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Site Information: Page 1:

Customer: W. B. Howland Company, Inc. Job Number: 20-4411

Job Description: Dicks Carport B&W

Address: FL

Job Engineering Criteria:						
Design Code: FBC 2017 RES	IntelliVIEW Version: 19.02.02B					
	JRef #: 1WXP2150004					
Wind Standard: ASCE 7-10 Wind Speed (mph): 130	Roof Load (psf): 20.00-10.00- 0.00-10.00					
Building Type: Closed	Floor Load (psf): None					

This package contains general notes pages, 14 truss drawing(s) and 0 detail(s).

Item	Drawing Number	Truss
1	223.20.1510.12157	A1
3	223.20.1510.15850	A3
5	223.20.1510.19307	A5
7	223.20.1510.22080	A7
9	223.20.1510.36953	B1
11	223.20.1510.43043	J1
13	223.20.1510.45887	J5

Item	Drawing Number	Truss
2	223.20.1510.14057	A2
4	223.20.1510.17383	A4
6	223.20.1510.20690	A6
8	223.20.1510.34663	A8
10	223.20.1510.41203	HJ1
12	223.20.1510.44617	J3
14	223.20.1510.48160	J7

General Notes

Truss Design Engineer Scope of Work, Design Assumptions and Design Responsibilities:

The design responsibilities assumed in the preparation of these design drawings are those specified in ANSI/TPI 1, Chapter 2; and the National Design Standard for Metal Plate Connected Wood Truss Construction, by the Truss Plate Institute. The truss component designs conform to the applicable provisions of ANSI/TPI 1 and NDS, the National Design Specification for Wood Construction by AWC. The truss component designs are based on the specified loading and dimension information furnished by others to the Truss Design Engineer. The Truss Design Engineer has no duty to independently verify the accuracy or completeness of the information provided by others and may rely on that information without liability. The responsibility for verification of that information remains with others neither employed nor controlled by the Truss Design Engineer. The Truss Design Engineer's seal and signature on the attached drawings, or cover page listing these drawings, indicates acceptance of professional engineering responsibility solely for the truss component designs and not for the technical information furnished by others which technical information and consequences thereof remain their sole responsibility.

The suitability and use of these drawings for any particular structure is the responsibility of the Building Designer in accordance with ANSI/TPI 1 Chapter 2. The Building Designer is responsible for determining that the dimensions and loads for each truss component match those required by the plans and by the actual use of the individual component, and for ascertaining that the loads shown on the drawings meet or exceed applicable building code requirements and any additional factors required in the particular application. Truss components using metal connector plates with integral teeth shall not be placed in environments that will cause the moisture content of the wood in which plates are embedded to exceed 19% and/or cause corrosion of connector plates and other metal fasteners.

The Truss Design Engineer shall not be responsible for items beyond the specific scope of the agreed contracted work set forth herein, including but not limited to: verifying the dimensions of the truss component, calculation of any of the truss component design loads, inspection of the truss components before or after installation, the design of temporary or permanent bracing and their attachment required in the roof and/or floor systems, the design of diaphragms or shear walls, the design of load transfer connections to and from diaphragms and shear walls, the design of load transfer to the foundation, the design of connections for truss components to their bearing supports, the design of the bearing supports, installation of the truss components, observation of the truss component installation process, review of truss assembly procedures, sequencing of the truss component installation, construction means and methods, site and/or worker safety in the installation of the truss components and/or its connections.

This document may be a high quality facsimile of the original engineering document which is a digitally signed electronic file with third party authentication. A wet or embossed seal copy of this engineering document is available upon request.

Temporary Lateral Restraint and Bracing:

Temporary lateral restraint and diagonal bracing shall be installed according to the provisions of BCSI chapters B1, B2, B7 and/or B10 (Building Component Safety Information, by TPI and SBCA), or as specified by the Building Designer or other Registered Design Professional. The required locations for lateral restraint and/or bracing depicted on these drawings are only for the permanent lateral support of the truss members to reduce buckling lengths, and do not apply to and may not be relied upon for the temporary stability of the truss components during their installation.

Permanent Lateral Restraint and Bracing:

The required locations for lateral restraint or bracing depicted on these drawings are for the permanent lateral support of the truss members to reduce buckling lengths. Permanent lateral support shall be installed according to the provisions of BCSI chapters B3, B7 and/or B10, or as specified by the Building Designer or other Registered Design Professional. These drawings do not depict or specify installation/erection bracing, wind bracing, portal bracing or similar building stability bracing which are parts of the overall building design to be specified, designed and detailed by the Building Designer.

Connector Plate Information:

Alpine connector plates are made of ASTM A653 or ASTM A1063 galvanized steel with the following designations, gauges and grades: W=Wave, 20ga, grade 40; H=High Strength, 20ga, grade 60; S=Super Strength, 18ga, grade 60. Information on model code compliance is contained in the ICC Evaluation Service report ESR-1118, available on-line at www.icc-es.org.

Fire Retardant Treated Lumber:

Fire retardant treated lumber must be properly re-dried and maintained below 19% or less moisture level through all stages of construction and usage. Fire retardant treated lumber may be more brittle than untreated lumber. Special handling care must be taken to prevent breakage during all handling activities.

General Notes (continued)

Key to Terms:

Information provided on drawings reflects a summary of the pertinent information required for the truss design. Detailed information on load cases, reactions, member lengths, forces and members requiring permanent lateral support may be found in calculation sheets available upon written request.

BCDL = Bottom Chord standard design Dead Load in pounds per square foot.

BCLL = Bottom Chord standard design Live Load in pounds per square foot.

CL = Certified lumber.

Des Ld = total of TCLL, TCDL, BCLL and BCDL Design Load in pounds per square foot.

FRT = Fire Retardant Treated lumber.

FRT-DB = D-Blaze Fire Retardant Treated lumber.

FRT-DC = Dricon Fire Retardant Treated lumber.

FRT-FP = FirePRO Fire Retardant Treated lumber.

FRT-FL = FlamePRO Fire Retardant Treated lumber.

FRT-FT = FlameTech Fire Retardant Treated lumber.

FRT-PG = PYRO-GUARD Fire Retardant Treated lumber.

g = green lumber.

HORZ(LL) = maximum Horizontal panel point deflection due to Live Load, in inches.

HORZ(TL) = maximum Horizontal panel point long term deflection in inches, due to Total Load, including creep adjustment.

HPL = additional Horizontal Load added to a truss Piece in pounds per linear foot or pounds.

Ic = Incised lumber.

FJ = Finger Jointed lumber.

L/# = user specified divisor for limiting span/deflection ratio for evaluation of actual L/defl value.

L/defl = ratio of Length between bearings, in inches, divided by the vertical Deflection due to creep, in inches, at the referenced panel point. Reported as 999 if greater than or equal to 999.

Loc = Location, starting location of left end of bearing or panel point (joint) location of deflection.

Max BC CSI = Maximum bending and axial Combined Stress Index for Bottom Chords for of all load cases.

Max TC CSI = Maximum bending and axial Combined Stress Index for Top Chords for of all load cases.

Max Web CSI= Maximum bending and axial Combined Stress Index for Webs for of all load cases.

NCBCLL = Non-Concurrent Bottom Chord design Live Load in pounds per square foot.

PL = additional Load applied at a user specified angle on a truss Piece in pounds per linear foot or pounds.

PLB = additional vertical load added to a Bottom chord Piece of a truss in pounds per linear foot or pounds

PLT = additional vertical load added to a Top chord Piece of a truss in pounds per linear foot or pounds.

PP = Panel Point.

R = maximum downward design Reaction, in pounds, from all specified gravity load cases, at the indicated location (Loc).

-R = maximum upward design Reaction, in pounds, from all specified gravity load cases, at the identified location (Loc).

Rh = maximum horizontal design Reaction in either direction, in pounds, from all specified gravity load cases, at the indicated location (Loc).

RL = maximum horizontal design Reaction in either direction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the indicated location (Loc).

Rw = maximum downward design Reaction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the identified location (Loc).

TCDL = Top Chord standard design Dead Load in pounds per square foot.

TCLL = Top Chord standard design Live Load in pounds per square foot.

U = maximum Upward design reaction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the indicated location (Loc).

VERT(CL) = maximum Vertical panel point deflection in inches due to Live Load and Creep Component of Dead Load in inches.

VERT(CTL) = maximum Vertical panel point deflection ratios due to Live Load and Creep Component of Dead Load, and maximum long term Vertical panel point deflection in inches due to Total load, including creep adjustment.

VERT(LL) = maximum Vertical panel point deflection in inches due to Live Load.

VERT(TL) = maximum Vertical panel point long term deflection in inches due to Total load, including creep adjustment. W = Width of non-hanger bearing, in inches.

Refer to ASCE-7 for Wind and Seismic abbreviations.

Uppercase Acronyms not explained above are as defined in TPI 1.

References:

- 1. AWC: American Wood Council; 222 Catoctin Circle SE, Suite 201; Leesburg, VA 20175; www.awc.org.
- 2. ICC: International Code Council; www.iccsafe.org.
- 3. Alpine, a division of ITW Building Components Group Inc.: 13723 Riverport Drive, Suite 200, Maryland Heights, MO 63043; www.alpineitw.com.
- 4. TPI: Truss Plate Institute, 2670 Crain Highway, Suite 203, Waldorf, MD 20601; www.tpinst.org.
- 5. SBCA: Wood Truss Council of America, 6300 Enterprise Lane, Madison, WI 53719; www.sbcindustry.com.

SEQN: 354213 COMN Ply: 1 Job Number: 20-4411 Cust: R 215 JRef: 1WXP2150004 T5 FROM: CDM Dicks Carport B&W DrwNo: 223.20.1510.12157 Qty: 1 Truss Label: A1 / YK 08/10/2020 5'1"12 10'0"14 15' 19'11"2 24'10"4 30' 5'1"12 4'11"2 4'11"2 4'11"2 4'11"2 5'1"12 ∥4<u>¥</u>5 5<u>X</u>5 6'9"3 6*3 =6X8 ⊒3X4 =3X4 =4X4(B1) =4X4(B1) 30 7'7"5 7'4"11 7'4"11 7'7"5 - 2' --| 7'7"5 15' 22'4"11 30' ▲ Maximum Reactions (lbs) Gravity Non-Gravity

Loading Criteria (psf)	Wind Criteria	Snow C	riteria (Pg	,Pf in PSF)	Defl/CSI Criteria			▲ M	ах
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 Std: ASCE 7-10 Speed: 130 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 to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft GCpi: 0.18	Building FBC 201 TPI Std: Rep Fac	Cs: NA uration: NA Code: 7 RES 2014 : Yes 0(0)/10(0)	Ce: NA	PP Deflection in I VERT(LL): 0.138 VERT(CL): 0.276 HORZ(LL): 0.049 HORZ(TL): 0.098 Creep Factor: 2.0 Max TC CSI: 0.7 Max BC CSI: 0.4 Max Web CSI: 0.4	K 999 K 999 J - J -	240	H Win B H Bea Mer Max	13 13 d r Br Br iring nbe
	Wind Duration: 1.60	WAVE			VIEW Ver: 19.02.0)2B.0122	.15	B-(-
Lumber								D - I	

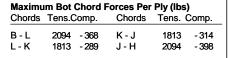
Loc R+ /Rh /Rw /U /RL В 1357 /-/781 /180 1357 /-/-/781 /-/53 Wind reactions based on MWFRS Min Req = 1.5 Brg Width = 3.5Brg Width = 3.5 Min Req = 1.5 Bearings B & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 428 - 1594 C - D 491 - 2151 F-G 490 - 2151

Top chord: 2x4 SP #2; Bot chord: 2x4 SP M-31; Webs: 2x4 SP #3;

Wind loads based on MWFRS with additional C&C member design.

Additional Notes

The overall height of this truss excluding overhang is



G-H

509 - 2355

427 - 1594

Maximum Web Forces Per Ply (lbs) Tens. Comp. Webs Tens.Comp. Webs D-K 171 - 531 K-F 170 - 531 885 - 191 E - K

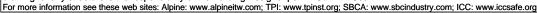


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WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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. Refer to job's General Notes page for additional information.





SEQN: 354208 COMN Ply: 1 Job Number: 20-4411 Cust: R 215 JRef: 1WXP2150004 T6 FROM: CDM Qty: 3 Dicks Carport B&W DrwNo: 223.20.1510.14057 Truss Label: A2 / YK 08/10/2020 5'1"12 10'0"14 15' 19'11"2 24'10"4 30' 5'1"12 4'11"2 4'11"2 4'11"2 4'11"2 5'1"12 ≡4X4 F **≥5**¥25 6'9"3 K ≡3X4 =6X8 I ≡3X4 =4X4(B1) 30

7'4"11

22'4"11

7'4"11

15'

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.135 J 999 240
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.273 J 999 180
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.046 I
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.092 I
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0
Soffit: 2.00	BCDL: 5.0 psf	FBC 2017 RES	Max TC CSI: 0.774
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.470
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.462
-	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)	
	GCpi: 0.18	Plate Type(s):	
	Wind Duration: 1.60	WAVE	VIEW Ver: 19.02.02B.0122.15

7'7"5

7'7"5

Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 1362 /-/781 /164 1220 /-/-/676 /-/36 Wind reactions based on MWFRS Brg Width = 3.5Min Rea = 1.5Brg Width = 3.5 Min Req = 1.5 Bearings B & H are a rigid surface. Members not listed have forces less than 375#

7'7"5

▲ Maximum Reactions (lbs)

Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 446 - 1605

C-D 508 - 2163 F-G 541 - 2196 D-E 433 - 1606 G-H 574 - 2412

Lumber

Wind loads based on MWFRS with additional C&C member design.

Additional Notes

Top chord: 2x4 SP #2; Bot chord: 2x4 SP M-31;

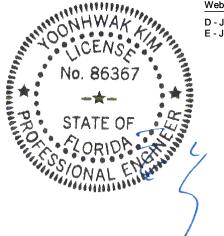
Webs: 2x4 SP #3;

The overall height of this truss excluding overhang is

Maximum Bot Chord Forces Per Ply (lbs) Tens. Comp. Chords Tens.Comp. Chords B - K 2105 - 438 J - I 1835 - 349 1824 - 356 I-H K-J 2155 - 472

Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. D - J 169 - 531 J - F 174 - 547

893 - 203



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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.



SEQN: 360321 HIPS Ply: 1 Job Number: 20-4411 Cust: R 215 JRef: 1WXP2150004 T4 FROM: CDM Qty: 1 Dicks Carport B&W DrwNo: 223.20.1510.15850 Truss Label: A3 / YK 08/10/2020 6'7"5 13' 23'4"11 30' 6'7"5 6'4"11 6'4"11 6'7"5 ≡5X6 D #4¥5 [≥]5X5 5'11"3 ...99 M ∥2X4 K ≡3X5 ≡3X4 | ||2X4 =4X4(B1) =4X4(B1) 30 6'7"5 6'4"11 6'4"11 6'7"5 - 2' ---23'4"11 17 6'7"5 13' 30

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.132 L 999 240	
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.264 L 999 180	
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.049 I	
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.097 I	l
NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft Loc. from endwall: not in 9.00 ft	Building Code: FBC 2017 RES TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	Creep Factor: 2.0 Max TC CSI: 0.767 Max BC CSI: 0.458 Max Web CSI: 0.525	
	GCpi: 0.18	Plate Type(s):		4
	Wind Duration: 1.60	WAVE	VIEW Ver: 19.02.02B.0122.15	
Lumber				

▲ Maxi	▲ Maximum Reactions (lbs)						
	Gravity	'	N	on-Gra	vity		
Loc R	+ /R-	/ Rh	/ Rw	/ U	/ RL		
B 13	54 /-	/-	/784	/69	/161		
G 13	54 /-	/-	/784	/69	/-		
Wind re	eactions	based on	MWFRS				
B Br	g Width	= 3.5	Min Re	eq = 1.5	5		
G Br	g Width	= 3.5	Min Re	q = 1.5	5		
Bearing	gs B & G	are a rigi	d surface.	-			
Membe	ers not lis	sted have	forces les	s than :	375#		
Maxim	um Top	Chord Fo	orces Per	Ply (lb	s)		
		Comp.					
в-с	556	- 2326	E-F	488	- 1784		
C-D	491	- 1791	F-G	554	- 2327		
D-E	492	- 1585					

Maximum Bot Chord Forces Per Ply (lbs)

Chords

J - E

J-F

-65

- 536

161

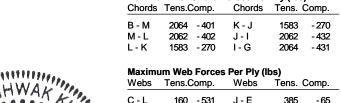
Top chord: 2x4 SP #2; Bot chord: 2x4 SP M-31; Webs: 2x4 SP #3;

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C

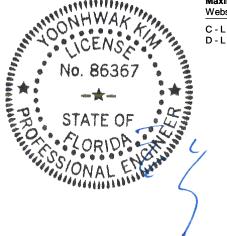
Additional Notes

The overall height of this truss excluding overhang is



160 - 531

382 - 57



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SEQN: 360324 HIPS Ply: 1 Job Number: 20-4411 Cust: R 215 JRef: 1WXP2150004 T8 FROM: CDM Qty: 1 Dicks Carport B&W DrwNo: 223.20.1510.17383 Truss Label: A4 / YK 08/10/2020 6'7"5 13 23'4"11 30 6'7"5 6'4"11 6'4"11 6'7"5 **≋3X4** 5X5 5'11"3 6'6"13 6"3 B2 L ∥2X4 __K ≡3X4 H ∥2X4 J ≡3X4 =3X8 =4X4(B1) =4X4(B1) 30 6'4"11 6'7"5 6'4"11 6'7"5 6'7"5 13' 17 23'4"11 30

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.137 I 999 240	١.
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.277 I 999 180	
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.053 H	
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.107 H	ľ
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	
Soffit: 2.00	BCDL: 5.0 psf	FBC 2017 RES	Max TC CSI: 0.770	
Load Duration: 1.25	MWFRS Parallel Dist: h to 2h	TPI Std: 2014	Max BC CSI: 0.993	
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.572	
' '	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		1
	Wind Duration: 1.60	WAVE	VIEW Ver: 19.02.02B.0122.15	l
Lumber				•

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL В 1359 /-/784 /145 1219 /-/680 /-/52 Wind reactions based on MWFRS Brg Width = 3.5В Min Rea = 1.5Brg Width = 3.5 Min Req = 1.5 Bearings B & G are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. 571 - 2339 509 - 1802

Lumber

Top chord: 2x4 SP #2;

Bot chord: 2x4 SP M-31; B2 2x4 SP #2;

Webs: 2x4 SP #3;

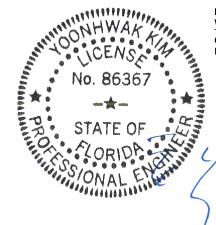
Purlins

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C

Additional Notes

The overall height of this truss excluding overhang is 5-11-3.



Maximum Bot Chord Forces Per Ply (lbs)

510 - 1805

496 - 1600

C-D

D-E

Chords	Tens.Comp.		Chords	Tens. (Jomp.	
B-L	2076	- 471	J - I	1596	- 331	
L-K	2074	- 472	I - H	2120	- 478	
K - J	1596	- 331	H-G	2123	- 478	

593 - 2385

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Co	omp.	Webs	Tens. (Comp.
C-K	156	- 530	I-E	388	- 84
D-K	382	- 57	I-F	182	- 584

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WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

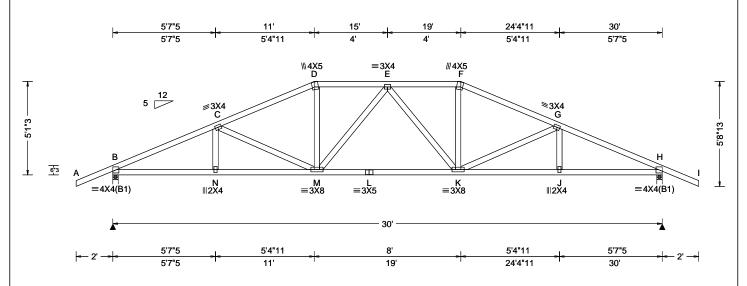
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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SEQN: 360316 HIPS Ply: 1 Job Number: 20-4411 Cust: R 215 JRef: 1WXP2150004 T3 FROM: CDM Qty: 1 Dicks Carport B&W DrwNo: 223.20.1510.19307 Truss Label: A5 / YK 08/10/2020



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	▲
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.137 E 999 240	Lo
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.274 E 999 180	В
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.048 J	Н
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.096 J	W
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	В
Soffit: 2.00	BCDL: 5.0 psf	FBC 2017 RES	Max TC CSI: 0.737	H
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.478	B
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.250	M
-	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		CI
	GCpi: 0.18	Plate Type(s):		<u> </u>
	Wind Duration: 1.60	WAVE	VIEW Ver: 19.02.02B.0122.15	B
Lumber				, C

▲ Maxim	▲ Maximum Reactions (lbs)						
	avity	-	Non-Gravity				
Loc R+	/ R-	/ Rh	/Rw	/ U	/ RL		
B 1357	/-	/-	/784	/255	/142		
H 1357	/-	/-	/784	/255	/-		
Wind rea	ctions base	ed on MV	VFRS				
B Brg \	Nidth = 3.5	5	Min Re	q = 1.5			
H Brg \	Nidth = 3.5	5	Min Re	q = 1.5			
Bearings	B & H are	a rigid su	ırface.	•			
Members	not listed	have for	es les	s than 3	375#		
Maximur	n Top Cho	ord Force	es Per	Ply (lb:	s)		
Chords Tens.Comp. Chords Tens. Comp.							
в-с	580 - 23	34 E-	F	532	- 1769		
J C - D	536 - 196	63 F-	G	535	- 1963		
D - E	533 - 170	69 G	- H	578	- 2334		

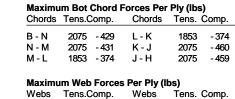
Top chord: 2x4 SP #2; Bot chord: 2x4 SP M-31; Webs: 2x4 SP #3;

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C

Additional Notes

The overall height of this truss excluding overhang is





D - M K-F 440 -73

FL REG# 278, Yoonhwak Kim, FL PE #86367 08/10/2020

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

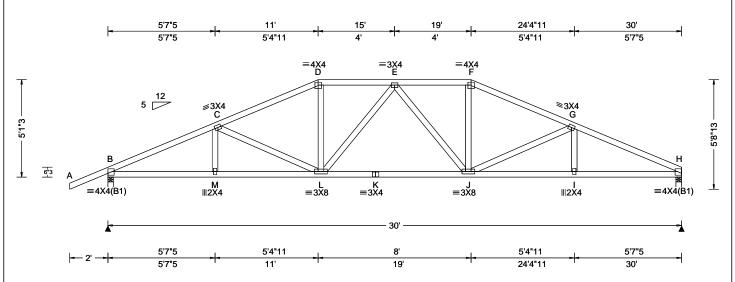
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SEQN: 360313 HIPS Ply: 1 Job Number: 20-4411 Cust: R 215 JRef: 1WXP2150004 T7 FROM: CDM Qty: 1 Dicks Carport B&W DrwNo: 223.20.1510.20690 Truss Label: A6 / YK 08/10/2020



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	•
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.134 E 999 240	ഥ
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.270 E 999 180	В
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.045 I	Н
Des Ld: 40.00	EXP: C Kzt: NA Mean Height: 15.00 ft		HORZ(TL): 0.092 I	W
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	В
Soffit: 2.00	BCDL: 5.0 psf	FBC 2017 RES	Max TC CSI: 0.739	H
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.480	B
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.284	M
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		c
	GCpi: 0.18	Plate Type(s):		ļ -
	Wind Duration: 1.60	WAVE	VIEW Ver: 19.02.02B.0122.15	B
Lumbor				

▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ /Rh /Rw /U /RL 1362 /-/784 /257 /126 1220 /-/-/679 /218 /-Wind reactions based on MWFRS Brg Width = 3.5Min Req = 1.5 Brg Width = 3.5 Min Req = 1.5 Bearings B & H are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C C - D 595 - 2345 555 - 1975 F-G 553 - 1983 D-E 550 - 1780 G-H 613 - 2393

Top chord: 2x4 SP #2; Bot chord: 2x4 SP M-31; Webs: 2x4 SP #3;

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C

Additional Notes

The overall height of this truss excluding overhang is



Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.		
B - M	2085	- 499	K-J	1868	- 423	
M - L	2085	- 500	J - I	2135	- 505	
L-K	1868	- 423	I-H	2136	- 504	

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp.		Webs	Tens. Comp.		
D-L	442		J - G	142	- 401

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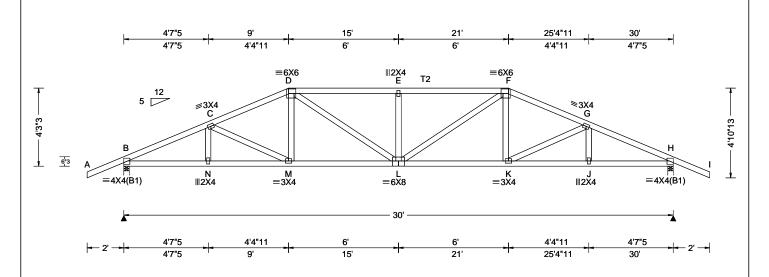
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SEQN: 354211 HIPS Ply: 1 Job Number: 20-4411 Cust: R 215 JRef: 1WXP2150004 T2 FROM: CDM Qty: 2 Dicks Carport B&W DrwNo: 223.20.1510.22080 Truss Label: A7 / YK 08/10/2020



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	4
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.141 E 999 240	L
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.281 E 999 180	Ιв
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.044 J	Н
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.088 J	٧
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	В
Soffit: 2.00	BCDL: 5.0 psf	FBC 2017 RES	Max TC CSI: 0.495	H
Load Duration: 1.25	MWFRS Parallel Dist: h/2 to h	TPI Std: 2014	Max BC CSI: 0.451	B
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.169	I N
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)		۳.
	GCpi: 0.18	Plate Type(s):		ļĕ
	Wind Duration: 1.60	WAVE	VIEW Ver: 19.02.02B.0122.15	B
Lumber				٠. ر

▲ Maxir	▲ Maximum Reactions (lbs)					
	Gravity		No	on-Grav	vity	
Loc R+	/ R-	/ Rh	/ Rw	/ U	/ RL	
B 135	7 /-	/-	/780	/257	/124	
H 135	7 /-	/-	/780	/257	/-	
Wind re	actions b	ased on	MWFRS			
B Brg	Width =	3.5	Min Re	q = 1.5	5	
H Brg	Width =	3.5	Min Reg = 1.5			
Bearing	sB&Ha	re a rigio	d surface.	•		
Membei	s not list	ed have	forces les	s than 3	375#	
Maximu	ım Top C	hord Fo	rces Per	Ply (lb	s)	
Chords	Tens.Co	omp.	Chords	Tens.	Ćomp.	
B-C	593 -	2309	E-F	653	- 2297	
C-D		2125		585		
D-E	653 -		G-H	591	- 2309	

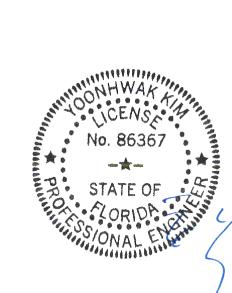
Top chord: 2x4 SP M-31; T2 2x4 SP #2; Bot chord: 2x4 SP M-31; Webs: 2x4 SP #3;

In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind loads based on MWFRS with additional C&C

Additional Notes

The overall height of this truss excluding overhang is 4-3-3.



Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.		Chords	Tens. Comp.			
B - N	2050	- 446	L-K	1928	- 419		
N - M	2051	- 448	K - J	2051	- 477		
M - L	1928	- 388	J - H	2050	- 476		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
D-L E-L	442 - 135 155 - 381	L-F	442 - 135

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WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

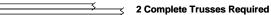
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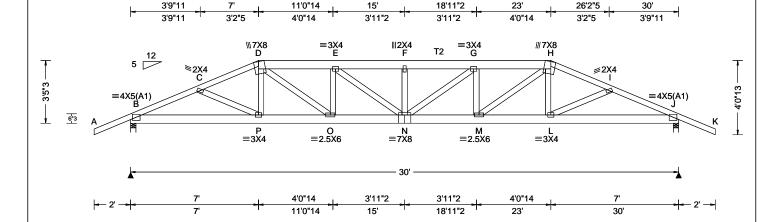
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SEQN: 354227 HIPS Ply: 2 Job Number: 20-4411 Cust: R 215 JRef: 1WXP2150004 T9 Dicks Carport B&W FROM: CDM Qty: 2 DrwNo: 223.20.1510.34663 Truss Label: A8 / YK 08/10/2020





Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA
TCDL: 10.00	Speed: 130 mph	Pf: NA
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA
BCDL: 10.00	Risk Category: II	Snow Duration: NA
Des Ld: 40.00	EXP: C Kzt: NA	
NCBCLL: 0.00	Mean Height: 15.00 ft	Building Code:
Soffit: 2.00	TCDL: 5.0 psf BCDL: 5.0 psf	FBC 2017 RES
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: No
	Loc. from endwall: not in 9.00 ft	FT/RT:20(0)/10(0)
	GCpi: 0.18	Plate Type(s):
	Wind Duration: 1.60	WAVE

,Pf in PSF) **Defl/CSI Criteria** PP Deflection in loc L/defl L/# CAT: NA Ce: NA VERT(LL): 0.150 F 999 240 VERT(CL): 0.300 F 999 180 Α HORZ(LL): 0.031 L HORZ(TL): 0.062 L Creep Factor: 2.0 Max TC CSI: 0.472 Max BC CSI: 0.292 Max Web CSI: 0.413 VIEW Ver: 19.02.02B.0122.15

Clavity				Non-Glavity			
Loc	R+	/ R-	/Rh	/ Rw	/ U	/ RL	
В	2829	/-	/-	/-	/588	/-	
J	2829	/-	/-	/-	/588	/-	
Win	d read	tions bas	sed on	MWFRS			
В	Brg V	Vidth = 3	.5	Min Re	q = 1.5		
J	Brg V	Vidth = 3	.5	Min Re	q = 1.5		
Bea	ırings l	B & J are	a rigid	surface.			
Mer	nbers	not listed	l have t	orces less	than 3	375#	
Max	cimum	Top Ch	ord Fo	rces Per	Ply (lb:	s)	
Cho	ords T	ens.Con	np.	Chords	Tens.	Ćomp.	
В-	С	597 - 29	900	F-G	758	- 3812	
」C -	D	576 - 28	393	G-H	706	- 3538	
D-	E	706 - 39	538	H - I	576	- 2893	
Е-	F	758 - 38	312	I - J	597	- 2900	

Non-Gravity

▲ Maximum Reactions (lbs)

Gravity

Lumber

Top chord: 2x4 SP #2; T2 2x6 SP 2400f-2.0E; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x4 SP #3;

Nailnote

Nail Schedule:0.131"x3", min. nails Top Chord: 1 Row @12.00" o.c. Bot Chord: 1 Row @12.00" o.c. :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 D	Our.Fac.=1.2	25)
TC: From	62 plf at	-2.00 to	62 plf at	7.00
TC: From	31 plf at	7.00 to	31 plf at	23.00
TC: From	62 plf at	23.00 to	62 plf at	32.00
BC: From	4 plf at	-2.00 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	7.03
BC: From	10 plf at	7.03 to	10 plf at	22.97
		22.97 to	20 plf at	30.00
BC: From	4 plf at		4 plf at	32.00
TC: 276 lb	Conc. Load	at 7.03,22	.97	
TC: 185 lb	Conc. Load	at 9.06,11	.06,13.06,1	5.00
16.94,18.94,2				
BC: 421 lb	Conc. Load	at 7.03,22	.97	
BC: 130 lb	Conc. Load	at 9.06,11	.06,13.06,1	5.00

16.94,18.94,20.94

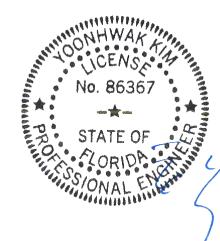
In lieu of structural panels use purlins to brace all flat TC @ 24" oc.

Wind

Wind loads and reactions based on MWFRS.

Additional Notes

The overall height of this truss excluding overhang is 3-5-3.



Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

B - P 3581 -718 2633 - 537 N - M P - O 2676 - 530 M - L 2676 - 530 O - N 3581 - 718 L-J 2633 - 537

Maximum Web Forces Per Ply (lbs) Tens.Comp. Webs Webs Tens. Comp. D - O 1085 - 221 G - M 131 - 451 0 - E 131 - 451 M - H 1085 - 221

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SEQN: 354203 COMN Ply: 1 Job Number: 20-4411 Cust: R 215 JRef: 1WXP2150004 T15 FROM: CDM Dicks Carport B&W DrwNo: 223.20.1510.36953 Qty: 14 Truss Label: B1 / YK 08/10/2020 10' 5' D F ∥2X4 =3X4(B1) =3X4(B1)

Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/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: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.013 F 999 240	Loc R+ /R- /Rh /Rw /U /RL
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.025 F 999 180	B 540 /- /- /337 /106 /86
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.005 F	D 540 /- /- /337 /106 /-
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.010 F	Wind reactions based on MWFRS
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	B Brg Width = 3.5 Min Req = 1.5
Soffit: 2.00	-	FBC 2017 RES	Max TC CSI: 0.425	D Brg Width = 3.5 Min Req = 1.5
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.226	Bearings B & D are a rigid surface.
	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI: 0.075	Members not listed have forces less than 375#
Spacing: 24.0 "	C&C Dist a: 3.00 ft		IVIAX VVED CSI. 0.075	Maximum Top Chord Forces Per Ply (lbs)
	Loc. from endwall: Any	FT/RT:20(0)/10(0)		Chords Tens.Comp. Chords Tens. Comp.
	GCpi: 0.18	Plate Type(s):		
	Wind Duration: 1.60	\\\	VIEW Ver: 10.02.02B.0122.15	IB-C 294 -496 C-D 295 -496

10'

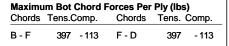
Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

Wind loads based on MWFRS with additional C&C member design.

Additional Notes

The overall height of this truss excluding overhang is





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SEQN: 354222 HIP_ Ply: 1 Job Number: 20-4411 Cust: R 215 JRef: 1WXP2150004 T14 FROM: CDM DrwNo: 223.20.1510.41203 Qty: 4 Dicks Carport B&W Truss Label: HJ1 / YK 08/10/2020 5'0"10 9'10"1 5'0"10 4'9"7 D ≢3X4 C В 6"3 葵 FE ≡4X4 G ∥2X4 \equiv 3X4(B1) 5'0"10 4'6"7 2'9"15

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: 130 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: not in 4.50 ft GCpi: 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: FBC 2017 RES TPI Std: 2014 Rep Fac: Varies by Ld Case FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.035 G 999 240 VERT(CL): 0.064 G 999 180 HORZ(LL):-0.008 D HORZ(TL): 0.015 D Creep Factor: 2.0 Max TC CSI: 0.673 Max BC CSI: 0.711	E E C C E E C E E N
Lumber	Wind Duration: 1.60	WAVE	VIEW Vei: 19.02.02B.0122.15	<u> </u>

5'0"10

▲ Maximum Reactions (lbs)

9'7"1

Gravity			Non-Gravity					
Loc	: R+	/ R-	/ Rh	/ Rw	/ U	/ RL		
В	385	/-	/-	/-	/284	/-		
E		/-	/-	/-	/78	/-		
D	90	/-	/-	/-	/17	/-		
Wii	Wind reactions based on MWFRS							
В	Brg \	Vidth =	4.2	Min Re	q = 1.5	;		
E Brg Width = 1.5 Min Req = -								
D Brg Width = 1.5 Min Req = -								
Bearing B is a rigid surface.								
Members not listed have forces less than 375#								
Maximum Top Chord Forces Per Ply (lbs)								
Ch	Chords Tens.Comp.							

B - C 285 - 635

Special Loads

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #3;

--(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) 0 plf at 2 plf at 0 plf at TC: From TC: From -2.83 to 0.00 to 61 plf at 0.00 2 plf at 9 84 BC: From -2.83 to 4 plf at 0.00 2 plf at 0.00 to BC: From 2 plf at -91 lb Conc. Load at 1.38 95 lb Conc. Load at 4.21 243 lb Conc. Load at 7.03 10 lb Conc. Load at 1.38 TC: TC: 100 lb Conc. Load at 4.21

Wind

Wind loads and reactions based on MWFRS.

180 lb Conc. Load at 7.03

Additional Notes

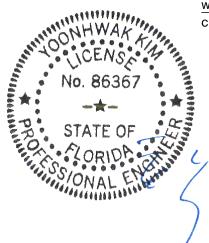
The overall height of this truss excluding overhang is 3-5-0.

Maximum Bot Chord Forces Per Ply (lbs)

	Tens.Comp.				
B - G	619 - 230	G-F	606 - 230		

Maximum Web Forces Per Ply (lbs)

Tens.Comp. Webs C-F 247 - 651



FL REG# 278, Yoonhwak Kim, FL PE #86367 08/10/2020

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

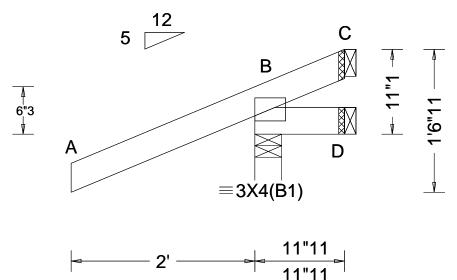
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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SEQN: 354209 **JACK** Ply: 1 Job Number: 20-4411 Cust: R 215 JRef: 1WXP2150004 T12 FROM: CDM DrwNo: 223.20.1510.43043 Qty: 8 Dicks Carport B&W Truss Label: J1 / YK 08/10/2020



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	DefI/CSI Criteria	
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	١.
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA	1
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): NA	П
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.001 C	П
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.002 C	ŀ
NCBCLL: 10.00	Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	1
Soffit: 2.00	BCDL: 5.0 psf	FBC 2017 RES	Max TC CSI: 0.519	H
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.064	Ľ
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.000	П
	Loc. from endwall: Any	FT/RT:20(0)/10(0)		ľ
	GCpi: 0.18	Plate Type(s):		1'
	Wind Duration: 1.60	WAVE	VIEW Ver: 19.02.02B.0122.15	
Laurelaur				-

▲ M	axim	um Read	ctions (I	bs)		
Gravity				Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
В	346	/-	/-	/261	/118	/35
D	5	/-21	/-	/19	/18	/-
С	-	/-113	/-	/58	/99	/-
Win	d read	ctions ba	sed on I	MWFRS		
В	Brg V	Vidth = 3	3.5	Min Re	q = 1.5	;
D	Brg V	Vidth = 1	.5	Min Re	q = -	
С	Brg V	Vidth = 1	.5	Min Re	q = -	
		is a rigi		e.	•	
Members not listed have forces less than 375#						
	5.0					- · J

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Wind loads based on MWFRS with additional C&C member design.

Additional Notes

The overall height of this truss excluding overhang is 0-11-1.



FL REG# 278, Yoonhwak Kim, FL PE #86367 08/10/2020

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

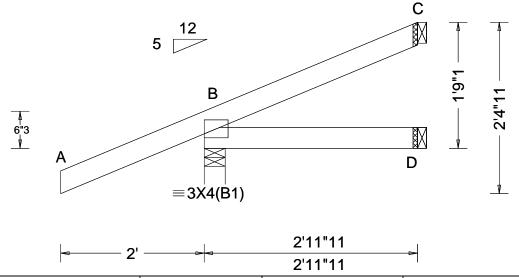
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SEQN: 354206 **JACK** Ply: 1 Job Number: 20-4411 Cust: R 215 JRef: 1WXP2150004 T11 FROM: CDM DrwNo: 223.20.1510.44617 Qty: 8 Dicks Carport B&W Truss Label: J3 / YK 08/10/2020



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	Pa: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Gravity Non-Gravity
TCDL: 10.00 Speed: 130 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(CL): NA	B 309 /- /- /219 /63 /59
BCDL: 10.00 Risk Category: II	Snow Duration: NA	HORZ(LL): 0.001 D	D 50 /- /- /40 /3 /-
Des Ld: 40.00 EXP: C Kzt: NA		HORZ(TL): 0.002 D	C 48 /- /- /23 /21 /-
NCBCLL: 10.00 Mean Height: 15.00 ft TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	Wind reactions based on MWFRS
Soffit: 2.00 BCDL: 5.0 psf	FBC 2017 RES	Max TC CSI: 0.553	B Brg Width = 3.5 Min Req = 1.5
Load Duration: 1.25 MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.108	D Brg Width = 1.5 Min Req = - C Brg Width = 1.5 Min Req = -
Spacing: 24.0 " C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.000	C Brg Width = 1.5 Min Req = - Bearing B is a rigid surface.
Loc. from endwall: Any	FT/RT:20(0)/10(0)		Members not listed have forces less than 375#
GCpi: 0.18	Plate Type(s):		Wichibold flot listed flave forces less than 575#
Wind Duration: 1.60	WAVE	VIEW Ver: 19.02.02B.0122.15	

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Wind loads based on MWFRS with additional C&C member design.

Additional Notes

The overall height of this truss excluding overhang is 1-9-1.



FL REG# 278, Yoonhwak Kim, FL PE #86367 08/10/2020

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

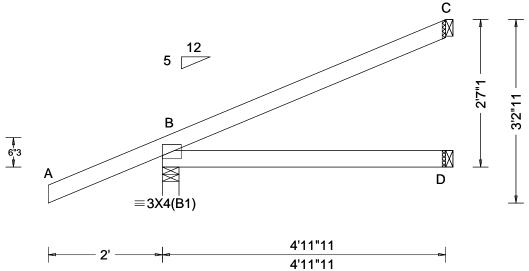
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SEQN: 354205 **JACK** Ply: 1 Job Number: 20-4411 Cust: R 215 JRef: 1WXP2150004 T10 FROM: CDM DrwNo: 223.20.1510.45887 Qty: 8 Dicks Carport B&W Truss Label: J5 / YK 08/10/2020



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (Ib	s)
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: 130 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(CL): NA	B 370 /- /-	/254 /65 /83
BCDL: 10.00	Risk Category: II EXP: C Kzt: NA	Snow Duration: NA	HORZ(LL): 0.002 D	D 90 /- /-	/64 /- /-
Des Ld: 40.00	Mean Height: 15.00 ft		HORZ(TL): 0.004 D	C 121 /- /-	/47 /45 /-
NCBCLL: 10.00	TCDL: 5.0 psf	Building Code:	Creep Factor: 2.0	Wind reactions based on M	
Soffit: 2.00	BCDL: 5.0 psf	FBC 2017 RES	Max TC CSI: 0.338	B Brg Width = 3.5	Min Req = 1.5
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max BC CSI: 0.251	D Brg Width = 1.5 C Bra Width = 1.5	Min Req = - Min Req = -
Spacing: 24.0 "	C&C Dist a: 3.00 ft	Rep Fac: Yes	Max Web CSI: 0.000	Bearing B is a rigid surface.	•
' '	Loc. from endwall: not in 4.50 ft	FT/RT:20(0)/10(0)		Members not listed have for	
	GCpi: 0.18	Plate Type(s):		Wichibers not listed have to	1003 1033 111411 07 0#
	Wind Duration: 1.60	WAVE	VIEW Ver: 19.02.02B.0122.15		

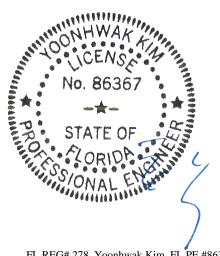
Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Wind loads based on MWFRS with additional C&C member design.

Additional Notes

The overall height of this truss excluding overhang is



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WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

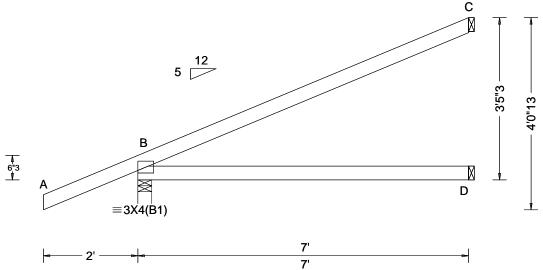
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SEQN: 354204 **EJAC** Ply: 1 Job Number: 20-4411 Cust: R 215 JRef: 1WXP2150004 T13 FROM: CDM DrwNo: 223.20.1510.48160 Qty: 18 Dicks Carport B&W Truss Label: J7 / YK 08/10/2020



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (Ib	s)
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 Std: ASCE 7-10 Speed: 130 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 9.00 ft GCpi: 0.18 Wind Duration: 1.60	, ,	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.009 D HORZ(TL): 0.017 D Creep Factor: 2.0 Max TC CSI: 0.709 Max BC CSI: 0.520 Max Web CSI: 0.000 VIEW Ver: 19.02.02B.0122.15	Gravity Loc R+ /R- /Rh B 444 /- /- D 130 /- /- C 185 /- /- Wind reactions based on M B Brg Width = 3.5 D Brg Width = 1.5 C Brg Width = 1.5 Bearing B is a rigid surface Members not listed have fo	Min Req = 1.5 Min Req = - Min Req = -

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;

Wind loads based on MWFRS with additional C&C member design.

Additional Notes

The overall height of this truss excluding overhang is 3-5-3.



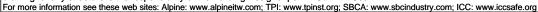
FL REG# 278, Yoonhwak Kim, FL PE #86367 08/10/2020

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Non-Gravity

/107

less than 375#