



Jones County Junior College

August 30, 2022

INVITATION TO BID

Jones County Junior College will receive sealed bids until Friday, September 30, 2022. Bids will be opened in the Board Conference Room of the Hutcheson-Hubbard Administration Building, Jones County Junior College, Ellisville, Mississippi at 10:00 a.m., Friday, September 30, 2022.

The undersigned accepts the terms and conditions herein and hereby commit to honor the price(s) bid. Please print.

Name & Title _____
Company Name _____
Address _____
City, State, Zip _____
Telephone _____ Fax _____
Signature _____ Date _____
Base Bid _____ (\$ _____)
Deductive Alternate #1 _____ (\$ _____)

BID SUBMISSION:

Return sealed bid by mail, electronic bidding, or in person to Purchasing, Jones County Junior College, 900 South Court Street, Ellisville, MS 39437. Official bid documents can be downloaded from Central Bidding at www.centralbidding.com. Electronic bids can be submitted at www.centralbidding.com. For any questions relating to the electronic bidding process, please call Central Bidding at 225-810-4814. All bids must be received prior to the 10:00 a.m. bid opening with the **front of envelope marked as follows:**

**Show Barn Roof Trusses
BID #JCJC22-08
Certificate of Responsibility (Number must be on bid envelope)**

Bids will be F. O. B., Jones County Junior College, Ellisville, MS. Bids will not be accepted unless the attached form is used for bidding; and all requested information, including signatures, is provided.

BID TERMS & CONDITIONS:

BID AWARD

1. Bid will be awarded according to the lowest, and best, overall bid meeting specifications. This is an all-or-nothing bid.
2. Bid results are scheduled for presentation at the Board of Trustees' Meeting scheduled for October 19, 2022. Once the bid is approved, purchase orders and/or contract will be issued.
3. This bid will remain valid from October 19, 2022 – December 19, 2022.
4. Jones County Junior College reserves the right to reject any and all bids, to waive any informality in bids, and to accept any items on the bid unless otherwise specified by the bidder.

QUESTIONS

1. For additional information on bidding procedures, contact Jessica Martin, Purchasing, Jones County Junior College at 900 South Court Street, Ellisville, MS 39437, (601)477-4009, or jessica.martin@jcjc.edu. Forward questions concerning specifications by noon, Monday, September 19, 2022 to Michael Bradshaw, Assistant to the President, at 900 South Court Street, Ellisville, MS 39437, (601)335-3466 or email at michael.bradshaw@jcjc.edu. Bidders' questions and the college's response will be provided to all known potential bidders.

BID OPENING

1. Bids not received before 10:00 a.m., Friday, September 30, 2022 will not be opened and will be returned to the bidder.
2. Bid openings are open to the public.
3. No discussion will be entered into with any vendor as to the quality or provisions of the specifications, and no award will be stated or implied at the bid opening. Between the bid opening and the meeting of the Board of Trustees, bids will be in the evaluation process and will not be available for review by bidders.

VALID BID

To be considered valid, bids must be:

1. Submitted on these bid forms,
2. Sealed in an envelope with the bid name, number, and certificate of responsibility number, clearly marked on the outside.
3. Received in the Board Conference Room prior to the designated bid opening.

PURCHASE

1. This bid will cover the purchase of Show Barn Roof Trusses.
2. Jones County Junior College cannot guarantee that the estimated quantity will be purchased.
3. Purchase of bid items is not guaranteed and may be contingent upon budget availability.

4. Services and commodities cannot be provided or received without a written purchase order or contract signed by an agent of the college.
5. A written purchase order or contract mailed or otherwise furnished to the successful bidder within the time of acceptance indicated results in a binding contract without further action by either party. The contract shall not be assignable by the vendor in whole or in part without the written consent of Jones County Junior College.
6. Unless the bidder states a time within which bids must be accepted, it is understood and agreed that Jones County Junior College shall have ninety (90) days to accept.

BIDDER'S RESPONSIBILITY

1. The bidder is responsible for the examination of all specifications, instructions, and any drawings, diagrams, exhibits and/or samples.
2. Upon request of Jones County Junior College, bidders must furnish satisfactory evidence of their ability to furnish products or services in accordance with the terms and conditions of these specifications. Jones County Junior College reserves the right to make the final determination as to the bidder's ability.
3. In instances where a bidder has more than one price for a single item listed, bidder must bid a single price. If the bidder does not calculate and bid a single price, the College reserves the right to select a method of calculation to derive a single price for that item.
4. A complimentary copy of bid results will be provided upon request if a self-addressed, stamped envelope is submitted with the bid. Otherwise, copies of bid documents may be purchased at a rate of \$1.00 per page or a minimum of \$10.00 after board approval.
5. If an awarded vendor fails to meet all contract specifications or requests a price increase, the purchase order(s) and contract may be canceled and the vendor may be removed from the college's bid list for a period of twenty-four (24) months.
6. Failure of a vendor to respond to four (4) consecutive bids will result in removal from the college's bid list.
7. By submission of this bid, the bidder certifies with regard to collusion that:
 - a. this bid has been independently arrived at without collusion with any other bidder or competitor
 - b. this bid has not knowingly been disclosed and will not be knowingly disclosed prior to the bid opening
 - c. No attempt has been or will be made to induce any other party to submit or withhold submission of a bid.

BIDDER REQUIREMENTS

1. Non-resident contractors must submit a copy of their state's current preference law with bid.

PAYMENT

1. Payment is contingent upon the final product meeting bid specifications.
2. Payment cannot be made until commodities are received and/or services are performed.
3. Payment will only be made for charges that are disclosed in this bid.
4. In case of a discrepancy between unit price and total price, unit price shall prevail.

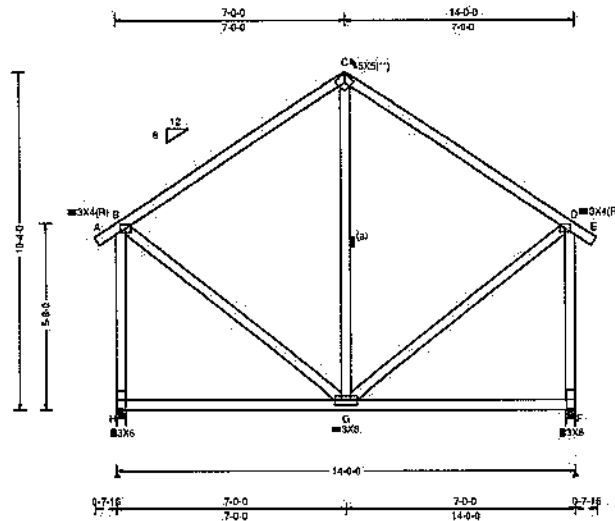
DELIVERY

1. Delivery charges must be included in the bid price.
2. Bidder must be willing to deliver quantities as small as one lot.

SUBSTITUTIONS

1. Any substitutions or deviations from specifications must be of equal or higher quality.
2. To be considered for purchase, a complete description must accompany any substitutions bid.
3. If required by the college, vendors must be prepared to present samples of any substitutions at vendor's expense.

SEQN: 72707 / T19 / COMN FROM: REF	Ply: 1 Qty: 61 Wgt: 106.4 lbs	Job Number: Truss Label: tr14	DRW: ... / ... 07/13/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg.Pt in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCOL: 10.00 BCLL: 0.00 BCOL: 10.00 Des.Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0"	Wind Std: ASCE 7-10 Speed: 150 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 16.78 ft TCOL: 5.0 psf BCOL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCPl: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pt: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: IBC 2012 TPI Std: 2007 Rep Fac: Yes FT/RT/PT: 10(0)/5(5)/3(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.007 C 999 240 VERT(TL): 0.017 C 999 240 HORZ(LL): -0.003 C - - HORZ(TL): -0.005 C - - Creep Factor: 1.5 Max TC CSI: 0.509 Max BC CSI: 0.437 Max Web CSI: 0.306 Mfg Specified Camber: VIEW Ver: 21.01.01.0429.14	Gravity Non-Gravity Loc. R+ / R- / Rn / Rw / U / RL H 628 /- /- /361 /192 /205 F 628 /- /- /361 /192 /- Wind reactions based on MWFRS H Brg Width = 0-3-8 Min Req = 0-1-8 F Brg Width = 0-3-8 Min Req = 0-1-8 Bearings H & F are a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 22 0 C - D 229 -399 B - C 229 -399 D - E 22 0

Maximum Bot Chord Forces Per Ply (lbs)			
Chords	Tens.Comp.	Chords	Tens. Comp.
H - G	205 -205	G - F	0 0
Maximum Web Forces Per Ply (lbs)			
Webs	Tens.Comp.	Webs	Tens. Comp.
B - H	295 -575	G - D	315 -104
B - G	315 -104	D - F	295 -575
C - G	153 -208		

****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.

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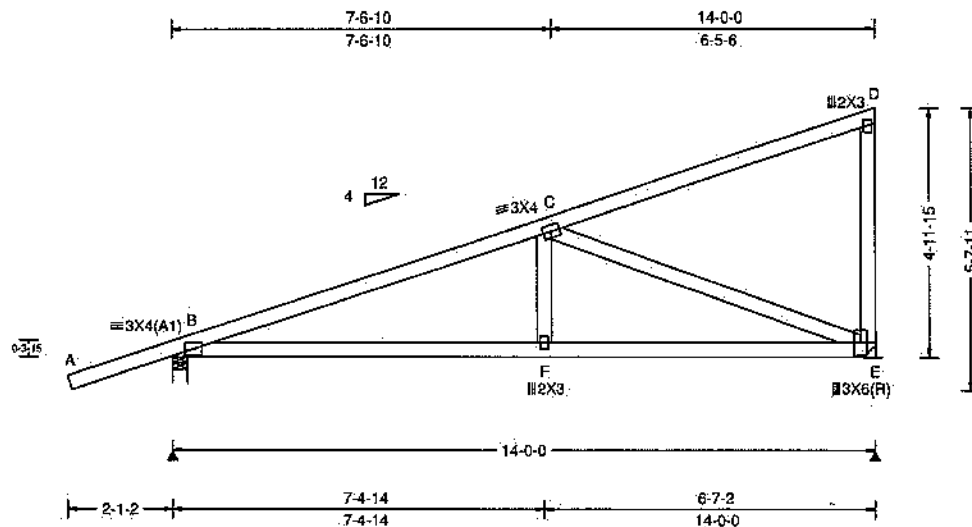
SEQN: 72663 / T21 / MONO
FROM: REF

Ply: 1
Qty: 182
Wgt: 65.8 lbs

Truss Label: S1

DRW:

07/13/2022



Loading Criteria (psf)		Wind Criteria		Snow Criteria (Pg. Pfr in PSF)		Defl/CSI Criteria		Maximum Reactions (lbs)			
TCLL: 20.00		Wind Std: ASCE 7-10		Pg: NA	Ct: NA	CAT: NA	PP Deflection in loc L/defl L/#	Gravity		Non-Gravity	
TCDL: 10.00		Speed: 150 mph		Pt: NA		Ce: NA	VERT(LL): 0.027 F 999 240	Loc	R+	/R-	/Rh
BCLL: 0.00		Enclosure: Closed		Lur: NA	Cs: NA		VERT(TL): 0.065 F 999 240	B	718	-	-
BCDL: 10.00		Risk Category: II		Snow Duration: NA			HORZ(LL): 0.009 E - -	E	550	-	-
Des Ld: 40.00		EXP: C Kzt: NA					HORZ(TL): 0.021 E - -	Wind reactions based on MWFRS			
NCBCLL: 10.00		Mean Height: 15.00 ft					Creep Factor: 1.5	B	Brg Width = 0-3-8	Min Req = 0-1-8	
Soffit: 2.00		TCDL: 5.0 psf		Building Code:			Max TC CSI: 0.545	E	Brg Width = -	Min Req = -	
Load Duration: 1.25		BCDL: 5.0 psf		IBC 2012			Max BC CSI: 0.472	Bearing B is a rigid surface.			
Spacing: 24.0"		MWFRS Parallel Dist: h/2 to h		TPI Std: 2007			Max Web CSI: 0.786	Maximum Top Chord Forces Per Ply (lbs)			
		C&C Dist a: 3.00 ft		Rep Fac: Yes			Mfg Specified Camber:	Chords	Tens.	Comp.	Chords
		Loc. from endwall: not less than 9.0 ft		FT/RT/PT: 10(0)/5(5)/3(0)			VIEW Ver: 21.01.01.0429:14	A - B	42	0	C - D
		GCpl: 0.18		Plate Type(s):				B - C	266	-1002	48 -81
		Wind Duration: 1.60		WAVE				Maximum Bot Chord Forces Per Ply (lbs)			
								Chords	Tens.	Comp.	Chords
								B - F	897	-405	F - E
											891 -405
								Maximum Web Forces Per Ply (lbs)			
								Webs	Tens.	Comp.	Webs
								F - C	323	0	D - E
								C - E	435	-956	144 -153

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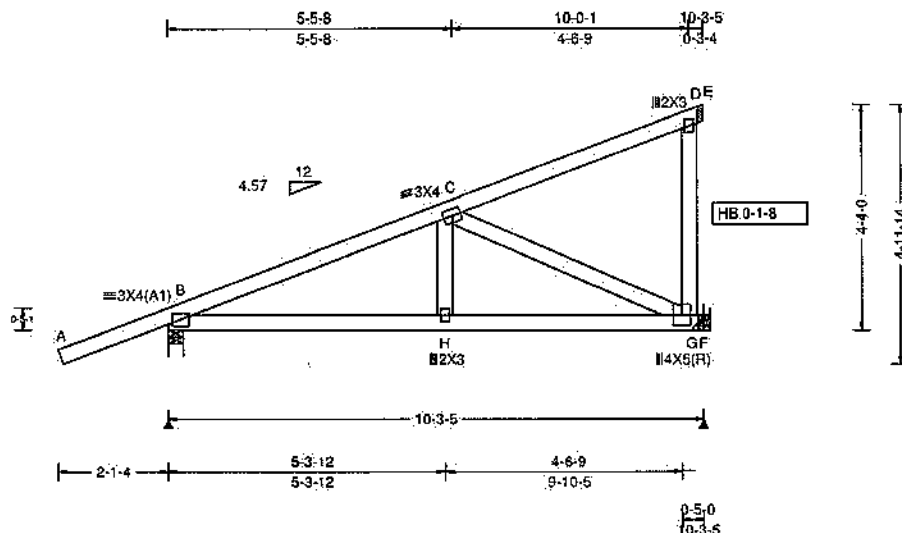
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SEQN: 72674 / T8 / JACK FROM: REF	Ply: 1 Qty: 4 Wgt: 51.8 lbs	Truss Label: e2	DRW: / ... 07/13/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCCL: 10.00 BCCL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0"	Wind Std: ASCE 7-10 Speed: 150 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCCL: 5.0 psf BCCL: 5.0 psf MWFRS Parallel Dist: h/2 to 24.0 ft C&C Dist: 3.00 ft Loc. from endwall: not in 9.00 ft GCPI: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: IBC 2012 TPI Std: 2007 Rep Fac: Yes FT/RT/PT: 10(0)/5(5)/3(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.013 H 999 240 VERT(TL): 0.031 H 999 240 HORZ(LL): 0.004 G - - HORZ(TL): 0.009 G - - Creep Factor: 1.5 Max TC CSI: 0.288 Max BC CSI: 0.235 Max Web CSI: 0.255 Mfg Specified Camber: VIEW Ver: 21.01.01.0429.14	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 575 -/- /- /400 /171 /179 F 397 -/- /- /249 /156 /- Wind reactions based on MWFRS B Brg Width = 0-3-8 Min Req = 0-1-8 F Brg Width = - Min Req = - Bearing B is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 48 0 C - D 38 -78 B - C 146 -615 D - E 0 -3

Maximum Bot Chord Forces Per Ply (lbs)			
Chords	Tens.Comp.	Chords	Tens. Comp.
B - H	523 -281	G - F	0 0
H - G	518 -281		
Maximum Web Forces Per Ply (lbs)			
Webs	Tens.Comp.	Webs	Tens. Comp.
H - C	230 -6	D - G	143 -127
C - G	304 -563		

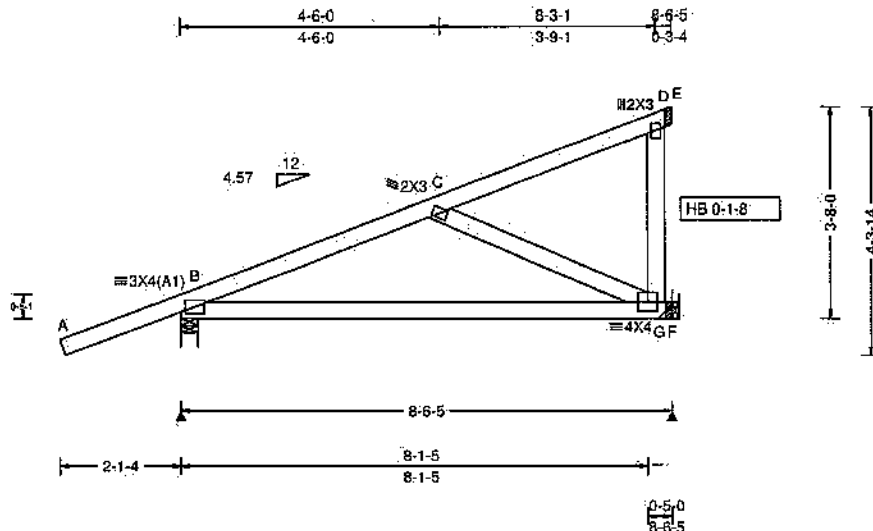
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SEQN: 72671 / T9 / JACK FROM: REF	Ply: 1 Qty: 4 Wgt: 43.4 lbs	Truss Label: e3	DRW: / ... 07/13/2022
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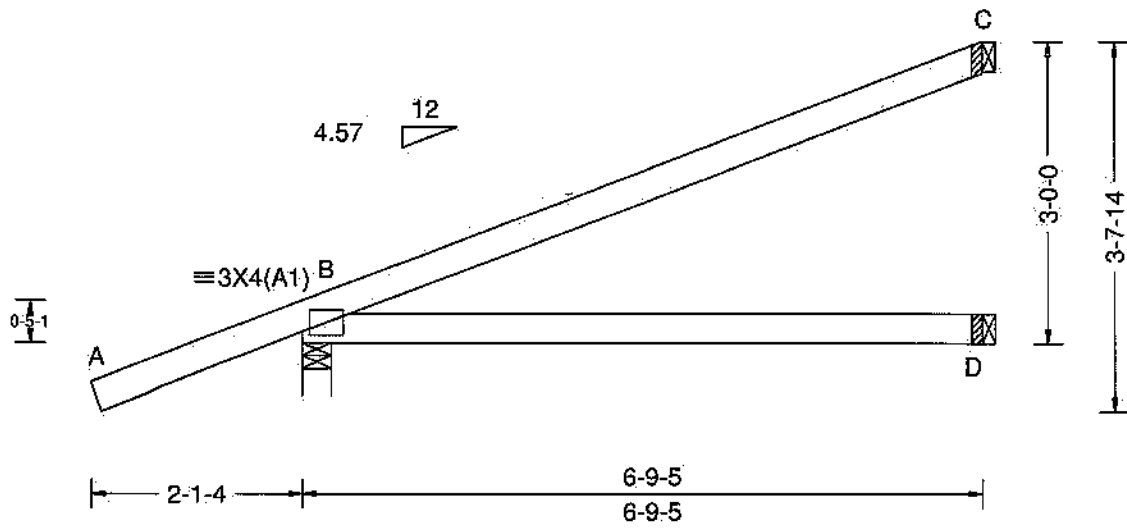


Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg.Pf in PSF)	Def/CSI Criteria	Maximum Reactions (lbs)
TCLL: 20.00 TCCL: 10.00 BCLL: 0.00 BCCL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 150 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCCL: 5.0 psf BCCL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpl: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Cs: NA Snow Duration: NA Building Code: IBC 2012 TPI Std: 2007 Rep Fac: Yes /RT/PT:10(0)/5(5)/3(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.009 G 999 240 VERT(TL): 0.027 G 999 240 HORZ(LL): 0.006 G - - HORZ(TL): 0.015 G - - Creep Factor: 1.5 Max TC CSI: 0.371 Max BC CSI: 0.440 Max Web CSI: 0.137 Mfg Specified Camber: VIEW Ver: 21.01.01:0429:14	Gravity Non-Gravity Loc. R+ / R- / Rh / Rw / U / RL B 507 - / - /358 /154 /154 F 322 - / - /201 /126 /- Wind reactions based on MWFRS B Brg Width = 0-3-8 Min Req = 0-1-8 F Brg Width = - Min Req = - Bearing B is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 48 0 C - D 23 -84 B - C 130 -410 D - E 0 -3

Maximum Bot Chord Forces Per Ply (lbs)				
Chords	Tens.	Comp.	Chords	Tens. Comp.
B - G	347	-250	G - F	0 0

Maximum Web Forces Per Ply (lbs)				
Webs	Tens.	Comp.	Webs	Tens. Comp.
C - G	271	-369	D - G	144 -102

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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/dell L/#	GravityNon-Gravity
TCDL: 10.00	Speed: 150 mph	Pf: NA Ce: NA	VERT(LL): NA	Loc. R+ / R- / Rh / Rw / U / RL
BCLL: 0.00	Enclosure: Closed	Lr: NA Cs: NA	VERT(TL): NA	B 440 - / - /318 /138 /128
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.008 D - -	D 122 - / - /92 /6 -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.019 D - -	C 173 - / - /66 /90 -
NOBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 1.5	Wind reactions based on MWFRS
Soffit: 2.00	TCDL: 5.0 psf	IBC 2012	Max TC CSI: 0.450	B Brg Width = 0-3-8 Min Req = 0-1-8
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2007	Max BC CSI: 0.337	D Brg Width = 0-1-8 Min Req = -
Spacing: 24.0"	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes	Max Web CSI: 0.000	C Brg Width = 0-1-8 Min Req = -
	C&C Dist a: 3.00 ft	FT/RT/PT: 10(0)/5(5)/3(0)	Mfg Specified Camber:	Bearing B is a rigid surface.
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	VIEW Ver: 21.01.01.0429.14	Maximum Top Chord Forces Per Ply (lbs)
	GCpf: 0.18	WAVE		Chords Tens.Comp. Chords Tens. Comp.
	Wind Duration: 1.60			

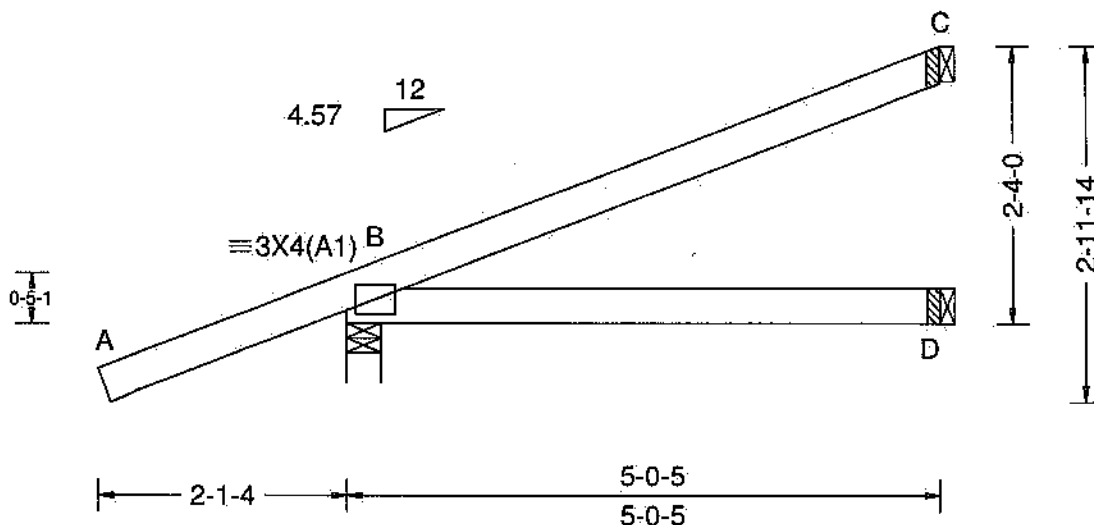


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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs):
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	GravityNon-Gravity
TCDL: 10.00	Speed: 150 mph	Pf: NA Ce: NA	VERT(LL): NA	Loc R+ / R- / Rh / Rw / U / RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(TL): NA	B 378 -/- -/- /280 /124 /103
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.003 D - -	D 87 -/- -/- /71 /5 -/-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.006 D - -	C 119 -/- -/- /40 /63 -/-
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 1.5	Wind reactions based on MWFRS
Soffit: 2.00	TCDL: 5.0 psf	IBC 2012	Max TC CSI: 0.288	B Brg Width = 0-3-8 Min Req = 0-1-8
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2007	Max BC CSI: 0.164	D Brg Width = 0-1-8 Min Req = -
Spacing: 24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes	Max Web CSI: 0.000	C Brg Width = 0-1-8 Min Req = -
	C&C Dist at: 3.00 ft	FY/RT/PT:10(0)/5(5)/3(0)	Mfg Specified Camber:	Bearing B is a rigid surface.
	Loc. from endwall: not in 4.50 ft	Plate Type(s):	VIEW Ver: 21.01.01.0429.14	Maximum Top Chord Forces Per Ply (lbs)
	GCpi: 0.18	WAVE		Chords Tens.Comp. Chords Tens. Comp.
	Wind Duration: 1.60			



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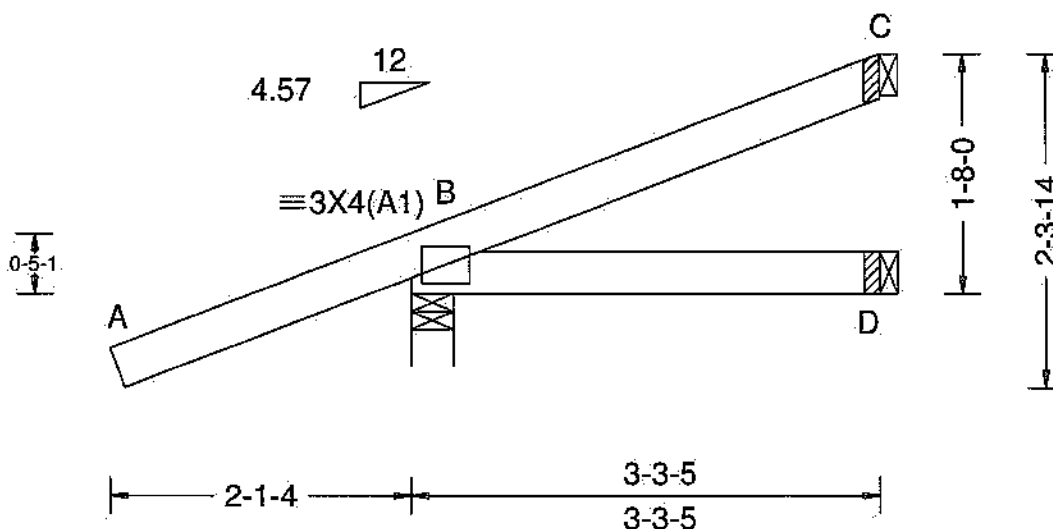
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SEON: 72669 / T12 / JACK
FROM: REF

Ply: 1
Qty: 4
Wgt: 14.0 lbs
Truss Label: e6

DRW: ... F ...
07/13/2022



Loading Criteria (psf)		Wind Criteria		Snow Criteria (Pg,Pt in PSF)		Defl/CSI Criteria		▲ Maximum Reactions (lbs)						
TOLL:	20.00	Wind Std:	ASCE 7-10	Pg: NA	Ct: NA	CAT: NA	PP Deflection in loc L/defl L#	Gravity			Non-Gravity			
TCDL:	10.00	Speed:	150 mph	Pt: NA	Ce: NA		VERT(LL): NA	Loc.	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
BCLL:	0.00	Enclosure:	Closed	Lu: NA	Cs: NA		VERT(TL): NA	B	325	-	-	/252	/119	/77
BCDL:	10.00	Risk Category:	II	Snow Duration:	NA		HORZ(LL): 0.002 D	D	52	-	-	/51	/11	-
Des Ld:	40.00	EXP: C	Kzt: NA				HORZ(TL): 0.003 D	C	57	-	-	/25	/31	-
NCBCLL:	10.00	Mean Height:	15.00 ft	Building Code:			Creep Factor:	Wind reactions based on MWFRS						
Soffit:	2.00	TCDL:	5.0 psf	IBC 2012			Max TC CSI:	B	Brg Width = 0-3-8					Min Req = 0-1-8
Load Duration:	1.25	BCDL:	5.0 psf	TPI Std:	2007		Max BC CSI:	D	Brg Width = 0-1-8					Min Req = -
Spacing:	24.0 "	MWFRS Parallel Dist:	0 to h/2	Rep Fac:	Yes		Max Web CSI:	C	Brg Width = 0-1-8					Min Req = -
		C&C Dist at:	3.00 ft	FT/RT/PT:	10(0)/5(5)/3(0)		Mfg Specified Camber:	Bearing B is a rigid surface.						
		Loc. from endwall:	not in 4.50 ft	Plate Type(s):			VIEW Ver:	Maximum Top Chord Forces Per Ply (lbs)						
		GCPi:	0.18	WAVE			21.01.01.0429.14	Chords	Tens.	Comp.	Chords	Tens.	Comp.	
		Wind Duration:	1.60					A - B	48	0	B - C	20	-53	
								Maximum Bot Chord Forces Per Ply (lbs)						
								Chords	Tens.	Comp.				
								B - D	0	0				



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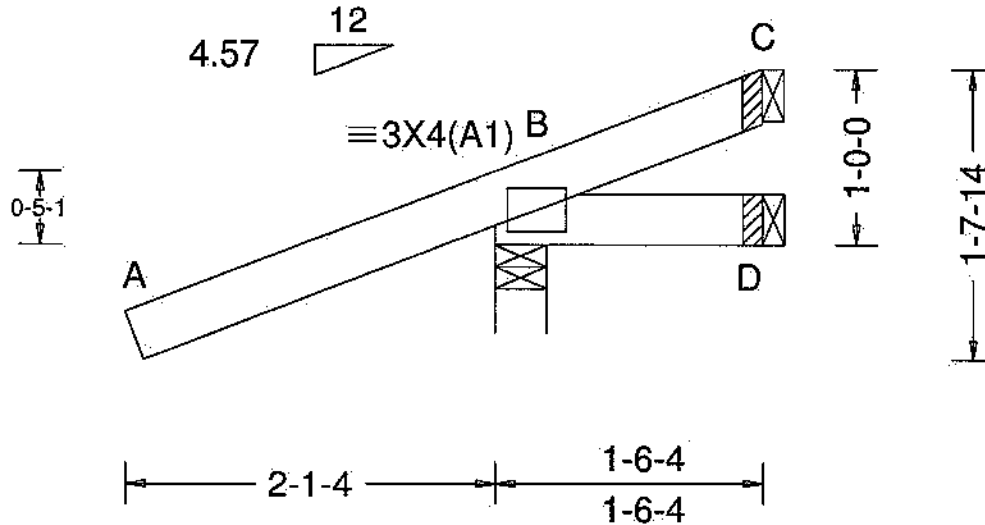
SEQN: 72672 / T13 / JACK
FROM: REF

Ply: 1
Qty: 4
Wgt: 8.4 lbs

Truss Label: e7

DRW:

07/13/2022



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 150 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist at: 3.00 ft
Loc. from endwall: Any
GCpf: 0.18
Wind Duration: 1.60

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

Building Code:
IBC 2012
TPI Std: 2007
Rep Fac: Yes
FT/RT/PT: 10(0)/5(5)/3(0)
Plate Type(s):
WAVE

Defl/CSI Criteria
PP Deflection in loc L/def: L/#
VERT(LL): NA
VERT(TL): NA
HORZ(LL): 0.001 D - -
HORZ(TL): -0.002 D - -
Creep Factor: 1.5
Max TC CSI: 0.503
Max BC CSI: 0.101
Max Web CSI: 0.000
Mfg Specified Camber:

VIEW Ver: 21.01.01.0429.14

▲ Maximum Reactions (lbs)

Loc	R+	Gravity		Non-Gravity		
		/ R-	/ Rf	/ Rw	/ U	/ RL
B	318	-	-	/266	/161	/52
D	13	/-17	-	/35	/24	-
C	-	/-42	-	/52	/60	-

Wind reactions based on MWFRS

B Brg Width = 0-3-8 Min Req = 0-1-8

D Brg Width = 0-1-8 Min Req = -

C Brg Width = 0-1-8 Min Req = -

Bearing B is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	48	0	B - C	63	-39

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - D	0	0

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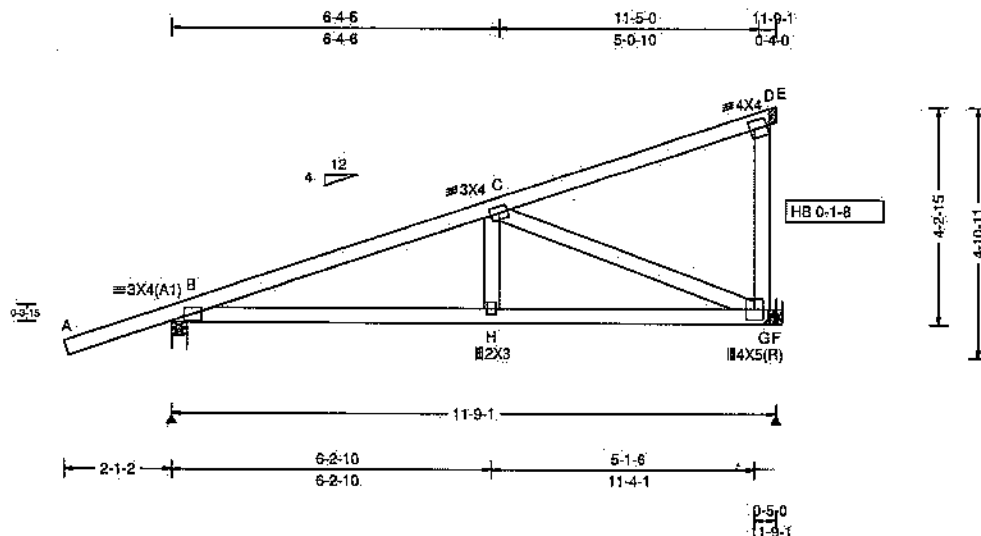
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SEQN: 72668 / T2 / JACK
FROM: REF

Ply: 1
Qty: 4
Wgt: 56.0 lbs
Truss Label: s2

DRW: 07/13/2022



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0"

Wind Criteria
Wind Std: ASCE 7-10
Speed: 150 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 12.0 ft
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg.Pt in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lr: NA Cs: NA
Snow Duration: NA

Building Code:
IBC 2012
TPI Std: 2007
Rep Fac: Yes
FT/RT/PT: 10(0)/5(5)/3(0)
Plate Type(s):
WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): 0.020 H 999 240
VERT(TL): 0.048 H 999 240
HORZ(LL): 0.006 G - -
HORZ(TL): 0.014 G - -
Creep Factor: 1.5
Max TC CSI: 0.277
Max BC CSI: 0.329
Max Web CSI: 0.419
Mfg Specified Camber:

VIEW Ver: 21.01.01.0429.14

Maximum Reactions (lbs)

Loc	Gravity			Non-Gravity		
	R+	/R-	/Rh	/Rw	/U	/RL
B	630	-	-	1462	1194	1176
F	457	-	-	1311	1173	-

Wind reactions based on MWFRS
B Brg Width = 0-3-8 Min Req = 0-1-8
F Brg Width = - Min Req = -
Bearing B is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	42	0	C - D	32	-72
B - C	225	-812	D - E	0	-2

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - H	725	-349	G - F	0	0
H - G	718	-349			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
H - C	270	-1	D - G	142	-136
C - G	370	-765			

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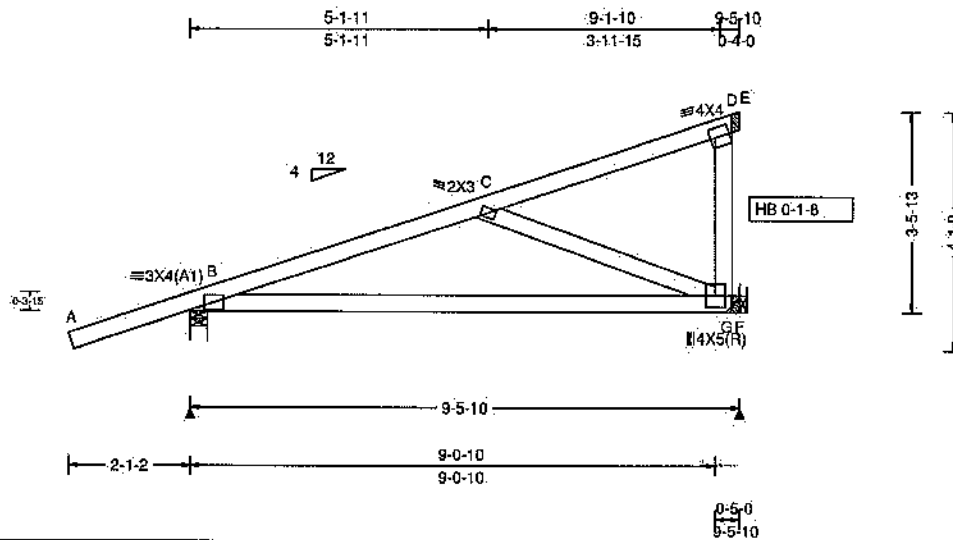
SEQN: 72677 / T4 / JACK
FROM: REF

Ply: 1
Qty: 4
Wgt: 44.8 lb

Truss Label: s3

DRW:

07/13/2022



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCCL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.25
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-10
Speed: 150 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9
GCpl: 0.18
Wind Duration: 1.60

Snow Criteria (Pg. P1 in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

Building Code:
IBC 2012
TPI Std: 2007
Rep Fac: Yes
FT/RT/PT: 10(0)/5(5)/3(0)
Plate Type(s):
WAVE

Defl/CSI Criteria
PP Deflection in Loc L/def L/#
VERT(LL): 0.023 G 999 240
VERT(TL): 0.072 G 999 240
HORZ(LL): 0.009 G - -
HORZ(TL): 0.027 G - -
Creep Factor: 1.5
Max TC CSI: 0.340
Max BC CSI: 0.522
Max Web CSI: 0.171
Mfg Specified Camber:

VIEW Ver: 21.01.01.0429.14

▲ Maximum Reactions (lbs)						
Gravity			Non-Gravity			
Loc	R+	/R-	/Rh	/Rw	/U	/RL
B	540	-/-	-	/403	/170	/145
F	361	-/-	-	/244	/136	-
Wind reactions based on MWFRS						
B	Brg Width = 0-3-8		Min Req = 0-1-8			
F	Brg Width = -		Min Req = -			
Bearing B is a rigid surface.						
Maximum Top Chord Forces Per Ply (lbs)						
Chords		Tens.	Comp.	Chords		Tens. Comp.
A - B	42	0	C - D	15	-80	
B - C	188	-522	D - E	0	-2	

Maximum Bot Chord Forces Per Ply (lbs)				
Chords	Tens.	Comp.	Chords	Tens. Comp.
B - G	468	-297	G - F	0 0

Maximum Web Forces Per Ply (lbs)			
Webs	Tens.	Comp.	Webs Tens. Comp.
C - G	315	-488	D - G 143 -101

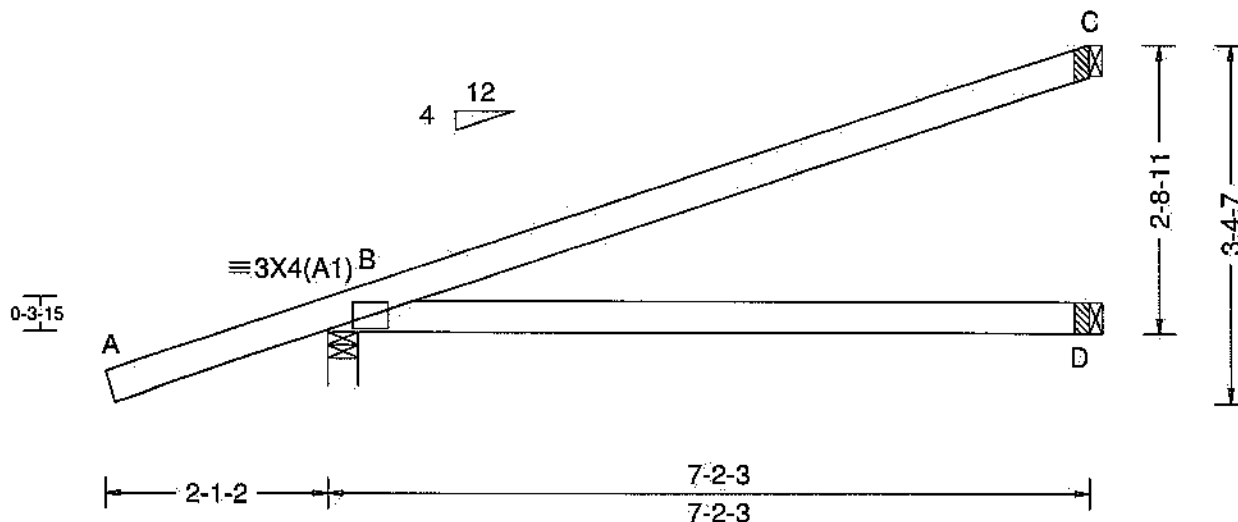
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SEQN: 72665 / T5 / JACK FROM: REF	Ply: 1 Qty: 4 Wgt: 25.2 lbs	Truss Label: s4	DRW: -- / -- 07/13/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCCL: 10.00 BCLL: 0.00 BCCL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0"	Wind Std: ASCE 7-10 Speed: 150 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCCL: 5.0 psf BCCL: 5.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCp: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: IBC 2012 TPI Std: 2007 Rep Fac: Yes FT/RT/PT: 10(0)/5(5)/3(0) Plate Type(s): WAVE	PP Deflection in loc L/def L/# VERT(LL): NA VERT(TL): NA HORZ(LL): 0.012 D - - HORZ(TL): 0.030 D - - Creep Factor: 1.5 Max TC CSI: 0.502 Max BC CSI: 0.372 Max Web CSI: 0.000 Mfg Specified Camber: VIEW Ver: 21.01.01.0429.14	Gravity Non-Gravity Loc. R+ / R- / Rh / Rw / U / RL B 453 /- /- /346 /148 /117 D 128 /- /- /93 /8 /- C 183 /- /- /84 /91 /- Wind reactions based on MWFRS B Brg Width = 0-3-8 Min Req = 0-1-8 D Brg Width = 0-1-8 Min Req = - C Brg Width = 0-1-8 Min Req = - Bearing B is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 42 0 B - C 58 -90 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. B - D 0 0



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

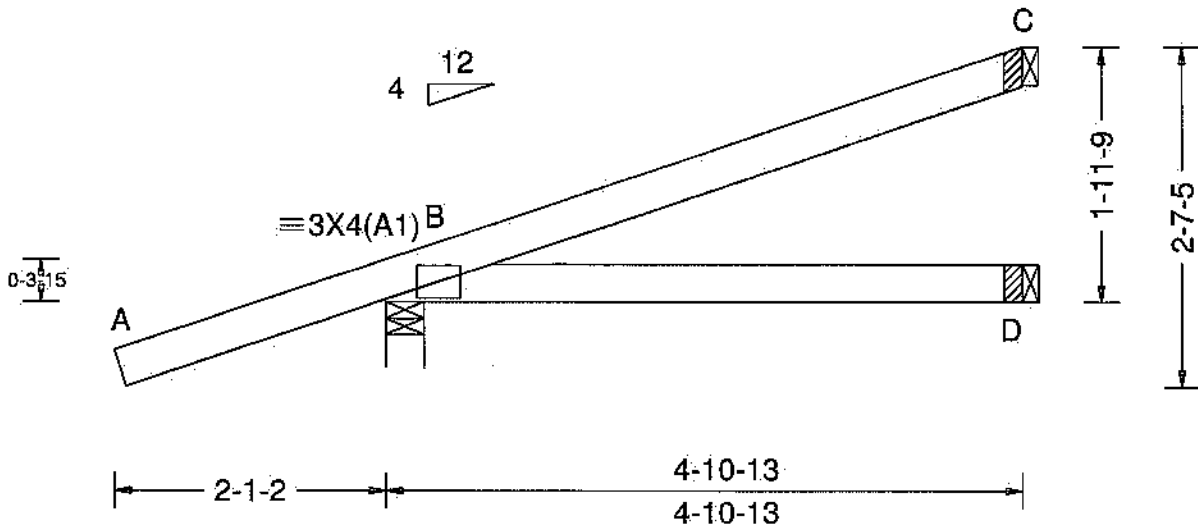
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SEQN: 72664 / T6 / JACK FROM: REF	Ply: 1 Qty: 4 Wgt: 18.2 lbs	Truss Label: s5	DRW: 07/13/2022
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg.Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCOL: 10.00 BCLL: 0.00 BCOL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 150 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCOL: 5.0 psf BCOL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpl: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: IBC 2012 TPI Std: 2007 Rep Fac: Yes FT/RT/PT: 10(0)/5(5)/3(0) Plate Type(s): WAVE	PP Deflection in Loc L/defl L/# VERT(LL): NA VERT(TL): NA HORZ(LL): 0.004 D - - HORZ(TL): 0.007 D - - Creep Factor: 1.5 Max TC CSI: 0.277 Max BC CSI: 0.145 Max Web CSI: 0.000 Mfg Specified Camber: VIEW Ver: 21.01.01.0429.14	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 371 /- /- /294 /134 /88 D 83 /- /- /68 /5 /- C 113 /- /- /47 /56 /- Wind reactions based on MWFRS B Brg Width = 0-3-8 Min Req = 0-1-8 D Brg Width = 0-1-8 Min Req = - C Brg Width = 0-1-8 Min Req = - Bearing B is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 42 0 B - C 36 -66 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. B - D 0 0



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

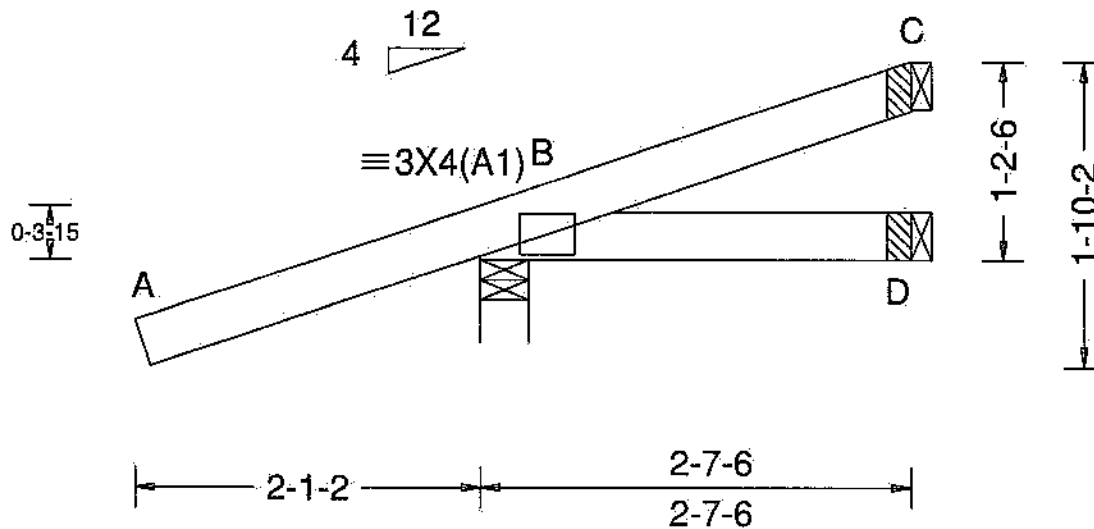
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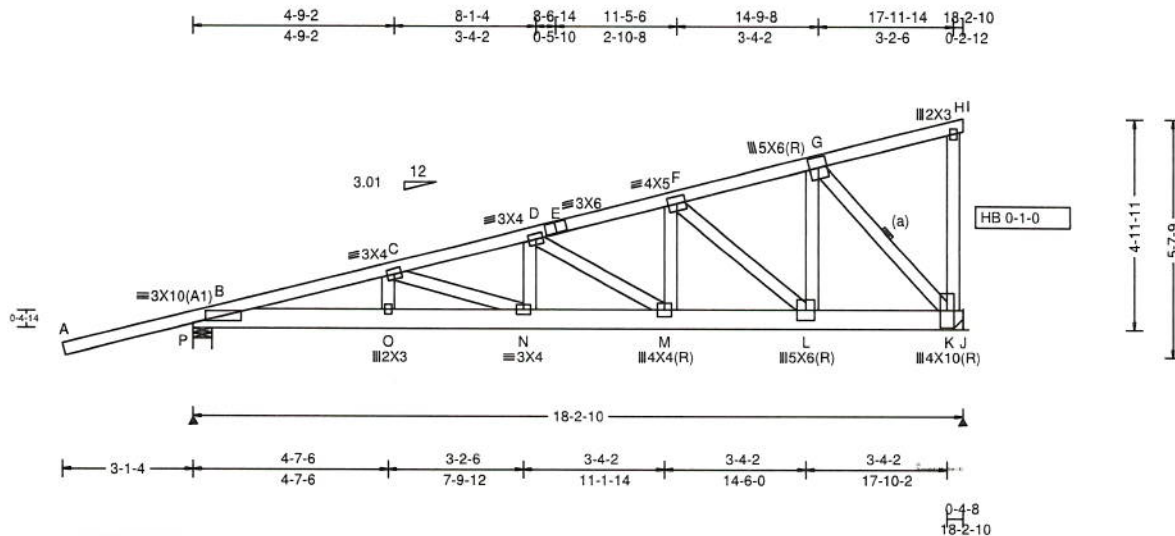
SEQN: 72676 / T7 / JACK FROM: REF	Ply: 1 Qty: 4 Wgt: 11.2 lbs	Truss Label: s6	DRW: ... / ... 07/13/2022
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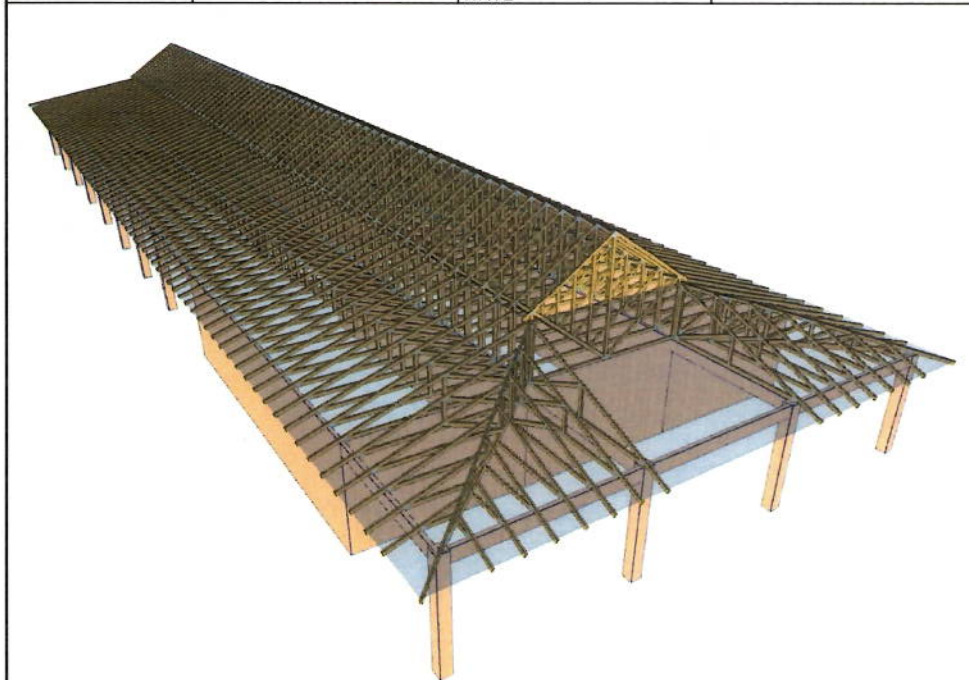
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg.Pr in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCCL: 10.00 BCLL: 0.00 BCCL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-10 Speed: 150 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCPI: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: IBC 2012 TPI Std: 2007 Rep Fac: Yes FT/RT/PT: 10(0)/5(5)/3(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(TL): NA HORZ(LL): 0.002 D - - HORZ(TL): 0.002 D - - Creep Factor: 1.5 Max TC CSI: 0.483 Max BC CSI: 0.125 Max Web CSI: 0.000 Mfg Specified Camber: VIEW Ver: 21.01.01.0429.14	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 309 - / - / - /261 /149 /59 D 34 - / - / - /46 /19 - C 31 - / - / - /24 /16 - Wind reactions based on MWFRS B Brg Width = 0-3-8 Min Req = 0-1-8 D Brg Width = 0-1-8 Min Req = - C Brg Width = 0-1-8 Min Req = - Bearing B is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 42 0 B - C 10 -38 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. B - D 0 0

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS
 Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 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 these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcindustry.com; ICC: iccsafe.org; AWC: awc.org

SEQN: 72710 / T17 / HIP_ FROM: REF	Ply: 1 Qty: 4 Wgt: 117.6 lbs	Truss Label: cg	DRW: ... / ...	07/13/2022
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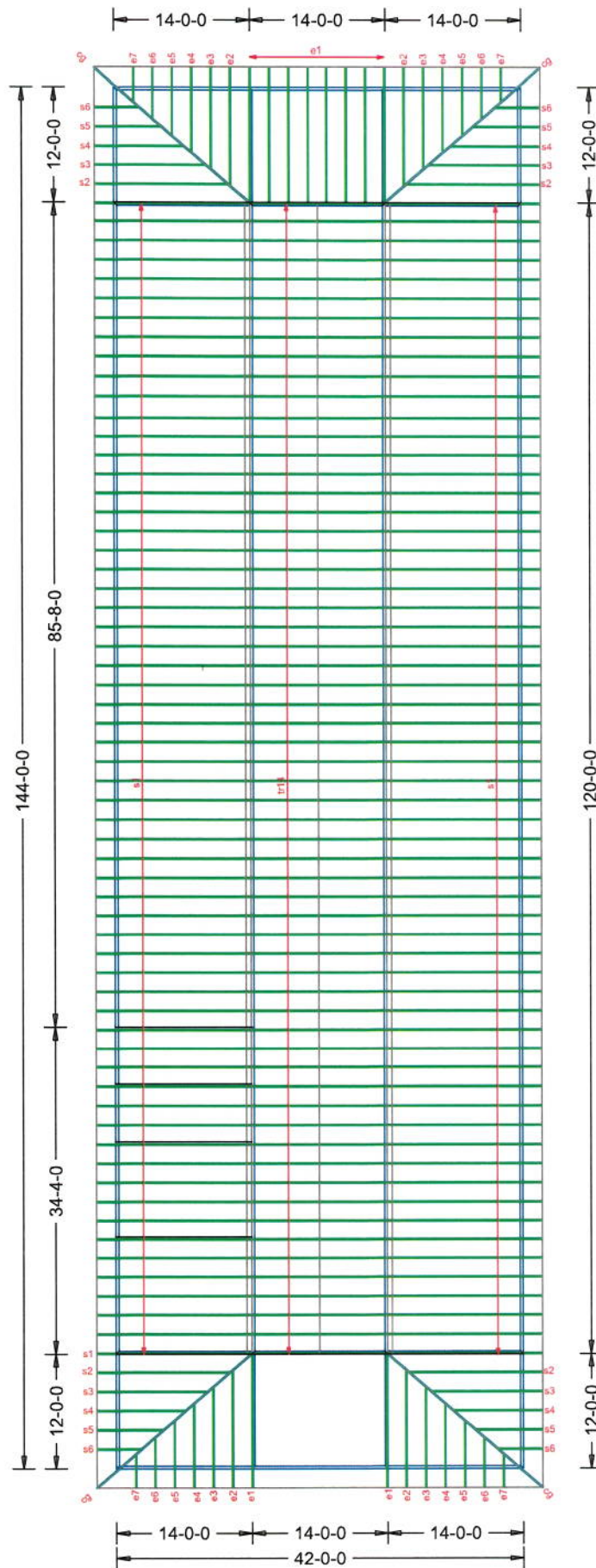
Loading Criteria (psf)		Wind Criteria		Snow Criteria (Pg,Pf in PSF)		Defl/CSI Criteria		▲ Maximum Reactions (lbs)								
TCLL:	20.00	Wind Std:	ASCE 7-10	Pg: NA	Ct: NA	CAT: NA	PP Deflection in loc L/defl L/#	Gravity			Non-Gravity					
TCDL:	10.00	Speed:	150 mph	Pf: NA		Ce: NA	VERT(LL): 0.171 N	999	240	Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
BCCL:	0.00	Enclosure:	Closed	Lu: NA	Cs: NA		VERT(TL): 0.422 N	511	240	P	1959	/-	/-	/-	/804	/-
BCDL:	10.00	Risk Category:	II	Snow Duration:	NA		HORZ(LL): -0.047 I	-	-	J	2425	/-	/0	/-	/874	/-
Des Ld:	40.00	EXP: C	Kzt: NA				HORZ(TL): -0.116 I	-	-	Wind reactions based on MWFRS						
NCBCL:	10.00	Mean Height:	10.00 ft				Creep Factor: 1.5			P	Brg Width = 0-5-5			Min Req = 0-2-5		
Soffit:	2.00	TCDL:	5.0 psf				Max TC CSI: 0.857			J	Brg Width = -			Min Req = -		
Load Duration:	1.25	BCDL:	5.0 psf				Max BC CSI: 0.927			Bearing P is a rigid surface.						
Spacing:	24.0 "	MWFRS Parallel Dist:	0 to h/2				Max Web CSI: 0.629			Maximum Top Chord Forces Per Ply (lbs)						
		C&C Dist a:	3.00 ft				Mfg Specified Camber:			Chords	Tens.Comp.	Chords	Tens. Comp.			
		Loc. from endwall:	not in 9.00 ft							A - B	48	-27	E - F	1380	-3875	
		GCpi:	0.18							B - C	1951	-5338	F - G	809	-2230	
		Wind Duration:	1.60													



Maximum Bot Chord Forces Per Ply (lbs)					
Chords	Tens.Comp.	Chords	Tens. Comp.		
B - O	5148 -1865	M - L	3574	-1270	
O - N	5160 -1875	L - K	1964	-710	
N - M	4885 -1726	K - J	0	0	

Maximum Web Forces Per Ply (lbs)			
Webs	Tens.Comp.	Webs	Tens. Comp.
O - C	104 -131	F - L	687 -1968
C - N	151 -230	L - G	2502 -852
N - D	489 -63	G - K	1057 -2924
D - M	506 -1429	H - K	55 -92
M - F	1368 -392		

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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JOB NO:

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WoodTruss

Qty	Span	Description	Truss	TC Slope BC Slope	TC Size BC Size	Heel-L Heel-R	OH - L OH - R	Cant-L Cant-R
61	14-00-00	tr14 106 lbs. each		8.00 0.00	2x4 2x4	05-08-00 05-08-00	00-06-00 00-06-00	00-00-00 00-00-00
182	14-00-00	s1 66 lbs. each		4.00 0.00	2x4 2x4	00-03-15 04-11-15	02-00-00 00-00-00	00-00-00 00-00-00
10	12-00-00	e1 59 lbs. each		4.57 0.00	2x4 2x4	00-05-01 04-11-14	02-00-00 00-00-00	00-00-00 00-00-00
4	10-03-05	e2 52 lbs. each		4.57 0.00	2x4 2x4	00-05-01 04-04-00	02-00-00 00-00-00	00-00-00 00-00-00
4	08-06-05	e3 43 lbs. each		4.57 0.00	2x4 2x4	00-05-01 03-08-00	02-00-00 00-00-00	00-00-00 00-00-00
4	06-09-05	e4 24 lbs. each		4.57 0.00	2x4 2x4	00-05-01 03-00-00	02-00-00 00-00-00	00-00-00 00-00-00
4	05-00-05	e5 20 lbs. each		4.57 0.00	2x4 2x4	00-05-01 02-04-00	02-00-00 00-00-00	00-00-00 00-00-00
4	03-03-05	e6 14 lbs. each		4.57 0.00	2x4 2x4	00-05-01 01-08-00	02-00-00 00-00-00	00-00-00 00-00-00
4	01-06-04	e7 8 lbs. each		4.57 0.00	2x4 2x4	00-05-01 01-00-00	02-00-00 00-00-00	00-00-00 00-00-00
4	11-09-01	s2 56 lbs. each		4.00 0.00	2x4 2x4	00-03-15 04-02-15	02-00-00 00-00-00	00-00-00 00-00-00
4	09-05-10	s3 45 lbs. each		4.00 0.00	2x4 2x4	00-03-15 03-05-13	02-00-00 00-00-00	00-00-00 00-00-00
4	07-02-03	s4 25 lbs. each		4.00 0.00	2x4 2x4	00-03-15 02-08-11	02-00-00 00-00-00	00-00-00 00-00-00
4	04-10-13	s5 18 lbs. each		4.00 0.00	2x4 2x4	00-03-15 01-11-09	02-00-00 00-00-00	00-00-00 00-00-00
4	02-07-06	s6 11 lbs. each		4.00 0.00	2x4 2x4	00-03-15 01-02-06	02-00-00 00-00-00	00-00-00 00-00-00
4	18-02-10	cg 118 lbs. each		3.01 0.00	2x4 2x6	00-04-14 04-11-11	03-00-06 00-00-00	00-00-00 00-00-00

NOTICE: We warn that trusses can cause property damage or personal injury if improperly installed or braced. Customer's or his agent's acceptance hereof shall constitute his affirmative representation that he is fully trained in the proper methods of truss installation and bracing. Please refer to "Guide for Handling, Installing, Restraining Bracing Trusses", BCSI-B1, published by SBCA and Truss Plate Institute, Inc. It is the customer's responsibility to provide access to the jobsite. Customer affirms that he has reviewed the provided truss design documents and assumes responsibility for the suitability of trusses for their intended purpose.

Accepted By _____

P.O. # _____

