-173	E - D	6	-3

Lumber

Value Set: NDS 2015

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

Wind

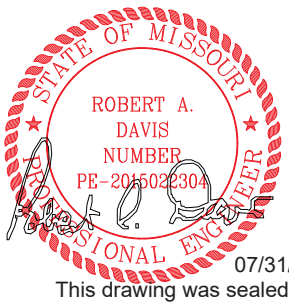
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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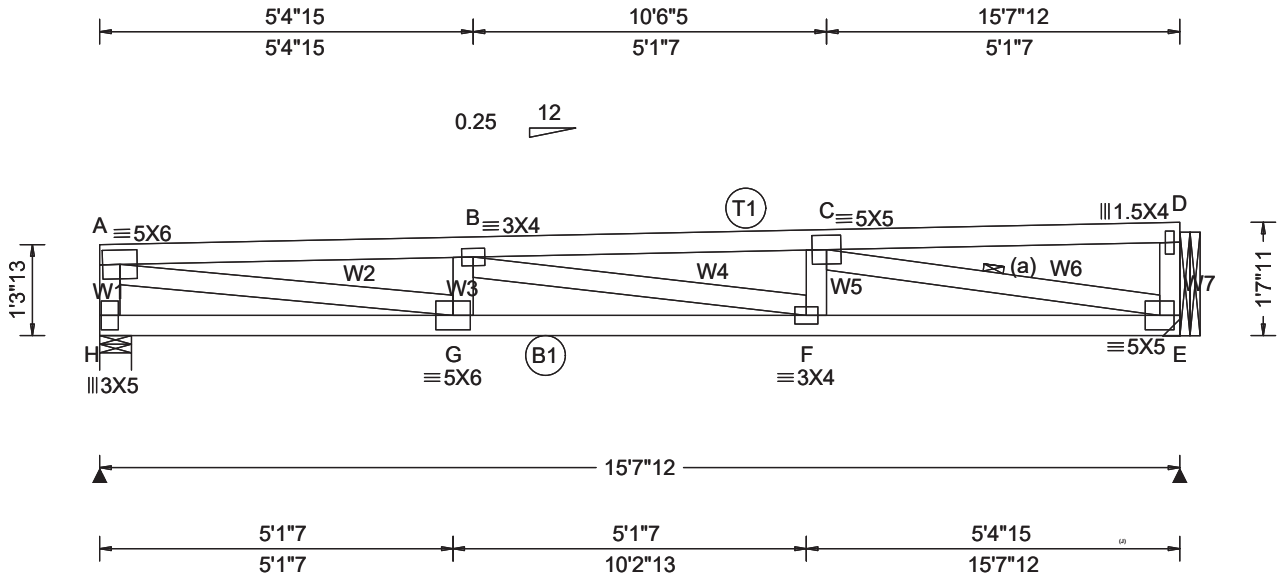
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R70	Ply: 1 Qty: 3 Wgt: 72.8 lbs	SEQN: 81568 / T85 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.50 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.172	B	999	360
VERT(TL): 0.316	B	593	240
HORZ(LL): 0.025	E	-	-
HORZ(TL): 0.046	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.783
Max BC CSI: 0.760
Max Web CSI: 0.605
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	861	/-	/-	/396	/103	/10
E	861	/-	/-	/396	/104	/-

Wind reactions based on MWFRS
H Brg Wid = 5.5 Min Req = 1.5
E Brg Wid = - Min Req = -
Bearing H is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	986	-2700	C - D	13	-47
B - C	932	-2560			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
H - G	65	-44	F - E	2516	-945
G - F	2806	-1063			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - H	328	-801	F - C	172	0
A - G	2682	-976	C - E	957	-2546
G - B	251	-451	D - E	108	-203
B - F	126	-258			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3 W2 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

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

End verticals not exposed to wind pressure.

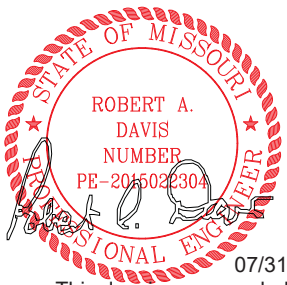
Deflection

Max JT VERT DEFL: LL: 0.17" DL: 0.14". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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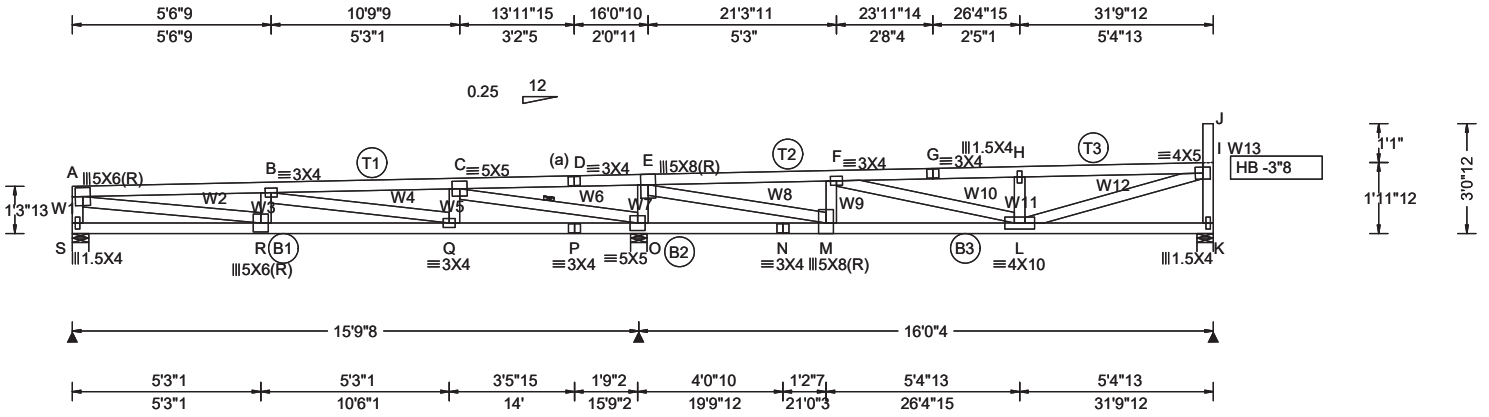
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R71	Ply: 1 Qty: 6 Wgt: 156.8 lbs	SEQN: 81570 / T52 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.67 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.18 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.128	B	999	360
VERT(TL): 0.257	B	736	240
HORZ(LL): 0.015	A	-	-
HORZ(TL): 0.030	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.991
Max BC CSI: 0.619
Max Web CSI: 0.990
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
S	715	/-	/-	/311	/81	/61
O	2134	/-	/-	/986	/260	/-
K	729	/-	/-	/313	/83	/-

Wind reactions based on MWFRS
S Brg Wid = 5.5 Min Req = 1.5
O Brg Wid = 5.5 Min Req = 2.1 (Truss)
K Brg Wid = 5.5 Min Req = 1.5
Bearings S, O, & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	429	- 2087	E - F	213	- 1266
B - C	208	- 1254	F - G	395	- 1728
C - D	1988	- 505	G - H	396	- 1723
D - E	1991	- 504	H - I	402	- 1723

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
S - R	64	- 152	O - N	406	- 1715
R - Q	2157	- 552	N - M	406	- 1715
Q - P	1181	- 279	M - L	1370	- 242
P - O	1181	- 279	L - K	69	- 47

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - S	167	- 658	E - M	2598	- 587
A - R	2056	- 419	M - F	206	- 621
R - B	135	- 305	F - L	628	- 144
B - Q	276	- 1108	H - L	183	- 476
Q - C	338	- 17	L - I	1720	- 390
C - O	676	- 2879	I - K	176	- 680
O - E	364	- 1304	J - I	6	- 3

Lumber

Value Set: NDS 2015

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

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

End verticals not exposed to wind pressure.

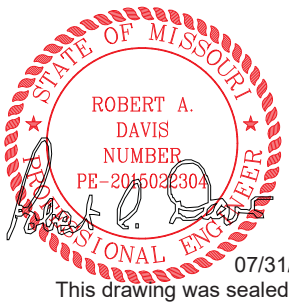
Deflection

Max JT VERT DEFL: LL: 0.13" DL: 0.16". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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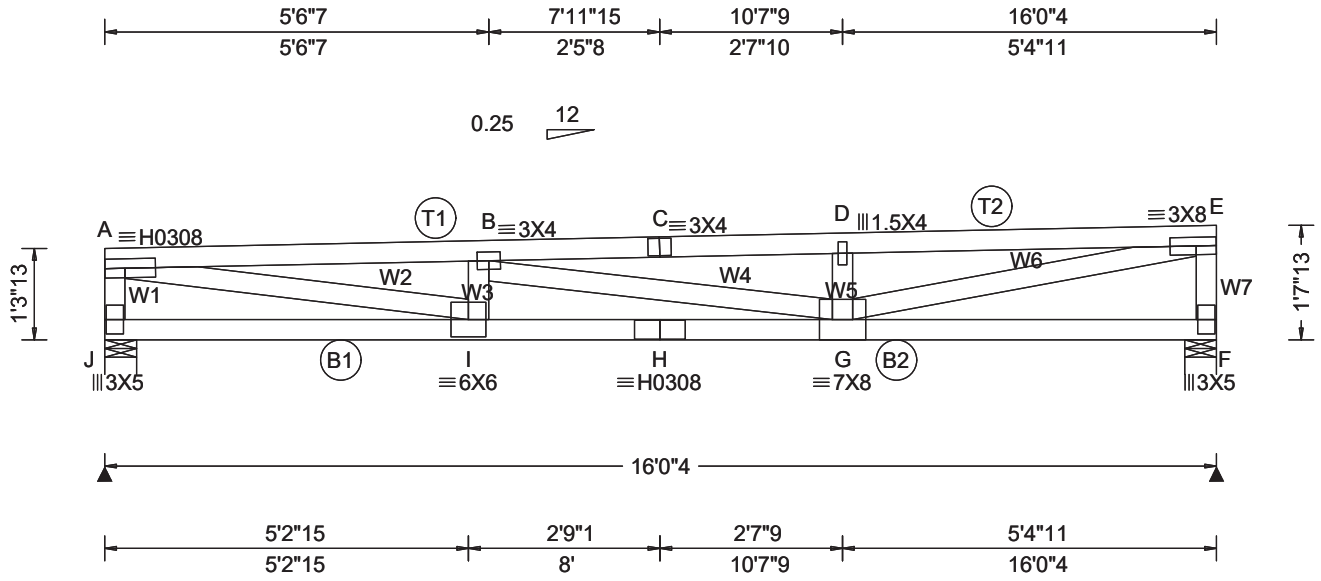
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R72	Ply: 1 Qty: 3 Wgt: 82.6 lbs	SEQN: 81571 / T75 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.50 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
HS, WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.190	B	999	360
VERT(TL): 0.348	B	552	240
HORZ(LL): 0.023	A	-	-
HORZ(TL): 0.042	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.853
Max BC CSI: 0.802
Max Web CSI: 0.632
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J	881	/-	/-	/406	/105	/10
F	881	/-	/-	/406	/107	/-

Wind reactions based on MWFRS
J Brg Wid = 5.5 Min Req = 1.5
F Brg Wid = 5.5 Min Req = 1.5
Bearings J & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1016	-2824	C - D	975	-2682
B - C	975	-2687	D - E	981	-2687

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	70	-46	H - G	2931	-1094
I - H	2931	-1094	G - F	47	-17

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - J	332	-821	D - G	269	-499
A - I	2801	-1005	G - E	2716	-996
I - B	254	-456	E - F	337	-824
B - G	113	-255			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3 W2,W6 2x4 SP #2;

Wind

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

End verticals not exposed to wind pressure.

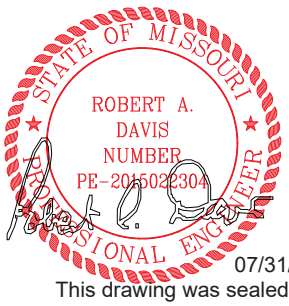
Deflection

Max JT VERT DEFL: LL: 0.19" DL: 0.16". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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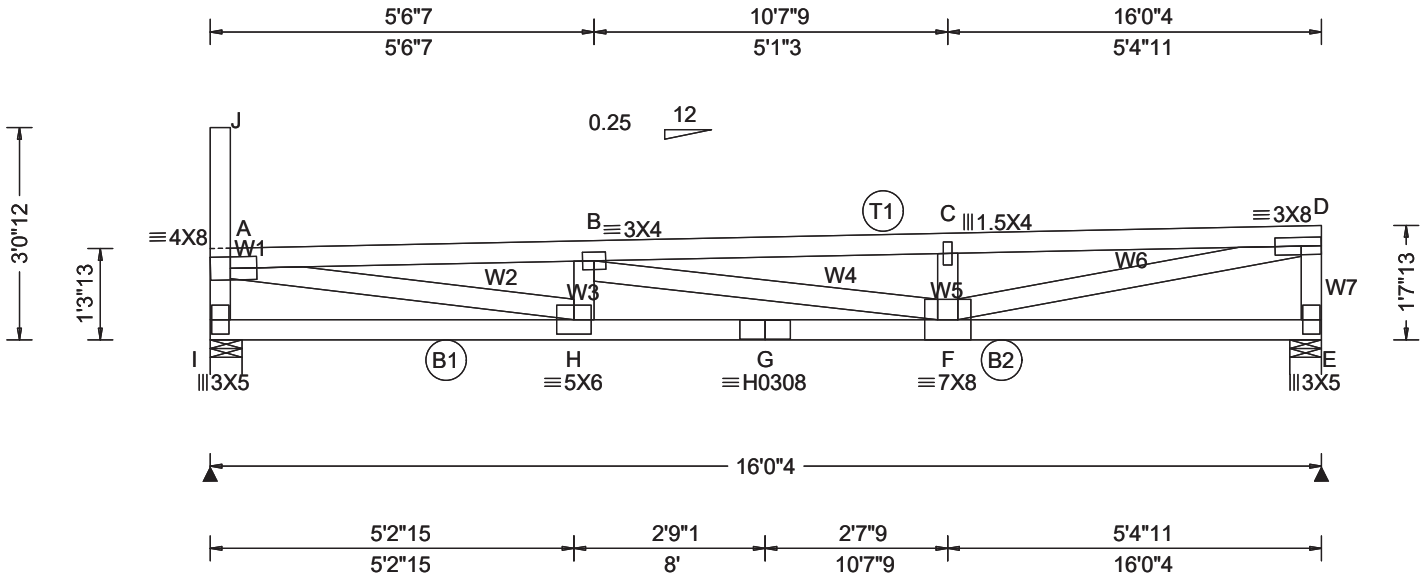
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R73	Ply: 1 Qty: 4 Wgt: 82.6 lbs	SEQN: 81572 / T48 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.51 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.188	B	999	360
VERT(TL): 0.345	B	557	240
HORZ(LL): 0.019	A	-	-
HORZ(TL): 0.034	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.767
Max BC CSI: 0.799
Max Web CSI: 0.681
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
I	855 /-	/-	/402	/107	/64
E	881 /-	/-	/414	/112	/-

Wind reactions based on MWFRS
I Brg Wid = 5.5 Min Req = 1.5
E Brg Wid = 5.5 Min Req = 1.5
Bearings I & E are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1145	-2845	C - D	1035	-2686
B - C	1029	-2686			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
I - H	341	-292	G - F	2925	-1209
H - G	2925	-1209	F - E	47	-18

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
I - A	332	-801	B - F	174	-250
A - H	2747	-1165	C - F	270	-500
J - A	9	-5	F - D	2715	-1052
H - B	256	-377	D - E	350	-824

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3 W2,W6 2x4 SP #2;

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	20.00	1.74	27.32	3.96

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

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

End verticals not exposed to wind pressure.

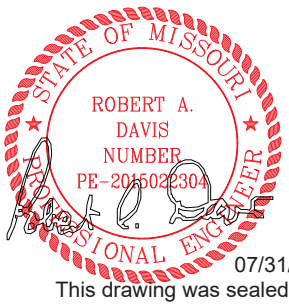
Deflection

Max JT VERT DEFL: LL: 0.18" DL: 0.15". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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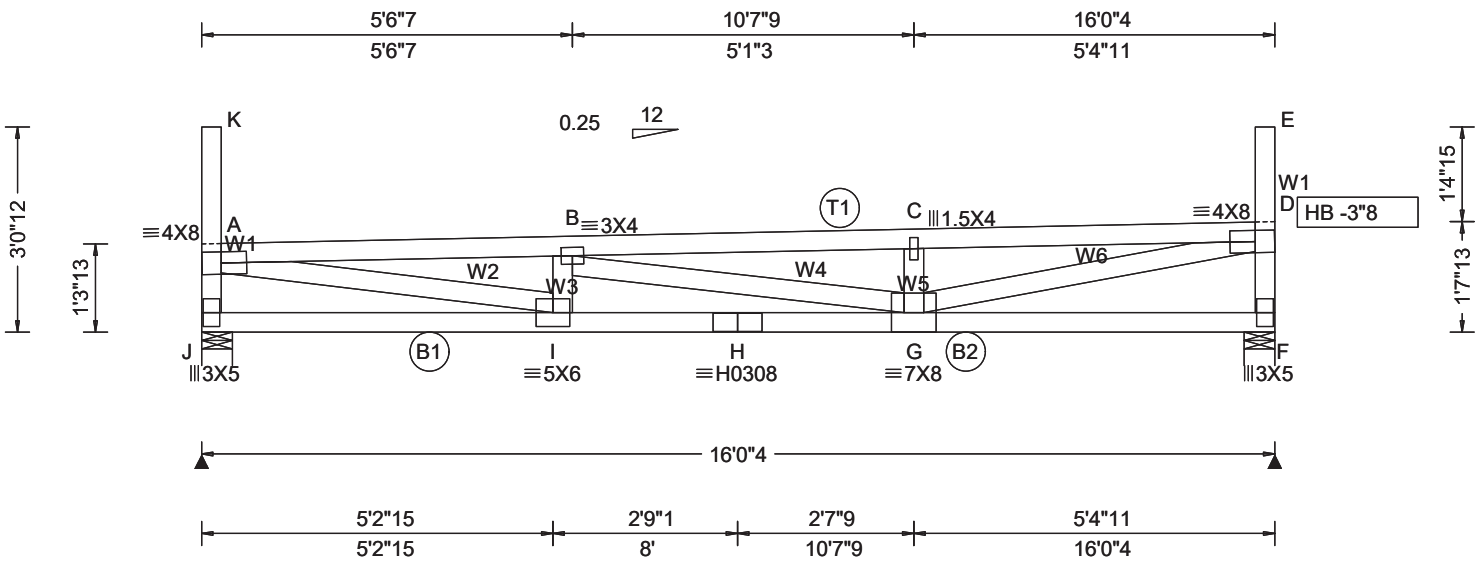
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** R74	Ply: 1 Qty: 1 Wgt: 84.0 lbs	SEQN: 81573 / T51 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.50 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.185 B	999	360
VERT(TL):	0.342 B	561	240
HORZ(LL):	0.018 A	-	-
HORZ(TL):	0.034 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.752
Max BC CSI: 0.798
Max Web CSI: 0.681
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J	855	/-	/-	/410	/112	/105
F	855	/-	/-	/410	/113	/-

Wind reactions based on MWFRS
J Brg Wid = 5.5 Min Req = 1.5
F Brg Wid = 5.5 Min Req = 1.5
Bearings J & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1052	-2844	C - D	981	-2678
B - C	972	-2683			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	422	-434	H - G	2924	-1257
I - H	2924	-1257	G - F	94	-99

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
J - A	343	-800	C - G	241	-420
A - I	2746	-1217	G - D	2648	-1116
K - A	9	-5	D - F	352	-802
I - B	265	-378	E - D	7	-4
B - G	250	-253			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3 W2,W6 2x4 SP #2;

Loading

Drifting snow load has been considered for only in plane loading as follows:

Location	Lu1	Lu2	Height	Pd	W
0.29	0.00	20.00	1.74	27.32	3.96
15.73	0.00	20.00	1.42	16.72	4.06

Where: Lu1 = leeward distance, Lu2 = windward distance
Pd = max applied load, W = length of applied load.

Wind

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

End verticals not exposed to wind pressure.

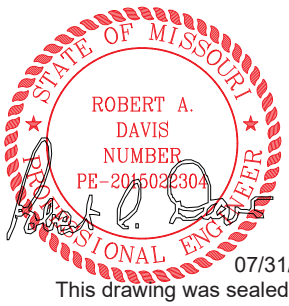
Deflection

Max JT VERT DEFL: LL: 0.18" DL: 0.15". See detail DEFLCAMB1014 for camber recommendations.
Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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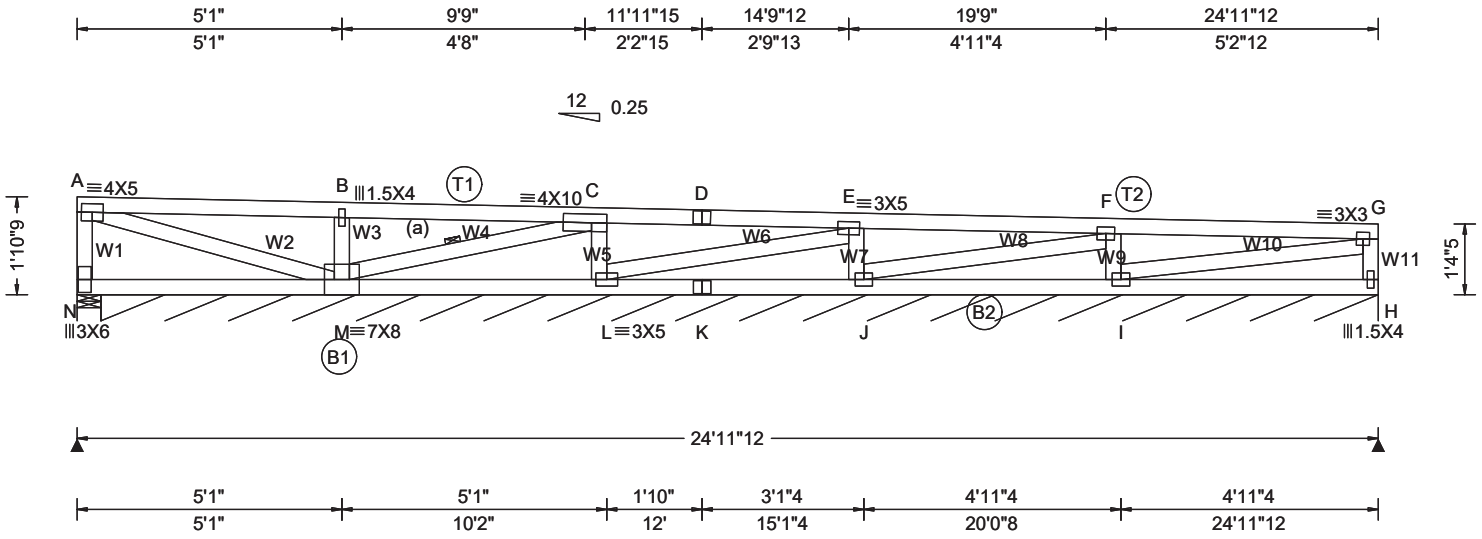
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** SW1	Ply: 1 Qty: 2 Wgt: 120.4 lbs	SEQN: 81579 / T117 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.64 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 28.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	A	999	360
VERT(TL): 0.001	F	999	240
HORZ(LL): 0.086	G	-	-
HORZ(TL): 0.097	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.478
Max BC CSI: 0.986
Max Web CSI: 0.979
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
N	227	/-	/-	/627	/464	/7494
H*	103	/-	/-	/66	/12	/-
L		/-290				

Wind reactions based on MWFRS
N Brg Wid = 5.5 Min Req = 1.5 (Truss)
H Brg Wid = 294 Min Req = -
Bearings N & N are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1866	- 1869	D - E	1098	- 1088
B - C	1093	- 1101	E - F	1635	- 1618
C - D	1734	- 1722	F - G	1051	- 1028

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	7478	- 7464	K - J	1523	- 1497
M - L	2989	- 2960	J - I	602	- 569
L - K	1523	- 1497	I - H	32	- 8

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - N	500	- 582	E - J	301	- 488
A - M	1926	- 1936	J - F	840	- 889
M - B	184	- 495	F - I	185	- 499
M - C	2749	- 2773	I - G	516	- 559
C - L	746	- 933	G - H	86	- 176
L - E	1322	- 1360			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #1 B2 2x4 SP #2;
Webs 2x4 SP #3

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 3X4 except as noted.

Loading

Truss transfers a maximum horizontal load of 7494 # (300.00 plf) along top chord, from either direction, to supports where indicated. Diaphragm and connections are to be designed by Engineer of Record.

Drag Loads:	Force(#)	(PLF)	Mbr	Start	End
Case 1:	7494	300.00	TC	0.00	24.98
	7494		BC	0.00	

Wind

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

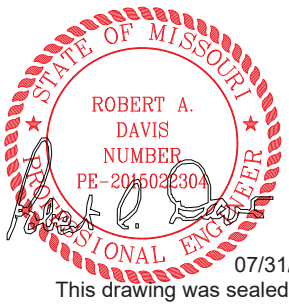
End verticals not exposed to wind pressure.

Additional Notes

Negative reaction(s) of -464# MAX. Requires uplift connection. See Maximum Reactions.

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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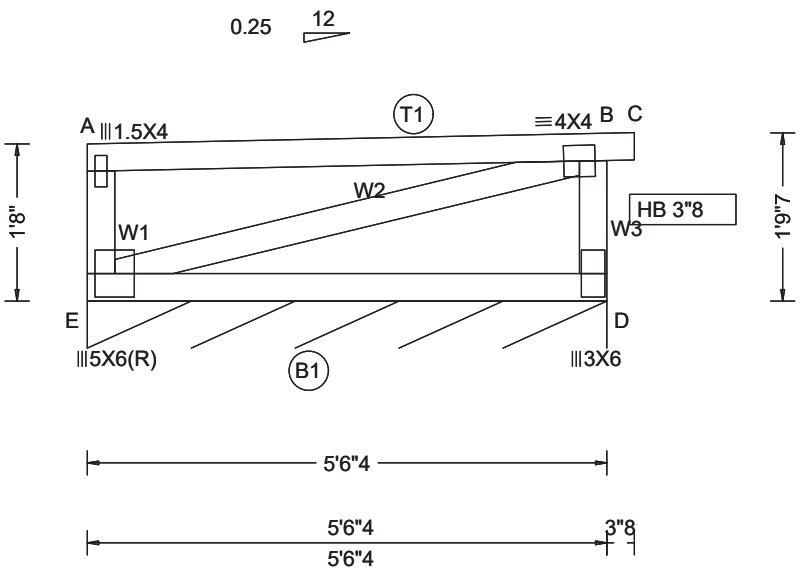
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** SW2	Ply: 1 Qty: 2 Wgt: 30.8 lbs	SEQN: 81580 / T128 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.75 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	B	999	360
VERT(TL): 0.001	B	999	240
HORZ(LL): 0.032	A	-	-
HORZ(TL): 0.034	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.705
Max BC CSI: 0.351
Max Web CSI: 0.992
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E*	115	/-	/-	/52	/14	/16
E		/-360				
D		/-318				

Wind reactions based on MWFRS
E Brg Wid = 66.3 Min Req = -
Bearing E is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1630	- 1661	B - C	87	- 88

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
E - D	1749	- 1718

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - E	138	- 249	B - D	371	- 493
E - B	1785	- 1783			

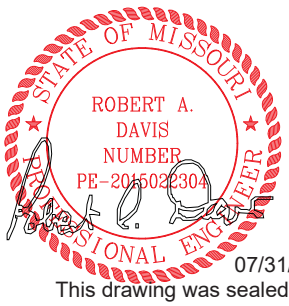
Lumber
Value Set: NDS 2015
Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3

Loading
Truss transfers a maximum horizontal load of 1744 # (300.00 plf) along top chord, from either direction, to supports where indicated. Diaphragm and connections are to be designed by Engineer of Record.

Drag Loads: Force(#) (PLF) Mbr Start End
Case 1: 1744 300.00 TC 0.00 5.81
1656 300.00 BC 0.00 5.52

Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.

Additional Notes
Truss must be installed as shown with top chord up.



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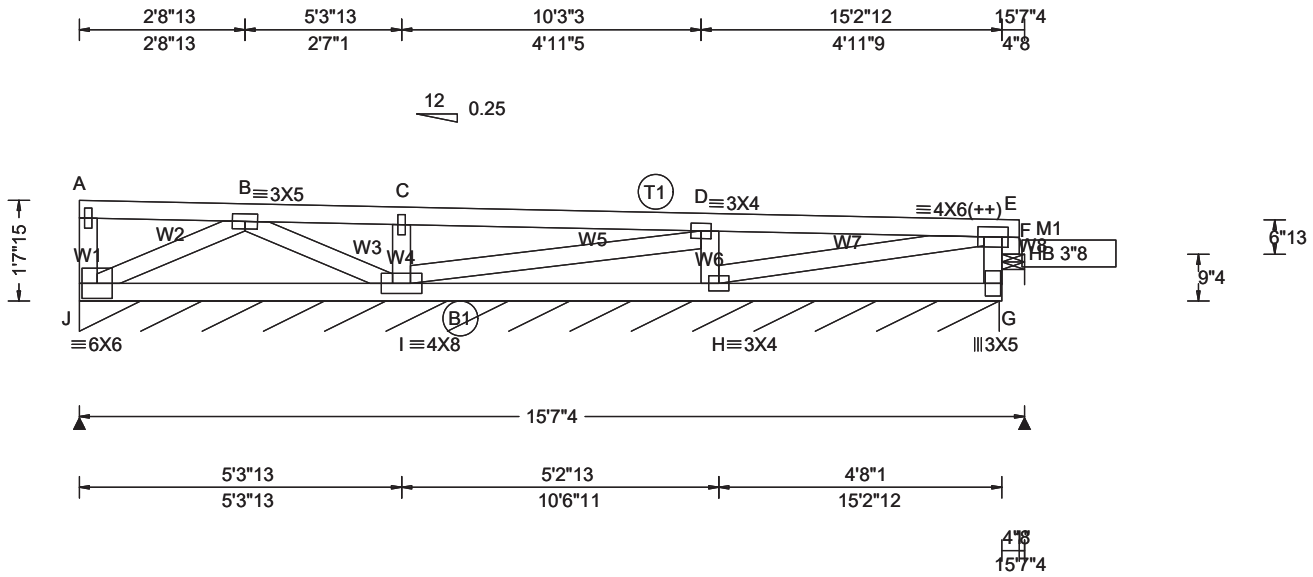
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** SW3	Ply: 1 Qty: 2 Wgt: 75.6 lbs	SEQN: 81581 / T124 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.52 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.017 B	999	360
VERT(TL):	0.020 B	999	240
HORZ(LL):	0.026 E	-	-
HORZ(TL):	0.029 E	-	-

Creep Factor: 2.0
Max TC CSI: 0.193
Max BC CSI: 0.255
Max Web CSI: 0.515
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J*	133	/-	/-	/59	/19	/307
F	-	/-323	/-	/114	/255	/-
J		/-618				
I		/-323				

Wind reactions based on MWFRS
J Brg Wid = 182 Min Req = -
F Brg Wid = 4.5 Min Req = 1.5 (Support)
Bearings J & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	809	-819	C - D	1374	-1369
B - C	2150	-2144	D - E	925	-905

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	3190	-3091	H - G	61	-23
I - H	738	-703			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - J	47	-110	D - H	207	-482
J - B	1624	-1725	H - E	626	-677
B - I	1571	-1688	F - G	227	-524
I - C	153	-357	E - F	442	-740
I - D	974	-1014			

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 1.5X4 except as noted.

(++) - This plate works for both joints covered.

Loading

Truss transfers a maximum horizontal load of 4656 # (300.00 plf) along top chord, from either direction, to supports where indicated. Diaphragm and connections are to be designed by Engineer of Record.

Drag Loads:	Force(#)	(PLF)	Mbr	Start	End
Case 1:	4656	300.00	TC	0.00	15.52
	4656		BC	0.00	

Wind

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

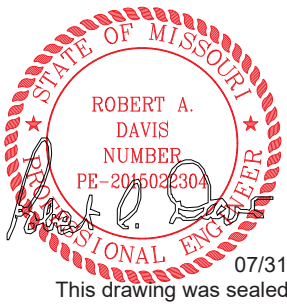
End verticals not exposed to wind pressure.

Additional Notes

Negative reaction(s) of -323# MAX. Requires uplift connection. See Maximum Reactions.

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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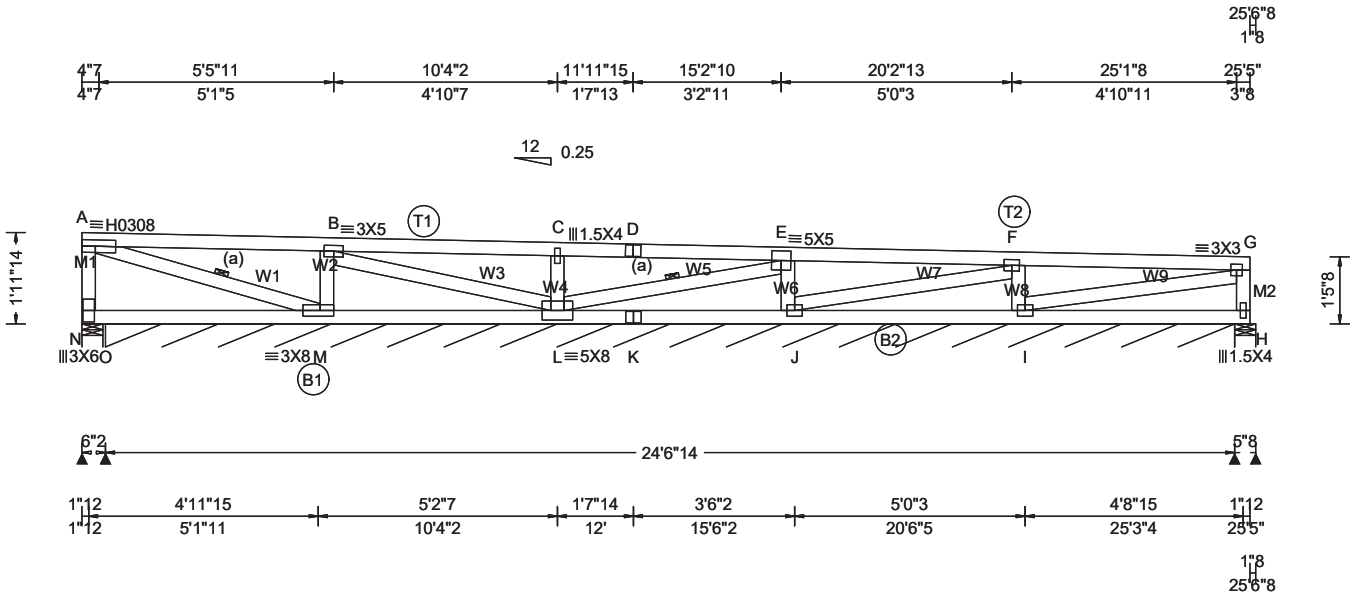
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** SW4	Ply: 1 Qty: 1 Wgt: 123.2 lbs	SEQN: 81582 / T148 / GABL FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.75 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
HS, WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.006	B	999	360
VERT(TL): 0.007	B	999	240
HORZ(LL): 0.089	G	-	-
HORZ(TL): 0.101	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.515
Max BC CSI: 0.533
Max Web CSI: 0.748
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
N	233	/-	/-	/826	/659	/7625
O*	96	/-	/-	/65	/11	/-
H	213	/-	/-	/235	/80	/-
M		/-188				
J		/-144				

Wind reactions based on MWFRS
N Brg Wid = 5.5 Min Req = 1.5 (Truss)
O Brg Wid = 294 Min Req = -
H Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings N, O, & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	2425	-2414	D - E	855	-864
B - C	2061	-2065	E - F	1313	-1302
C - D	599	-604	F - G	957	-937

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	7613	-7599	K - J	1896	-1867
M - L	5154	-5121	J - I	694	-663
L - K	1896	-1867	I - H	29	-7

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - M	2513	-2538	E - J	539	-731
M - B	259	-514	J - F	1091	-1133
B - L	1267	-1295	F - I	210	-501
L - C	154	-417	I - G	602	-640
L - E	2105	-2129			

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
A - N	696	-781	G - H	119	-195

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP 2400f-2.0E B2 2x4 SP #2;
Webs 2x4 SP #3

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 3X4 except as noted.

Loading

Truss transfers a maximum horizontal load of 7625 # (300.00 plf) along top chord, from either direction, to supports where indicated. Diaphragm and connections are to be designed by Engineer of Record.

Drag Loads:	Force(#)	(PLF)	Mbr	Start	End
Case 1:	7625	300.00	TC	0.00	25.42
	7625		BC	0.00	

Wind

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

End verticals not exposed to wind pressure.

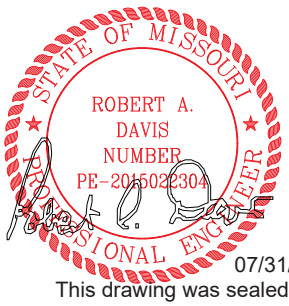
Additional Notes

Negative reaction(s) of -659# MAX. Requires uplift connection. See Maximum Reactions.

See DWG GBLLETIN1014 for gable wind bracing requirements.

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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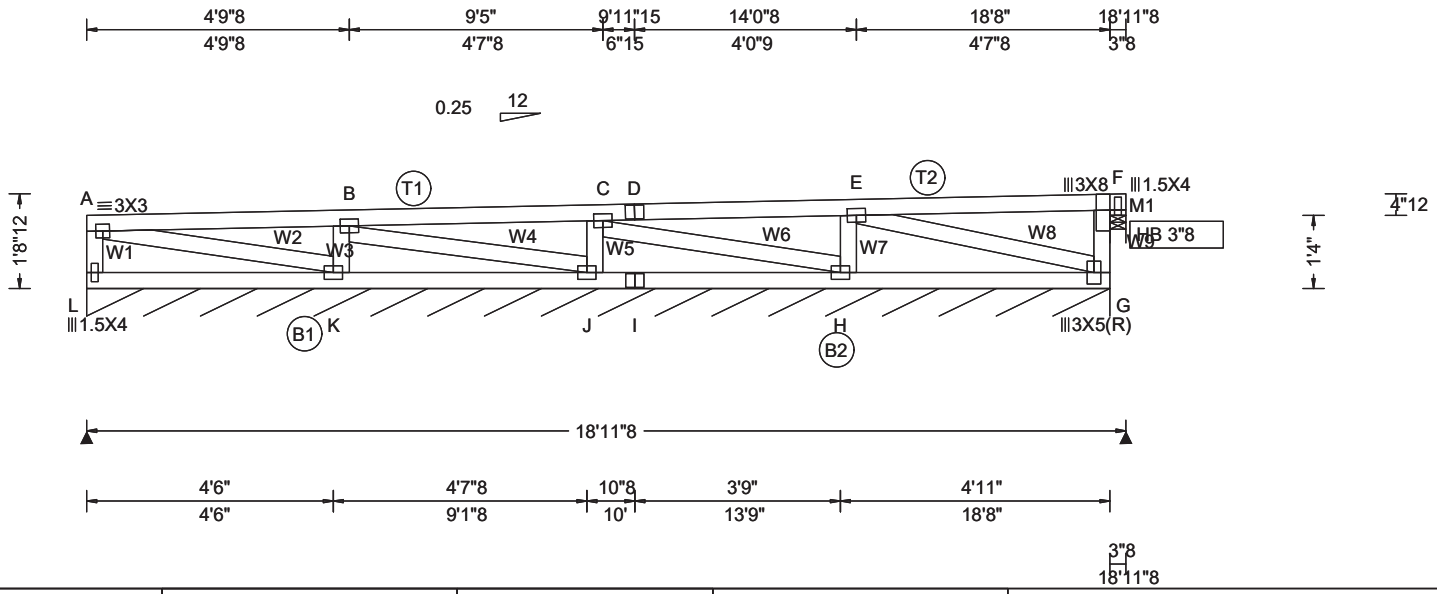
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** SW5	Ply: 1 Qty: 1 Wgt: 95.2 lbs	SEQN: 81583 / T102 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.55 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.001 F	999	360
VERT(TL):	0.002 F	999	240
HORZ(LL):	0.000 E	-	-
HORZ(TL):	0.001 E	-	-

Creep Factor: 2.0
Max TC CSI: 0.404
Max BC CSI: 0.110
Max Web CSI: 0.085
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
L*	133	/-	/-	/59	/19	/1
F	-	/-405	/-	/96	/138	/-

Wind reactions based on MWFRS
L Brg Wid = 224 Min Req = -
F Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings L & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	55	-22	D - E	32	-16
B - C	39	-18	E - F	4	-27
C - D	24	-16			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	25	-7	I - H	51	-29
K - J	64	-22	H - G	66	-29
J - I	51	-10			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - L	64	-159	C - H	38	-82
A - K	32	-77	H - E	178	-443
K - B	186	-464	E - G	25	-46
B - J	47	-102	F - G	251	-620
J - C	153	-382			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3
Rt Bearing Leg: 2x4 SP #3;

Plating Notes

All plates are 3X4 except as noted.

Wind

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

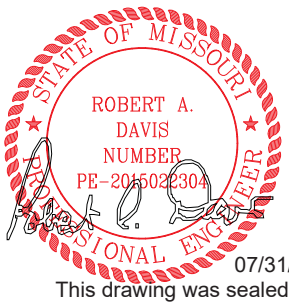
End verticals not exposed to wind pressure.

Additional Notes

Negative reaction(s) of -405# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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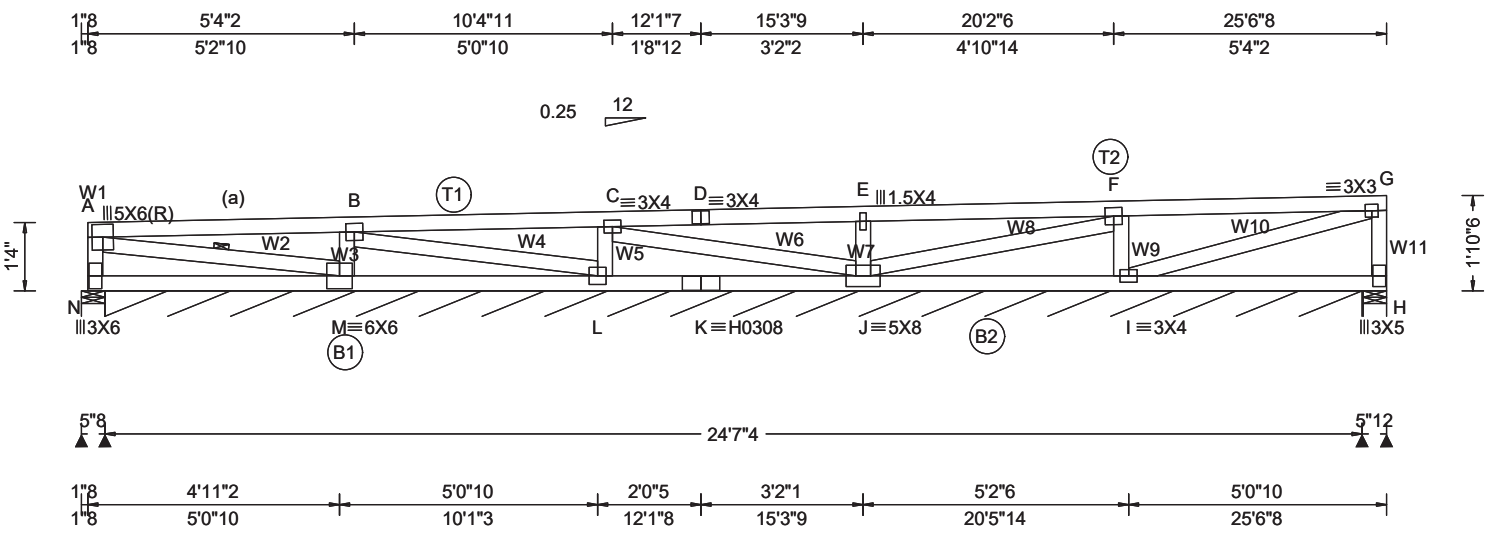
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** SW6	Ply: 1 Qty: 2 Wgt: 120.4 lbs	SEQN: 81584 / T126 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.62 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.008	B	999	360
VERT(TL): 0.010	B	999	240
HORZ(LL): 0.098	E	-	-
HORZ(TL): 0.111	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.596
Max BC CSI: 0.623
Max Web CSI: 0.846
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
N	216	/-	/-	/698	/542	/7625
N*	96	/-	/-	/44	/12	/-
H	224	/-	/-	/309	/147	/-

Wind reactions based on MWFRS
N Brg Wid = 5.5 Min Req = 1.5 (Truss)
N Brg Wid = 295 Min Req = -
H Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings N, N, & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	2668	- 2651	D - E	1570	- 1580
B - C	2826	- 2818	E - F	846	- 852
C - D	2089	- 2100	F - G	826	- 816

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	7586	- 7566	K - J	3209	- 3175
M - L	4879	- 4842	J - I	887	- 854
L - K	3209	- 3175	I - H	24	- 6

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - N	575	- 652	E - J	156	- 422
A - M	2649	- 2687	J - F	1638	- 1663
M - B	322	- 547	F - I	331	- 558
B - L	1644	- 1691	I - G	802	- 832
L - C	160	- 435	G - H	187	- 267
C - J	751	- 776			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP 2400f-2.0E B2 2x4 SP #2;
Webs 2x4 SP #3

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 4X4 except as noted.

Loading

Truss transfers a maximum horizontal load of 7625 # (300.00 plf) along top chord, from either direction, to supports where indicated. Diaphragm and connections are to be designed by Engineer of Record.

Drag Loads:	Force(#)	(PLF)	Mbr	Start	End
Case 1:	7625	300.00	TC	0.12	25.54
	7625		BC	0.12	

Wind

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

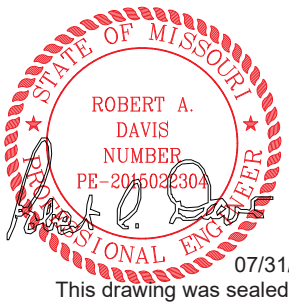
End verticals not exposed to wind pressure.

Additional Notes

Negative reaction(s) of -542# MAX. Requires uplift connection. See Maximum Reactions.

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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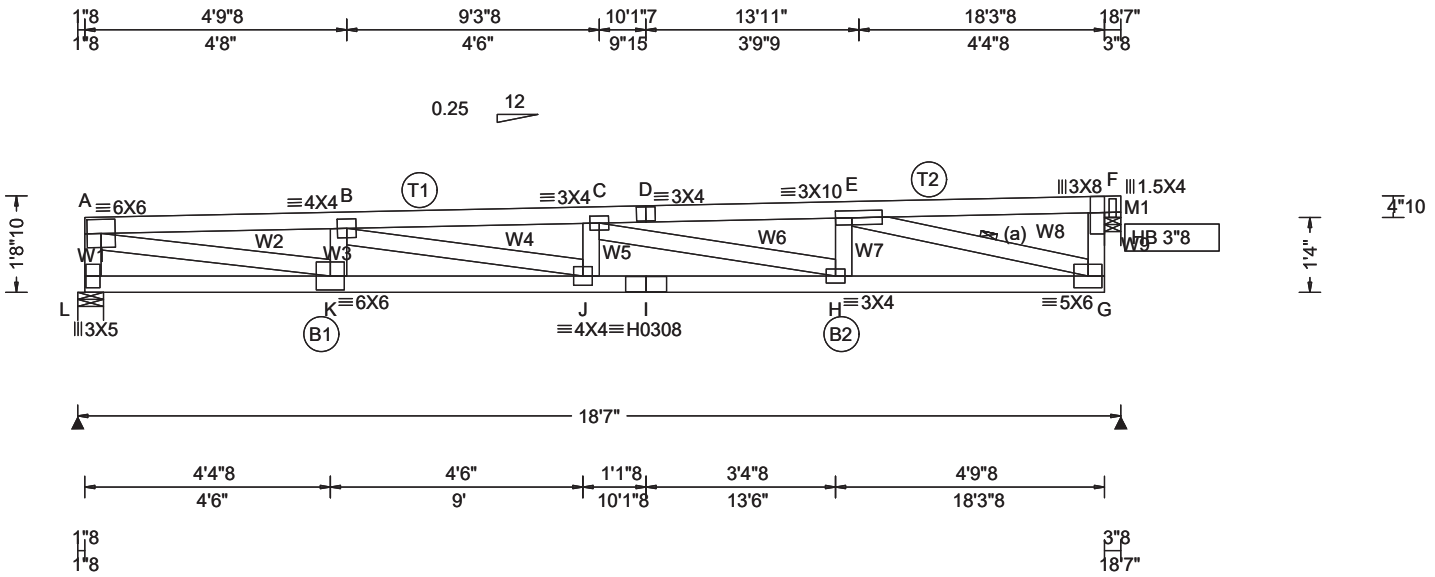
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** SW7	Ply: 1 Qty: 2 Wgt: 95.2 lbs	SEQN: 81585 / T125 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.55 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.268	C	821	360
VERT(TL): 0.489	C	449	240
HORZ(LL): 0.096	G	-	-
HORZ(TL): 0.109	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.654
Max BC CSI: 0.934
Max Web CSI: 0.682
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
L	1007	/-	/-	/797	/121	/5537
F	1017	/-	/-	/682	/127	/-

Wind reactions based on MWFRS
L Brg Wid = 5.5 Min Req = 1.5 (Truss)
F Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings L & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	771	- 2989	D - E	731	- 2837
B - C	972	- 3755	E - F	1448	- 1443
C - D	730	- 2838			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	5521	- 5488	I - H	3767	- 999
K - J	4889	- 2620	H - G	2754	- 730
J - I	3767	- 999			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - L	271	- 951	C - H	849	- 1530
A - K	3020	- 776	H - E	542	- 142
K - B	234	- 647	E - G	767	- 2887
B - J	1635	- 1147	F - G	869	- 205
J - C	397	- 351			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #1 B2 2x4 SP #2;
Webs 2x4 SP #3 W2 2x4 SP #2;
Rt Bearing Leg: 2x4 SP #3;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

Truss transfers a maximum horizontal load of 5537 # (300.00 plf) along top chord, from either direction, to supports where indicated. Diaphragm and connections are to be designed by Engineer of Record.

Drag Loads:	Force(#)	(PLF)	Mbr	Start	End
Case 1:	5537	300.00	TC	0.12	18.58
	5537		BC	0.12	

Wind

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

End verticals not exposed to wind pressure.

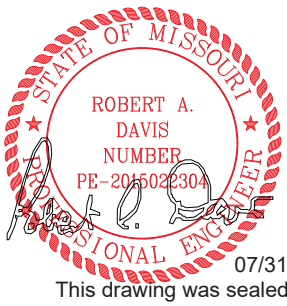
Deflection

Max JT VERT DEFL: LL: 0.27" DL: 0.22". See detail DEFLCAMB1014 for camber recommendations. Provide for adequate drainage of roof.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



07/31/24
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Robert A Davis PE,

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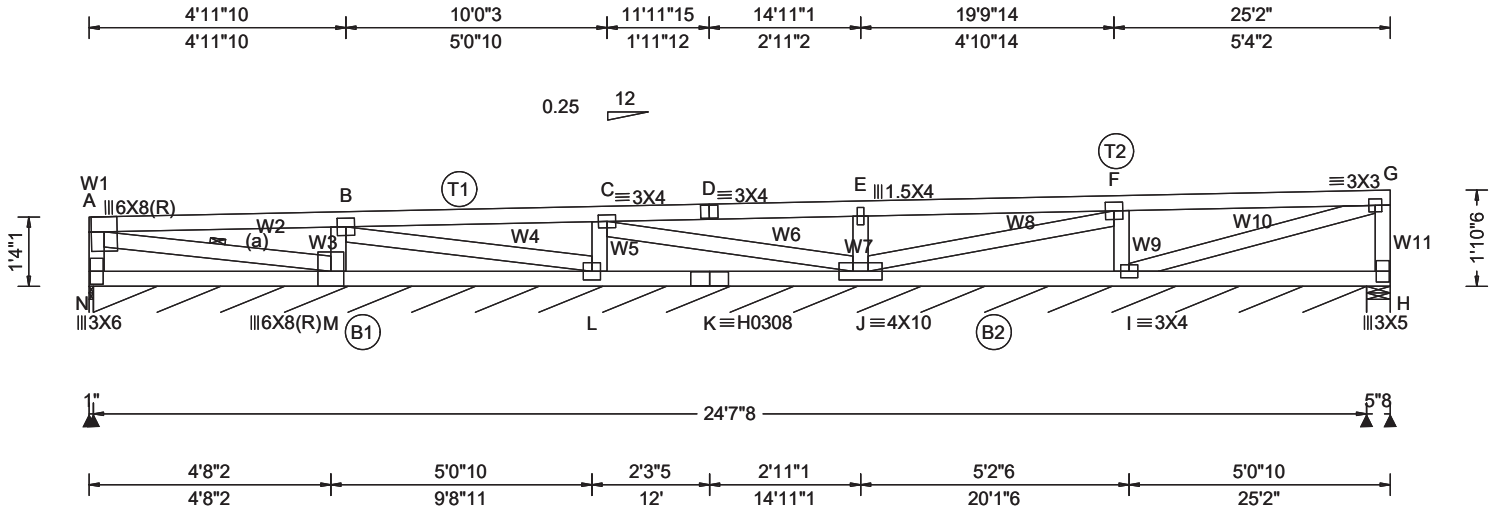
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** SW8	Ply: 1 Qty: 2 Wgt: 120.4 lbs	SEQN: 81586 / T123 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.62 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Load Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.009	B	999	360
VERT(TL): 0.010	B	999	240
HORZ(LL): 0.109	E	-	-
HORZ(TL): 0.123	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.618
Max BC CSI: 0.987
Max Web CSI: 0.868
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
N	201	/-	/-	/790	/645	/7550
N*	95	/-	/-	/48	/12	/-
H	224	/-	/-	/306	/144	/-
J		/-110				

Wind reactions based on MWFRS
N Brg Wid = 1.0 Min Req = 1.5 (Truss)
N Brg Wid = 295 Min Req = -
H Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings N, N, & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	2930	-2910	D - E	1539	-1548
B - C	2982	-2972	E - F	803	-809
C - D	2132	-2143	F - G	836	-826

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	7505	-7487	K - J	3060	-3027
M - L	4553	-4520	J - I	875	-842
L - K	3060	-3027	I - H	24	-6

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - N	674	-746	E - J	156	-421
A - M	2917	-2956	J - F	1605	-1631
M - B	279	-497	F - I	322	-549
B - L	1471	-1516	I - G	792	-821
L - C	163	-441	G - H	184	-264
C - J	643	-668			

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #1 B2 2x4 SP #2;
Webs 2x4 SP #3

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 4X4 except as noted.

Loading

Truss transfers a maximum horizontal load of 7550 # (300.00 plf) along top chord, from either direction, to supports where indicated. Diaphragm and connections are to be designed by Engineer of Record.

Drag Loads:	Force(#)	(PLF)	Mbr	Start	End
Case 1:	7550	300.00	TC	0.00	25.17
	7550		BC	0.00	

Wind

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

End verticals not exposed to wind pressure.

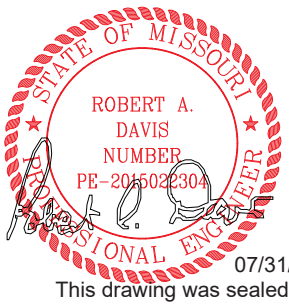
Additional Notes

Negative reaction(s) of -645# MAX. Requires uplift connection. See Maximum Reactions.

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.

++ Anchorage req'd to prevent truss from slipping off bearing.



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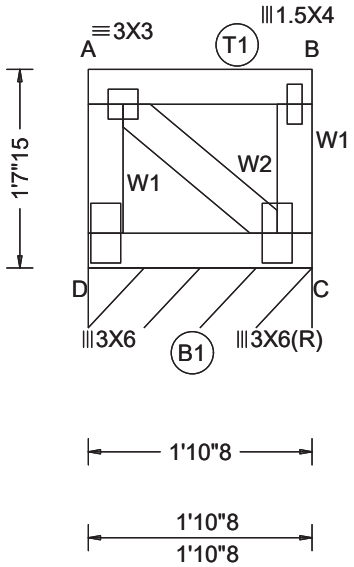
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** SW9	Ply: 1 Qty: 13 Wgt: 14.0 lbs	SEQN: 81587 / T135 / FLAT FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.68 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	A	999	360
VERT(TL): 0.001	A	999	240
HORZ(LL): -0.005	B	-	-
HORZ(TL): 0.005	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.075
Max BC CSI: 0.019
Max Web CSI: 0.206
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs), or *=PLF

	Gravity		Non-Gravity		
Loc R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C* 110	/-	/-	/51	/13	/-
D	/-373				
C	/-373				

Wind reactions based on MWFRS
C Brg Wid = 22.5 Min Req = -
Bearing D is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - B	560	-561

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
D - C	561	-560

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - D	391	-429	B - C	68	-84
A - C	692	-692			

Lumber

Value Set: NDS 2015

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

Loading

Truss transfers a maximum horizontal load of 562 # (300.00 plf) along top chord, from either direction, to supports where indicated. Diaphragm and connections are to be designed by Engineer of Record.

Drag Loads:

	Force(#)	(PLF)	Mbr	Start	End
Case 1:	562	300.00	TC	0.00	1.88
	562	300.00	BC	0.00	1.88

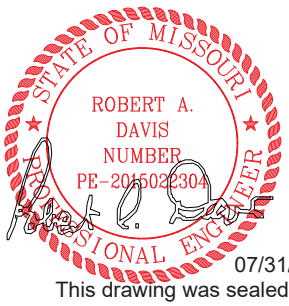
Wind

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

End verticals not exposed to wind pressure.

Additional Notes

Truss must be installed as shown with top chord up.



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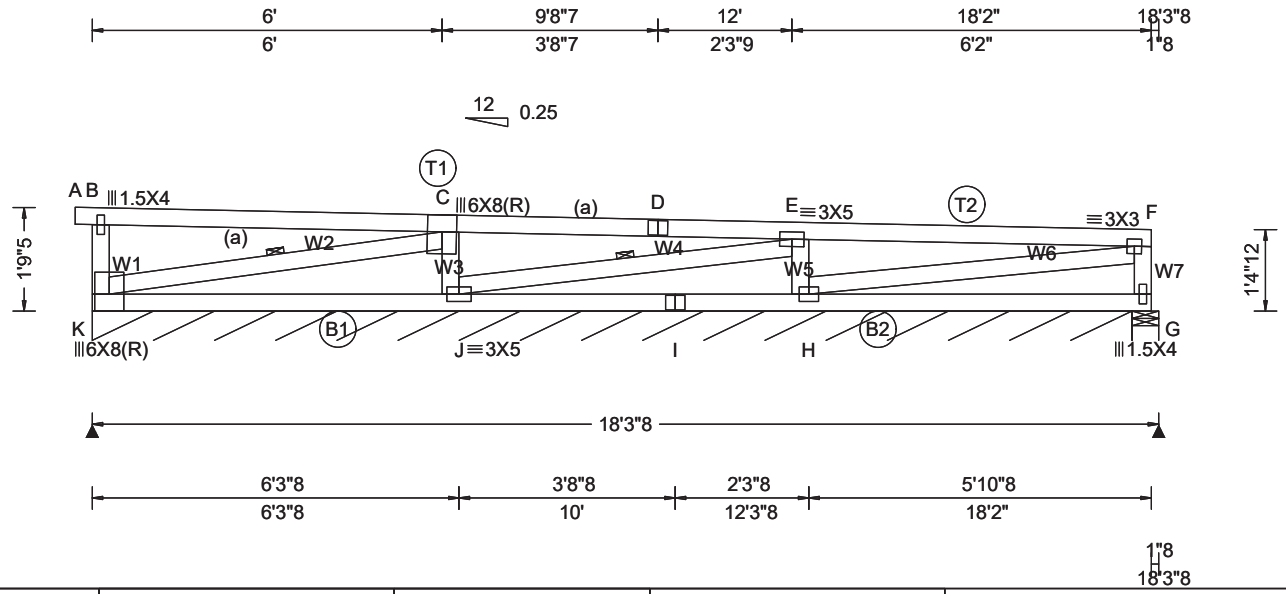
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** SW10	Ply: 1 Qty: 2 Wgt: 89.6 lbs	SEQN: 81588 / T127 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.61 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.001 E	999	360
VERT(TL):	0.002 E	999	240
HORZ(LL):	0.040 B	-	-
HORZ(TL):	0.045 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.672
Max BC CSI: 0.597
Max Web CSI: 0.942
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
K*	99	/-	/-	/46	/12	/311
G	261	/-	/-	/256	/64	/-
K		/-594				
J		/-206				

Wind reactions based on MWFRS
K Brg Wid = 214 Min Req = -
G Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings K & G are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	87	-88	D - E	416	-409
B - C	1857	-1889	E - F	1095	-1073
C - D	1394	-1382			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
K - J	2448	-2403	I - H	864	-824
J - I	864	-824	H - G	51	-18

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - K	127	-253	E - H	295	-587
K - C	3167	-3183	H - F	745	-801
C - J	659	-920	F - G	113	-211
J - E	1425	-1476			

Lumber

Value Set: NDS 2015

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 3X4 except as noted.

Loading

Truss transfers a maximum horizontal load of 5538 # (300.00 plf) along top chord, from either direction, to supports where indicated. Diaphragm and connections are to be designed by Engineer of Record.

Drag Loads:	Force(#)	(PLF)	Mbr	Start	End
Case 1:	5538	300.00	TC	0.00	18.46
	5538		BC	0.29	

Wind

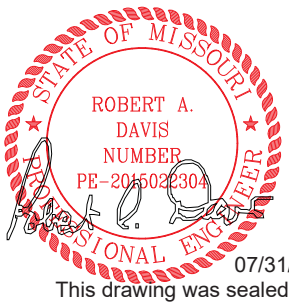
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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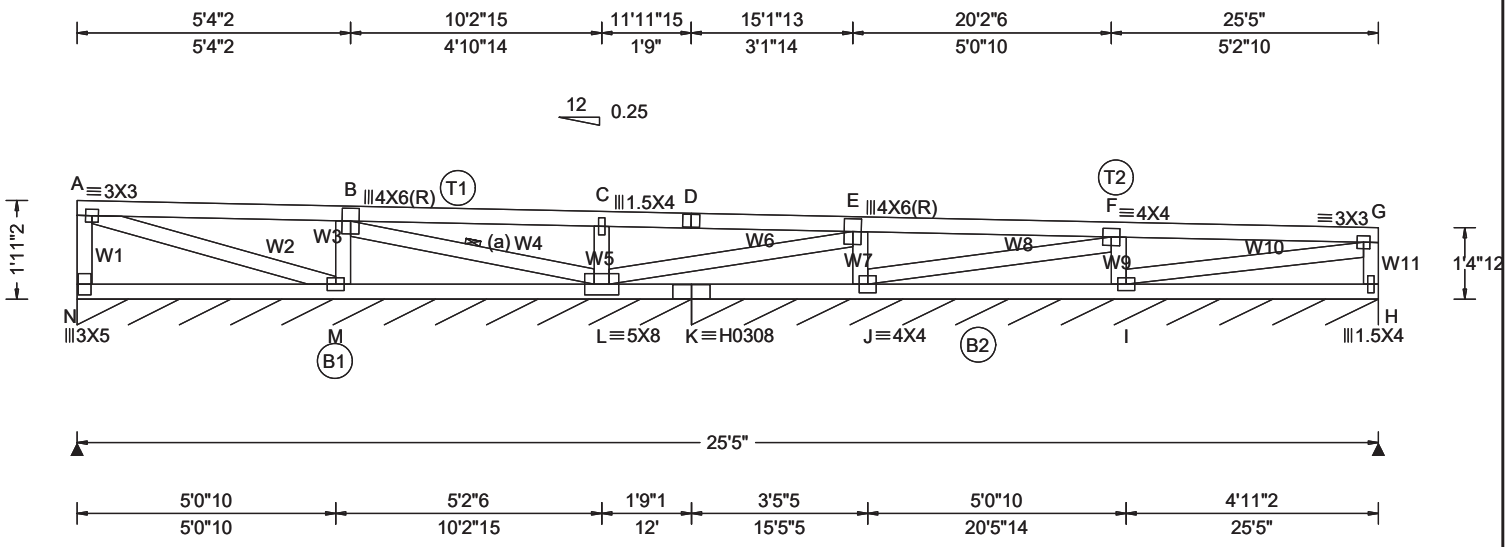
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** SW11	Ply: 1 Qty: 2 Wgt: 121.8 lbs	SEQN: 81589 / T130 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria

Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.68 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 28.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)

Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria

Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.002	E	999	360
VERT(TL): 0.003	E	999	240
HORZ(LL): -0.029	C	-	-
HORZ(TL): 0.033	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.479
Max BC CSI: 0.334
Max Web CSI: 0.980
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
N*	119	/-	/-	/80	/14	/635
K*	102	/-	/-	/81	/13	/-
N		/-229				
H		/-134				

Wind reactions based on MWFRS
N Brg Wid = 144 Min Req = -
K Brg Wid = 161 Min Req = -
Bearings N & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1032	- 1019	D - E	1475	- 1486
B - C	1459	- 1466	E - F	1014	- 1009
C - D	529	- 537	F - G	874	- 859

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	17	- 4	K - J	2711	- 2677
M - L	1149	- 1117	J - I	990	- 954
L - K	4948	- 4914	I - H	29	- 8

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - N	269	- 351	E - J	461	- 652
A - M	1062	- 1086	J - F	1633	- 1677
M - B	455	- 681	F - I	343	- 568
B - L	2012	- 2036	I - G	865	- 900
L - C	158	- 428	G - H	173	- 251
L - E	1919	- 1944			

Lumber

Value Set: NDS 2015

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 3X4 except as noted.

Loading

Truss transfers a maximum horizontal load of 7625 # (300.00 plf) along top chord, from either direction, to supports where indicated. Diaphragm and connections are to be designed by Engineer of Record.

Drag Loads:	Force(#)	(PLF)	Mbr	Start	End
Case 1:	7625	300.00	TC	0.00	25.42
	7625		BC	12.00	

Wind

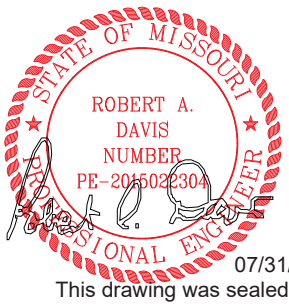
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



07/31/24
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Robert A Davis PE,

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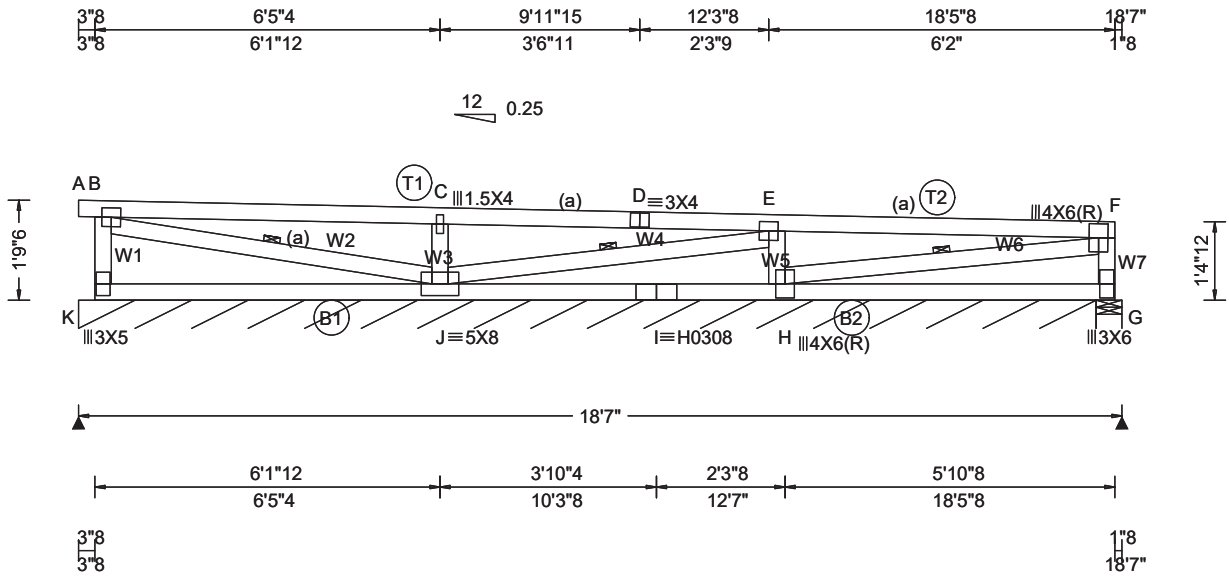
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** SW12	Ply: 1 Qty: 2 Wgt: 89.6 lbs	SEQN: 81590 / T143 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.61 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 57.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): -0.016	A	0	360
VERT(TL): -0.030	A	999	240
HORZ(LL): -0.044	C	-	-
HORZ(TL): 0.050	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.663
Max BC CSI: 0.754
Max Web CSI: 0.583
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
K*	97	/-	/-	/51	/12	/306
G	265	/-	/-	/508	/314	/-
K		/-275				

Wind reactions based on MWFRS
K Brg Wid = 217 Min Req = -
G Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings K & G are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	87	-88	D - E	1941	-1958
B - C	1647	-1658	E - F	1969	-1958
C - D	1252	-1267			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
K - J	39	-10	I - H	2081	-2035
J - I	3503	-3457	H - G	52	-14

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - K	327	-439	E - H	285	-587
B - J	1775	-1790	H - F	1959	-2010
J - C	238	-582	F - G	362	-456
J - E	1762	-1795			

Lumber

Value Set: NDS 2015

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 4X4 except as noted.

Loading

Truss transfers a maximum horizontal load of 5538 # (300.00 plf) along top chord, from either direction, to supports where indicated. Diaphragm and connections are to be designed by Engineer of Record.

Drag Loads:	Force(#)	(PLF)	Mbr	Start	End
Case 1:	5538	300.00	TC	0.00	18.46
	5538		BC	10.29	

Wind

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

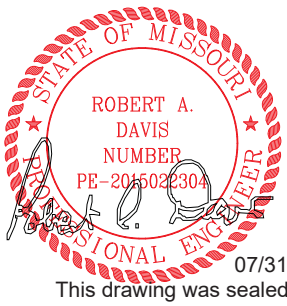
End verticals not exposed to wind pressure.

Additional Notes

Negative reaction(s) of -314# MAX. Requires uplift connection. See Maximum Reactions.

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



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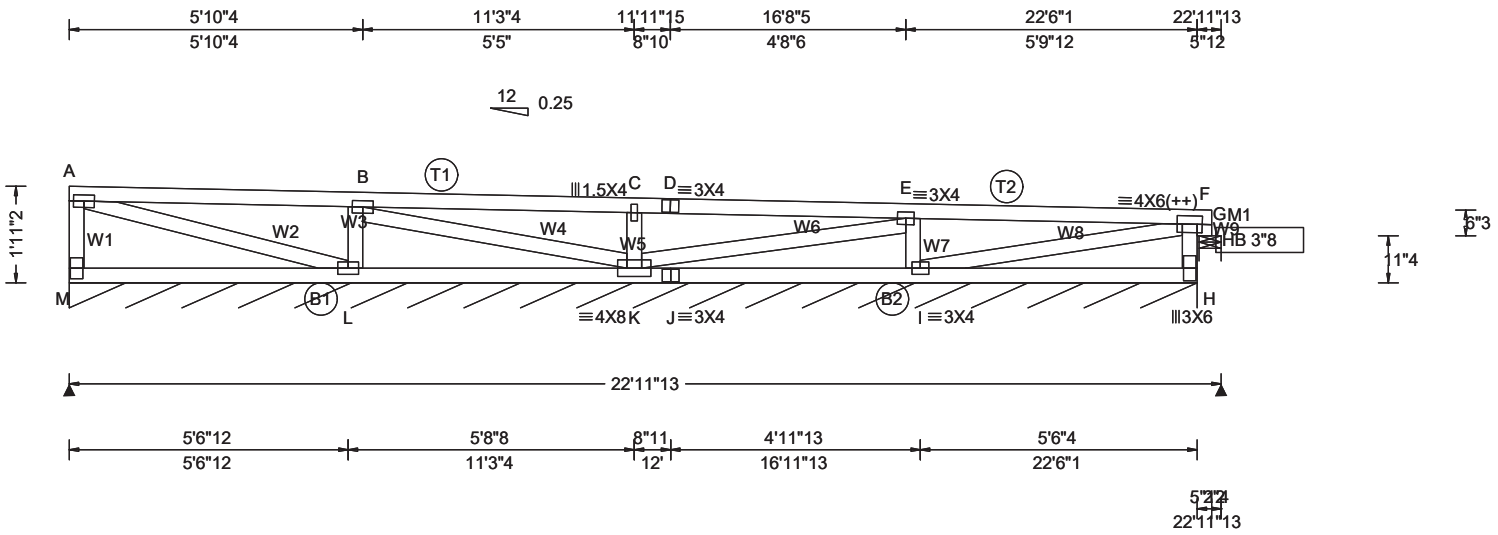
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** SW13	Ply: 1 Qty: 2 Wgt: 113.4 lbs	SEQN: 81591 / T145 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.71 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 28.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.003 B	999	360
VERT(TL):	0.004 B	999	240
HORZ(LL):	-0.016 M	-	-
HORZ(TL):	0.017 M	-	-

Creep Factor: 2.0
Max TC CSI: 0.602
Max BC CSI: 0.412
Max Web CSI: 0.959
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
M*	141	/-	/-	/61	/21	/1
G	-	/-678	/-	/164	/229	/-
M		/-306				

Wind reactions based on MWFRS
M Brg Wid = 270 Min Req = -
G Brg Wid = 5.2 Min Req = 1.5 (Support)
Bearings M & G are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1455	- 1441	D - E	855	- 865
B - C	979	- 986	E - F	218	- 200
C - D	855	- 863			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
M - L	1672	- 1652	J - I	261	- 227
L - K	1890	- 1855	I - H	61	- 18
K - J	263	- 228			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - M	350	- 438	K - E	619	- 644
A - L	1485	- 1519	E - I	204	- 537
L - B	219	- 567	I - F	184	- 227
B - K	1264	- 1291	G - H	359	- 927
K - C	173	- 452	F - G	509	- 990

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3
Rt Bearing Leg: 2x4 SP #3;

Plating Notes

All plates are 3X5 except as noted.

(++) - This plate works for both joints covered.

Loading

Truss transfers a maximum horizontal load of 3599 # (300.00 plf) along top chord, from either direction, to supports where indicated. Diaphragm and connections are to be designed by Engineer of Record.

Drag Loads: Force(#) (PLF) Mbr Start End
Case 1: 3599 300.00 TC 0.00 12.00
3600 300.00 BC 0.00 12.00

Wind

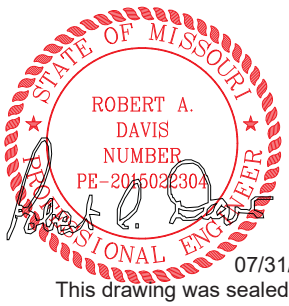
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

Negative reaction(s) of -678# MAX. Requires uplift connection. See Maximum Reactions.

Truss must be installed as shown with top chord up.



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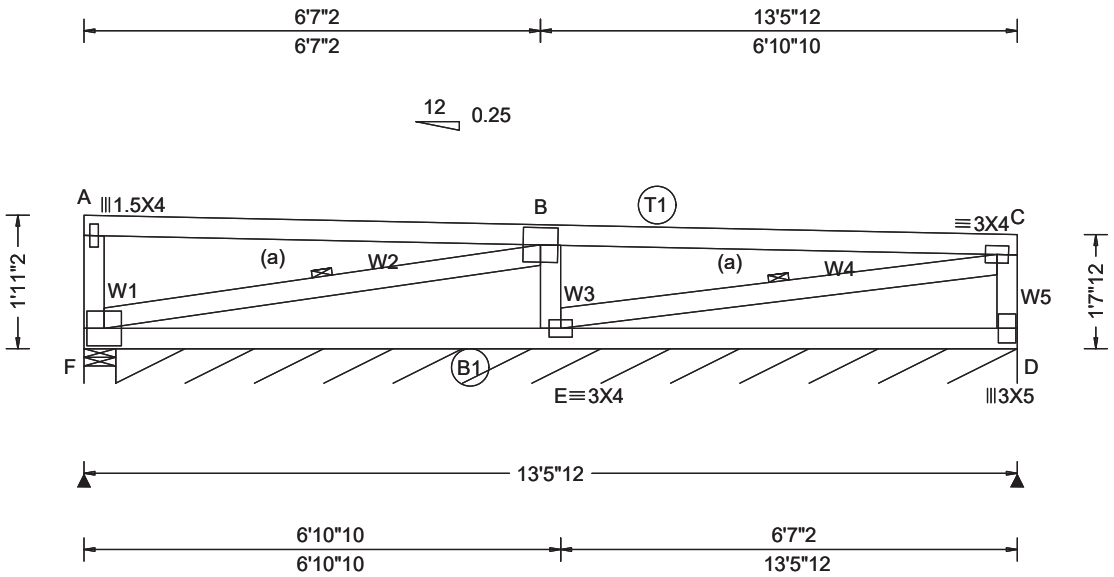
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** SW14	Ply: 1 Qty: 2 Wgt: 67.2 lbs	SEQN: 81592 / T146 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.81 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 28.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.002	B	999	360
VERT(TL): 0.002	B	999	240
HORZ(LL): 0.039	A	-	-
HORZ(TL): 0.044	A	-	-

Creep Factor: 2.0
Max TC CSI: 0.927
Max BC CSI: 0.433
Max Web CSI: 0.810
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	300	/-	/-	/718	/500	/4044
D*	91	/-	/-	/86	/20	/-
D		/-176				

Wind reactions based on MWFRS
F Brg Wid = 5.5 Min Req = 1.5 (Truss)
D Brg Wid = 156 Min Req = -
Bearings F & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1951	- 1983	B - C	1241	- 1233

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
F - E	1390	- 1339	E - D	50	- 16

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - F	103	- 230	E - C	1234	- 1279
F - B	2723	- 2747	C - D	228	- 329
B - E	514	- 841			

Lumber
Value Set: NDS 2015
Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3

Bracing
(a) Continuous lateral restraint equally spaced on member.

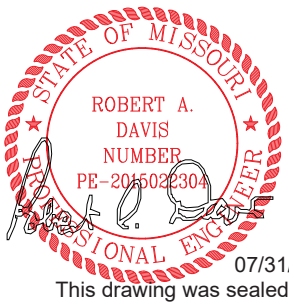
Plating Notes
All plates are 6X6 except as noted.

Loading
Truss transfers a maximum horizontal load of 4044 # (300.00 plf) along top chord, from either direction, to supports where indicated. Diaphragm and connections are to be designed by Engineer of Record.

Drag Loads:	Force(#)	(PLF)	Mbr	Start	End
Case 1:	4044	300.00	TC	0.00	13.48
	4044		BC	0.00	

Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.

Additional Notes
Negative reaction(s) of -500# MAX. Requires uplift connection. See Maximum Reactions.
Provide for complete drainage of roof.
Truss must be installed as shown with top chord up.



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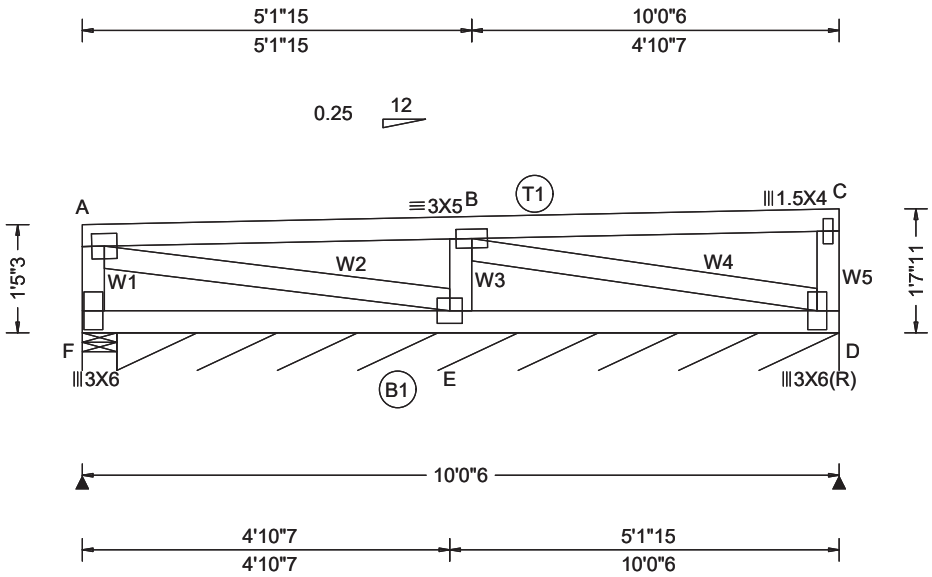
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** SW15	Ply: 1 Qty: 2 Wgt: 53.2 lbs	SEQN: 81593 / T138 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.56 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Load Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.004	B	999	360
VERT(TL): 0.005	B	999	240
HORZ(LL): 0.046	C	-	-
HORZ(TL): 0.052	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.520
Max BC CSI: 0.659
Max Web CSI: 0.772
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	206	/-	/-	/487	/338	/3009
D*	94	/-	/-	/71	/11	/-
D		/-253				

Wind reactions based on MWFRS
F Brg Wid = 5.5 Min Req = 1.5 (Truss)
D Brg Wid = 114 Min Req = -
Bearings F & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1624	- 1611	B - C	1446	- 1464

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
F - E	2995	- 2978	E - D	1329	- 1289

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - F	373	- 447	B - D	1331	- 1357
A - E	1621	- 1654	C - D	110	- 168
E - B	355	- 548			

Lumber
Value Set: NDS 2015
Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3

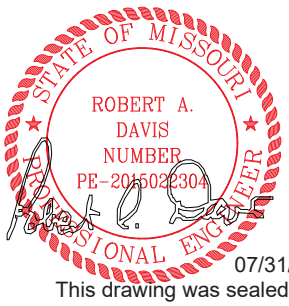
Plating Notes
All plates are 4X4 except as noted.

Loading
Truss transfers a maximum horizontal load of 3009 # (300.00 plf) along top chord, from either direction, to supports where indicated. Diaphragm and connections are to be designed by Engineer of Record.

Drag Loads:	Force(#)	(PLF)	Mbr	Start	End
Case 1:	3009	300.00	TC	0.00	10.03
	3009		BC	0.00	

Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.

Additional Notes
Negative reaction(s) of -338# MAX. Requires uplift connection. See Maximum Reactions.
Provide for complete drainage of roof.
Truss must be installed as shown with top chord up.



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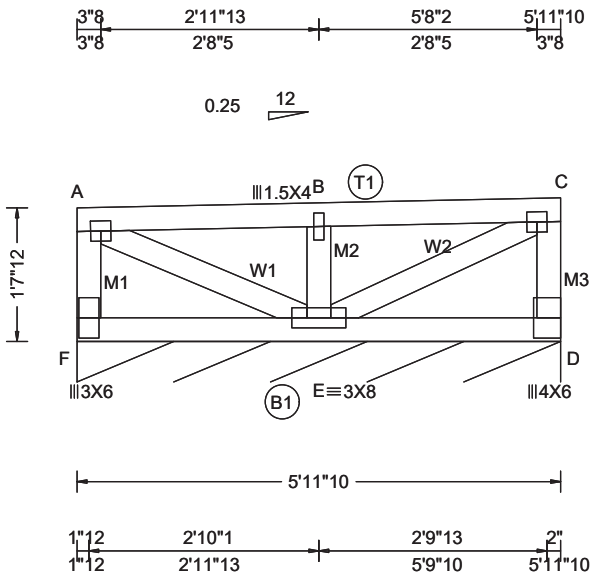
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** SW16	Ply: 1 Qty: 2 Wgt: 33.6 lbs	SEQN: 81594 / T93 / GABL FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.73 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Load Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): -0.001	C	999	360
VERT(TL): -0.001	C	999	240
HORZ(LL): -0.017	B	-	-
HORZ(TL): 0.018	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.179
Max BC CSI: 0.334
Max Web CSI: 0.297
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
D*	110	/-	/-	/51	/15	/300
F		/-438				
D		/-428				

Wind reactions based on MWFRS
D Brg Wid = 71.6 Min Req = -
Bearing F is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	909	-911	B - C	883	-883

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
F - E	5	-3	E - D	1787	-1783

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - E	998	-996	E - C	979	-980

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
A - F	448	-443	C - D	437	-430
B - E	256	-327			

Lumber
Value Set: NDS 2015
Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3

Plating Notes
All plates are 3X3 except as noted.

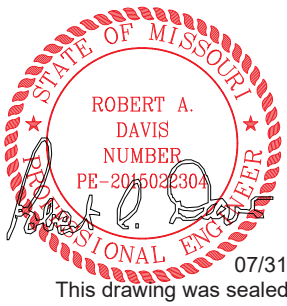
Loading
Truss transfers a maximum horizontal load of 1790 # (300.00 plf) along top chord, from either direction, to supports where indicated. Diaphragm and connections are to be designed by Engineer of Record.

Drag Loads:	Force(#)	(PLF)	Mbr	Start	End
Case 1:	1790	300.00	TC	0.00	5.97
	1790		BC	5.97	
Case 2:	1790	300.00	TC	0.00	5.97
	1790		BC	5.97	
Case 3:	1790	300.00	TC	0.00	5.97
	1790		BC	5.97	
Case 4:	1790	300.00	TC	0.00	5.97
	1790		BC	5.97	

Drag loads applied to wind load cases parallel to truss.

Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.

Additional Notes
See DWG GBLLETIN1014 for gable wind bracing requirements.
Provide for complete drainage of roof.
Truss must be installed as shown with top chord up.



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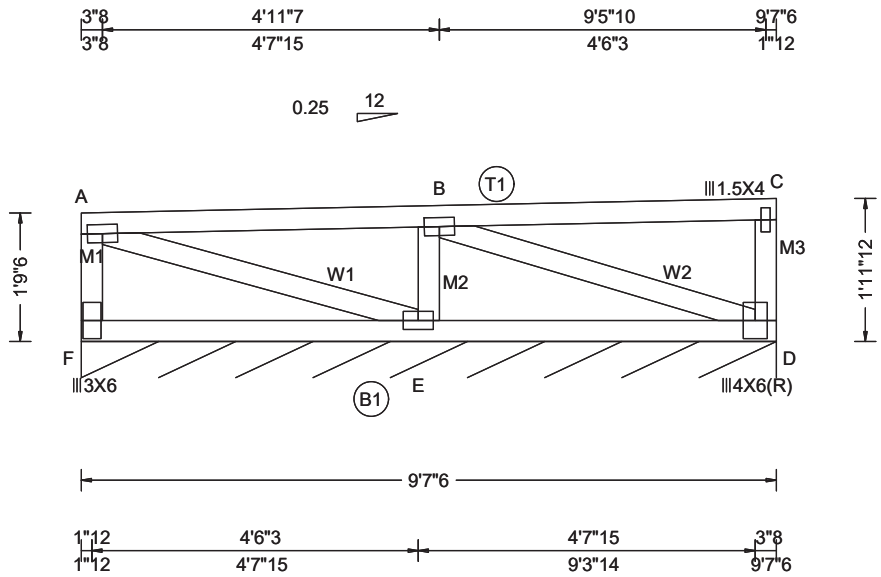
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** SW17	Ply: 1 Qty: 2 Wgt: 50.4 lbs	SEQN: 81595 / T142 / GABL FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 0.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 44.90 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Load
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.002	B	999	360
VERT(TL): 0.002	B	999	240
HORZ(LL): -0.017	C	-	-
HORZ(TL): 0.018	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.475
Max BC CSI: 0.129
Max Web CSI: 0.687
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
D*	110	/-	/-	/51	/13	/1
F		/-393				
D		/-404				

Wind reactions based on MWFRS
D Brg Wid = 115 Min Req = -
Bearing F is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1376	- 1369	B - C	1388	- 1401

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
F - E	1398	- 1386	E - D	1435	- 1403

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - E	1423	- 1445	B - D	1482	- 1505

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
A - F	429	- 501	C - D	107	- 161
E - B	407	- 638			

Lumber

Value Set: NDS 2015

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

Plating Notes

All plates are 3X5 except as noted.

Loading

Truss transfers a maximum horizontal load of 2884 # (300.00 plf) along top chord, from either direction, to supports where indicated. Diaphragm and connections are to be designed by Engineer of Record.

Drag Loads: Force(#) (PLF) Mbr Start End
Case 1: 2884 300.00 TC 0.00 9.61
2884 300.00 BC 0.00 9.61

Wind

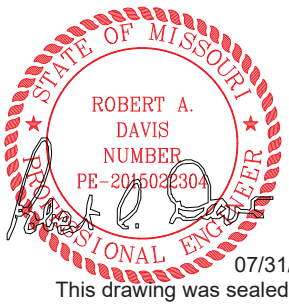
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Additional Notes

See DWG GBLLETIN1014 for gable wind bracing requirements.

Truss must be installed as shown with top chord up.



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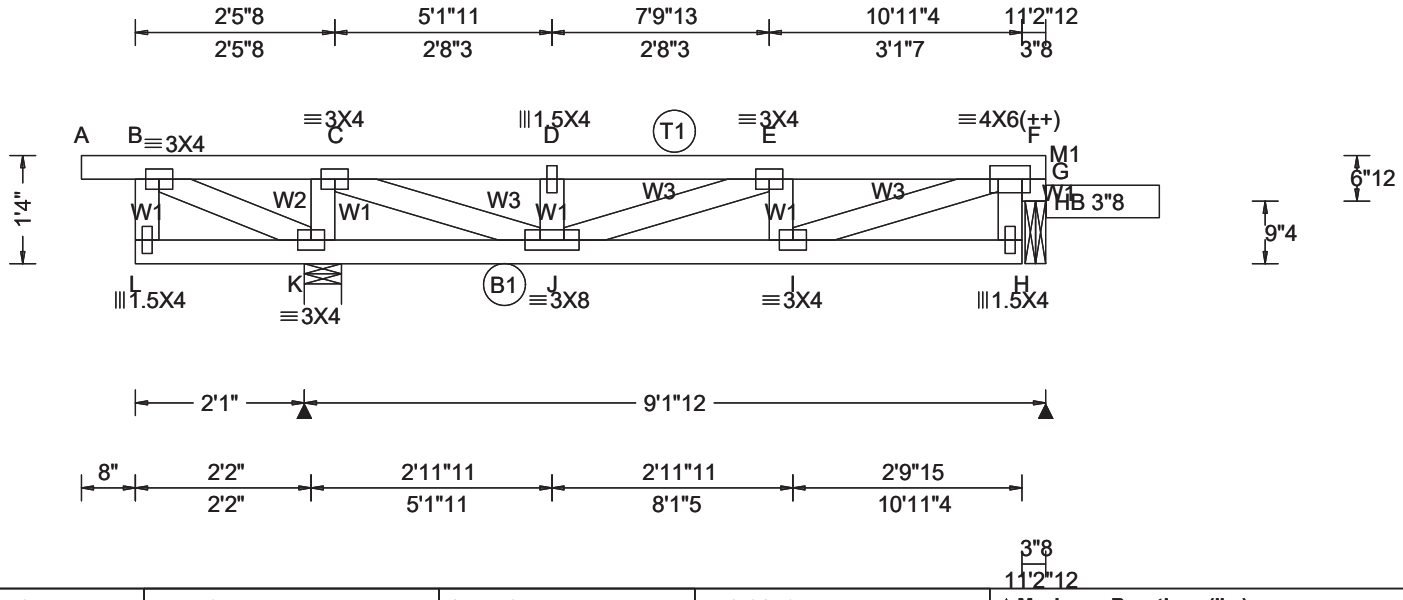
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** UR1	Ply: 1 Qty: 1 Wgt: 58.8 lbs	SEQN: 81574 / T54 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 50.92 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Load
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.019	E	999	360
VERT(TL): 0.038	E	999	240
HORZ(LL): 0.004	C	-	-
HORZ(TL): 0.008	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.246
Max BC CSI: 0.323
Max Web CSI: 0.342
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
K	846	/-	/-	/-	/229	/-
G	404	/-	/-	/-	/173	/-

Wind reactions based on MWFRS
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
G Brg Wid = 3.0 Min Req = 1.5 (Support)
Bearings K & G are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	0	D - E	345	-843
B - C	339	-44	E - F	359	-843
C - D	345	-843			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	1	-1	J - I	876	-366
K - J	47	-224	I - H	70	-29

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - L	14	0	J - E	22	-151
B - K	48	-376	E - I	25	-182
K - C	207	-626	I - F	824	-352
C - J	897	-357	G - H	38	-31
D - J	29	-166	F - G	232	-509

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3
Rt Bearing Leg: 2x4 SP #3;

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC: From	90 plf at	-0.67 to	90 plf at	4.60
TC: From	45 plf at	4.60 to	45 plf at	11.23
BC: From	4 plf at	-0.67 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	4.60
BC: From	10 plf at	4.60 to	10 plf at	10.94

BC: 22 lb Conc. Load at 4.60, 9.17
BC: 83 lb Conc. Load at 4.89, 6.89, 8.88

Plating Notes

(++) - This plate works for both joints covered.

Purlins

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

Wind

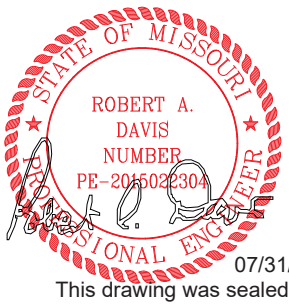
Wind loads and reactions based on MWFRS.

End verticals not exposed to wind pressure.

Left cantilever is exposed to wind

Additional Notes

Truss must be installed as shown with top chord up.



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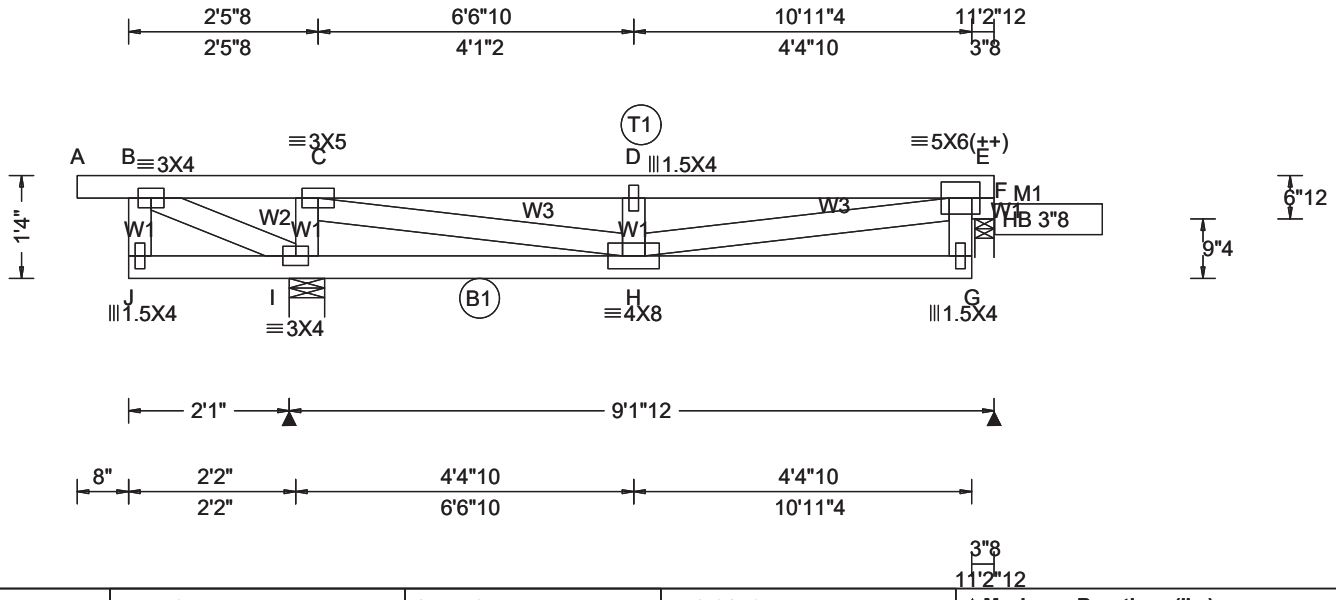
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** UR2	Ply: 1 Qty: 2 Wgt: 58.8 lbs	SEQN: 81575 / T74 / MONO FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 50.92 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.034 D	999	360
VERT(TL):	0.066 D	999	240
HORZ(LL):	0.004 C	-	-
HORZ(TL):	0.009 C	-	-

Creep Factor: 2.0
Max TC CSI: 0.307
Max BC CSI: 0.144
Max Web CSI: 0.409
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
I	838	/-	/-	/416	/159	/-
F	481	/-	/-	/211	/63	/-

Wind reactions based on MWFRS
I Brg Wid = 5.5 Min Req = 1.5 (Truss)
F Brg Wid = 3.0 Min Req = 1.5 (Support)
Bearings I & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	0	C - D	449	-1064
B - C	324	-171	D - E	449	-1064

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	1	-3	H - G	148	-77
I - H	101	-231			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - J	34	-15	D - H	259	-393
B - I	189	-359	H - E	941	-383
I - C	349	-627	F - G	49	0
C - H	1075	-492	E - F	469	-816

Lumber

Value Set: NDS 2015

Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3
Rt Bearing Leg: 2x4 SP #3;

Plating Notes

(++) - This plate works for both joints covered.

Wind

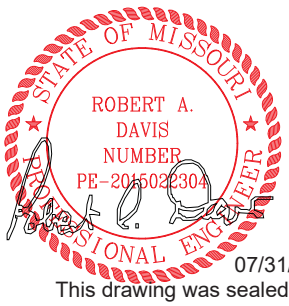
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Left cantilever is exposed to wind

Additional Notes

Truss must be installed as shown with top chord up.



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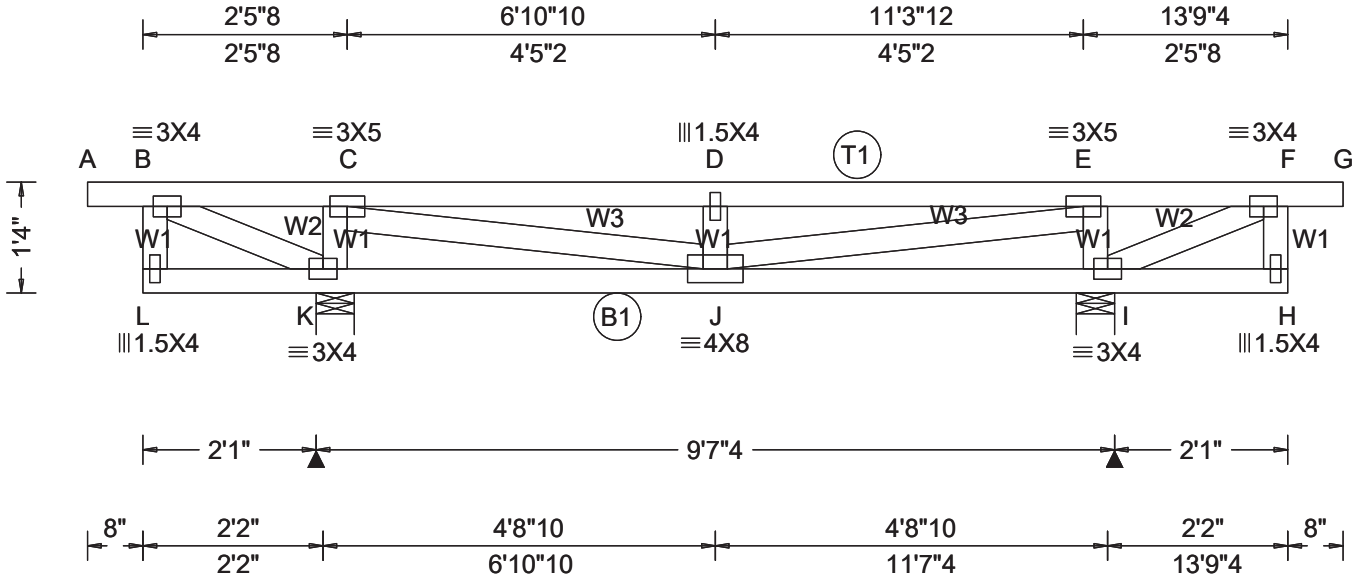
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** UR3	Ply: 1 Qty: 1 Wgt: 71.4 lbs	SEQN: 81576 / T8 / FLAT FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 50.92 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Member
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.036	D	999	360
VERT(TL): 0.070	D	999	240
HORZ(LL): 0.005	C	-	-
HORZ(TL): 0.009	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.333
Max BC CSI: 0.281
Max Web CSI: 0.419
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
K	865 /-	/-	/-	/233	/-
I	863 /-	/-	/-	/234	/-

Wind reactions based on MWFRS
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
I Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings K & I are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	0	D - E	441	-1010
B - C	278	-1	E - F	279	-1
C - D	441	-1010	F - G	0	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	2	-4	J - I	128	-175
K - J	131	-174	I - H	2	-4

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - L	29	-23	J - E	1099	-403
B - K	0	-307	E - I	186	-616
K - C	187	-619	I - F	0	-308
C - J	1097	-403	F - H	29	-23
D - J	44	-291			

Lumber

Value Set: NDS 2015

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

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC: From	90 plf at	-0.67 to	90 plf at	4.60
TC: From	45 plf at	4.60 to	45 plf at	9.25
TC: From	90 plf at	9.25 to	90 plf at	14.44
BC: From	4 plf at	-0.67 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	4.60
BC: From	10 plf at	4.60 to	10 plf at	9.25
BC: From	20 plf at	9.25 to	20 plf at	13.77
BC: From	4 plf at	13.77 to	4 plf at	14.44

BC: 22 lb Conc. Load at 4.60, 9.25
BC: 83 lb Conc. Load at 4.89, 6.88, 8.88

Purlins

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

Wind

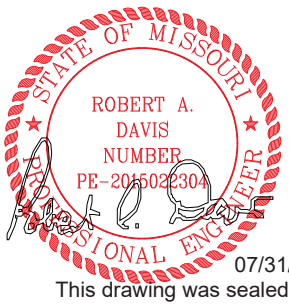
Wind loads and reactions based on MWFRS.

End verticals not exposed to wind pressure.

Left and right cantilevers are exposed to wind

Additional Notes

Truss must be installed as shown with top chord up.



07/31/24
This drawing was sealed by
Robert A Davis PE,

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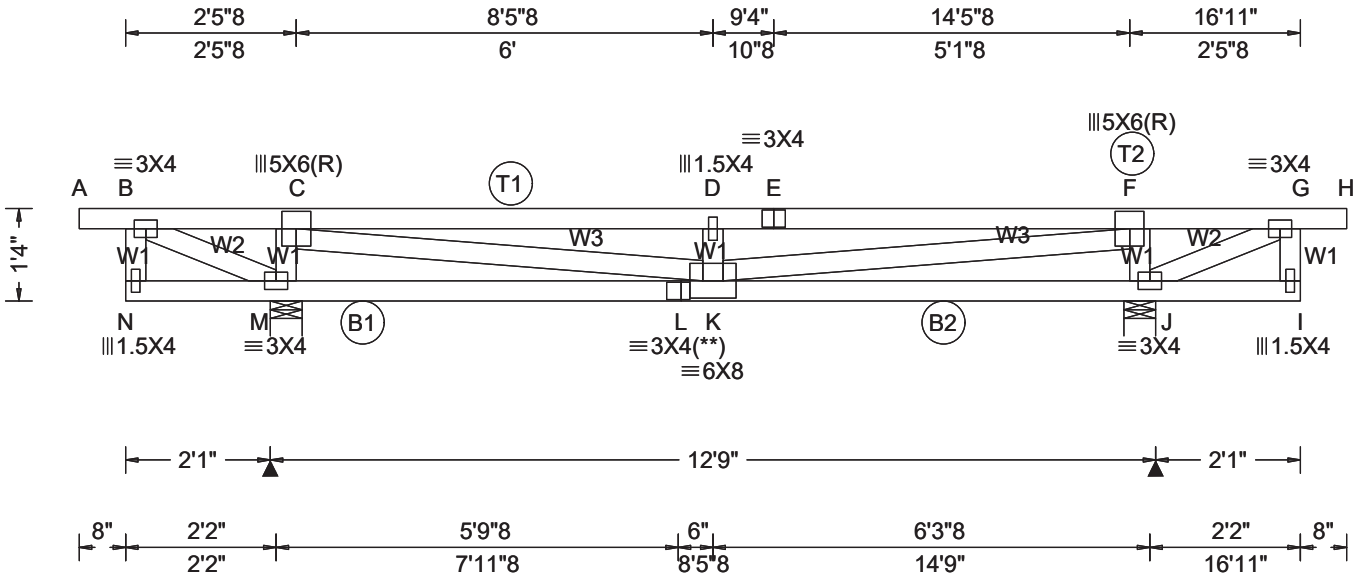
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** UR4	Ply: 1 Qty: 8 Wgt: 85.4 lbs	SEQN: 81602 / T92 / FLAT FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 50.92 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 65.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.133 D	999	360
VERT(TL):	0.249 D	607	240
HORZ(LL):	0.014 B	-	-
HORZ(TL):	0.027 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.542
Max BC CSI: 0.617
Max Web CSI: 0.758
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
M	1091 / -	/ -	/ -	/264	/ -
J	1091 / -	/ -	/ -	/264	/ -

Wind reactions based on MWFRS
M Brg Wid = 5.5 Min Req = 1.5 (Truss)
J Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings M & J are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	0	E - F	664	-2145
B - C	166	-191	F - G	166	-191
C - D	664	-2145	G - H	0	0
D - E	664	-2145			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	3	-9	K - J	379	-103
M - L	378	-103	J - I	3	-9
L - K	378	-103			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - N	44	-82	K - F	1989	-569
B - M	222	-182	F - J	213	-804
M - C	213	-804	J - G	223	-182
C - K	1990	-569	G - I	44	-82
D - K	60	-393			

Lumber
Value Set: NDS 2015
Top chord 2x4 SP #2
Bot chord 2x4 SP #2
Webs 2x4 SP #3

Special Loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC: From	90 plf at	-0.67 to	90 plf at	4.76
TC: From	45 plf at	4.76 to	45 plf at	12.15
TC: From	90 plf at	12.15 to	90 plf at	17.58
BC: From	4 plf at	-0.67 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	4.76
BC: From	10 plf at	4.76 to	10 plf at	12.15
BC: From	20 plf at	12.15 to	20 plf at	16.92
BC: From	4 plf at	16.92 to	4 plf at	17.58

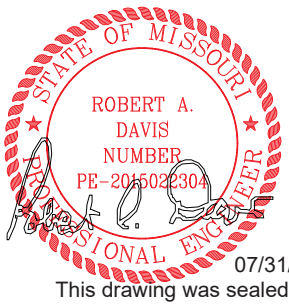
BC: 158 lb Conc. Load at 4.76,12.15
BC: 83 lb Conc. Load at 6.82, 8.46,10.10

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

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

Wind
Wind loads and reactions based on MWFRS.
End verticals not exposed to wind pressure.
Left and right cantilevers are exposed to wind

Additional Notes
Truss must be installed as shown with top chord up.



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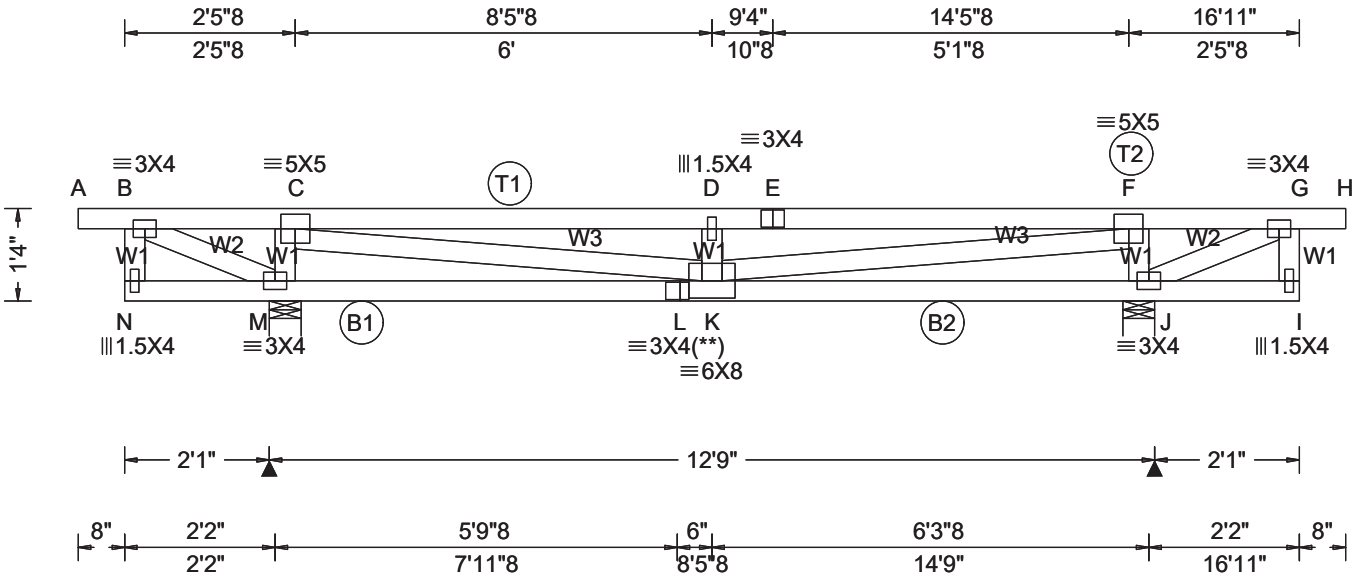
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** UR5	Ply: 1 Qty: 12 Wgt: 85.4 lbs	SEQN: 81577 / T151 / FLAT FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 50.92 ft
TCDL: 5.0 psf
BCDL: 4.0 psf
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 65.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.123	D	999	360
VERT(TL): 0.231	D	652	240
HORZ(LL): 0.012	B	-	-
HORZ(TL): 0.024	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.645
Max BC CSI: 0.329
Max Web CSI: 0.713
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲ Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
M	1012	/-	/-	/489	/178	/-
J	1012	/-	/-	/489	/178	/-

Wind reactions based on MWFRS
M Brg Wid = 5.5 Min Req = 1.5 (Truss)
J Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings M & J are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	0	E - F	528	- 1973
B - C	249	- 124	F - G	249	- 124
C - D	528	- 1973	G - H	0	0
D - E	528	- 1973			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	2	- 8	K - J	321	- 139
M - L	321	- 139	J - I	2	- 8
L - K	321	- 139			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - N	18	- 31	K - F	1873	- 504
B - M	146	- 274	F - J	304	- 839
M - C	303	- 839	J - G	146	- 273
C - K	1873	- 497	G - I	18	- 31
D - K	238	- 525			

Lumber

Value Set: NDS 2015

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

Plating Notes

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

Wind

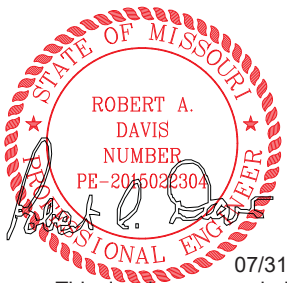
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Left and right cantilevers are exposed to wind

Additional Notes

Truss must be installed as shown with top chord up.



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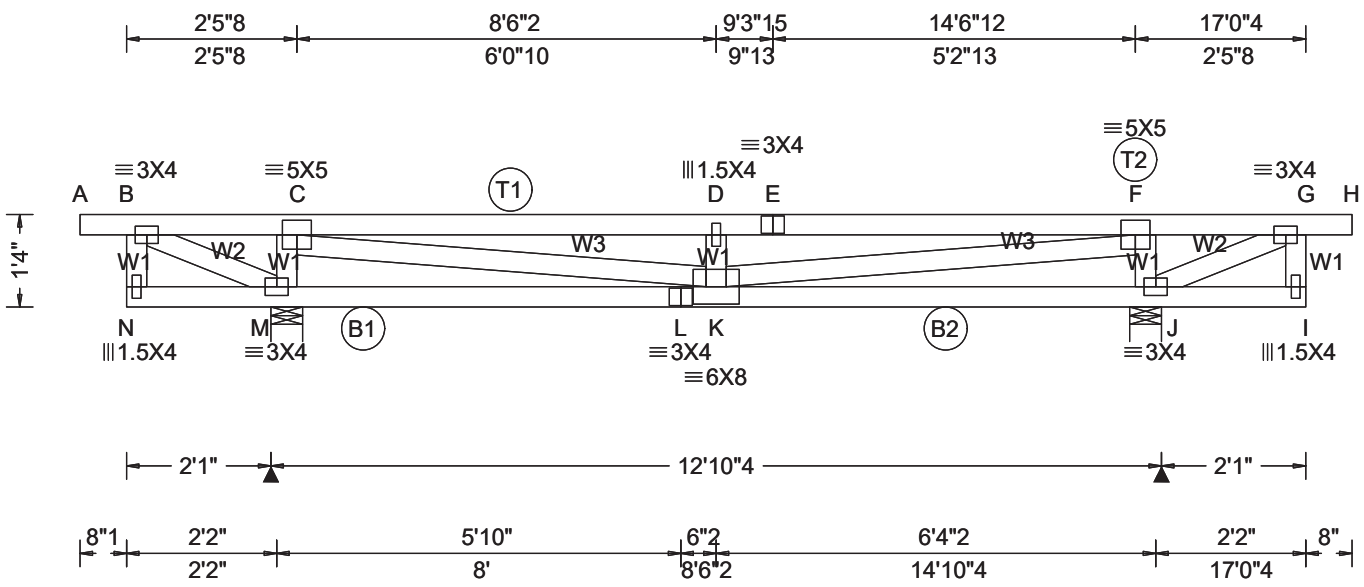
Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** UR6	Ply: 1 Qty: 4 Wgt: 85.4 lbs	SEQN: 81603 / T78 / FLAT FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 50.92 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Varies by Location
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.117 D	999	360
VERT(TL):	0.219 D	693	240
HORZ(LL):	0.012 B	-	-
HORZ(TL):	0.024 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.582
Max BC CSI: 0.601
Max Web CSI: 0.676
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
M	1028 /-	/-	/-	/135	/-
J	987 /-	/-	/-	/95	/-

Wind reactions based on MWFRS
M Brg Wid = 5.5 Min Req = 1.5 (Truss)
J Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings M & J are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	0	E - F	87	-1853
B - C	165	-175	F - G	215	-117
C - D	87	-1853	G - H	0	0
D - E	87	-1853			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	2	-9	K - J	296	-93
M - L	351	-63	J - I	0	-8
L - K	351	-63			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - N	22	-74	K - F	1775	-123
B - M	204	-180	F - J	124	-774
M - C	112	-760	J - G	138	-235
C - K	1721	-68	G - I	0	-43
D - K	78	-397			

Lumber

Value Set: NDS 2015

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

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC: From	90 plf at	-0.67 to	90 plf at	5.09
TC: From	45 plf at	5.09 to	45 plf at	11.88
TC: From	90 plf at	11.88 to	90 plf at	17.69
BC: From	4 plf at	-0.67 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	5.09
BC: From	10 plf at	5.09 to	10 plf at	11.88
BC: From	20 plf at	11.88 to	20 plf at	17.02
BC: From	4 plf at	17.02 to	4 plf at	17.69

BC: 132 lb Conc. Load at 5.09
BC: 55 lb Conc. Load at 6.64, 8.51,10.39,11.88

Purlins

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

Wind

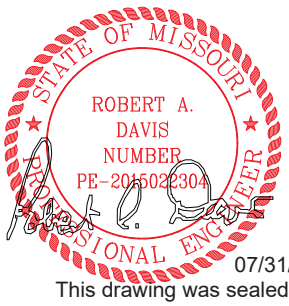
Wind loads and reactions based on MWFRS.

End verticals not exposed to wind pressure.

Left and right cantilevers are exposed to wind

Additional Notes

Truss must be installed as shown with top chord up.



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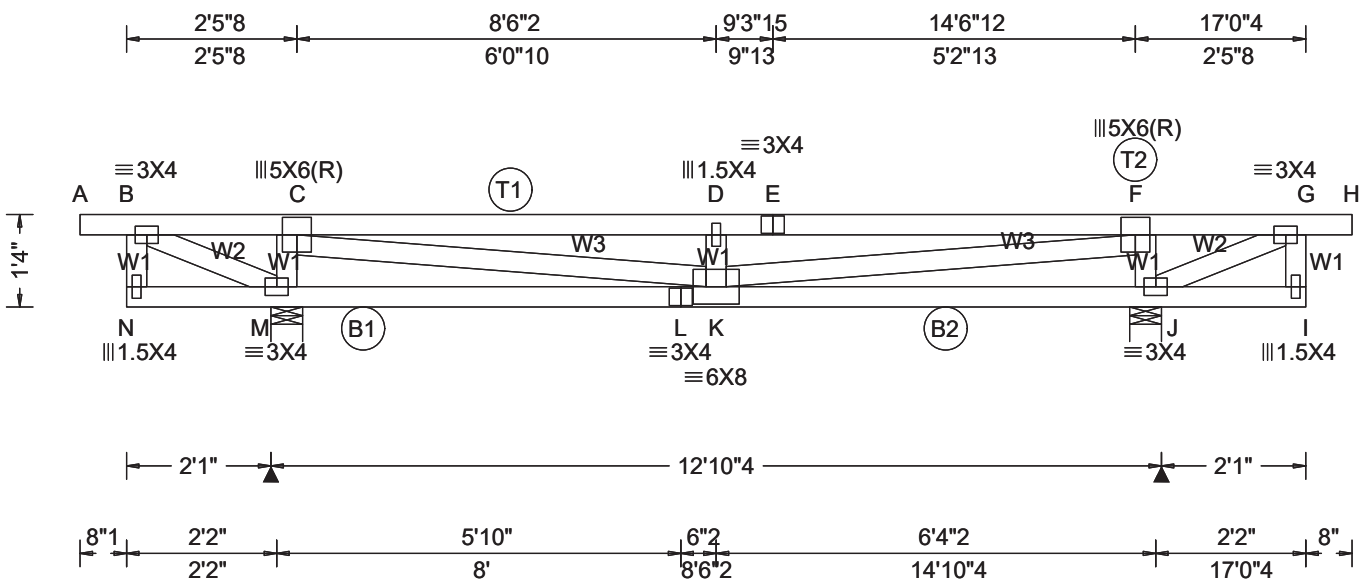
For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

Job Number: 2310105-R John Knox Village Courts Roof level **Truss Label:** UR7	Ply: 1 Qty: 8 Wgt: 85.4 lbs	SEQN: 81578 / T119 / FLAT FROM:	DRW: ... / ... 07/31/2024



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	0.00
Soffit:	2.00

Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 109 mph
Enclosure: Closed
Risk Category: II
EXP: B
Mean Height: 50.92 ft
TCDL: 5.0 psf
BCDL: 4.0 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

Snow Criteria (Pg,Pf in PSF)
Pg: 19.0 Ct: 1.0 CAT: II
Pf: 15.0(specified) Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Code / Misc Criteria
Bldg Code: IBC 2018
TPI Std: 2014
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.128	D	999	360
VERT(TL): 0.239	D	636	240
HORZ(LL): 0.013	B	-	-
HORZ(TL): 0.025	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.659
Max BC CSI: 0.336
Max Web CSI: 0.725
Mfg Specified Camber:

VIEW Ver: 23.02.04A.0207.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
M	1018	/-	/-	/492	/179	/-
J	1018	/-	/-	/492	/178	/-

Wind reactions based on MWFRS
M Brg Wid = 5.5 Min Req = 1.5 (Truss)
J Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings M & J are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	0	E - F	699	-2009
B - C	248	-129	F - G	247	-129
C - D	699	-2009	G - H	0	0
D - E	699	-2009			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	3	-8	K - J	329	-136
M - L	329	-137	J - I	3	-8
L - K	329	-137			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - N	18	-32	K - F	1902	-665
B - M	153	-272	F - J	386	-846
M - C	385	-846	J - G	153	-271
C - K	1903	-659	G - I	18	-32
D - K	296	-529			

Lumber

Value Set: NDS 2015

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

Wind

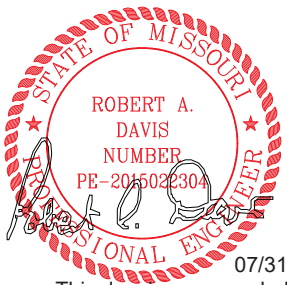
Wind loads based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Left and right cantilevers are exposed to wind

Additional Notes

Truss must be installed as shown with top chord up.



07/31/24
This drawing was sealed by
Robert A Davis PE,

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