SEQN: 636331 SPEC Job Number: 21-5954 Cust: R 215 JRef: 1X9O2150001 T1 Ply: FROM: CDM Qtv: 3 Arata DrwNo: 288 21 0914 11353 Truss Label: B03 / YK 10/15/2021 5'3"13 15'0"3 10'2" 20'4" 5'3"13 4'10"3 5'3"13 4'10"3 ₩.2X4 4.5 ≡3X4 =5X5 =3X4(A1) 20'4" 6'11"3 6'5"10 6'11"3 6'11"3 13'4"13 20'4" Loading Criteria (psf) Wind Criteria Snow Criteria (Pg,Pf in PSF) Defl/CSI Criteria ▲ Maximum Reactions (lbs) Non-Gravity Wind Std: ASCE 7-16 Gravity TCLL: 20.00 Pg: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/# Speed: 130 mph Loc R+ /R-/Rh /Rw /U /RL TCDL: 10.00 Pf: NA Ce: NA VERT(LL): 0.039 H 999 240 Enclosure: Closed BCLL: 0.00 VERT(CL): 0.076 H 999 180 Lu: NA Cs: NA В 982 1-/563 /16 /177 Risk Category: II BCDL: 10.00 Snow Duration: NA HORZ(LL): 0.016 F 884 1-1-/486 EXP: C Kzt: NA Wind reactions based on MWFRS HORZ(TL): 0.032 F Des I d. 40.00 Mean Height: 15.00 ft Brg Width = 4.0 Min Req = 1.5 **Building Code:** Creep Factor: 2.0 **NCBCLL: 10.00** TCDL: 5.0 psf Brg Width = 4.0 Min Reg = 1.5 FBC 7th Ed. 2020 Res. Max TC CSI: 0.257 Soffit: 2.00 BCDL: 5.0 psf Bearings B & F are a rigid surface. TPI Std: 2014 Max BC CSI: 0.469 Load Duration: 1.25 MWFRS Parallel Dist: h to 2h Members not listed have forces less than 375# Rep Fac: Yes Max Web CSI: 0.188 Spacing: 24.0 " C&C Dist a: 3.00 ft Maximum Top Chord Forces Per Ply (lbs) FT/RT:20(0)/10(0) Loc. from endwall: not in 9.00 ft Chords Tens.Comp. Chords Tens. Comp. GCpi: 0.18 Plate Type(s): 294 - 1232 Wind Duration: 1.60 VIEW Ver: 21.01.01A.0521.20 WAVE

Lumber

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

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 6-3-7.

C-D

H-G

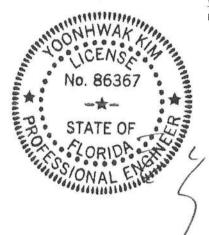
255 - 1365 D-E 289 - 1218 E-F 261 - 1378

Maximum Bot Chord Forces Per Ply (lbs) Tens. Comp. Chords Tens.Comp. Chords B-H 1112 - 151 G-F 1128 - 157

-31 Maximum Web Forces Per Ply (lbs)

760

Webs Webs Tens. Comp. Tens.Comp. H-D D-G 493



FL REG# 278, Yoonhwak Kim, FL PE #86367 10/15/2021

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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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.

6750 Forum Drive Suite 305 Orlando FL, 32821

SEQN: 634076 / GABL Job Number: 21-5954 Cust: R 215 JRef: 1X9O2150001 T44 / Ply: 1 FROM: CDM Qty: 1 Arata DrwNo: 288.21.0838.05495 Truss Label: C01 / YK 10/15/2021 2'10"4 9'1"12 11'5"15 3'1"12 2'4"3 3'1"12 2'4"3 =4X4 (TYP) 3X4 SC SC2 =3X4(C5) =2X4(C5) =3X4(C5) =2X4(C5) 12 (NNL) (NNL) Defl/CSI Criteria ▲ Maximum Reactions (lbs), or *=PLF Loading Criteria (psf) Wind Criteria Snow Criteria (Pg,Pf in PSF) Wind Std: ASCE 7-16 PP Deflection in loc L/defl L/# Gravity Non-Gravity Pa: NA Ct: NA CAT: NA Speed: 130 mph Loc R+ /R-/Rh /Rw /U /RL Pf: NA Ce: NA VERT(LL): 0.001 D 999 240

TCLL:	20.00	V
TCDL:	10.00	5
BCLL:	0.00	E
BCDL:	10.00	F
Des Ld	40.00	E
NCBCL	L: 10.00	T
Soffit:	2.00	É
Load D	uration: 1.25	N
Spacing	g: 24.0 "	C
1 × ×		L

Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft CDL: 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

Lu: NA Cs: NA Snow Duration: NA

Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

VERT(CL): 0.003 D 999 180 HORZ(LL): -0.001 D HORZ(TL): 0.001 H Creep Factor: 2.0 Max TC CSI: 0.141 Max BC CSI: 0.026 Max Web CSI: 0.033

VIEW Ver: 21.01.01A.0521.20

Q* 94 1-1-148 16 Wind reactions based on MWFRS Brg Width = 144 Min Reg = -Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2: Webs: 2x4 SP #3; Stack Chord: SC1 2x4 SP #2; Stack Chord: SC2 2x4 SP #2;

Plating Notes

All plates are 2X4 except as noted.

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

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS A14015ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" oc intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24' oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

The overall height of this truss excluding overhang is 3-6-4



FL REG# 278, Yoonhwak Kim, FL PE #86367 10/15/2021

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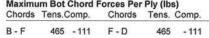
SEQN: 634074 / COMN Ply: 1 Job Number: 21-5954 Cust R 215 JRef: 1X9O2150001 T43 / FROM: CDM Qty: 2 DrwNo: 288.21.0838.05338 Truss Label: C02 / YK 10/15/2021 6 4.5 F ∥2X4 =2X4(A1) $\equiv 2X4(A1)$ 12 6 6' - 1'4" --1'4" -6 12 Wind Criteria Defl/CSI Criteria ▲ Maximum Reactions (lbs) Loading Criteria (psf) Snow Criteria (Pg,Pf in PSF) Wind Std: ASCE 7-16 Ct: NA CAT: NA PP Deflection in loc L/defl L/# Gravity Non-Gravity TCLL: 20.00 Pa: NA Speed: 130 mph /Rh /U /RL /Rw TCDL: 10.00 Pf: NA Ce: NA VERT(LL): 0.007 F 999 240 Enclosure: Closed Cs: NA VERT(CL): 0.014 F BCLL: 0.00 Lu: NA 999 180 В 567 1-/345 /97 /119 Risk Category: II BCDL: 10.00 Snow Duration: NA HORZ(LL): 0.004 B D 567 1-1-/345 /97 1-EXP: C Kzt: NA Wind reactions based on MWFRS HORZ(TL): 0.008 B Des Ld: 40.00 Mean Height: 15.00 ft Creep Factor: 2.0 Brg Width = 4.0 Min Req = 1.5 **Building Code:** NCBCLL: 10.00 TCDL: 5.0 psf Brg Width = 4.0 Min Req = 1.5 Max TC CSI: FBC 7th Ed. 2020 Res. 0.346 Soffit: 2.00 BCDL: 5.0 psf Bearings B & D are a rigid surface. TPI Std: 2014 Max BC CSI: 0.352 Load Duration: 1.25 MWFRS Parallel Dist: 0 to h/2 Members not listed have forces less than 375# Rep Fac: Yes Max Web CSI: 0.102 Spacing: 24.0 " C&C Dist a: 3,00 ft Maximum Top Chord Forces Per Ply (lbs) FT/RT:20(0)/10(0) Loc. from endwall: Any Chords Tens.Comp. Chords Tens. Comp. GCpi: 0.18 Plate Type(s): C-D 333 -619 333 -619 Wind Duration: 1.60 VIEW Ver: 21.01.01A.0521.20 WAVE Lumber Maximum Bot Chord Forces Per Ply (lbs) Top chord: 2x4 SP #2; Chords Tens.Comp. Chords Tens. Comp. Bot chord: 2x4 SP #2; Webs: 2x4 SP #3; 465 - 111 465

Wind loads based on MWFRS with additional C&C

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is





FL REG# 278, Yoonhwak Kim, FL PE #86367 10/15/2021

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

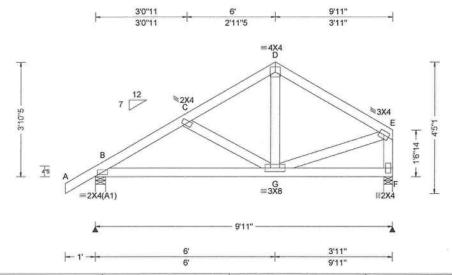
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SEQN: 633528 / SPEC Ply: 1 Job Number: 21-5954 Cust: R 215 JRef: 1X9O2150001 T36 / FROM: CDM Qty: 1 DrwNo: 288.21.0838.04806 Truss Label: C03 / YK 10/15/2021



Loading Criteria (psf) TCLL: 20.00	Wind Criteria Wind Std: ASCE 7-16	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA	Defl/CSI Criteria PP Deflection in loc L/defl L/#	▲ Maximum Reactions (lbs) Gravity Non-Gravity	
TCDL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00	Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf	Pf: NA CE: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Building Code: FBC 7th Ed. 2020 Res.	VERT(LL): 0.006 C 999 240 VERT(CL): 0.0012 C 999 180 HORZ(LL): 0.002 C - HORZ(TL): 0.004 C - Creep Factor: 2.0 Max TC CSI: 0.197	Loc R+ /R- /Rh /Rw /U /R B 491 /- /- /307 /82 /10 F 402 /- /- /215 /67 /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 F Brg Width = 3.5 Min Req = 1.5	RL 01
Load Duration: 1.25 Spacing: 24.0 "	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 GCpl: 0.18 Wind Duration: 1.60	TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Max BC CSI: 0.271 Max Web CSI: 0.113 VIEW Ver: 21.01.01A.0521.20	Bearings B & F are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Com B - C 238 - 546 D - E 168 - 3 C - D 182 - 384	

Lumber

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

Wind

Wind loads based on MWFRS with additional C&C

Right end vertical not exposed to wind pressure.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 3-10-5.

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

B-G 436 -211

FL REG# 278, Yoonhwak Kim, FL PE #86367 10/15/2021

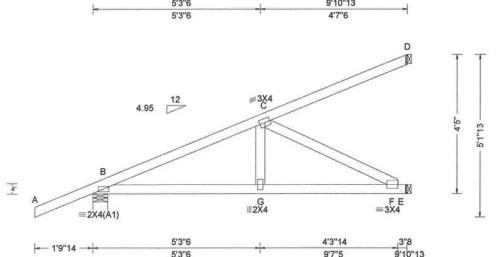
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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SEQN: 634072 / Job Number: 21-5954 Cust R 215 JRef: 1X9O2150001 T33 / Ply: DrwNo: 288.21.0838.05509 FROM: CDM Qty: 3 Arata / YK 10/15/2021 Truss Label: HJ01 9'10"13 5'3"6 5'3"6 4'7"6



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.018 G 999 240 VERT(CL): 0.038 G 999 180 HORZ(LL): 0.005 F
Des Ld: 40.00 NCBCLL: 0.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	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: NA GCpi: 0.18	Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.010 F Creep Factor: 2.0 Max TC CSI: 0.595 Max BC CSI: 0.527 Max Web CSI: 0.348
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.01.01A.0521.20

	A N			ctions (2042000
		Gravity			N	on-Gra	vity
0	Loc	R+	/ R-	/Rh	/ Rw	/ U	/RL
0	В	364	1-	1-	/-	/64	1-
	E	396	1-	1-	1-	/15	1-
	D	248	1-	1-	1-	/92	/-
	Wir	d read	ctions b	ased on	MWFRS		
	B Brg Width = 5.7			Min Reg = 1.5			
	E Brg Width = 1.5				Min Re	q = -	
	D	Brg V	Vidth =	1.5	Min Re	q = -	
	Bea	ring B	is a rig	id surfac	e.		
	Mei	nbers	not list	ed have f	orces les	s than	375#
	Max	kimun	n Top C	hord Fo	rces Per	Ply (It	os)
	Cho	ords 7	Tens.Co	mp.			
	В-	C	121	-717	51		

Lumber

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

Loading

Hipjack supports 7-0-0 setback jacks with no webs.

Wind

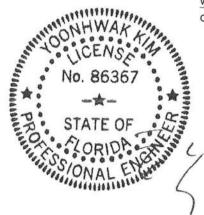
Wind loads and reactions based on MWFRS. Wind loading based on both gable and hip roof types.

The overall height of this truss excluding overhang is 4-5-0.

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

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. C-F 123 - 723



FL REG# 278, Yoonhwak Kim, FL PE #86367 10/15/2021

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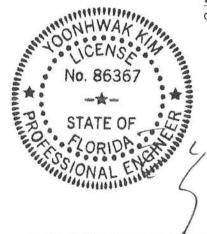


Orlando FL, 32821

Cust: R 215 JRef: 1X9O2150001 T2 / SEQN: 634070 / HIP_ Job Number: 21-5954 Ply: 1 DrwNo: 288.21.0838.05306 FROM: CDM Qty: 1 Arata 10/15/2021 Truss Label: HJ02 / YK 9'10"13 3'6"7 3'6"7 6'4"6 D 3.6.10 4 95 **■3X4** (a) W2 FE ≡3X5 =2X4(A1) 3'6"7 6'0"14 1'9"14 9'10"13 3'6"7 9'7"5 ▲ Maximum Reactions (lbs) Defl/CSI Criteria Wind Criteria Snow Criteria (Pg,Pf in PSF) Loading Criteria (psf) Gravity Non-Gravity TCLL: 20.00 Wind Std: ASCE 7-16 Pg: NA Ct: NA CAT: NA PP Deflection in loc L/defl L/# Loc R+ /Rh / RL /Rw /U Speed: 130 mph TCDL: 10.00 Pf: NA Ce: NA VERT(LL): 0.081 C 999 240 Enclosure: Closed Lu: NA Cs: NA VERT(CL): 0.168 C 696 180 0.00 BCLL: В 361 1-Risk Category: II BCDL: 10.00 Snow Duration: NA HORZ(LL): 0.034 F 300 1-10 /19 10 EXP: C Kzt: NA HORZ(TL): 0.070 F D 344 1-1-/126 1-40.00 Des I de Mean Height: 15.00 ft Wind reactions based on MWFRS Creep Factor: 2.0 **Building Code:** NCBCLL: 0.00 TCDL: 5.0 psf Brg Width = 5.7 Min Req = 1.5 FBC 7th Ed. 2020 Res. Max TC CSI: 0.482 Soffit: 2.00 BCDL: 5.0 psf Brg Width = 1.5 Min Reg = -TPI Std: 2014 Max BC CSI: 0.867 Load Duration: 1.25 MWFRS Parallel Dist: 0 to h/2 Brg Width = 1.5 Min Reg = -Rep Fac: No Max Web CSI: 0.418 Spacing: 24.0 " C&C Dist a: 3.00 ft Bearing B is a rigid surface FT/RT:20(0)/10(0) Loc, from endwall: NA Members not listed have forces less than 375# Plate Type(s): GCpi: 0.18 Maximum Top Chord Forces Per Ply (lbs) Wind Duration: 1.60 VIEW Ver: 21.01.01A.0521.20 Chords Tens.Comp. WAVE Lumber 185 -853 B-C Top chord: 2x4 SP M-31; Bot chord: 2x4 SP #2; Webs: 2x4 SP M-31; W2 2x4 SP #3; Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B-H 799 - 178 1367 - 288 (a) Continuous lateral restraint equally spaced on member. Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Hipjack supports 7-0-0 setback jacks with no webs. C-F 290 - 1380

Wind loads and reactions based on MWFRS. Wind loading based on both gable and hip roof types.

The overall height of this truss excluding overhang is 4-5-0



FL REG# 278, Yoonhwak Kim, FL PE #86367 10/15/2021

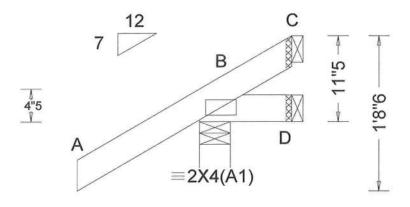
*WARNING** READ AND FOLLOW ALL NOTES ON THIS DRAWING!

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SEQN: 634018 / Job Number: 21-5954 Cust R 215 JRef: 1X9O2150001 T46 **JACK** Ply: 1 FROM: CDM Qty: 8 Arata DrwNo: 288.21.0838.05337 10/15/2021 Truss Label: J01 / YK





Loading Criteria (psf) TCLL: 20.00	Wind Criteria Wind Std: ASCE 7-16	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA	Defl/CSI Criteria PP Deflection in loc L/defl L/#		Ma:		m Rea avity	ctions (I		on-Gra	vity
CDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): NA		oc i	R+	/ R-	/Rh	/Rw	/ U	/R
BCLL: 0.00 BCDL: 10.00	Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Lu: NA Cs: NA Snow Duration: NA	VERT(CL): NA HORZ(LL): -0.000 B	1.5	3 10		/- /-2 /-15	/- /-	/129 /11 /18	/30 /5 /22	/36 /-
Des Ld: 40.00 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: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18	Building Code: Creep Factor: 2.0 Wind reactive			ions baridth = ridth = ridth = rig	4.0 1.5 1.5 id surfac	ed on MWFRS 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.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 0-11-5.



FL REG# 278, Yoonhwak Kim, FL PE #86367 10/15/2021

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SEQN: 634020 / JACK Job Number: 21-5954 Cust: R 215 JRef: 1X9O2150001 T5 / Ply: 1 FROM: CDM Qty: 6 Arata DrwNo: 288.21.0838.05009 Truss Label: J02 / YK 10/15/2021 C 2'10"6 B 4"5 D \equiv 2X4(A1) 3' 3'

Loading	Criteria (psf)	Wind Cri
TCLL:	20.00	Wind Std
TCDL:	10.00	Speed:
BCLL:	0.00	Enclosur
BCDL:	10.00	Risk Cate
Des Ld:	40.00	EXP: C Mean He
NCBCLL	: 10.00	TCDL: 5.
Soffit:	2.00	BCDL: 5
Load Du	ration: 1.25	MWFRS
Spacing:	24.0 "	C&C Dist
1 2		Loc. from

Wind Duration: 1.60

Snow C	riteria (Pg	Pf in PSF)
Pg: NA	Ct: NA	CAT: NA
Pf: NA		Ce: NA
Lu: NA	Cs: NA	
Snow Du	ration: NA	60

Building Code:
FBC 7th Ed. 2020 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.001 B

HURZ(IL): 0.0	ם וטכ	,
Creep Factor: 2	2.0	
Max TC CSI:	0.114	
Max BC CSI:	0.073	
Max Web CSI:	0.000	

VIEW Ver: 21.01.01A.0521.20	
-----------------------------	--

▲ Maximum	Reactions	(lbs)

Gravity				Non-Gravity			
Loc	R+	/ R-	/Rh	/Rw	/ U	/RI	
В	214	/-	/-	/149	/22	177	
D	52	1-	1-	/30	1-	1-	
C	73	1-	1-	/47	142	1-	
Win	nd read	ctions b	ased on I	MWFRS			
В	Brg V	Vidth =	4.0	Min Re	q = 1.	5	
D	Brg V	Vidth =	1.5	Min Re	q = -		
C	Brg V	Vidth =	1.5	Min Re	q = -		
Bea	ring B	is a rig	id surfac	e.	-		
Mer	nbers	not liste	ed have f	orces les	s than	375#	

Lumber

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

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 2-1-5.



FL REG# 278, Yoonhwak Kim, FL PE #86367 10/15/2021

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

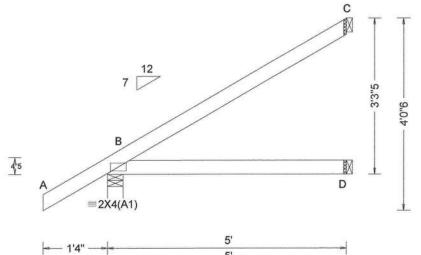
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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 celling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, drawings 160A-Z for standard plate positions. Refer to job's General Notes page for additional information.

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

6750 Forum Drive Suite 305 Orlando FL, 32821

Cust R 215 JRef: 1X9O2150001 T6 / SEQN: 634022 / JACK Ply: 1 Job Number: 21-5954 Qty: 6 DrwNo: 288.21.0838.05025 FROM: CDM Arata / YK 10/15/2021 Truss Label: J03



Soffit: 2.00 BCDL: 5.0 psf FBC / III Ed. 2020 Res. Wax 10 Col. 0.394 D. Bra Width = 1.5	/ Rw /196	n-Grav	/R
BCDL: 10.00 Risk Category: II Snow Duration: NA HORZ(LL): 0.005 B - D 92 /- /- /- Des Ld: 40.00 Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 ps			
Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf BCDL	/52 /88	/22 /- /73	/11 /-
Load Duration: 1.25 MWFRS Parallel Dist: 0 to h/2 Spacing: 24.0 " C&C Dist a: 3.00 ft Rep Fac: 120 Max Bc CSI: 0.247 Max Web CSI: 0.000 Bearing B is a rigid surface.	ons based on MWFRS dth = 4.0 Min Req = 1.5 dth = 1.5 Min Req = - dth = 1.5 Min Req = -		

Lumber

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

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

Wind loading based on both gable and hip roof types.

Additional Notes

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



FL REG# 278, Yoonhwak Kim, FL PE #86367 10/15/2021

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

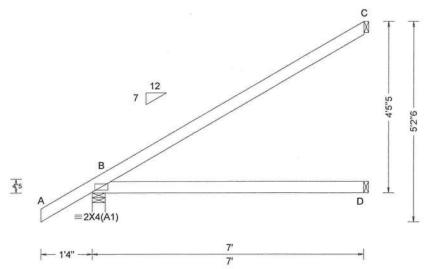
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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Cust: R 215 JRef: 1X9O2150001 T42 / SEQN: 634026 / EJAC Job Number: 21-5954 Ply: 1 FROM: CDM DrwNo: 288.21.0838.05463 Qty: 23 Arata Truss Label: J04 / YK 10/15/2021



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.015 B
Des Ld: 40.00 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/2 to h C&C Dist a: 3.00 ft Loc. from endwall: not in 4.50 ft GCpi: 0.18	Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.030 B Creep Factor: 2.0 Max TC CSI: 0.758 Max BC CSI: 0.530 Max Web CSI: 0.000
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.01.01A.0521.20

▲ Maximum Reactions (Ibs) Gravity Non-Gravity /Rw /U /RL В 371 /245 /23 /160 DC 131 1-176 193 1-1-/128 /104 Wind reactions based on MWFRS В Brg Width = 4.0 Min Req = 1.5 Brg Width = 1.5 Min Req = -Brg Width = 1.5 Min Req = -Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

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

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

Wind loading based on both gable and hip roof types.

The overall height of this truss excluding overhang is 4-5-5.



FL REG# 278, Yoonhwak Kim, FL PE #86367 10/15/2021

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

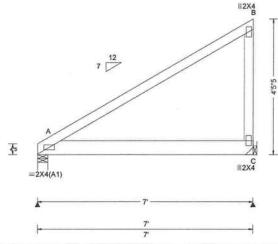
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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SEQN: 396064 / EJAC Job Number: 21-5954 Cust: R 215 JRef: 1X9O2150001 T17 / Ply: 2 Qty: 1 FROM: CDM Arata DrwNo: 288.21.0838.04978 Page 1 of 2 Truss Label: J05 / YK 10/15/2021

2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.014 A
Des Ld: 40.00 NCBCLL: 0.00 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: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18	Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: No FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.028 A
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.01.01A.0521.20

	G	ravity		No	on-Gra	vity
Loc	R+	/ R-	/Rh	/ Rw	/ U	/RL
Α	751	1-	/-	1-	/97	/119
C	1201	/-	1-	/-	/39	1-
Win	d read	tions b	ased on	MWFRS		
A	Brg V	Vidth =	4.0	Min Re	q = 1.	5
C	Brg V	Vidth =	_	Min Re	q = -	
Bea	ring A	is a rig	id surfac	e.		
Mer	mbers	not liste	ed have f	orces les	s than	375#

Lumber

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

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 7.50" 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 63 plf at 0.00 to BC: From 20 plf at 0.00 to BC: 1370 lb Conc. Load at 4.73 63 plf at 20 plf at 7.00

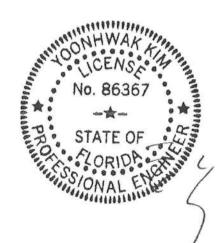
Wind

Wind loads and reactions based on MWFRS. Right end vertical exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 4-5-5.



FL REG# 278, Yoonhwak Kim, FL PE #86367 10/15/2021

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Cust: R 215 JRef: 1X9O2150001 T17 / Job Number: 21-5954 SEON: 396064 / **EJAC** Ply: 2 DrwNo: 288.21.0838.04978 FROM: CDM Qty: 1 Arata Truss Label: J05 / YK 10/15/2021 Page 2 of 2

Hangers / Ties

Simpson Construction Hardware is specified based on the most current information provided by Simpson Strong-Tie. Please refer to the most recent Simpson Strong-Tie catalog for additional information.

Recommended hanger connections are based on manufacturer tested capacities and calculations.
Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

Bearing at location x=6'9" uses the following support conditions: 6'9"
Bearing C (6'9", 9'1"2) LUS26-2
Supporting Member: (1)2x6 SP 2400f-2.0E
(4) 0.162"x3.5" nails into supporting member,
(4) 0.162"x3.5" nails into supported member.



FL REG# 278, Yoonhwak Kim, FL PE #86367 10/15/2021

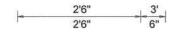
WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!

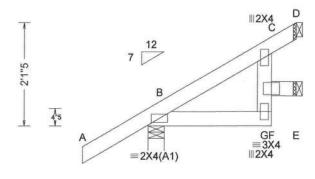
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

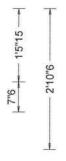
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SEQN: 634068 / JACK Job Number: 21-5954 Cust: R 215 JRef: 1X9O2150001 Ply: 1 FROM: CDM Qty: 2 Arata DrwNo: 288.21.0838.05120 Truss Label: J06 / YK 10/15/2021







1'4"	2'6"	6"
14	2'6"	3'

			20 3	
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 7-16 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: Any	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 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0)	Defi/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.003 F 999 240 VERT(CL): 0.006 F 999 180 HORZ(LL): 0.002 C HORZ(TL): 0.004 C Creep Factor: 2.0 Max TC CSI: 0.111 Max BC CSI: 0.050 Max Web CSI: 0.031	Gravity Loc R+ /R- /Rh B 214 /- /- E 21 /- /- D 84 /- /- Wind reactions based on MV B Brg Width = 4.0 E Brg Width = 1.5 D Brg Width = 1.5 D Brg Width = 1.5 D Brg Width = 1.5 Members not listed have for
	GCpi: 0.18 Wind Duration: 1.60	Plate Type(s): WAVE	VIEW Ver: 21.01.01A.0521.20	

Gravity				lbs) Non-Gravity			
Loc	R+	/ R-	/Rh	/ Rw	/ U	/RL	
В	214	/-	1-	/149	/22	177	
E	21	1-	1-	/15	14	1-	
D	84	1-	1-	/60	/31	1-	
Win	d read	ctions b	ased on	MWFRS			
В	Brg V	Vidth =	4.0	Min Re	q = 1.	5	
E	Brg V	Vidth =	1.5	Min Re	q = -		
D	Brg V	Vidth =	1.5	Min Re	q = -		
Bea	ring B	is a rig	id surfac	e.			
Mer	nbers	not liste	ed have f	orces les	s than	375#	

Lumber

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

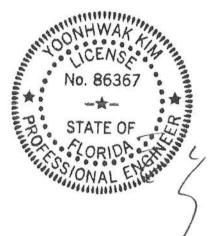
Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is



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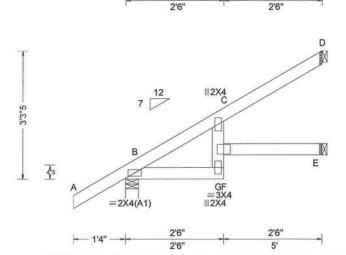
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SEQN: 634066 / JACK Job Number: 21-5954 Cust R 215 JRef: 1X9O2150001 T50 / Ply: 1 DrwNo: 288.21.0838.04994 FROM: CDM Qty: 2 Arata Truss Label: J07 / YK 10/15/2021

5



2'6'

7"15	
12	9,
	- 4'0
7'8	
+	

Loading Criteria (psf)	Wind Criteria
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 7-16 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

CAT: NA
Ce: NA

FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE

	PP Deflectio	n in	loc	L/defl	L/#				
	VERT(LL):	0.05	5 F	999	240				
	VERT(CL):	0.11	0 F	527	180				
	HORZ(LL):	0.03	4 C		-				
	HORZ(TL):	0.06	9 0	-					
	Creep Factor: 2.0								
	Max TC CSI	: 0	.35	7					
	Max BC CSI	: 0	.11	1					
	Max Web CS	SI: 0	.09	7					
	VIEW Ver: 2	1.01.	01/	.0521.	20				

Defl/CSI Criteria

	0	Gravity	32	N	on-Gra	vity		
Loc	R+	/ R-	/Rh	/ Rw	/U	/RL		
В	291	/-	/-	/196	/22	/118		
E	61	1-	1-	/36	1-	1-		
D	151	1-	1-	/104	/68	/-		
Wir	d read	ctions b	ased on	MWFRS				
В	Brg V	Vidth =	4.0	Min Re	q = 1.	5		
E	Brg V	Vidth =	1.5	Min Reg = -				
D	Brg V	Vidth =	1.5	Min Reg = -				
Bea	ring B	is a rig	id surfac	e.				
Mer	nbers	not liste	ed have f	orces les	s than	375#		

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.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is



FL REG# 278, Yoonhwak Kim, FL PE #86367 10/15/2021

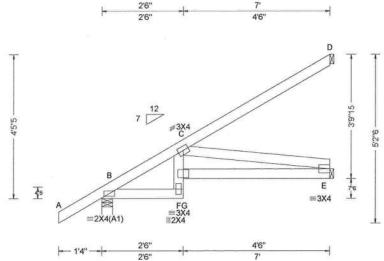
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Job Number: 21-5954 Cust: R 215 JRef: 1X9O2150001 T31 / SEQN: 634064 / **EJAC** Ply: FROM: CDM Qty: 5 DrwNo: 288.21.0838.05415 Arata / YK 10/15/2021 Truss Label: J08



Loading Criteria (psf) TCLL: 20.00	Wind Criteria Wind Std: ASCE 7-16	Snow Criteria (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA	Defl/CSI Criteria PP Deflection in loc L/defl L/#				
TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Speed: 130 mph Enclosure: Closed Risk Category: II	Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	VERT(LL): 0.023 F 999 240 VERT(CL): 0.047 F 999 180 HORZ(LL): 0.014 E				
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	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 GCbi: 0.18	Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.029 E Creep Factor: 2.0 Max TC CSI: 0.323 Max BC CSI: 0.330 Max Web CSI: 0.729				
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.01.01A.0521.20				

B 371 /- /- /245 /23 /160 E 162 /- /- /119 /17 /- D 130 /- /- /85 /71 /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 E Brg Width = 1.5 Min Req = -		G	Gravity		N	on-Gra	vity			
E 162 /- /- /119 /17 /- D 130 /- /- /85 /71 /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 E Brg Width = 1.5 Min Req = - D Brg Width = 1.5 Min Req = - Bearing B is a rigid surface.	-00	R+	/ R-	/Rh	/Rw	/ U	/RL			
7 130 /- /- /85 /71 /- Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 E Brg Width = 1.5 Min Req = - D Brg Width = 1.5 Min Req = - Bearing B is a rigid surface.	3	371	1-	1-	/245	/23	/160			
Wind reactions based on MWFRS B Brg Width = 4.0 Min Req = 1.5 E Brg Width = 1.5 Min Req = - D Brg Width = 1.5 Min Req = - Bearing B is a rigid surface.	E	162	1-	1-	/119	/17	1-			
B Brg Width = 4.0 Min Req = 1.5 E Brg Width = 1.5 Min Req = - D Brg Width = 1.5 Min Req = - Bearing B is a rigid surface.	D	130	1-	1-	/85	171	1-			
E Brg Width = 1.5 Min Req = - D Brg Width = 1.5 Min Req = - Bearing B is a rigid surface.	Wir	d read	ctions b	ased on	MWFRS					
D Brg Width = 1.5 Min Req = - Bearing B is a rigid surface.	В	Brg V	Vidth =	4.0	Min Reg = 1.5					
Bearing B is a rigid surface.	Ε	Brg V	Vidth =	1.5	Min Reg = -					
	D	Brg V	Vidth =	1.5	Min Reg = -					
Members not listed have forces less than 375#	Bea	ring B	is a rig	id surfac	e.					
	Mer	nbers	not liste	ed have f	orces les	s than	375#			
	Chr	ords 1	Tens.Co	amo.						

B-C 89 -402

Top chord: 2x4 SP #2;

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

Lumber

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is

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

549 - 503

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp. 508 - 554



FL REG# 278, Yoonhwak Kim, FL PE #86367 10/15/2021

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6750 Forum Drive Suite 305 Orlando FL, 32821

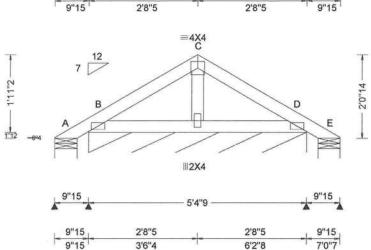
SEQN: 633684 / GABL Job Number: 21-5954 Cust: R 215 JRef: 1X9O2150001 Ply: 1 FROM: CDM Qty: 1 Arata DrwNo: 288.21.0838.04681 Truss Label: PB01 / YK 10/15/2021

3'6"4

9"15

7'0"7

6'2"8



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.001 B 999 240 VERT(CL): 0.001 B 999 180 HORZ(LL): 0.000 B -
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	Mean Height: 15.24 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 13.00 ft GCpi: 0.18	Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.001 B Creep Factor: 2.0 Max TC CSI: 0.069 Max BC CSI: 0.035 Max Web CSI: 0.016
	Wind Duration: 1.60	MANE	VIEW Ver: 21.01.01A.0521.20

	G	Gravity	- 15	Non-Gravity					
Loc	R+	/ R-	/Rh	/Rw	/U	/RL			
A -		/-9	1-	/34	/33	/52			
B*	85	1-	1-	/59	/10	1-			
E	-	1-9	1-	17	17	1-			
Win	nd read	ctions b	ased on	MWFRS					
A	Brg V	Vidth =	6.5	Min Reg = 1.5					
В	Brg V	Vidth =	64.6	Min Re	q = -				
E	Brg V	Vidth =	6.5	Min Reg = 1.5					
Res				igid surfa					

Lumber

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

Plating Notes

All plates are 2X4(A1) except as noted.

Loading

Gable end supports 8" max rake overhang. Top chord must not be cut or notched.

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

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS A14030ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

Refer to DWG PB160160118 for piggyback details.

The overall height of this truss excluding overhang is 2-0-14.



FL REG# 278, Yoonhwak Kim, FL PE #86367 10/15/2021

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

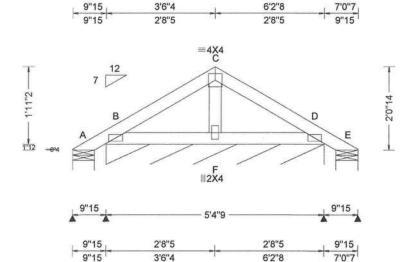


Orlando FL, 32821

SEQN: 633698 / COMN Job Number: 21-5954 Cust: R 215 JRef: 1X9O2150001 T16 / Ply: 1 FROM: CDM Qty: 1 Arata DrwNo: 288.21.0838.04634 Truss Label: PB02 10/15/2021

6'2"8

3'6"4



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Wind Std: ASCE 7-16 Speed: 130 mph Enclosure: Closed Risk Category: II	Pg: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.001 B 999 240 VERT(CL): 0.001 B 999 180 HORZ(LL): 0.000 B -
Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.25 Spacing: 24.0 "	20.00 Wind Std: ASCE 7-16 10.00 Speed: 130 mph 10.00 Enclosure: Closed 10.00 Risk Category: II EXP: C Kzt: NA Mean Height: 20.58 ft TCDL: 5.0 psf BCDL: 2.0 psf ation: 1.25 MWFRS Parallel Dist: h to 2h	Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	HORZ(TL): 0.001 B - Creep Factor: 2.0 Max TC CSI: 0.070 Max BC CSI: 0.035 Max Web CSI: 0.016
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.01.01A.0521.20

	G	Gravity		Non-Gravity					
Loc	R+	/ R-	/Rh	/ Rw	/U	/RL			
Α		/-11	/-	/33	/39	/53			
B*	84	1-	1-	/56	/16	1-			
E	-	/-11	1-	/6	/13	1-			
Wir	nd read	ctions b	ased on	MWFRS					
A	Brg V	Vidth =	6.5	Min Req = 1.5					
В		Vidth =	64.6	Min Re	q = -				
E	Brg V	Vidth =	6.5	Min Req = 1.5					
		A. B. &	E are a r	igid surfa	ce.				

Lumber

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

Plating Notes

All plates are 2X4(A1) except as noted.

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

Wind loading based on both gable and hip roof types.

Additional Notes

Refer to DWG PB160160118 for piggyback details.

The overall height of this truss excluding overhang is 2-0-14.



FL REG# 278, Yoonhwak Kim, FL PE #86367 10/15/2021

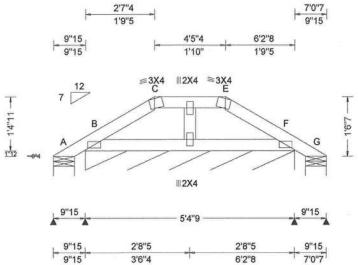
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SEQN: 633700 / GABL Job Number: 21-5954 Cust. R 215 JRef: 1X9O2150001 T24 Ply: 1 DrwNo: 288 21 0838 04807 FROM: CDM Qty: 1 Arata Truss Label: PB03 / YK 10/15/2021



Loading Criteria (psf)	Wind Criteria Wind Std: ASCE 7-16	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00	Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Kzt: NA	Pg: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.001 C 999 240 VERT(CL): 0.002 C 999 180 HORZ(LL): 0.000 E - HORZ(TL): 0.001 E -
Des Ld: 40.00 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 13.00 ft GCpi: 0.18	Building Code: FBC 7th Ed. 2020 Res. TPI Std: 2014 Rep Fac: Yes FT/RT:20(0)/10(0) Plate Type(s):	Creep Factor: 2.0 Max TC CSI: 0.033 Max BC CSI: 0.031 Max Web CSI: 0.017
	Wind Duration: 1.60	WAVE	VIEW Ver: 21.01.01A.0521.20

A IV		um Rea Gravity	ctions (lbs), or *= N	⊧PLF on-Gra	vitv		
Loc		/R-	/Rh	/Rw /U /F				
Α	13	/-	/-	/31	/22	/38		
B*	77	1-	1-	/53	/8	1-		
G	13	/-	1-	/11	/3	1-		
Win	d read	ctions b	ased on	MWFRS				
A	Brg V	Vidth =	6.5	Min Reg = 1.5				
В	Brg V	Vidth =	64.6	Min Re	q = -			
G	Brg V	Vidth =	6.5	Min Reg = 1.5				
Bea	rings	A. B. &	G are a	rigid surfa				
		The state of the s		orces les		375#		

Lumber

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

Plating Notes

All plates are 2X4(A1) except as noted.

Loading

Gable end supports 8" max rake overhang. Top chord must not be cut or notched.

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

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS A14015ENC160118 & GBLLETIN0118 for gable wind bracing and other requirements.

Refer to DWG PB160160118 for piggyback details.

The overall height of this truss excluding overhang is 1-6-7.



FL REG# 278, Yoonhwak Kim, FL PE #86367 10/15/2021

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6750 Forum Drive Suite 305 Orlando FL, 32821

ASCE 7-16: 140 mph Wind Speed, 15' Mean Height, Enclosed, Exposure C, Kzt = 1.00

| Dri | 120 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00
| Dri | 120 mph Wind Speed, 15' Mean Height, Enclosed, Exposure D, Kzt = 1.00
| Dri | 100 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure D, Kzt = 1.00

	2×4	Brace	No	(D 1x4 L	' Brace »	(1) 2x4 (1)	. Brace =	(2) 2×4 °L	. Brace #1	(1) 2x6 (1)	. Brace #	(S) 5×6 °L	* Brace
	Species	Grade	Braces	Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group I
Spacing	005	#1 / #2	4' 3'	7' 3'	7' 7'	8' 7'	8' 11'	10' 3'	10' 8'	13' 6'	14' 0'	14' 0'	14' 0'
	SPF	#3	4' 1"	6' 7'	7' 1'	8' 6'	8' 10"	10' 1"	10' 6'	13' 4"	13' 10'	14' 0"	14' 0"
D'U	HF	Stud	4' 1"	6' 7"	7' 0'	8' 6'	8' 10'	10' 1'	10' 6'	13' 4"	13' 10"	14' 0'	14' 0'
- 0	FIF	Standard	4' 1"	5' 8'	6' 0"	7' 7'	8' 1'	10' 1'	10' 6'	11' 10'	12' 8'	14' 0'	14' 0'
υ		#1	4' 6'	7' 4'	7' 8'	8' 8'	9, 0,	10' 4'	10' 9'	13' 8'	14' 0'	14' 0"	14' 0'
	SP	#2	4' 3'	7' 3'	7' 7'	8' 7'	8' 11'	10' 3'	10' 8'	13' 6'	14' 0'	14' 0'	14' 0'
4	M DFL	#3	4' 2'	6' 0'	6' 4'	7' 11'	8' 6'	10' 2'	10' 7'	12' 5'	13' 4'	14' 0'	14' 0
01		Stud	4' 2'	6' 0'	6' 4'	7' 11'	8' 6'	10' 2'	10' 7'	12' 5'	13' 4'	14' 0'	14' 0
		Standard	4' 0"	5' 3'	5' 7'	7' 0'	7' 6'	9' 6"	10' 2"	11' 0'	11' 10'	14' 0'	14' 0
	CDE	#1 / #2	4' 11'	8' 4'	8' 8'	9' 10'	10' 3'	11' 8'	15, 5,	14' 0'	14' 0'	14' 0"	14' 0
§ _ ~	SPF	#3	4' 8'	8' 1"	8' 8'	9' 8'	10' 1"	11' 7'	12' 1"	14' 0'	14' 0'	14' 0"	14' 0
Ü	HF	Stud	4' 8'	8' 1'	8' 6'	9' 8'	10' 1"	11' 7'	12' 1'	14' 0'	14' 0'	14' 0'	14' 0
	LUL I	Standard	4' 8'	6' 11'	7' 5'	9' 3'	9' 11'	11' 7'	12' 1"	14' 0'	14' 0'	14' 0'	14' 0
0	SP	#1	5' 1'	8' 5'	8' 9'	9' 11'	10' 4'	11' 10'	12' 4'	14' 0'	14' 0'	14' 0'	14' 0
		#2	4' 11"	8' 4"	8' 8'	9' 10'	10' 3'	11' 8'	15, 5,	14' 0'	14' 0'	14' 0"	14' 0
100	33500000	#3	4' 9'	7' 4"	7' 9'	9' 9'	10' 2'	11' 8'	12' 1'	14' 0"	14' 0'	14' 0'	14' 0
16	DFL	Stud	4' 9'	7' 4'	7' 9'	9' 9'	10, 5,	11' 8'	12' 1'	14' 0'	14' 0'	14' 0"	14' 0
	12, -1	Standard	4' 8'	6' 5'	6' 10'	8' 7'	9' 2'	11' 7'	12' 1'	13' 6'	14' 0"	14' 0'	14' 0
	ODE	#1 / #2	5' 5'	9' 2'	9' 6'	10' 10'	11' 3'	11' 8'	13' 5'	14' 0"	14' 0"	14' 0'	14' 0
5	SPF	#3	5' 1'	9, 0,	9' 4'	10' 8'	11, 1,	12' 9'	13' 3'	14' 0'	14' 0"	14' 0"	14' 0
j j	HF	Stud	5' 1'	9' 0'	9' 4'	10' 8'	11' 1'	12' 9'	13' 3'	14' 0'	14' 0'	14' 0'	14' 0
Ü		Standard	5' 1'	8, 0,	8' 6'	10' 8'	11' 1'	12' 9'	13' 3'	14' 0"	14' 0'	14' 0'	14' 0
()		#1	5' 8'	9' 3'	9' 8'	10' 11'	11' 4'	13' 0'	13' 6'	14' 0'	14' 0'	14' 0'	14' 0
	SP	#2	5' 5'	9' 2'	9' 6'	10' 10'	11' 3'	12' 11'	13' 5'	14' 0'	14' 0'	14' 0'	14' 0
้น		#3	5' 3'	8' 5'	9' 0'	10' 9'	11, 5,	12' 10'	13' 4"	14' 0"	14' 0"	14' 0'	14' 0
[일	DFL	Stud	5' 3'	8' 5'	9' 0'	10' 9'	11' 2'	12' 10'	13' 4"	14' 0'	14' 0'	14' 0'	14' 0
, ,		Standard	5' 1'	7' 5'	7' 11'	9' 11'	10' 7'	12' 9'	13' 3'	14' 0'	14' 0'	14' 0"	14' 0

Group A Group B Hem-Fir Douglas Fir-Larch 4 Braces shall be SRB (Stress-Rated INFor 1x4 So. Pine use only Industrial 55 or Industrial 45 Stress-Rated Boards. Group B values may be used with these grades. Gable Truss Detall Notes: Vind Load deflection criterion is L/240.

Bracing Group Species and Gradesi

Provide uplift connections for 55 plf over continuous bearing (5 psf TC Dead Load).

Gable end supports load from 4' 0' outlookers with 2' 0' overhang, or 12' plywood overhang.

Attach 'L' braces with 10d (0.128'x3.0' min) naks. ※ For (1) "L' brace: space nails at 2" ac. in 18" end zones and 4" ac. between zones. ※※For (2) "L' braces: space nails at 3" ac. in 18" end zones and 6" ac. between zones.

"L" bracing must be a minimum of BOX of web member length.

Vertical Length Less than 4' 0'	No Splice
Greater than 4' 0'	3X4
	3X4

Refer to the Building Designer for conditions not addressed by this detail.

Diagonal brace option vertical length may be doubled when diagonal brace is used. Connect diagonal brace for 4508 at each end. Max web 'L' Brace End Zones, typ. 2x4 DF-L #2 or better diagonal brace; single or double cut (as shown) at Vertical length shown in table above. Connect diagonal at Refer to chart above for adpoint of vertical wei ORIDA CON TOWN IN THE PROPERTY OF THE PROPERTY

Increase region extreme cure in fabricating, handling, shoping, installing and bracing. Refer to and folior the latest estate of BSS Quideng Component Safety Information, by TPI and SDCA for safety between the latest estate of BSS Quideng Component Safety Information, by TPI and SDCA for safety between the latest estate of BSS QUIDENG SAFETY and SDCA for safety between control of the safety between the safety of the safety between the safety of the safety in the safety of the safety in the safety of the safety of the safety of the safety of the safety safety of the safety of the safety safety safety of the safety safety safety of the safety safety safety safety of the safety safe

For nore information see this job's present notes page and these web sites 15/3021 78 Yoonhwak Kim, FL PE #86367

MPMC versalphetiescon; The versions tong: SIGN versalphetics and these web sites 15/3021 78 Yoonhwak Kim, FL PE #86367

MAX. SPACING 24.0°

MAX. TOT. LD. 60 PSF

ASCE7-16-GAB14015 DATE 01/26/2018 DRWG A14015ENC160118

AN ITW COMP 514 Earth City Expressway Suite 242 Earth City, MO 63045

total length is 14".

1.7 2

Gable Stud Reinforcement Detail

ASCE 7-16: 140 mph Wind Speed, 30' Mean Height, Enclosed, Exposure C, Kzt = 1.00

120 mph Vind Speed, 30' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00

120 mph Vind Speed, 30' Mean Height, Enclosed, Exposure D, Kzt = 1.00

		2x4 Vertica	Brace	No	(1) 1×4 L	' Brace w	(1) 2×4 (1)	. Brace #	(2) 2x4 L	* Brace No	(1) 2x6 (L)	* Brace =	(S) 5×6 °L	Brace #
_		Species	Grade	Braces	Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B
4		CDE	#1 / #2	4' 1'	6' 11'	7' 2'	8, 5,	8' 6'	9' 9'	10' 2'	12' 10'	13' 4"	14' 0'	14' 0'
	. 7	SPF	#3	3' 10'	6' 2'	6' 7'	8' 1'	8' 5'	9' 8'	10' 0'	12' 8'	13' 2'	14' 0'	14' 0'
9	Ų	HF	Stud	3' 10'	6, 5,	6' 6'	8' 1'	8' 5'	9' 8'	10' 0'	15, 8,	13' 2'	14' 0'	14' 0'
eng	ō	L)L	Standard	3' 10'	5' 3'	5' 7'	7' 0'	7' 6'	9' 6'	10' 0"	11' 0'	11' 10'	14' 0'	14' 0"
W.			#1	4' 2'	7' 0'	7' 3'	8' 3'	8' 7'	9' 10'	10' 3'	13' 0'	13' 6'	14' 0'	14' 0'
		SP	#2	4' 1"	6' 11'	7' 2'	8, 5,	8' 6'	9' 9'	10' 2'	12' 10'	13' 4"	14' 0'	14' 0'
	4	DFL	#3	4' 0'	5' 7'	5' 11'	7' 5'	7' 11'	9' 8'	10' 1'	11' 7'	12' 5'	14' 0'	14' 0'
d	N		Stud	4' 0'	5' 7'	5' 11'	7' 5'	7' 11'	9' 8'	10' 1'	11' 7'	12' 5'	14' 0"	14' 0'
0	750000		Standard	3' 9'	4' 11'	5' 13'	6' 6'	7' 0'	8' 10"	9' 6'	10' 3'	11' 0'	13' 11'	14' 0'
ZIC		CDE	#1 / #2	4' 8'	7' 11'	8' 3'	9' 4"	9' 9'	11, 5,	11' 7"	14' 0'	14' 0"	14' 0"	14' 0'
2		SPF	#3	4' 5'	7' 6'	8' 3"	9' 3'	9' 7'	11' 0'	11' 6'	14' 0'	14' 0'	14' 0'	14' 0'
	U	HF	Stud	4' 5'	7' 6'	8' 0'	9' 3'	9' 7'	11' 0'	11' 6'	14' 0'	14' 0'	14' 0'	14' 0"
6	ō	FIE	Standard	4' 5'	6' 5'	6' 10'	8' 7'	9' 2'	11' 0'	11' 6"	13' 6'	14' 0"	14' 0'	14' 0'
Ψ.		SP	#1	4' 10"	8' 0'	8' 4'	9' 6'	9' 10"	11' 3'	11' 9'	14' 0'	14' 0'	14' 0'	14' 0"
>			#2	4' 8'	7' 11'	8' 3'	9' 4"	9' 9'	11' 2'	11' 7"	14' 0'	14' 0"	14' 0'	14' 0'
	è	1000 May 1	#3	4' 7'	6' 10'	7' 3'	9' 1'	9' 8'	11' 1'	11' 6'	14' 0'	14' 0'	14' 0'	14' 0'
Q	1,6	DFL	Stud	4' 7'	6' 10'	7' 3'	9' 1'	9' 8'	11' 1'	11' 6'	14' 0'	14' 0'	14' 0'	14' 0'
וממטו			Standard	4' 5'	6' 0'	6' 5'	8, 0,	8' 7'	10' 10'	11' 6'	12' 7'	13' 15'	14' 0'	14' 0"
2		CDE	#1 / #2	5' 2'	8' 9'	9' 1'	10' 4"	10' 9'	11' 2'	12' 9'	14' 0"	14' 0"	14' 0'	14' 0'
٥	0.8	SPF	#3	4' 10'	8' 7'	8' 11'	10' 2'	10' 7'	12' 2'	12' 8'	14' 0'	14' 0'	14' 0'	14' 0'
וכ	O,O	HF	Stud	4' 10'	8' 7'	8' 11'	10' 2'	10' 7'	15, 5,	12' 8'	14' 0'	14' 0'	14' 0'	14' 0"
X X X	o i		Standard	4' 10'	7' 5'	7' 11'	9' 11'	10' 7'	12' 2'	12' 8'	14' 0'	14' 0"	14' 0"	14' 0'
	0	SP	#1	5' 4'	8' 10'	9, 5,	10' 5'	10' 10'	12' 5'	15, 11,	14' 0'	14' 0'	14' 0'	14' 0'
2			#2	5' 2'	8' 9'	9' 1'	10' 4'	10' 9'	12' 3'	12' 9'	14' 0"	14' 0"	14' 0'	14' 0'
=	ù	1000000	#3	5' 0'	7' 10'	8' 4"	10' 3'	10' 8'	15, 5,	12' 8'	14' 0'	14' 0'	14' 0'	14' 0"
-	10	DFL	Stud	5' 0'	7' 10'	8' 4'	10' 3'	10' 8'	15, 5,	12' 8'	14' 0'	14' 0"	14' 0'	14' 0'
_			Standard	4' 10"	6' 11'	7' 4'	9' 3'	9' 10"	12' 2'	12' 8'	14' 0'	14' 0"	14' 0'	14' 0'

Bracing Group Species and Gradesi Group A #1 / #2 Standard Hen-Fir 4 Braces shall be SRB (Stress-Rated Boar

#For 1x4 So. Pine use only Industrial 55 or Industrial 45 Stress-Rated Boards. Group I values nay be used with these grades.

Gable Truss Detail Notes: Vind Load deflection criterion is L/240.

Provide uplift connections for 100 plf over continuous bearing (5 psf TC Dead Load).

Gable end supports load from 4' 0" outlookers with 2' 0" overhang, or 12" plywood overhang.

Attach "L" braces with 10d (0.128'x3.0' min) nails. ※ For (1) "L" brace: space noils at 2" a.c. in 18" end zones and 4" a.c. between zones. 業業For (2) "L" braces: space noils at 3" a.c. in 18" end zones and 6" a.c. between zones.

Vertical Length	No Splice
Less than 4' 0'	2X4
Greater than 4' 0', but less than 11' 6"	3X4
Greater than 11' 6'	4X4

Refer to the Building Designer not addressed by this detail.

'L' Brace End Zones, typ. Connect diagonal at midpoint of vertical web Refer to chart ab

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Vertical length shown in table above.

Diagonal brace options vertical length may be doubled when diagonal brace is used. Connect diagonal brace for 5258 at each end. Hax web total length is 14'.

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MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0'

CLR Reinforcing Member Substitution

No. No.

This detail is to be used when a Continuous Lateral Restraint (CLR) is specified on a truss design but an alternative web reinforcement method is desired.

This detail is only applicable for changing the specified CLR shown on single ply sealed designs to T-reinforcement or L-reinforcement or scab reinforcement.

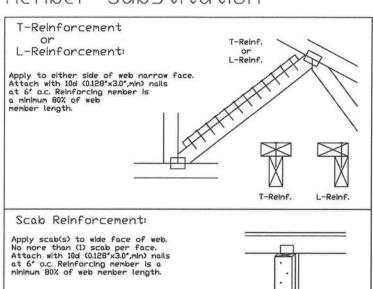
Alternative reinforcement specified in chart below may be conservative. For minimum alternative reinforcement, re-run design with appropriate reinforcement type.

Use scabs instead of L- or T- reinforcement on webs with intersecting truss joints, such as K-web joints, that may interfere with proper application along the narrow face of the web.

Web Member	Specified CLR	Alternative Reinforecement	
Size	Restraint	T- or L- Reinf.	Scab Reinf.
2x3 or 2x4	1 row	2×4	1-2×4
2x3 or 2x4	2 rows	2×6	2-2×4
2×6	1 row	2×4	1-2×6
2×6	2 rows	2×6	2-2×40#0
2x8	1 row	2×6	1-2×8
2×8	2 rows	2×6	2-2×6(*)

T-reinforcement, L-reinforcement, or scab reinforcement to be same species and grade or better than web member unless specified otherwise on Engineer's sealed design.

ON Center scab on wide face of web. Apply (1) scab to each face of web.





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MINVASHENGIMM READ AND FEELEDY ALL NOTES ON THES BRAVING MIN FERRIESH THES ERAVING TO ALL CENTRACTERS ENCLUDING THE INSTALLERS.

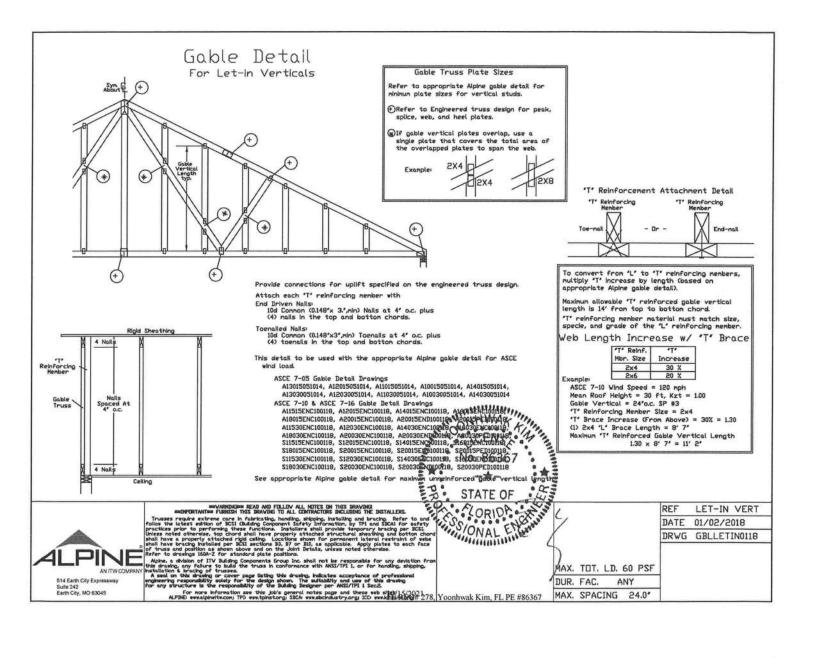
JC LL PSF REF TE DL PSF DATE BC DL PSF DRWG BRCLBSUB0119 RC LL PSF TOT. LD. PSF DUR. FAC.

CLR Subst.

01/02/19

Scab Reinf.

SPACING



13723 Riverport Drive Suite 200 Maryland Heights, MO 63043

160 mph Wind, 30.00 ft Mean Hgt, ASCE 7-16, Enclosed Bidg. located anywhere in roof, Exp C, Wind DL= 5.0 psf (min), Kzt=1.0. Dr 140 mph wind, 30.00 ft Mean Hgt, ASCE 7-16, Enclosed Bidg. located anywhere in roof, Exp D, wind DL= 5.0 psf (min), Kzt=1.0. Note: Top chards of trusses supporting piggyback cap trusses must be adequately braced by sheathing or purlins. The building Engineer of Record shall provide diagonal bracing or any other suitable anchorage to permanently restrain purlins, and lateral bracing for out of plane loads over gable ends. Maximum truss spacing is 24° o.c. detail is not applicable if cap supports additional loads such as cupola, steeple, chinney or drag strut loads. ** Refer to Engineer's sealed truss design drawing for piggyback and base truss specifications. Detail A: Purlin Spacing = 24" o.c. or less Piggyback cap truss slant nalled to all top chord purlin bracing with (2) 16d box nalls (0,135*x35*) and secure top chord with 2x4 #3 grade scab (I side only at each end) attached with 2 rows of 10d box nalls (0,128*x3*) at 4* o.c. Up to 12 Attach purlin bracing to the flat top chord using (2) 16d box nails (0.135'x3.5'). The top chord #3 grade 2x4 scab may be replaced with either of the following (1) 3X8 Irulox plate attached with (8) 0.120'x1.93'r nails, (4) into cap TC & (4) into base truss TC or (1) 28PB wave piggyback plate plated to the piggyback truss TC and attached to the base truss TC with (4) 0.120'x1.375' nails. Note Nailing thru holes of wave plate is acceptable, Purtin Spacing Flat top chord purlins required at both ends and at 24' max o.c. spacing in between. Top Chord Scab (Typical Each End) In addition, provide connection with one of the following methods: Detail B: Purlin Spacing > 24" o.c. Wish one to Trulox Dates for 2x4 chord member, and 3x10 Trulox Dates for 2x6 and larger chord members. Attach to each face 8 8' oc. with (4) 0.120'x1.37' nalls into cap botton chord and (4) in base truss top chord. Trulox plates may be staggered 4' o.c. front to back faces. Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135*x3.5*) and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128*x3*) at 4° o.c. Attach purlin bracing to the flat top chord using a minimum of (2) 16d box nails (0.135'x3.5'). APA Rated Gusset 8'x8'x7'16' (who) APA rated sheathing gussets (each face). Attach 8 8' o.c. with (8) 6d common (0.113'x2') nalls per gusset; (4) in cap botton chord and (4) in base truss top chord. Gussets nay be staggered 4' o.c. front to back faces. WHITE WALL 2x4 Vertical Scabs 2x4 SPF #2, full chord depth scabs (each face). Attach 8 of oc. with (6) 10d box nails (0.128*x3*) per scab, (3) in cap botton chord and (3) in base truss top chord. Scabs nay be staggered 4' o.c. front to back faces. 28PB Wave Piggyback Plate ISOPS WAVE PIGGYBACK Plate In 2008 wave piggyback plate to each face 8 8' o.c. Attach teeth to piggyback at time of fabrication. Attach to supporting truss with (4) 0.120'x.1.375' nolis per face per ply. Piggyback plates may be staggered 4' o.c. front to back faces. Flat top chord puren both ends, purlin spa -Top Chord Scab (Typical Each End) STATE OF PIGGYBACK sses require extreme core in febricating, handling, shipping, hastilling out bracing. Refer to and the latest edition of BCSI Guiding Component Safety Information, by TPI and SBCA) for safety to specify the performing the Functions. Installers shall provide temporary bracing per BCSI. Installers shall provide temporary bracing per BCSI, as noted otherwise, top chord shall have properly attached structural sheathing and botton choice have bracing installers and botton choice and provide temporary attached spid ceiting. Locations shown for permanent latent restricts of whee bracing batching bottom is shown for permanent latent restricts of which was not possible to provide the state of positions and the state of positions and the state of positions as shown advoce and on the Joint betalast, whees noted otherwise. DATE 01/02/2018 SONAL EN DRWG PB160160118

SPACING

k Kim, FL PE #86367

24.0"

Piggyback Detail - ASCE 7-16: 160 mph, 30' Mean Height, Enclosed, Exposure C, Kzt=1.00