

SCOSTA CORPORATION

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Engineering Cover Sheet

Job #: 21338S

Date: 10/23/2025 4:23:36 PM

Job Information:

Contractor:
 JM PROPERTIES OF W. PALM BEACH, INC

Job Name:
 POWELL/ SUITE

Address:
 Sw Grey Way

 High Springs FL 32643

Truss designs meet the criteria of FBC 8th Ed. 2023 Res.

Gravity - Roof (psf): TC LL 20 TC DL 10 BC DL 10 BC LL 0 Total: 40
 Wind: ASCE 7-22 130 MPH Exposure: C - Closed Risk Category: Residential - CAT II
 DL TO RESIST WIND TC 4 BC 6
 Gravity - Floor (psf): TC LL 0 TC DL 0 BC DL 0 BC LL 0 Total: 0

The following truss designs have been prepared with Alpine/ITW proprietary software, and reviewed by Eddie Jesus Mejia-Medina P.E. Florida Registered Engineer # 98829. This cover sheet is sealed in lieu of each individual sheet in accordance with 61G15-31.003, FAC Standard detail sheets and or sealed engineering sheets by Alpine/ITW are added to those listed below. The details are believed to be correct to the best of this engineer's knowledge, and the accuracy of the information provided by others cannot be guaranteed. Note the seal on this index sheet indicates acceptance of professional engineering responsibility as the truss design engineer solely for the Truss Design Drawings listed below. The suitability and use of each component for any particular building is the responsibility of the Building Designer, per ANSI/TPI 1 Section 2.

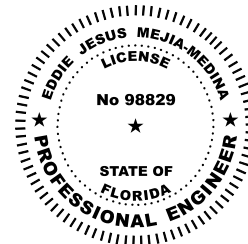
The Identity of the structural Engineer of Record has not been provided as of the seal date.



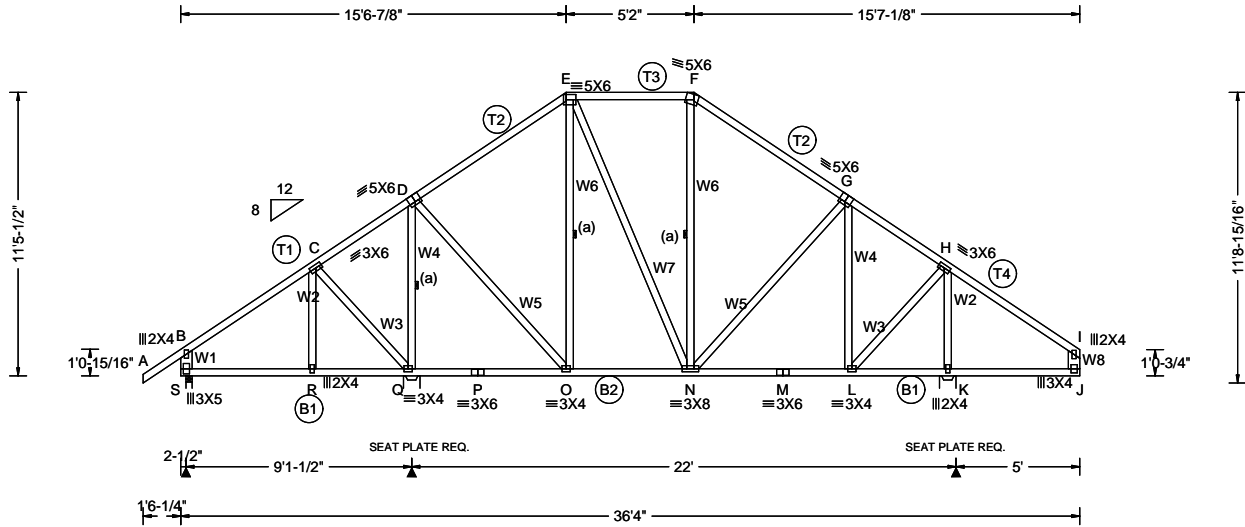
Order	ID	Date	Order	ID	Date
1	D4	10/23/2025	21	PB15	10/23/2025
2	D2	10/23/2025	22	PB17	10/23/2025
3	D5	10/23/2025	23	PB14	10/23/2025
4	D3	10/23/2025	24	PB16	10/23/2025
5	D6	10/23/2025	25	B17	10/23/2025
6	D1	10/23/2025	26	B18	10/23/2025
7	D7	10/23/2025	27	EJ2A	10/23/2025
8	E4	10/23/2025	28	J1C	10/23/2025
9	E5	10/23/2025	29	CJ2	10/23/2025
10	E2	10/23/2025			
11	E3	10/23/2025			
12	E1	10/23/2025			
13	V8	10/23/2025			
14	V7	10/23/2025			
15	V6	10/23/2025			
16	V5	10/23/2025			
17	V4	10/23/2025			
18	V3	10/23/2025			
19	V2	10/23/2025			
20	V1	10/23/2025			

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY EDDIE JESUS MEJIA-MEDINA PE ON THE DATE SHOWN ON THE TIME STAMP USING A DIGITAL SIGNATURE.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.



Truss Label: D4	Job Number: 21338S Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 9 Wgt: 253.4 lbs	SEQN: 30274 / T168 / COMN DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.76 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.63 ft ft Loc. from endwall: not in 9.00 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.054 I 999 360 VERT(TL): 0.110 J 579 240 HORZ(LL): -0.032 I - - HORZ(TL): 0.061 I - - Creep Factor: 2.0 Max TC CSI: 0.369 Max BC CSI: 0.361 Max Web CSI: 0.985 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs) Gravity Loc R+ / R- / Rh / Rw / U / RL S 414 /- /- /203 /45 /320 Q 1579 /- /- /823 /- /- K 1544 /- /- /695 /45 /- Non-Gravity S Brg Wid = 3.0 Min Req = 1.5 (Truss) Q Brg Wid = 8.0 Min Req = 1.9 (Truss) K Brg Wid = 8.0 Min Req = 1.8 (Truss) Bearings S, Q, & K are a rigid surface. Bearings Q & K require a seat plate. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.
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Lumber Top chord: 2x4 SP 2400f-2.0E; T3 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #2; W1,W8 2x6 SP #2;	Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 54 0 E - F 368 -492 B - C 165 -275 F - G 357 -703 C - D 244 -18 G - H 248 -596 D - E 354 -615 H - I 377 -133
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Bracing (a) Continuous lateral restraint equally spaced on member.	Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. S - R 351 -276 N - M 455 -27 R - Q 350 -277 M - L 455 -27 Q - P 226 -261 L - K 144 -199 P - O 226 -261 K - J 151 -213 O - N 421 -88
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Loading Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.	Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. B - S 251 -356 N - F 70 -60 R - C 176 0 N - G 177 -120 C - Q 130 -336 G - L 190 -470 Q - D 225 -1151 L - H 864 -129 D - O 661 0 H - K 426 -1413 E - O 63 -277 I - J 73 -58 E - N 245 -113
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Purlins
In lieu of structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 48" oc, all BC @ 24" oc.

Wind
End verticals not exposed to wind pressure.
Left and right cantilevers are exposed to wind
Wind loading based on both gable and hip roof types.


Additional Notes
Top Chord overhang(s) may be field trimmed.

EDDIE JESUS MEJIA-MEDINA
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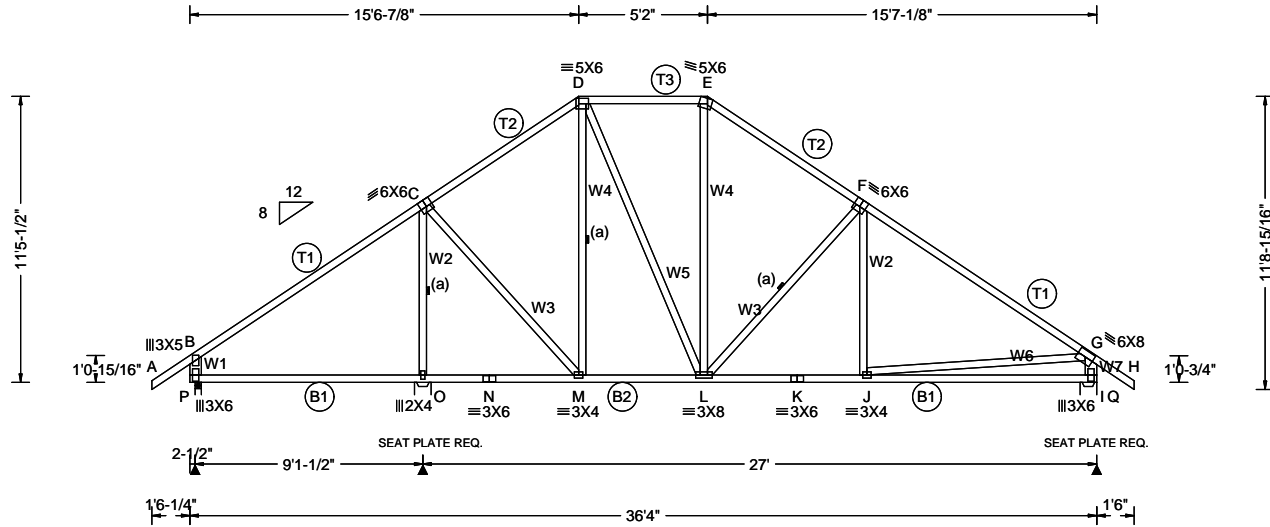
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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. **A 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.**


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Truss Label: D2	Job Number: 213388 Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 6 Wgt: 238.0 lbs	SEQN: 30265 / T8 / SPEC DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.76 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.63 ft ft Loc. from endwall: Any 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.039 J 999 360 VERT(TL): 0.072 J 999 240 HORZ(LL): 0.019 D - - HORZ(TL): 0.036 D - - Creep Factor: 2.0 Max TC CSI: 0.590 Max BC CSI: 0.405 Max Web CSI: 0.320 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs) Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity P 758 -/ - /442 /234 /304 O 1607 -/ - /740 /70 -/ Q 1415 -/ - /725 /269 -/ Wind reactions based on MWFRS P Brg Wid = 3.0 Min Req = 1.5 (Truss) O Brg Wid = 8.0 Min Req = 1.5 (Truss) Q Brg Wid = 8.0 Min Req = 1.5 (Truss) Bearings P, O, & Q are a rigid surface. Bearings O & Q require a seat plate. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 54 0 E - F 621 -1214 B - C 399 -663 F - G 568 -1744 C - D 593 -1020 G - H 53 0 D - E 576 -897
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Lumber
Top chord: 2x4 SP 2400f-2.0E; T3 2x4 SP #2;
Bot chord: 2x4 SP 2400f-2.0E;
Webs: 2x4 SP #2; W1,W7 2x6 SP #2;

Bracing
(a) Continuous lateral restraint equally spaced on member.

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

Purlins
In lieu of structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 48" oc, all BC @ 24" oc.

Wind
End verticals not exposed to wind pressure.
Left cantilever is exposed to wind
Wind loading based on both gable and hip roof types.

Additional Notes
Top Chord overhang(s) may be field trimmed.

Maximum Bot Chord Forces Per Ply (lbs)			
Chords	Tens.Comp.	Chords	Tens. Comp.
P - O	547 -326	L - K	1314 -278
O - N	551 -325	K - J	1314 -278
N - M	551 -325	J - I	460 -205
M - L	730 -98		
Maximum Web Forces Per Ply (lbs)			
Webs	Tens.Comp.	Webs	Tens. Comp.
B - P	437 -643	L - E	284 -118
O - C	322 -1163	L - F	316 -635
C - M	652 -114	F - J	311 0
D - M	137 -328	J - G	897 -70
D - L	442 -123	G - I	539 -1332


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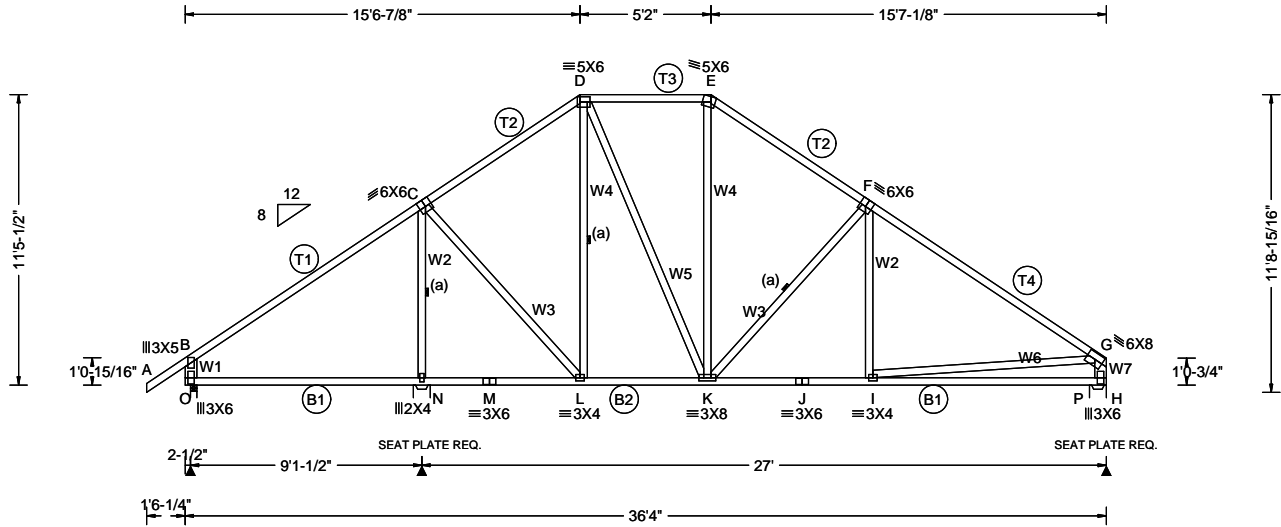
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Truss Label: D5	Job Number: 21338S Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 4 Wgt: 235.2 lbs	SEQN: 30277 / T158 / COMN DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.76 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.63 ft ft Loc. from endwall: not in 9.00 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.041 I 999 360 VERT(TL): 0.076 I 999 240 HORZ(LL): 0.023 D - - HORZ(TL): 0.043 D - - Creep Factor: 2.0 Max TC CSI: 0.602 Max BC CSI: 0.774 Max Web CSI: 0.325 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs) Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity O 775 /- /- /450 /107 /319 N 1587 /- /- /724 /- /- P 1322 /- /- /716 /43 /- Wind reactions based on MWFRS O Brg Wid = 3.0 Min Req = 1.5 (Truss) N Brg Wid = 8.0 Min Req = 1.9 (Truss) P Brg Wid = 8.0 Min Req = 1.6 (Truss) Bearings O, N, & P are a rigid surface. Bearings N & P require a seat plate. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 54 0 D - E 475 -905 B - C 320 -689 E - F 506 -1222 C - D 488 -1032 F - G 444 -1752
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Lumber
Top chord: 2x4 SP 2400f-2.0E; T3 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2; W1,W7 2x6 SP #2;

Bracing
(a) Continuous lateral restraint equally spaced on member.

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

Purlins
In lieu of structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 48" oc, all BC @ 24" oc.

Wind
End verticals not exposed to wind pressure.
Left cantilever is exposed to wind
Wind loading based on both gable and hip roof types.

Additional Notes
Top Chord overhang(s) may be field trimmed.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
O - N	539 -329	K - J	1321 -243
N - M	543 -328	J - I	1321 -243
M - L	543 -328	I - H	467 -191
L - K	740 -108		

Maximum Web Forces Per Ply (lbs)


Webs	Tens.Comp.	Webs	Tens. Comp.
B - O	374 -656	K - E	289 -80
N - C	286 -1149	K - F	237 -634
C - L	637 -118	F - I	310 0
D - L	141 -315	I - G	862 -82
D - K	436 -125	G - H	374 -1238

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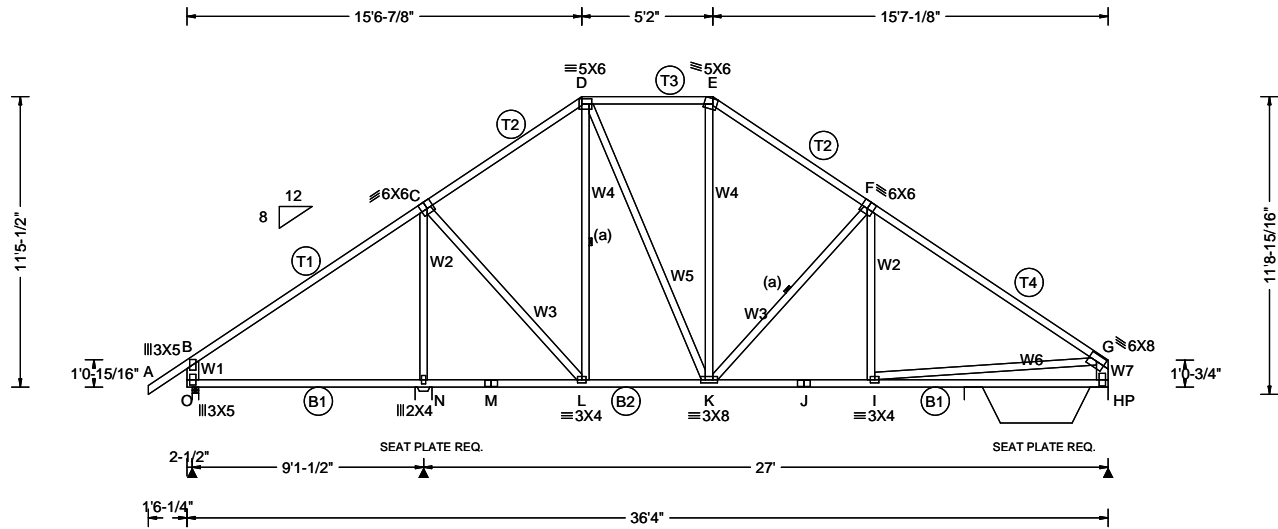
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Truss Label: D3	Job Number: 213388 Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 2 Wgt: 235.2 lbs	SEQN: 30270 / T186 / COMN DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.76 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.63 ft ft Loc. from endwall: not in 9.00 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.038 I 999 360 VERT(TL): 0.068 I 999 240 HORZ(LL): 0.019 D - - HORZ(TL): 0.034 D - - Creep Factor: 2.0 Max TC CSI: 0.591 Max BC CSI: 0.352 Max Web CSI: 0.992 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL O 759 -/ - / - /444 /115 /319 N 1583 -/ - / - /715 -/ - P* 237 -/ - / - /130 /6 -/ Wind reactions based on MWFRS O Brg Wid = 3.0 Min Req = 1.5 (Truss) N Brg Wid = 8.0 Min Req = 1.5 (Truss) P Brg Wid = 68.0 Min Req = - Bearings O, N, & I are a rigid surface. Bearings N & I require a seat plate.
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Lumber Top chord: 2x4 SP 2400f-2.0E; T3 2x4 SP #2; Bot chord: 2x4 SP 2400f-2.0E; Webs: 2x4 SP #2; W1,W7 2x6 SP #2;	Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 54 0 D - E 487 -876 B - C 330 -664 E - F 520 -1189 C - D 499 -1003 F - G 483 -1653
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Bracing (a) Continuous lateral restraint equally spaced on member.	Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. O - N 531 -340 K - J 1241 -275 N - M 535 -339 J - I 1241 -275 M - L 535 -339 I - H 774 -462 L - K 716 -121
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Plating Notes All plates are 3X6 except as noted.	Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. B - O 379 -643 K - E 271 -87 N - C 288 -1137 K - F 267 -556 C - L 630 -127 F - I 137 0 D - L 142 -320 I - G 905 -74 D - K 424 -132 G - H 395 -1183
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Loading
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Purlins
In lieu of structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 48" oc, all BC @ 24" oc.

Wind
End verticals not exposed to wind pressure.
Left cantilever is exposed to wind
Wind loading based on both gable and hip roof types.

Additional Notes
Top Chord overhang(s) may be field trimmed.


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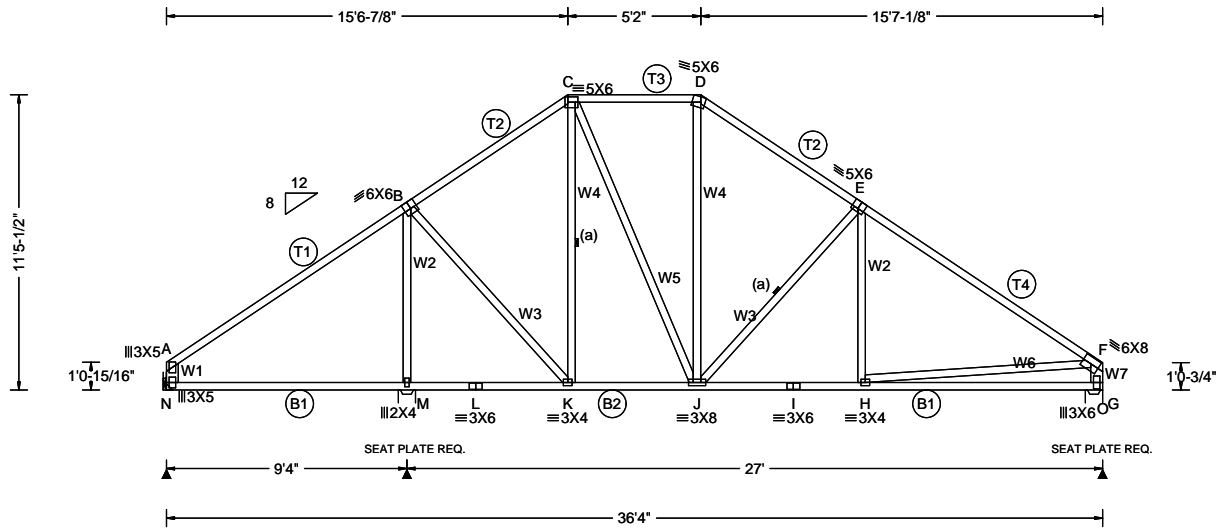
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Truss Label: D6	Job Number: 21338S Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 2 Wgt: 232.4 lbs	SEQN: 30284 / T3 / COMN DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 16.26 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.63 ft ft Loc. from endwall: Any 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.041 H 999 360 VERT(TL): 0.076 H 999 240 HORZ(LL): 0.023 C - - HORZ(TL): 0.043 C - - Creep Factor: 2.0 Max TC CSI: 0.602 Max BC CSI: 0.774 Max Web CSI: 0.976 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	Maximum Reactions (lbs) Gravity Loc R+ / R- / Rh / Rw / U / RL N 697 /- /- /451 /197 /300 M 1559 /- /- /710 /90 /- O 1322 /- /- /718 /241 /- Non-Gravity Wind reactions based on MWFRS N Brg Wid = - Min Req = - M Brg Wid = 8.0 Min Req = 1.8 (Truss) O Brg Wid = 8.0 Min Req = 1.6 (Truss) Bearings M & O are a rigid surface. Bearings M & O require a seat plate. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 376 -689 D - E 619 -1222 B - C 588 -1032 E - F 568 -1752 C - D 574 -905
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Lumber
Top chord: 2x4 SP 2400f-2.0E; T3 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2; W1,W7 2x6 SP #2;

Bracing
(a) Continuous lateral restraint equally spaced on member.

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

Purlins
In lieu of structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 48" oc, all BC @ 24" oc.

Wind
End verticals not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
N - M	553 -325	J - I	1321 -323
M - L	557 -323	I - H	1321 -323
L - K	557 -323	H - G	467 -229
K - J	740 -105		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
A - N	344 -578	J - D	289 -116
M - B	349 -1120	J - E	324 -634
B - K	626 -122	E - H	310 0
C - K	144 -306	H - F	862 -91
C - J	433 -127	F - G	460 -1238


Additional Notes
Provide hanger or special connection at left end of truss for 697 lbs.

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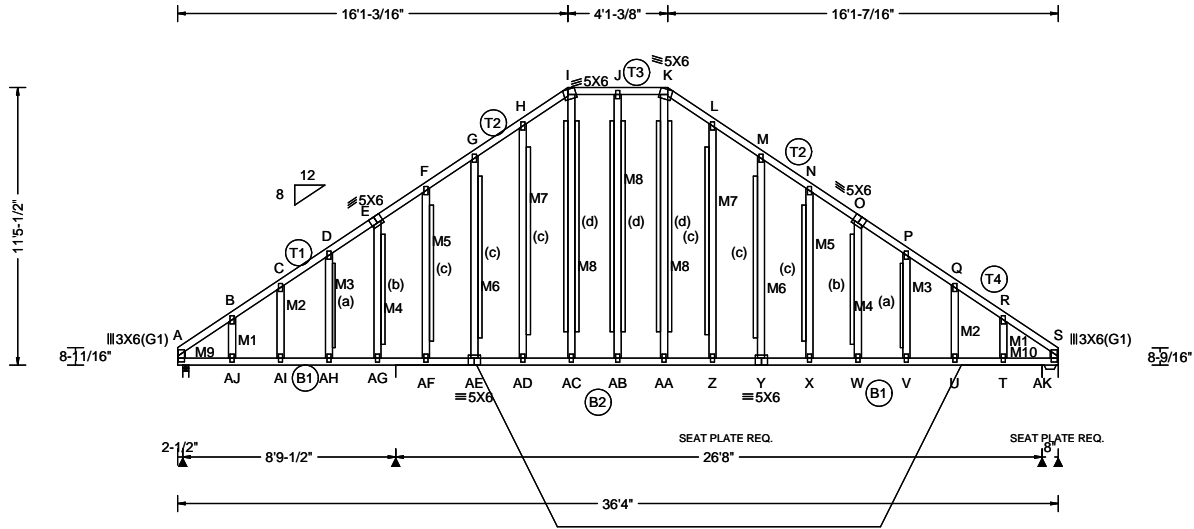
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 16.09 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.63 ft ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	PP Deflection in loc L/defl L/# VERT(LL): 0.162 AI 642 360 VERT(TL): 0.342 AI 304 240 HORZ(LL): 0.131 C - - HORZ(TL): 0.277 C - - Creep Factor: 2.0 Max TC CSI: 0.479 Max BC CSI: 0.878 Max Web CSI: 0.555 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 586 -/ - /365 /140 /311 AK*78 -/ - /52 /12 -/ AK 382 -/ - /418 /163 -/ AF -/232 Wind reactions based on MWFRS A Brg Wid = 3.0 Min Req = 1.5 (Truss) AK Brg Wid = 320 Min Req = - AK Brg Wid = 8.0 Min Req = 1.5 (Truss) Bearings A, AG, & AK are a rigid surface. Bearings AG & AK require a seat plate.
Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE			▲ Maximum Top Chord Forces Per Ply (lbs)	

Lumber
 Top chord: 2x4 SP #2;
 Bot chord: 2x4 SP #2;
 Webs: 2x4 SP #2;
 Lt Stub Wedge: 2x4 SP #2; Rt Stub Wedge: 2x4 SP #2;

Plating Notes
 All plates are 2X4 except as noted.

Purlins
 In lieu of structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 48" oc, all BC @ 24" oc.

Wind
 Left cantilever is exposed to wind
 Wind loading based on both gable and hip roof types.
 Gable meets L/360 deflection criteria for wind load applied to face. Calculated deflection ratio is L/561.

Additional Notes
 Exposed portion of gable face shall be reinforced with sheathing and the wind pressures shall be transferred into lateral diaphragms. Connections and designs for diaphragms is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	161 -519	J - K	550 -342
B - C	217 -481	K - L	632 -450
C - D	264 -435	L - M	559 -446
D - E	304 -375	M - N	486 -450
E - F	430 -474	N - O	415 -470
F - G	497 -466	O - P	346 -490
G - H	557 -443	P - Q	276 -511
H - I	632 -450	Q - R	259 -529
I - J	550 -342	R - S	277 -576

Chords	Tens.Comp.	Chords	Tens. Comp.
A - AJ	719 -271	AB-AA	458 -222
AJ-AI	463 -226	AA-Z	456 -220
AI-AH	463 -224	Z - Y	456 -220
AH-AG	462 -224	Y - X	456 -220
AG-AF	918 -445	X - W	456 -220
AF-AE	458 -222	W - V	457 -219
AE-AD	457 -221	V - U	457 -219
AD-AC	456 -221	U - T	457 -218
AC-AB	458 -222	T - S	458 -217

Gables	Tens.Comp.	Gables	Tens. Comp.
B - AJ	87 -83	AA - K	186 -264
C - AI	69 -46	Z - L	115 -136
D - AH	54 -20	Y - M	114 -132
E - AG	213 -313	X - N	110 -128
F - AF	103 -115	W - O	108 -125
G - AE	92 -89	V - P	111 -128

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D1	Job Number: 21338S	Ply: 1	SEQN: 30294 / T170 / GABL
	Job Name: POWELL/ SUITE	Qty: 1	DESIGNER: CLG
	Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Wgt: 295.4 lbs	10/23/2025 Page 2 of 2

Gable Reinforcement

- (a) 1x4 SP/DF Stud or better "L" reinforcement. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
- (b) 2x4 SP/DF Stud or better "L" reinforcement. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
- (c) 2x6 SP/DF Stud or better "L" reinforcement. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
- (d) Two 2x6 SP/DF Stud or better "L" reinforcements. 80% length of web member. Attach one to each narrow face of web with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 6" oc for the remainder.

H -AD	118	- 141	U - Q	106	- 127
I -AC	153	- 264	T - R	113	- 122
J -AB	111	- 144			

PLATING NOTES

All plates are 2X4 except as noted.

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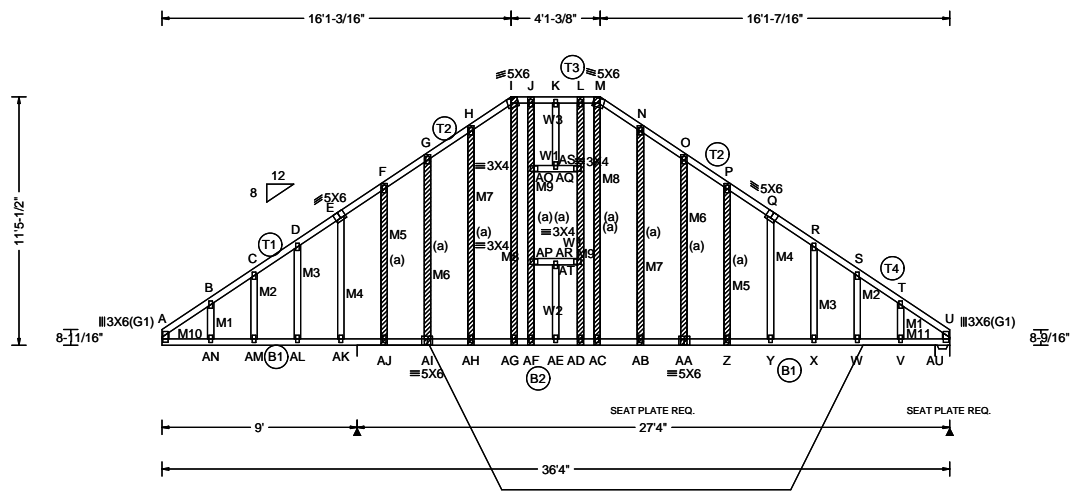
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2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or * = PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 16.09 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.63 ft ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.106 AM 535 360 VERT(TL): 0.224 AM 254 240 HORIZ(LL): 0.059 C - - HORIZ(TL): 0.124 C - - Creep Factor: 2.0 Max TC CSI: 0.169 Max BC CSI: 0.267 Max Web CSI: 0.319 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL AU*124 - / - / - /62 - /14 AU - /-307 - / /119 /280 - /- AJ - /-503 Wind reactions based on MWFRS AU Brg Wid = 320 Min Req = - AU Brg Wid = 8.0 Min Req = 1.5 (Truss) Bearings AK & AU are a rigid seat plate. Bearings AK & AU require a seat plate. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.

Lumber
Top chord: 2x4 SP 2400f-2.0E; T3 2x4 SP #2;
Bot chord: 2x4 SP 2400f-2.0E;
Webs: 2x4 SP #2; M9 2x4 SP 2400f-2.0E;
Lt Stub Wedge: 2x4 SP #2; Rt Stub Wedge: 2x4 SP #2;

Nailnote
Nail Schedule: 0.148"x3.25", min. nails
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 1 Row @ 12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Additional Notes
Negative reaction(s) of -307# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

Exposed portion of gable face shall be reinforced with sheathing and the wind pressures shall be transferred into lateral diaphragms. Connections and designs for diaphragms is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

Plating Notes

All plates are 2X4 except as noted.

Purlins

In lieu of structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 48" oc, all BC @ 24" oc.

Wind

Left cantilever is exposed to wind
Wind loading based on both gable and hip roof types.
Gable meets L/360 deflection criteria for wind load applied to face. Calculated deflection ratio is L/866.

Gable Reinforcement

(a) SP/DF Stud or better Scab reinforcement. Full truss height along web member. Attach to the wide face with 10d (0.131"x3",min.) nails @ 4" oc in the web plus (2)10d (0.131"x3",min.) nails in each chord.

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Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - AN	147 -199	AE-AD	154 -208
AN-AM	149 -201	AD-AC	154 -208
AM-AL	150 -202	AC-AB	154 -206
AL-AK	150 -202	AB-AA	153 -206
AK-AJ	305 -410	AA-Z	153 -205
AJ-AI	153 -205	Z - Y	152 -204
AI-AH	153 -206	Y - X	152 -204
AH-AG	154 -206	X - W	151 -204
AG-AF	154 -208	W - V	149 -203
AF-AE	154 -208	V - U	147 -202

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
AO-AQ	0 0	AQ-AS	0 0
AP-AR	0 0	AR-AE	2 -4
K -AQ	19 -12	AR-AT	0 0

Maximum Gable Forces Per Ply (lbs)


Gables	Tens.Comp.	Gables	Tens. Comp.
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D7

Job Number: 21338S
Job Name: POWELL/ SUITE
Customer Name: JM PROPERTIES OF W. PALM BEACH, INC

Ply: 2
Qty: 1
Wgt: 655.2 lbs

SEQN: 30307 / T1 / GABL
DESIGNER: CLG
10/23/2025 Page 2 of 2

B -AN	42	-35	L -AS	37	-65
C -AM	39	-32	AS-AT	45	-70
D -AL	32	-25	AT-AD	44	-68
E -AK	155	-199	AC- M	30	-158
F -AJ	49	-52	AB- N	58	-71
G -AI	45	-48	AA- O	56	-62
H -AH	61	-75	Z - P	55	-64
I -AG	20	-156	Y - Q	54	-62
J -AO	38	-68	X - R	56	-65
AO-AP	46	-72	W - S	51	-59
AP-AF	45	-71	V - T	76	-92

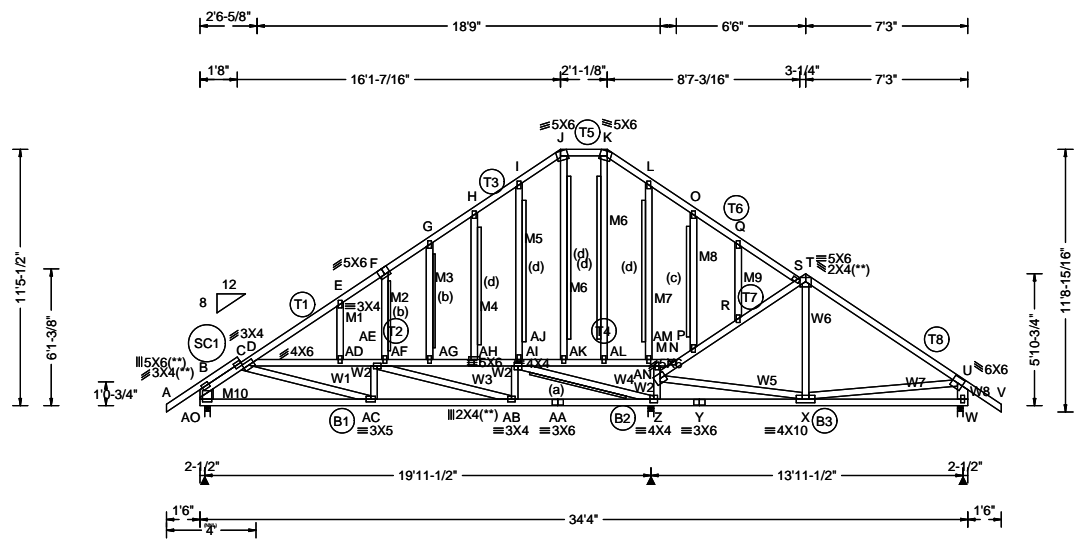
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)																																																																																																																											
TCLL: 20.00 TCCL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.76 ft TCCL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.43 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.144 AG 999 360 VERT(TL): 0.285 AG 845 240 HORZ(LL): 0.082 G - - HORZ(TL): 0.167 G - - Creep Factor: 2.0 Max TC CSI: 0.706 Max BC CSI: 0.672 Max Web CSI: 0.926 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="6">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>Loc</th> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>AO</td> <td>967</td> <td>-</td> <td>-</td> <td>-</td> <td>/68</td> <td>-</td> <td></td> <td></td> </tr> <tr> <td>Z</td> <td>1287</td> <td>-</td> <td>-</td> <td>-</td> <td>/98</td> <td>-</td> <td></td> <td></td> </tr> <tr> <td>W</td> <td>754</td> <td>-</td> <td>-</td> <td>-</td> <td>/132</td> <td>-</td> <td></td> <td></td> </tr> </tbody> </table> <p>Wind reactions based on MWFRS AO Brg Wid = 3.0 Min Req = 1.5 (Truss) Z Brg Wid = 3.0 Min Req = 1.5 (Truss) W Brg Wid = 3.0 Min Req = 1.5 (Truss) Bearings AO, Z, & W are a rigid surface.</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="6">Maximum Top Chord Forces Per Ply (lbs)</th> </tr> <tr> <th>Chords</th> <th>Tens.</th> <th>Comp.</th> <th>Chords</th> <th>Tens.</th> <th>Comp.</th> </tr> </thead> <tbody> <tr><td>A - B</td><td>61</td><td>-23</td><td>L - O</td><td>15</td><td>-298</td></tr> <tr><td>B - C</td><td>33</td><td>-1155</td><td>M - N</td><td>130</td><td>-837</td></tr> <tr><td>C - D</td><td>20</td><td>-1087</td><td>N - P</td><td>96</td><td>-486</td></tr> <tr><td>D - E</td><td>21</td><td>-349</td><td>O - Q</td><td>17</td><td>-269</td></tr> <tr><td>E - F</td><td>11</td><td>-298</td><td>P - R</td><td>72</td><td>-399</td></tr> <tr><td>F - G</td><td>19</td><td>-342</td><td>Q - S</td><td>29</td><td>-314</td></tr> <tr><td>G - H</td><td>13</td><td>-309</td><td>R - S</td><td>49</td><td>-344</td></tr> <tr><td>H - I</td><td>8</td><td>-283</td><td>S - T</td><td>31</td><td>-370</td></tr> <tr><td>I - J</td><td>17</td><td>-295</td><td>T - U</td><td>122</td><td>-740</td></tr> <tr><td>J - K</td><td>6</td><td>-226</td><td>U - V</td><td>53</td><td>-20</td></tr> <tr><td>K - L</td><td>20</td><td>-295</td><td></td><td></td><td></td></tr> </tbody> </table>	Gravity						Non-Gravity			Loc	R+	/R-	/Rh	/Rw	/U	/RL			AO	967	-	-	-	/68	-			Z	1287	-	-	-	/98	-			W	754	-	-	-	/132	-			Maximum Top Chord Forces Per Ply (lbs)						Chords	Tens.	Comp.	Chords	Tens.	Comp.	A - B	61	-23	L - O	15	-298	B - C	33	-1155	M - N	130	-837	C - D	20	-1087	N - P	96	-486	D - E	21	-349	O - Q	17	-269	E - F	11	-298	P - R	72	-399	F - G	19	-342	Q - S	29	-314	G - H	13	-309	R - S	49	-344	H - I	8	-283	S - T	31	-370	I - J	17	-295	T - U	122	-740	J - K	6	-226	U - V	53	-20	K - L	20	-295			
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Z	1287	-	-	-	/98	-																																																																																																																									
W	754	-	-	-	/132	-																																																																																																																									
Maximum Top Chord Forces Per Ply (lbs)																																																																																																																															
Chords	Tens.	Comp.	Chords	Tens.	Comp.																																																																																																																										
A - B	61	-23	L - O	15	-298																																																																																																																										
B - C	33	-1155	M - N	130	-837																																																																																																																										
C - D	20	-1087	N - P	96	-486																																																																																																																										
D - E	21	-349	O - Q	17	-269																																																																																																																										
E - F	11	-298	P - R	72	-399																																																																																																																										
F - G	19	-342	Q - S	29	-314																																																																																																																										
G - H	13	-309	R - S	49	-344																																																																																																																										
H - I	8	-283	S - T	31	-370																																																																																																																										
I - J	17	-295	T - U	122	-740																																																																																																																										
J - K	6	-226	U - V	53	-20																																																																																																																										
K - L	20	-295																																																																																																																													

Lumber
 Top chord: 2x4 SP #2;
 Bot chord: 2x4 SP #2;
 Webs: 2x4 SP #2; W8 2x6 SP #2;
 M7 2x4 SP 2400f-2.0E;
 Stack Chord: SC1 2x4 SP #2;
 Lt Stub Wedge: 2x6 SP #2;

Wind
 Right end vertical not exposed to wind pressure.
 Left and right cantilevers are exposed to wind
 Wind loading based on both gable and hip roof types.
 Gable meets L/360 deflection criteria for wind load applied to face. Calculated deflection ratio is L/383.

Bracing
 (a) 1x4 #2 SYP,HF,OR SPF "T" reinforcement. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" oc.

Special Loads
 -----(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
 TC: From 64 plf at -1.50 to 64 plf at 1.67
 TC: From 32 plf at 1.67 to 32 plf at 20.58
 TC: From 64 plf at 20.58 to 64 plf at 35.83
 BC: From 10 plf at 0.00 to 10 plf at 19.06
 BC: From 20 plf at 19.06 to 20 plf at 34.33
 TC: -5 lb Conc. Load at 1.50
 TC: 48 lb Conc. Load at 3.06, 5.06, 7.06, 9.06
 11.06,13.06,15.06,17.06,19.06
 BC: 5 lb Conc. Load at 1.50
 BC: 30 lb Conc. Load at 3.06, 5.06, 7.06, 9.06
 11.06,13.06,15.06,17.06,19.06

Plating Notes
 All plates are 2X4 except as noted.

Purlins
 In lieu of structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 24" oc, all BC @ 24" oc.

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Maximum Bot Chord Forces Per Ply (lbs)					
Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - AC	866	-9	Z - Y	21	-378
AC-AB	2042	0	Y - X	21	-378
AB-AA	1434	0	X - W	280	-36
AA - Z	1434	0			

Maximum Web Forces Per Ply (lbs)					
Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - AD	0	-1769	AJ-AK	584	-55
D - AC	1216	0	AK-AL	584	-54
AD-AE	0	-1773	AL-AM	583	-55
AC-AE	60	-232	AM-AN	584	-55
AE-AF	0	-1255	Z - M	160	-607
AE-AB	23	-601	M - X	895	-84
AF-AG	0	-1259	AN - M	96	-144
AG-AH	0	-1260	AN - N	497	-76
AH-AI	0	-1261	T - X	169	-28
AB-AI	371	0	X - U	269	-27
AI-AJ	585	-55	U - W	165	-686

Gable Reinforcement

(b) 1x4 SP/DF Stud or better "L" reinforcement. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

(c) 2x4 SP/DF Stud or better "L" reinforcement. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

(d) 2x6 SP/DF Stud or better "L" reinforcement. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

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Maximum Gable Forces Per Ply (lbs)				
Gables	Tens.Comp.	Gables	Tens. Comp.	
E -AD	25 - 141	J -AK	18	0
F -AF	34 - 199	AL- K	47	0
G -AG	9 - 53	AM- L	52	- 104
H -AH	12 - 67	O - P	43	- 178
I -AJ	36 - 138	Q - R	42	- 98

Additional Notes

Exposed portion of gable face shall be reinforced with sheathing and the wind pressures shall be transferred into lateral diaphragms. Connections and designs for diaphragms is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

Stacked top chord must NOT be notched or cut in area (NNL). 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.

Top Chord overhang(s) may be field trimmed.

PLATING NOTES

All plates are 2X4 except as noted.

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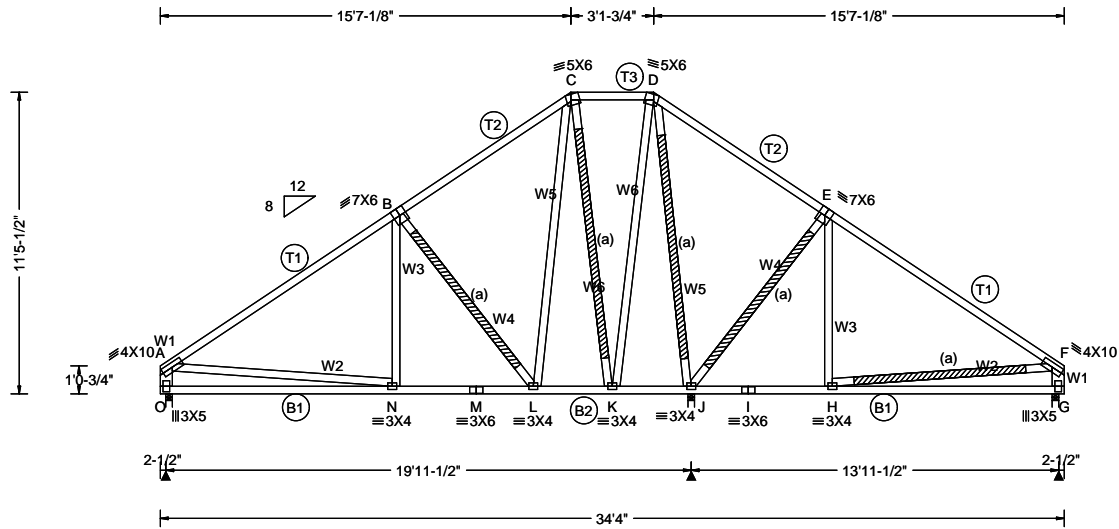
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 SEBRING, FL 33870
 (863)385-8242

Truss Label: E5	Job Number: 21338S Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 1 Wgt: 253.4 lbs	SEQN: 30192 / T49 / HIPS DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 16.26 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.43 ft ft Loc. from endwall: not in 9.00 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.024 L 999 360 VERT(TL): 0.050 N 999 240 HORZ(LL): 0.012 B - - HORZ(TL): 0.026 B - - Creep Factor: 2.0 Max TC CSI: 0.819 Max BC CSI: 0.599 Max Web CSI: 0.503 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs) Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity O 857 /- /- /530 /137 /297 J 1438 /- /- /808 /266 /- G 593 /- /- /366 /91 /- Wind reactions based on MWFRS O Brg Wid = 3.0 Min Req = 1.5 (Truss) J Brg Wid = 3.0 Min Req = 1.5 (Truss) G Brg Wid = 3.0 Min Req = 1.5 (Truss) Bearings O, J, & G are a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 234 -1012 D - E 236 -140 B - C 305 -576 E - F 145 -591 C - D 264 -212
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Lumber
Top chord: 2x4 SP #2; T1 2x4 SP 2400f-2.0E;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2; W1 2x6 SP #2;

Bracing
(a) #3 or better scab reinforcement. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" oc.

Purlins
In lieu of structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 24" oc, all BC @ 24" oc.

Wind
End verticals not exposed to wind pressure.
Left and right cantilevers are exposed to wind
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
O - N	601 -351	K - J	238 -131
N - M	713 -197	J - I	364 0
M - L	713 -197	I - H	364 0
L - K	344 -125	H - G	387 -157

Maximum Web Forces Per Ply (lbs)


Webs	Tens.Comp.	Webs	Tens. Comp.
A - O	240 -775	K - D	653 -160
A - N	311 -2	D - J	176 -875
N - B	316 0	J - E	269 -622
B - L	251 -588	E - H	332 0
L - C	533 -160	H - F	174 -138
C - K	197 -601	F - G	184 -510

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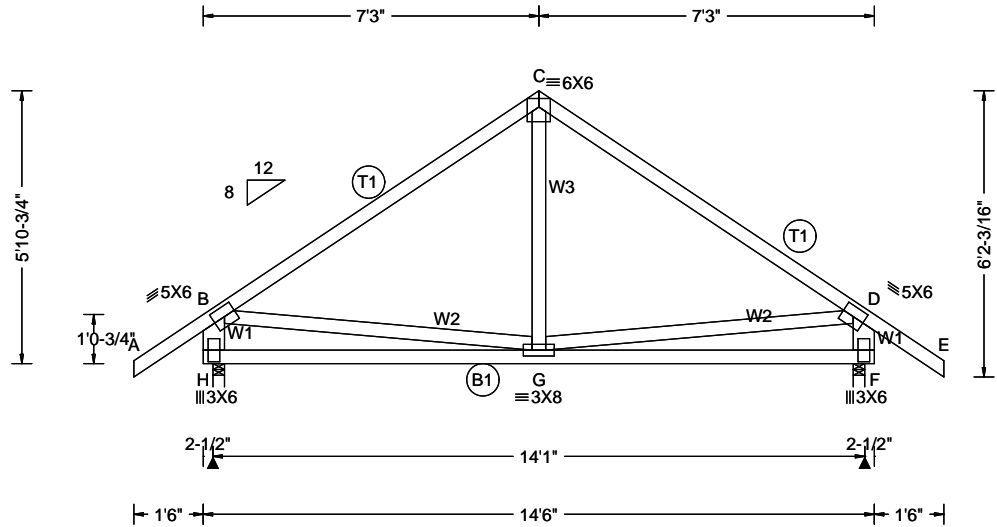
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 WOOD, STEEL OR TIMBER
 ROOF OR FLOOR TRUSSES
 3670 COMMERCE CENTER DRIVE
 SEBRING, FL 33870
 (863)385-8242

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

Truss Label: E2	Job Number: 213388 Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 8 Wgt: 88.2 lbs	SEQN: 30083 / T167 / COMN DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: Any 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	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.008 C 999 360 VERT(TL): 0.017 G 999 240 HORZ(LL): 0.003 F - - HORZ(TL): 0.006 C - - Creep Factor: 2.0 Max TC CSI: 0.620 Max BC CSI: 0.453 Max Web CSI: 0.148 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL H 710 /- /- /355 /125 /136 F 710 /- /- /355 /125 /- Wind reactions based on MWFRS H Brg Wid = 3.0 Min Req = 1.5 (Truss) F Brg Wid = 3.0 Min Req = 1.5 (Truss) Bearings H & F are a rigid surface.					
				Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 53 0 C - D 286 -682 B - C 286 -682 D - E 53 0					

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2; W1 2x6 SP #2;

Purlins
In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc

Wind
End verticals not exposed to wind pressure.
Left and right cantilevers are exposed to wind
Wind loading based on both gable and hip roof types.

Additional Notes
Top Chord overhang(s) may be field trimmed.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
H - G	349 -198	G - F	251 -138

Maximum Web Forces Per Ply (lbs)


Webs	Tens.Comp.	Webs	Tens. Comp.
B - H	424 -647	G - D	298 -86
B - G	292 -80	D - F	424 -647
C - G	289 0		

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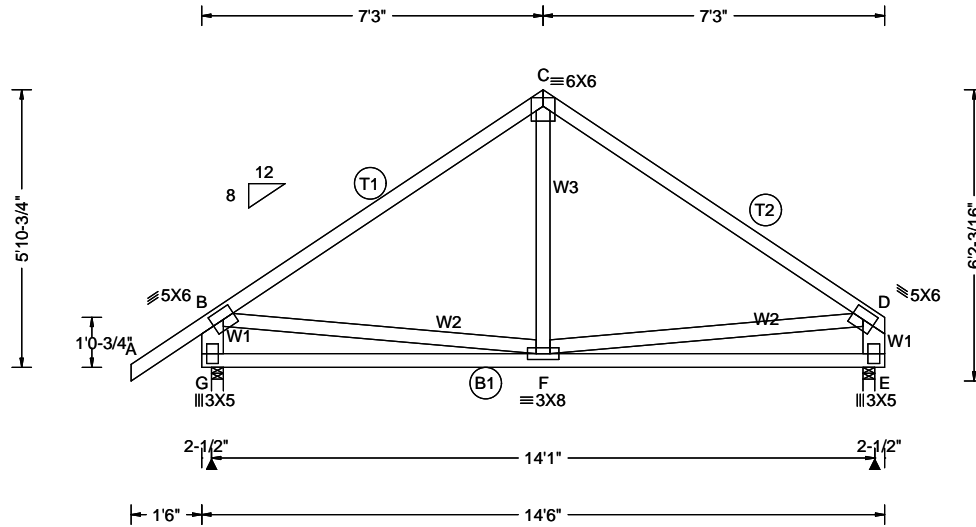
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCEA: www.sbceaindstry.com; ICC: www.iccsafe.org



SCOSTA CORPORATION
WOOD STEEL OR TIMBER
ROOF OR FLOOR TRUSSES
3670 COMMERCE CENTER DRIVE
SEBRING, FL 33870
(863)385-8242

Truss Label: E3	Job Number: 213388 Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 1 Wgt: 84.0 lbs	SEQN: 30087 / T52 / SPEC DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.008 C 999 360 VERT(TL): 0.017 F 999 240 HORZ(LL): 0.003 E - - - HORZ(TL): 0.006 C - - - Creep Factor: 2.0 Max TC CSI: 0.620 Max BC CSI: 0.458 Max Web CSI: 0.148 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G 710 /- /- /356 /14 /152 E 609 /- /- /343 /5 /- Wind reactions based on MWFRS G Brg Wid = 3.0 Min Req = 1.5 (Truss) E Brg Wid = 3.0 Min Req = 1.5 (Truss) Bearings G & E are a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 53 0 C - D 190 -682 B - C 184 -682
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Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2; W1 2x6 SP #2;

Purlins
In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc

Wind
End verticals not exposed to wind pressure.
Left and right cantilevers are exposed to wind
Wind loading based on both gable and hip roof types.

Additional Notes
Top Chord overhang(s) may be field trimmed.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
G - F	331 -213	F - E	251 -134

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
B - G	296 -647	F - D	281 -93
B - F	293 -82	D - E	205 -547
C - F	290 0		

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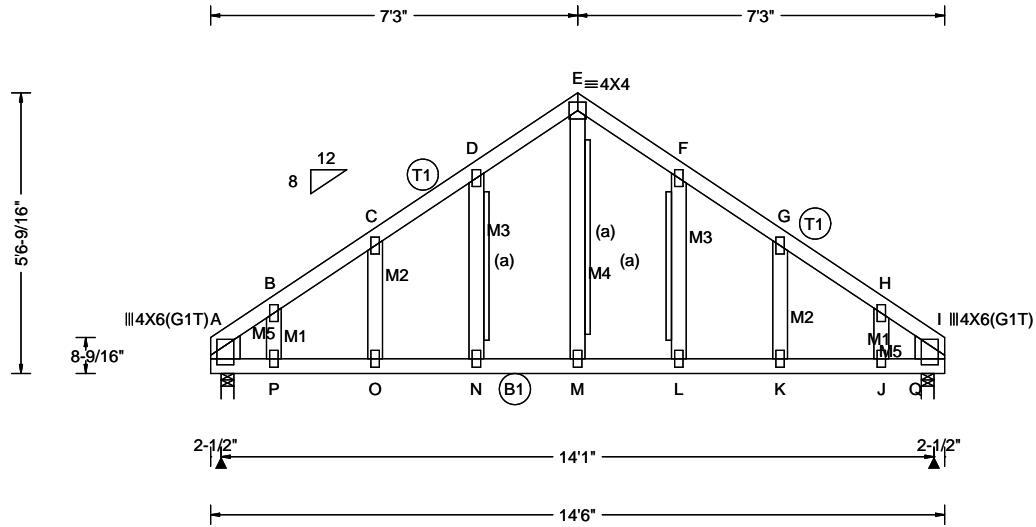
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3670 COMMERCE CENTER DRIVE
SEBRING, FL 33870
(863)385-8242

Truss Label: E1	Job Number: 21338S Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 1 Wgt: 81.2 lbs	SEQN: 30085 / T28 / GABL DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: Any 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.050 K 999 360 VERT(TL): 0.105 K 999 240 HORZ(LL): 0.034 C - - HORZ(TL): 0.127 C - - Creep Factor: 2.0 Max TC CSI: 0.281 Max BC CSI: 0.529 Max Web CSI: 0.623 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A 609 /- /- /348 /96 /133 Q 609 /- /- /348 /96 /- Wind reactions based on MWFRS A Brg Wid = 3.0 Min Req = 1.5 (Truss) Q Brg Wid = 3.0 Min Req = 1.5 (Truss) Bearings A & Q are a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp.
				A - B 214 -652 E - F 388 -554 B - C 258 -630 F - G 316 -586 C - D 316 -586 G - H 258 -630 D - E 388 -554 H - I 214 -652

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;
Lt Stub Wedge: 2x6 SP #2; Rt Stub Wedge: 2x6 SP #2;

Plating Notes
All plates are 2X4 except as noted.

Purlins
In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc

Wind
Left and right cantilevers are exposed to wind
Wind loading based on both gable and hip roof types.
Gable meets L/360 deflection criteria for wind load applied to face. Calculated deflection ratio is L/657.

Gable Reinforcement
(a) 1x4 SP/DF Stud or better "L" reinforcement. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

Additional Notes
Exposed portion of gable face shall be reinforced with sheathing and the wind pressures shall be transferred into lateral diaphragms. Connections and designs for diaphragms is the responsibility of the Building Designer in accordance with ANSI/TPI 1.

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Maximum Bot Chord Forces Per Ply (lbs)			
Chords	Tens.Comp.	Chords	Tens. Comp.
A - P	474 -126	M - L	469 -115
P - O	472 -120	L - K	471 -117
O - N	471 -117	K - J	472 -120
N - M	469 -115	J - I	474 -125
Maximum Gable Forces Per Ply (lbs)			
Gables	Tens.Comp.	Gables	Tens. Comp.
B - P	76 -24	L - F	113 -74
C - O	95 -51	K - G	95 -51
D - N	113 -74	J - H	76 -24
E - M	324 -227		

PLATING NOTES

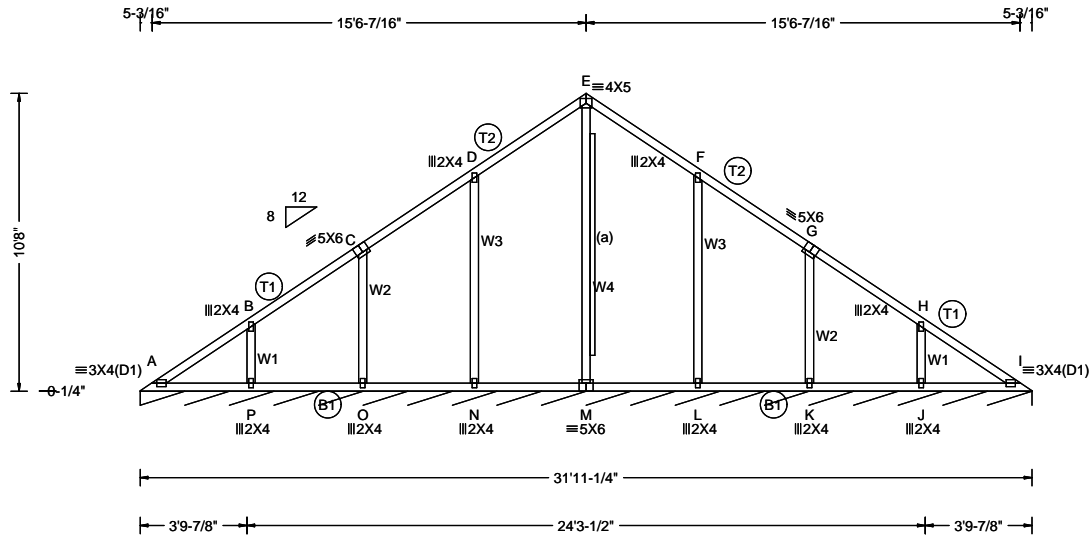
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Truss Label: V8	Job Number: 213388 Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 1 Wgt: 159.6 lbs	SEQN: 30073 / T184 / VAL DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 17.33 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.19 ft ft Loc. from endwall: not in 9.00 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.005 A 999 360 VERT(TL): 0.011 A 999 240 HORZ(LL): -0.002 - - HORZ(TL): 0.009 D - - Creep Factor: 2.0 Max TC CSI: 0.214 Max BC CSI: 0.148 Max Web CSI: 0.309 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs), or * =PLF Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL I* 84 /- /- /45 /13 /9 Wind reactions based on MWFRS I Brg Wid = 383 Min Req = - Bearing A is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 190 -204 E - F 240 -74 B - C 146 -141 F - G 137 -89 C - D 137 -89 G - H 146 -141 D - E 240 -74 H - I 190 -204
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Lumber

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

Bracing

(a) 2x4 #3 or better "T" reinforcement. 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" oc.

Purlins

In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc

Wind

Wind loading based on both gable and hip roof types.

Additional Notes

See applicable standard valley or piggyback details for more requirements.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - P	188 -150	M - L	195 -162
P - O	192 -157	L - K	193 -160
O - N	193 -160	K - J	192 -157
N - M	195 -162	J - I	188 -150

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
B - P	182 -260	L - F	210 -292
C - O	174 -241	K - G	174 -241
D - N	210 -292	J - H	182 -260
E - M	0 -223		

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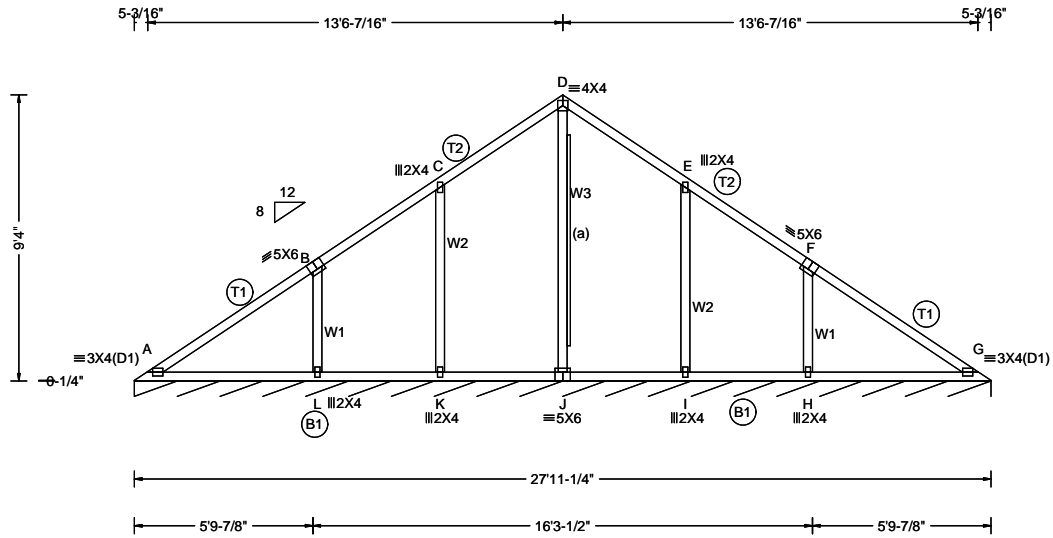
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Truss Label: V7	Job Number: 213388 Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 1 Wgt: 130.2 lbs	SEQN: 30038 / T183 / VAL DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 17.99 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.019 A 999 360 VERT(TL): 0.041 A 999 240 HORZ(LL): -0.008 G - - HORZ(TL): 0.017 G - - Creep Factor: 2.0 Max TC CSI: 0.377 Max BC CSI: 0.303 Max Web CSI: 0.366 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs), or * = PLF Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G* 84 /- /- /45 /13 /9 Wind reactions based on MWFRS G Brg Wid = 335 Min Req = - Bearing A is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 240 -145 D - E 202 0 B - C 201 -46 E - F 201 -46 C - D 202 0 F - G 240 -145
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Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Bracing
(a) 1x4 #2 SYP, HF, OR SPF "T" reinforcement. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" oc.

Purlins
In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc

Wind
Wind loading based on both gable and hip roof types.

Additional Notes
See applicable standard valley or piggyback details for more requirements.

Maximum Bot Chord Forces Per Ply (lbs)			
Chords	Tens.Comp.	Chords	Tens. Comp.
A - L	176 -192	J - I	183 -199
L - K	180 -197	I - H	180 -197
K - J	183 -199	H - G	176 -192
Maximum Web Forces Per Ply (lbs)			
Webs	Tens.Comp.	Webs	Tens. Comp.
B - L	220 -328	I - E	199 -265
C - K	199 -265	H - F	220 -328
D - J	0 -373		

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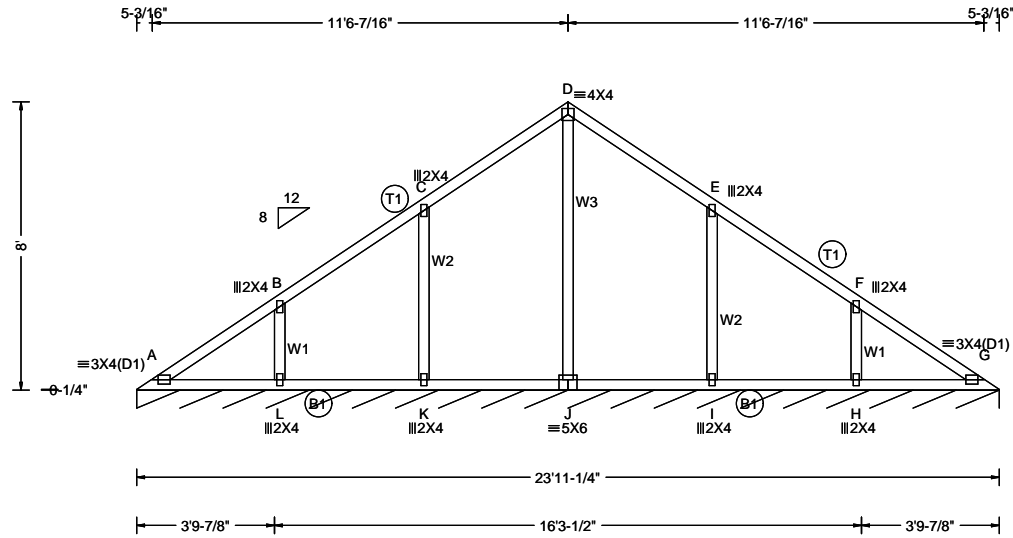
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 SEBRING, FL 33870
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Truss Label: V6	Job Number: 213388 Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 1 Wgt: 106.4 lbs	SEQN: 30039 / T182 / VAL DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 18.66 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.005 A 999 360 VERT(TL): 0.011 A 999 240 HORIZ(LL): 0.002 A - - HORIZ(TL): 0.005 C - - Creep Factor: 2.0 Max TC CSI: 0.212 Max BC CSI: 0.148 Max Web CSI: 0.246 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs), or * =PLF Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G* 84 /- /- /44 /13 /9 Wind reactions based on MWFRS G Brg Wid = 287 Min Req = - Bearing A is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 152 -140 D - E 169 -59 B - C 117 -80 E - F 117 -80 C - D 169 -59 F - G 152 -140
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Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Purlins
In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc

Wind
Wind loading based on both gable and hip roof types.

Additional Notes
See applicable standard valley or piggyback details for more requirements.


Maximum Bot Chord Forces Per Ply (lbs)			
Chords	Tens.Comp.	Chords	Tens. Comp.
A - L	138 -118	J - I	143 -128
L - K	141 -125	I - H	141 -125
K - J	143 -128	H - G	138 -118
Maximum Web Forces Per Ply (lbs)			
Webs	Tens.Comp.	Webs	Tens. Comp.
B - L	176 -246	I - E	214 -289
C - K	214 -289	H - F	176 -246
D - J	0 -239		

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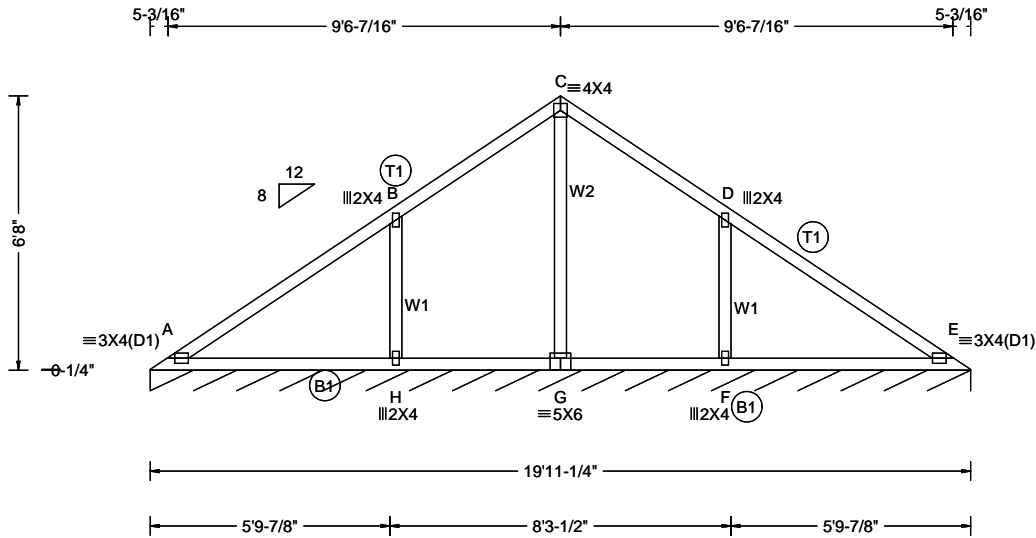
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Truss Label: V5	Job Number: 213388 Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 1 Wgt: 82.6 lbs	SEQN: 30040 / T181 / VAL DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 19.33 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.017 A 999 360 VERT(TL): 0.037 A 999 240 HORZ(LL): 0.007 A - - HORZ(TL): 0.015 A - - Creep Factor: 2.0 Max TC CSI: 0.403 Max BC CSI: 0.279 Max Web CSI: 0.274 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs), or * =PLF Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 84 /- /- /44 /12 /9 Wind reactions based on MWFRS E Brg Wid = 239 Min Req = - Bearing A is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 294 -114 C - D 244 0 B - C 244 0 D - E 294 -114 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - H 154 -179 G - F 159 -185 H - G 159 -185 F - E 154 -179 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. B - H 250 -365 F - D 250 -365 C - G 17 -392
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Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Purlins
In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc

Wind
Wind loading based on both gable and hip roof types.


Additional Notes
See applicable standard valley or piggyback details for more requirements.

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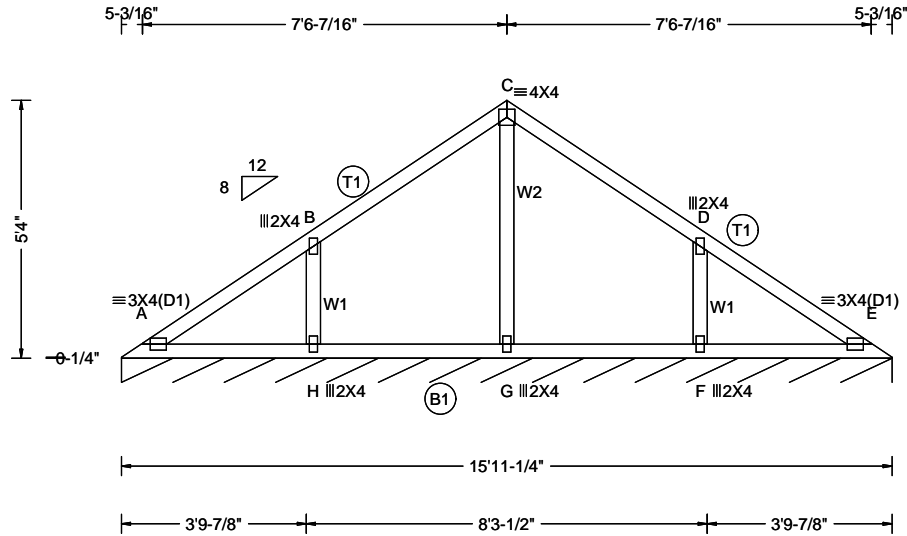
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Truss Label: V4	Job Number: 21338S Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 1 Wgt: 65.8 lbs	SEQN: 30041 / T180 / VAL DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 19.99 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.004 A 999 360 VERT(TL): 0.009 A 999 240 HORZ(LL): -0.002 E - - HORZ(TL): 0.004 E - - Creep Factor: 2.0 Max TC CSI: 0.274 Max BC CSI: 0.143 Max Web CSI: 0.109 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs), or * =PLF Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 84 /- /- /44 /12 /9 Wind reactions based on MWFRS E Brg Wid = 191 Min Req = - Bearing A is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 107 -60 C - D 119 -56 B - C 108 -47 D - E 149 -105 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - H 84 -65 G - F 92 -73 H - G 92 -73 F - E 84 -72 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. B - H 228 -293 F - D 228 -293 C - G 8 -251
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Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #2;

Purlins
In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc


Wind
Wind loading based on both gable and hip roof types.

Additional Notes
See applicable standard valley or piggyback details for more requirements.

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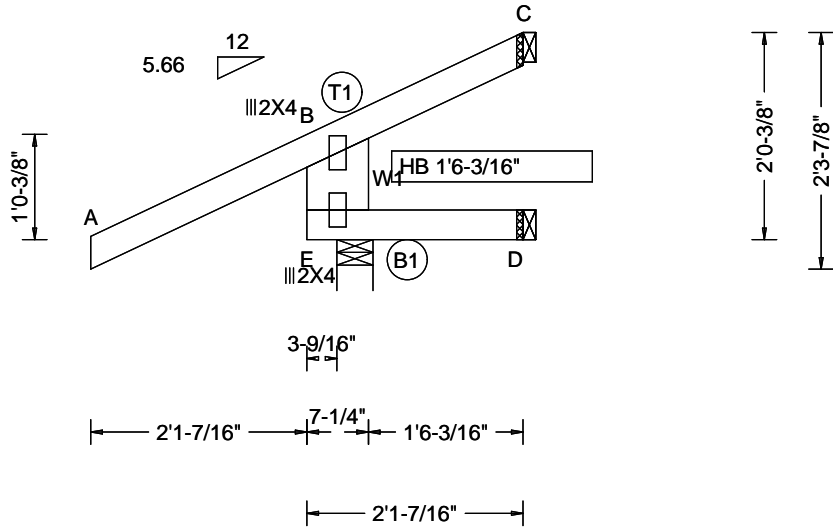
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Truss Label: CJ2	Job Number: 21338S Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 1 Wgt: 14.0 lbs	SEQN: 30081 / T40 / HIP_ DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: NA 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 360 VERT(TL): 0.000 B 999 240 HORZ(LL): 0.000 B - - HORZ(TL): 0.000 B - - Creep Factor: 2.0 Max TC CSI: 0.187 Max BC CSI: 0.006 Max Web CSI: 0.005 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 124 /- /- /- /37 /- D 5 /- /- /3 /- /- C - /-19 /- /4 /- /- Wind reactions based on MWFRS E Brg Wid = 4.2 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing E is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 29 -9 B - C 8 -23 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. E - D 0 0 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. B - E 39 -121
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Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x8 SP 2400f-2.0E;

Loading
The following trusses need concentrated loads at the end of their overhangs: 1-6-0 span/setback member on the 0-2-8 cant side requires 8 lbs and the 1-6-0 span/setback member on the 0-2-8 cant side requires 8 lbs.
Sub-fascia beam assumptions: 2-9-7 sub-fascia beam on the 0-2-8 cantilever side. 2-9-7 sub-fascia beam on the 0-2-8 cantilever side.
Hipjack supports 1-6-0 setback jacks with 0-2-8 cantilever one face; 0-2-8 cantilever opposite face.


Purlins
In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc

Wind
Left end vertical not exposed to wind pressure.
Left cantilever is exposed to wind
Wind loading based on both gable and hip roof types.

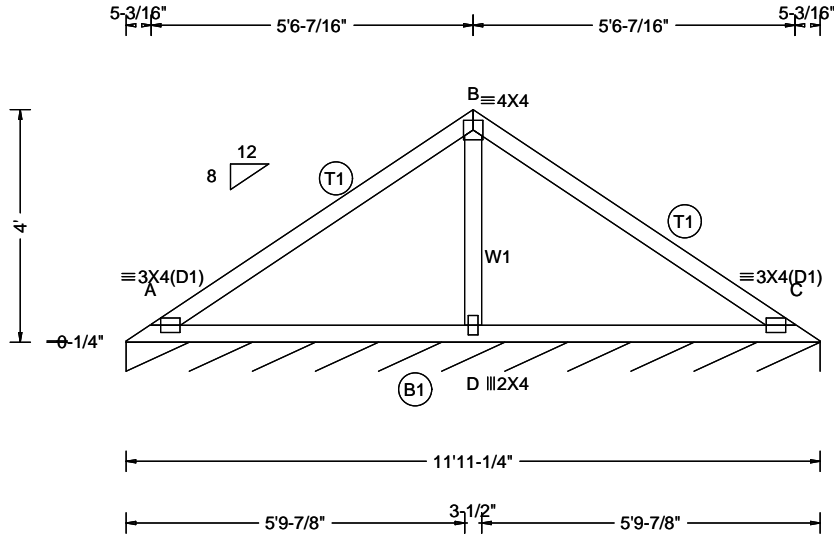
Additional Notes
Provide (2) 16d toe-nails at top chord.
Provide (2) 16d toe-nails at bottom chord.

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WOOD STEEL OR TIMBER
ROOF OR FLOOR TRUSSES
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SEBRING, FL 33870
(863)385-8242

Truss Label: V3	Job Number: 21338S Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 1 Wgt: 42.0 lbs	SEQN: 30045 / T177 / VAL DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 20.66 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.022 A 999 360 VERT(TL): 0.043 C 999 240 HORIZ(LL): -0.011 C - - HORIZ(TL): 0.022 C - - Creep Factor: 2.0 Max TC CSI: 0.521 Max BC CSI: 0.432 Max Web CSI: 0.179 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs), or * =PLF Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 84 /- /- /43 /11 /9 Wind reactions based on MWFRS C Brg Wid = 143 Min Req = - Bearing A is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 476 -251 B - C 476 -247 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - D 308 -326 D - C 308 -326 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. B - D 453 -739
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Lumber

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

Purlins

In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc

Wind


Wind loading based on both gable and hip roof types.

Additional Notes

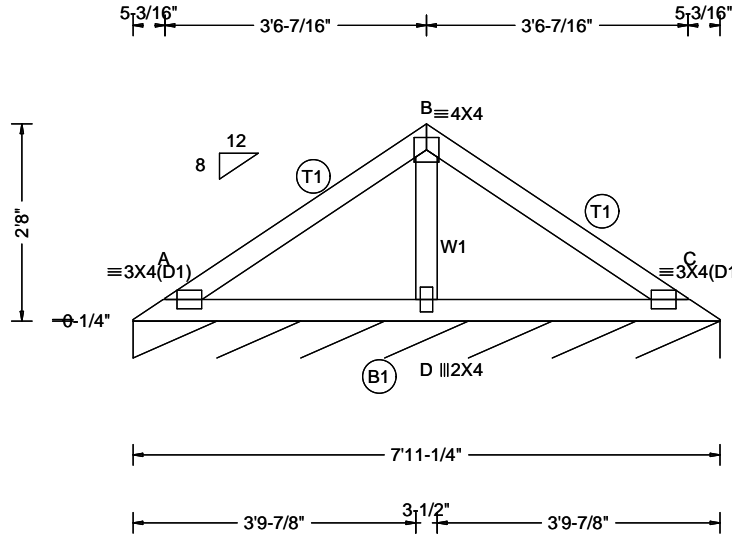
See applicable standard valley or piggyback details for more requirements.

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Truss Label: V2	Job Number: 21338S Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 1 Wgt: 29.4 lbs	SEQN: 30046 / T176 / VAL DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 21.33 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.006 A 999 360 VERT(TL): 0.012 A 999 240 HORIZ(LL): -0.003 C - - HORIZ(TL): 0.006 C - - Creep Factor: 2.0 Max TC CSI: 0.203 Max BC CSI: 0.175 Max Web CSI: 0.057 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs), or * =PLF Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 84 /- /- /42 /10 /8 Wind reactions based on MWFRS C Brg Wid = 95.2 Min Req = - Bearing A is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 222 -136 B - C 222 -137 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - D 206 -139 D - C 206 -139 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. B - D 322 -381
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Lumber

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

Purlins

In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc

Wind

Wind loading based on both gable and hip roof types.

Additional Notes

See applicable standard valley or piggyback details for more requirements.

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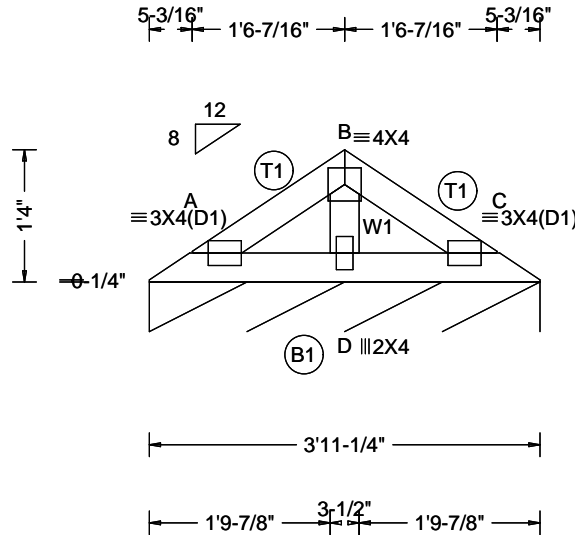
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Truss Label: V1	Job Number: 21338S Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 2 Wgt: 12.6 lbs	SEQN: 30071 / T171 / VAL DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 21.99 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.001 C 999 360 VERT(TL): 0.001 C 999 240 HORZ(LL): -0.000 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.037 Max BC CSI: 0.030 Max Web CSI: 0.020 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs), or * =PLF Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 83 /- /- /40 /6 /7 Wind reactions based on MWFRS C Brg Wid = 47.2 Min Req = - Bearing A is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 62 -19 B - C 62 -23 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - D 66 -32 D - C 66 -32
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Lumber

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

Purlins

In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc

Wind

Wind loading based on both gable and hip roof types.

Additional Notes

See applicable standard valley or piggyback details for more requirements.

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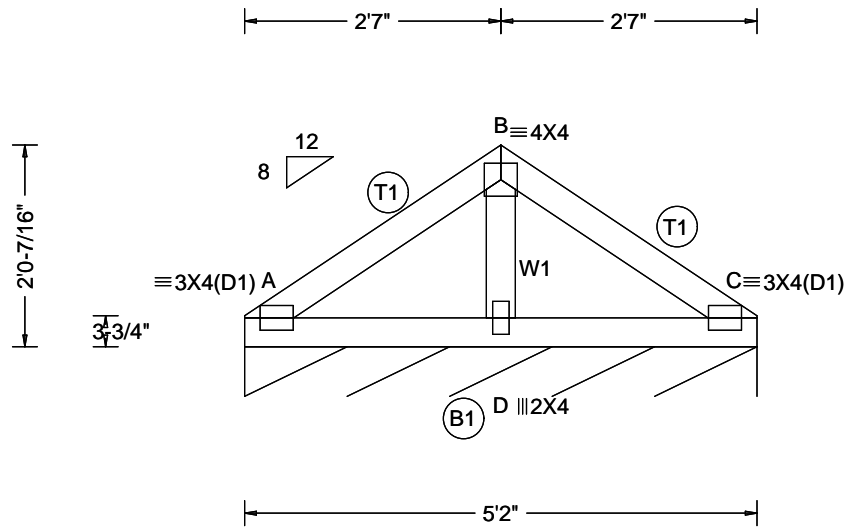
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCEA: www.sbcindustry.com; ICC: www.iccsafe.org



Truss Label: PB15	Job Number: 21338S Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 23 Wgt: 22.4 lbs	SEQN: 30123 / T65 / VAL DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 22.63 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: Any 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.001 C 999 360 VERT(TL): 0.002 C 999 240 HORZ(LL): -0.001 C - - HORZ(TL): 0.001 A - - Creep Factor: 2.0 Max TC CSI: 0.134 Max BC CSI: 0.075 Max Web CSI: 0.008 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs), or * =PLF Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 84 /- /- /45 /22 /9 Wind reactions based on MWFRS C Brg Wid = 62.0 Min Req = - Bearing A is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 142 -98 B - C 153 -98 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - D 49 -29 D - C 49 -29 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. B - D 45 -71
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Lumber

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

Purlins

In lieu of rigid ceiling provide lateral bracing to brace BC @ 48" oc

Wind

End verticals not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Additional Notes


See applicable standard valley or piggyback details for more requirements.

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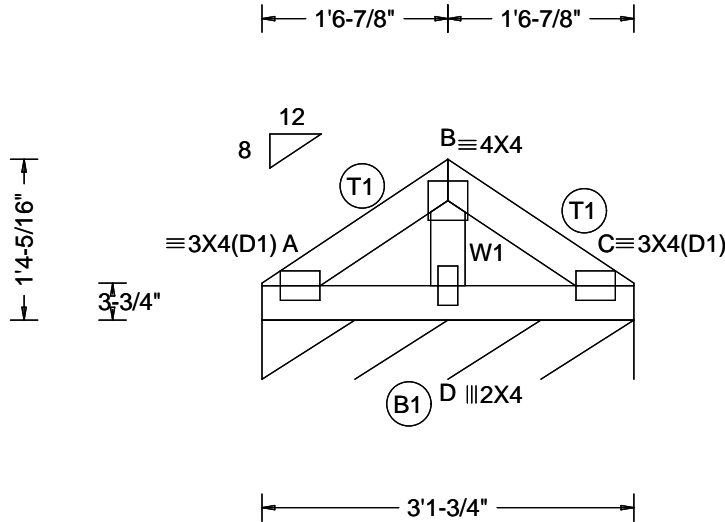
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org

Truss Label: PB17	Job Number: 21338S Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 1 Wgt: 12.6 lbs	SEQN: 30196 / T68 / VAL DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 22.30 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.000 A 999 360 VERT(TL): 0.000 A 999 240 HORZ(LL): -0.000 C - - HORZ(TL): 0.000 A - - Creep Factor: 2.0 Max TC CSI: 0.035 Max BC CSI: 0.020 Max Web CSI: 0.006 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs), or *PLF Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 84 /- /- /45 /20 /9 Wind reactions based on MWFRS C Brg Wid = 37.7 Min Req = - Bearing A is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 60 -44 B - C 63 -44 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - D 20 -6 D - C 20 -6
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Lumber

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

Purlins

In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc

Wind

End verticals not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Additional Notes

See applicable standard valley or piggyback details for more requirements.

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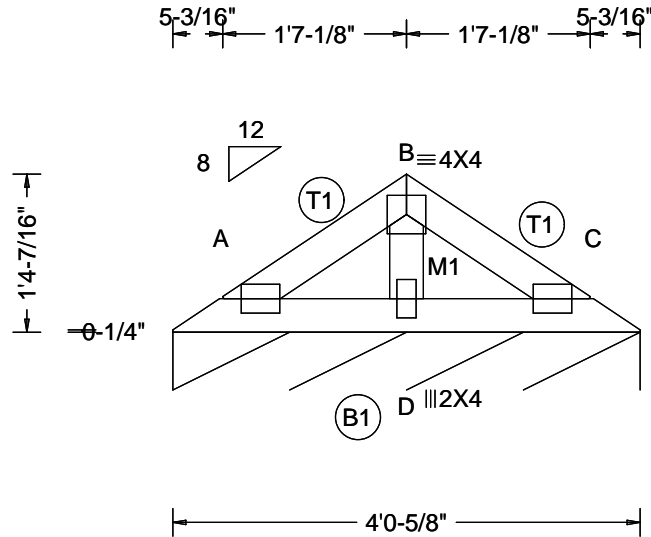
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCEA: www.sbceaindstry.com; ICC: www.iccsafe.org



Truss Label: PB14	Job Number: 21338S Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 2 Wgt: 14.0 lbs	SEQN: 30115 / T7 / GABL DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 22.30 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: Any 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.001 C 999 360 VERT(TL): 0.002 C 999 240 HORZ(LL): -0.000 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.044 Max BC CSI: 0.034 Max Web CSI: 0.018 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs), or * =PLF Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A* 83 /- /- /40 /14 /7 Wind reactions based on MWFRS A Brg Wid = 48.6 Min Req = - Bearing A is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 65 -25 B - C 65 -33 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - D 81 -34 D - C 81 -34 Maximum Gable Forces Per Ply (lbs) Gables Tens.Comp. B - D 139 -134
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Lumber

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

Plating Notes

All plates are 3X4(D1) except as noted.

Purlins

In lieu of rigid ceiling provide lateral bracing to brace BC @ 48" oc

Wind

Wind loading based on both gable and hip roof types.

PLATING NOTES

All plates are 3X4(D1) except as noted.

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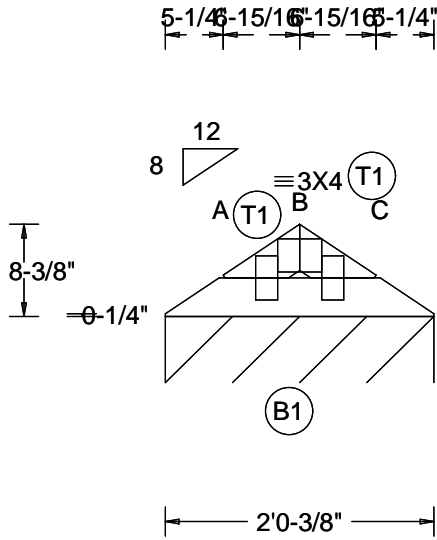
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For more information see this job's general notes page and these web sites: ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.com; ICC: www.iccsafe.org



3670 COMMERCE CENTER DRIVE
SEBRING, FL 33870
(863)385-8242

Truss Label: PB16	Job Number: 21338S Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 1 Wgt: 7.0 lbs	SEQN: 30188 / T5 / GABL DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 21.96 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: Any 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.000 C 999 360 VERT(TL): 0.001 C 999 240 HORZ(LL): -0.000 A - - HORZ(TL): 0.000 A - - Creep Factor: 2.0 Max TC CSI: 0.014 Max BC CSI: 0.028 Max Web CSI: 0.000 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs), or *=PLF Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A* 82 /- /- /34 /4 /5 Wind reactions based on MWFRS A Brg Wid = 24.4 Min Req = - Bearing A is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 53 -55 B - C 52 -55 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. A - C 59 -33
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Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;

Plating Notes
All plates are 2X4(**) except as noted.

Purlins
In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc

Wind
Wind loading based on both gable and hip roof types.

PLATING NOTES

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

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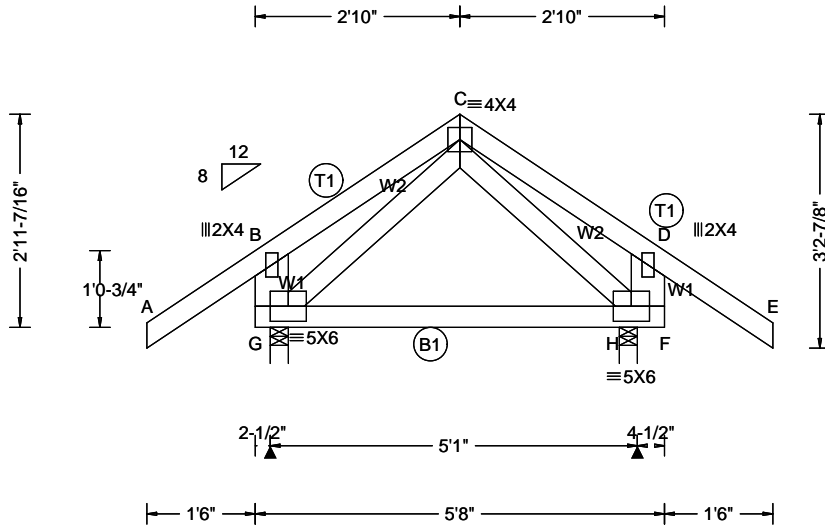
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3670 COMMERCE CENTER DRIVE
SEBRING, FL 33870
(863)385-8242

Truss Label: B17	Job Number: 21338S Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 3 Wgt: 40.6 lbs	SEQN: 30075 / T144 / COMN DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: > 2h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.001 C 999 360 VERT(TL): 0.001 C 999 240 HORZ(LL): 0.001 D - - HORZ(TL): 0.001 D - - Creep Factor: 2.0 Max TC CSI: 0.250 Max BC CSI: 0.260 Max Web CSI: 0.068 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G 347 /- /- /154 /30 /54 H 347 /- /- /153 /33 /- Wind reactions based on MWFRS G Brg Wid = 3.0 Min Req = 1.5 (Truss) H Brg Wid = 3.0 Min Req = 1.5 (Truss) Bearings G & H are a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 53 0 C - D 193 -132 B - C 192 -132 D - E 53 0 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. G - F 114 0 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. Webs Tens. Comp. B - G 390 -234 C - F 40 -82 G - C 40 -82 D - F 391 -234
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Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x6 SP #2; W2 2x4 SP #2;

Purlins
In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc

Wind
End verticals not exposed to wind pressure.
Left and right cantilevers are exposed to wind
Wind loading based on both gable and hip roof types.

Additional Notes
Top Chord overhang(s) may be field trimmed.

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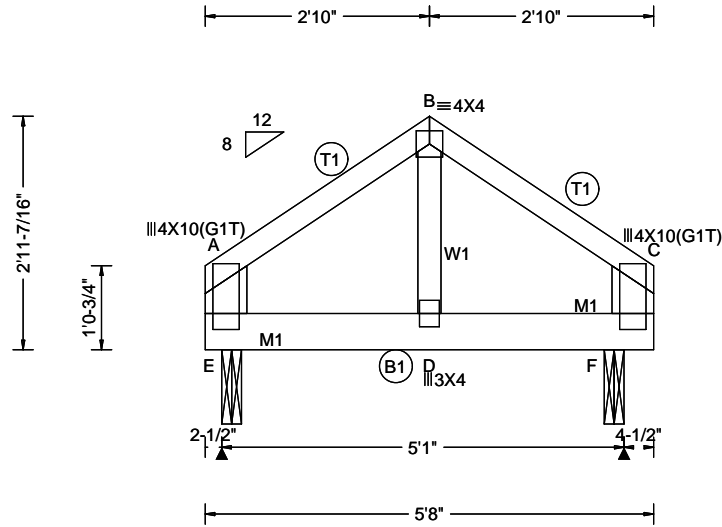
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Truss Label: B18	Job Number: 21338S Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 1 Wgt: 33.6 lbs	SEQN: 30309 / T2 / COMN DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by Mfg FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.014 D 999 360 VERT(TL): 0.028 D 999 240 HORZ(LL): 0.006 C - - HORZ(TL): 0.012 C - - Creep Factor: 2.0 Max TC CSI: 0.412 Max BC CSI: 0.193 Max Web CSI: 0.123 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 917 /- /0 /- /277 /0 F 895 /- /- /103 /- /- Wind reactions based on MWFRS E Brg Wid = 3.0 Min Req = 1.5 (Truss) F Brg Wid = 3.0 Min Req = 1.5 (Truss) Bearings E & F are a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 214 -625 B - C 213 -624
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Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #2;
Lt Stub Wedge: 2x8 SP 2400f-2.0E;
Rt Stub Wedge: 2x8 SP 2400f-2.0E;

Special Loads
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 64 plf at 0.00 to 64 plf at 5.67
BC: From 10 plf at 0.00 to 10 plf at 5.67
BC: 697 lb Conc. Load at 1.60, 3.60

Purlins
In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc

Wind
Left and right cantilevers are exposed to wind
Wind loading based on both gable and hip roof types.

Maximum Bot Chord Forces Per Ply (lbs)			
Chords	Tens.Comp.	Chords	Tens. Comp.
E - D	452 -154	D - C	904 -308

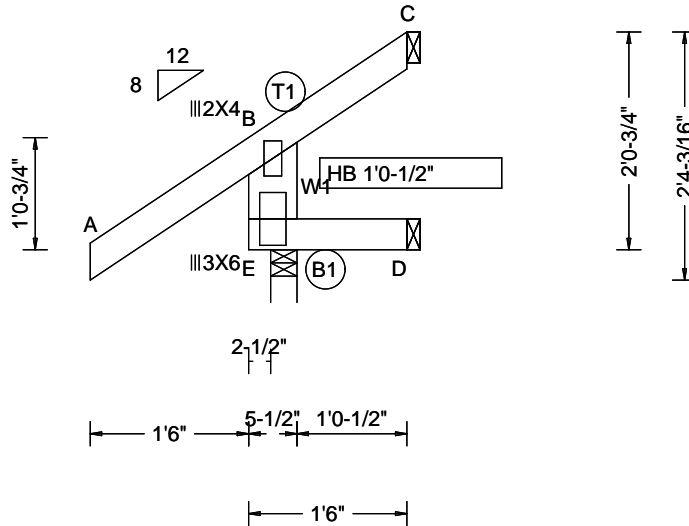
Maximum Web Forces Per Ply (lbs)	
Webs	Tens.Comp.
B - D	546 -179

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Truss Label: EJ2A	Job Number: 21338S Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 9 Wgt: 10.5 lbs	SEQN: 30077 / T178 / EJAC DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: Any 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 360 VERT(TL): 0.000 B 999 240 HORZ(LL): 0.000 B - - HORZ(TL): 0.000 B - - Creep Factor: 2.0 Max TC CSI: 0.283 Max BC CSI: 0.022 Max Web CSI: 0.061 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 207 /- /- /69 /85 /- D 30 /- /- /15 /- /- C 48 /- /- /52 /- /62 Wind reactions based on MWFRS E Brg Wid = 3.0 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing E is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 53 0 B - C 283 -53 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. E - D 0 0 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. B - E 481 -192
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Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x6 SP #2;

Purlins

In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc

Wind

Left end vertical not exposed to wind pressure.
Left cantilever is exposed to wind
Wind loading based on both gable and hip roof types.

Additional Notes

Top Chord overhang(s) may be field trimmed.
Provide (2) 16d toe-nails at top chord.
Provide (2) 16d toe-nails at bottom chord.

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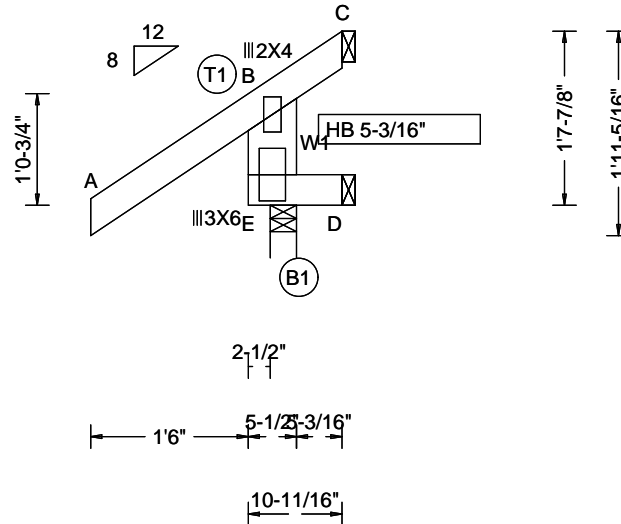
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3670 COMMERCE CENTER DRIVE
SEBRING, FL 33870
(863)385-8242

Truss Label: J1C	Job Number: 21338S Job Name: POWELL/ SUITE Customer Name: JM PROPERTIES OF W. PALM BEACH, INC	Ply: 1 Qty: 2 Wgt: 9.1 lbs	SEQN: 30079 / T4 / JACK DESIGNER: CLG 10/23/2025
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Loading Criteria (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Criteria Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft ft Loc. from endwall: Any 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 Bldg Code: FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by FT/RT:20(0)/10(0) Plate Type(s): WAVE	Defl/CSI Criteria PP Deflection in loc L/defl L/# VERT(LL): NA VERT(TL): NA HORZ(LL): 0.000 B - - HORZ(TL): 0.000 B - - Creep Factor: 2.0 Max TC CSI: 0.283 Max BC CSI: 0.008 Max Web CSI: 0.066 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	▲ Maximum Reactions (lbs) Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 233 /- /- /64 /95 /- D 18 /- /- /9 /- /- C 29 /-64 /- /65 /10 /48 Wind reactions based on MWFRS E Brg Wid = 3.0 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing E is a rigid surface. Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 57 -18 B - C 302 -67 Maximum Bot Chord Forces Per Ply (lbs) Chords Tens.Comp. E - D 0 0 Maximum Web Forces Per Ply (lbs) Webs Tens.Comp. B - E 521 -224
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Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x6 SP #2;

Special Loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 64 plf at -1.50 to 64 plf at 0.89
BC: From 20 plf at 0.00 to 20 plf at 0.89
TC: 7 lb Conc. Load at -1.50

Purlins

In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc

Wind

Left end vertical not exposed to wind pressure.
Left cantilever is exposed to wind
Wind loading based on both gable and hip roof types.

Additional Notes

Top Chord overhang(s) may be field trimmed.
Provide (2) 16d toe-nails at top chord.
Provide (2) 16d toe-nails at bottom chord.

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SEBRING, FL 33870
(863)385-8242

Diagonal Bracing of Continuous Lateral Restraint

ALWAYS DIAGONALLY BRACE THE CONTINUOUS LATERAL RESTRAINT!

Attach the Continuous Lateral Restraint (CLR) at the location shown on the Truss Design Drawing.

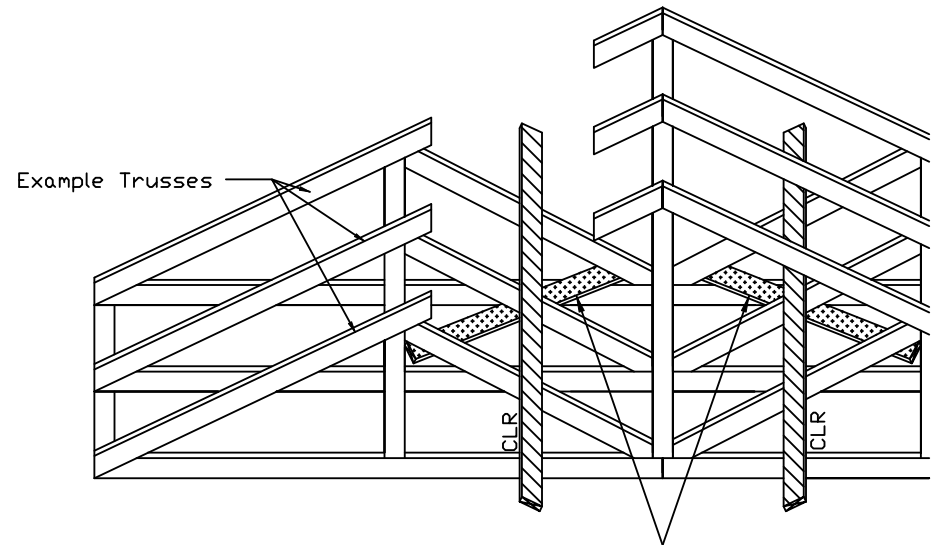
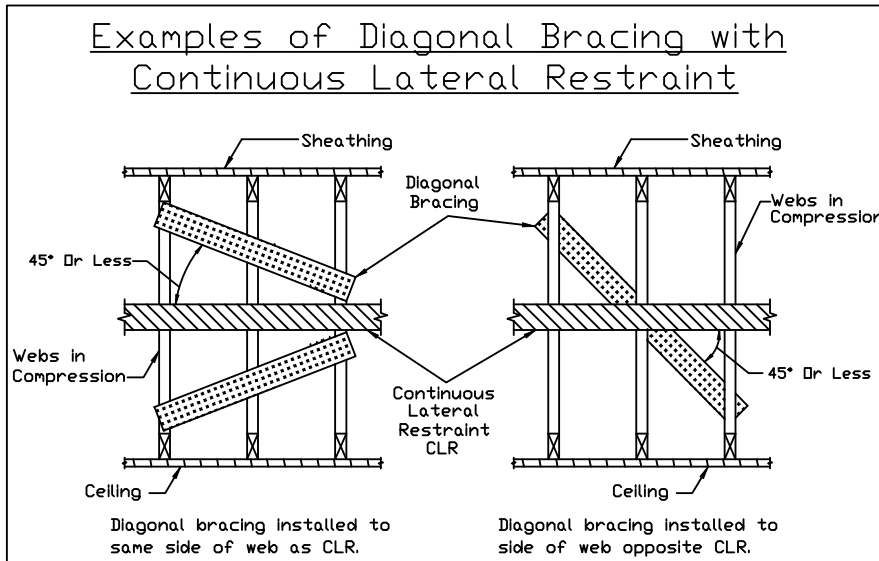
Install the diagonal bracing at an angle of less-than-or-equal-to 45° to the CLR and position so that it crosses the web in close proximity to the CLR. Attach the diagonal brace as close to the top and bottom chords as possible and to each web it crosses.

Unless otherwise specified, lumber for lateral restraint and diagonal bracing shall be at least 2x4 stress-graded lumber. Fasten to each truss with at least (2)-10d (0.128"x3.0",min) nails or as specified in the Construction Documents.

Diagonal bracing is required to restrain the CLR's and to transfer the cumulative force from the CLR(s) into a lateral force resisting system such as the roof or ceiling diaphragm. Repeat diagonal bracing every 20 feet or as specified. Closer spacing may be required by the Building Designer.

The information on this detail is recommended minimum permanent bracing applicable only for trusses spaced at a maximum of 24" on center. Additional bracing or other bracing methods as specified by the Building Designer may be required.

Refer to BCSI-B3 for additional information on permanent restraint and bracing of web members.



2x4 diagonal bracing nailed to opposite face of web and repeated at approximately 20 foot intervals to resist lateral movement. Attach to webs with (2)-10d (0.128"x3.0",min) nails. Diagonal bracing may traverse more than two trusses, depending on truss height.



155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

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

REF CLR Bracing

DATE 10/01/14

DRWG BRCLBANC1014

Valley Detail - ASCE 7-22: 180 mph, 30' Mean Height, Partially Enclosed, Exp. C, Kzt=1.00

Top Chord 2x4 SP #2N, SPF #1/#2, DF-L #2 or better.
 Bot Chord 2x4 SP #2N or SPF #1/#2 or better.
 Webs 2x4 SP #3, SPF #1/#2, DF-L #2 or better.

** Attach each valley to every supporting truss with:
 535# connection or with (1) Simpson H2.5A or equivalent connector for
 ASCE 7-22 180 mph. 30' Mean Height, Part. Enc.
 Building, Exp. C, Wind TC DL=5 psf, Kzt = 1.00
 Or
 ASCE 7-22 160 mph. 30' Mean Height, Part. Enc.
 Building, Exp. D, Wind TC DL=5 psf, Kzt = 1.00

Bottom chord may be square or pitched cut as shown.

Valleys short enough to be cut as solid triangular members from a single 2x6, or larger as required, shall be permitted in lieu of fabricating from separate 2x4 members.

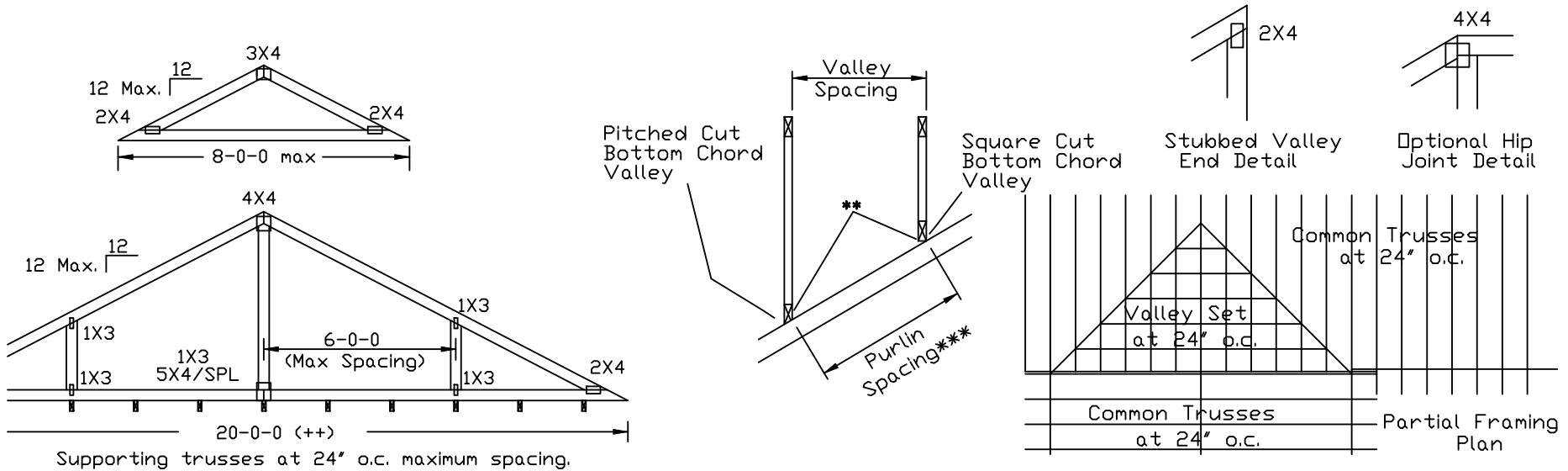
All plates shown are Alpine Wave Plates.

Unless specified otherwise on engineer's sealed design, for vertical valley webs taller than 7-9" apply 2x4 "T" reinforcement, 80% length of web, same species and grade or better, attached with 10d box (0.128" x 3.0") nails at 6" o.c. In lieu of "T" reinforcement, 2x4 Continuous Lateral Restraint applied at mid-length of web is permitted with diagonal bracing as shown in DRWG BRCLBANC1014.

Top chord of truss beneath valley set must be braced with:
 properly attached, rated sheathing applied prior to valley truss installation.
 Or
 Purlins at 24" o.c. or as otherwise specified on engineer's sealed design
 Or
 By valley trusses used in lieu of purlin spacing as specified on Engineer's sealed design.

*** Note that the purlin spacing for bracing the top chord of the truss beneath the valley is measured along the slope of the top chord.

++ Larger spans may be built as long as the vertical height does not exceed 14'-0".



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

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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.

A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.

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



155 Harlem Ave
 North Building, 4th Floor
 Glenview, IL 60025

TC LL	30	30	40PSF	REF	VALLEY DETAIL
TC DL	20	15	7PSF	DATE	07/03/2023
BC DL	10	10	10 PSF	DRWG	VAL180220723
BC LL	0	0	0PSF		
TOT. LD.	60	55	57PSF		
DUR.FAC.1.25/1.33	1.15	1.15			
SPACING	24.0"				

180 mph – 2023 FBC, Mean Roof Height up to 30', Partially Enclosed, Exposure D

Scabbed Piggyback Detail

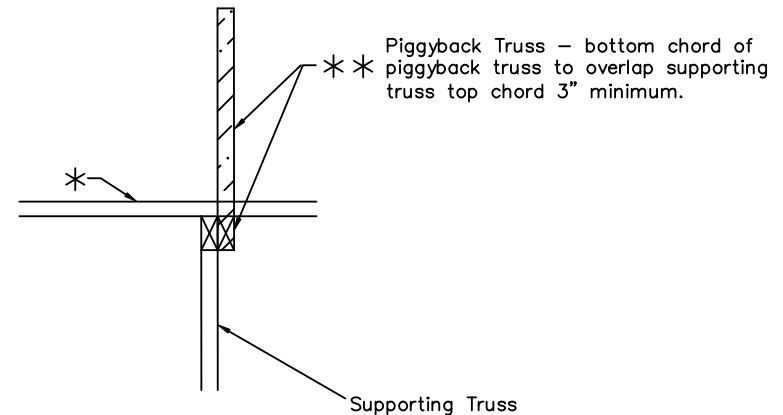
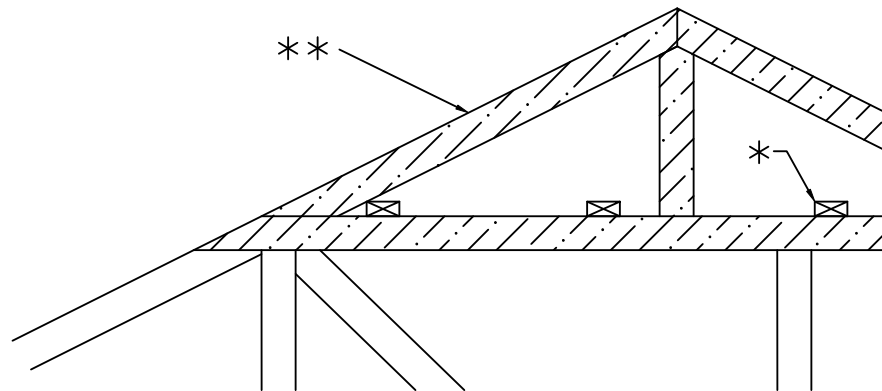
Note: Top chords of trusses supporting piggyback cap trusses must be adequately braced by sheathing or Continuous Lateral Bracing (CLB/purlins). The building Engineer of Record shall design CLB/purlins and diagonal bracing or any other necessary anchorage to permanently restrain purlins.

Refer to Engineer's sealed truss design drawing for piggyback and base truss specifications.

Maximum truss spacing is 24" o.c. Detail is not applicable if cap supports additional loads such as cupola, steeple, chimney or drag strut loads.

* Continuous Lateral Bracing (CLB/purlin) spaced per engineered supporting truss drawings, or not more than 24" on center. Attach to each supporting truss with (2) 16d (0.162" x 3.5") box or gun nails. Bracing of CLB/purlins to be designed by building Engineer of Record and installed by others. CLB/Purlins shall be minimum of 2x4 #2 So. Pine or Hem-fir unless specified otherwise by the Engineer Of Record. CLB/Purlins may be attached to either the top or the bottom edge of the supporting truss top chord.

* * Piggyback truss as per engineered truss drawing. Attach to supporting truss top chord with 10d (0.131" x 3") box or gun nails at 4" on center.



Supporting Truss

SCALE = N.T.S.

SCOSTA CORP

WOOD OR STEEL
ROOF & FLOOR TRUSSES

3670 COMMERCE
CENTER DRIVE
SEBRING, FL 33870
(863) 385-8242

*****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

*****IMPORTANT**** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/K) ASTM A653 GRADE 40/80 (W/K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING

REF

DATE 02/18/25

DRWG SCABPB

180 mph – 2023 FBC, Mean Roof Height up to 30', Partially Enclosed, Exposure D

Piggyback Atop Detail

Note: This detail is applicable for piggyback trusses sitting directly atop the top chord of the supporting truss below. Top chords of trusses supporting piggyback cap trusses must be adequately braced by sheathing or Continuous Lateral Bracing (CLB/purlins). The building Engineer of Record shall design CLB/purlins and diagonal bracing or any other necessary anchorage to permanently restrain purlins, and lateral bracing for out of plane loads over gable ends. Continuous Lateral Bracing (CLB/Purlins) are not shown on this detail for clarity.

Refer to Engineer's sealed truss design drawing for piggyback and base truss specifications.

Maximum truss spacing is 24" o.c. Detail is not applicable if cap supports additional loads such as cupola, steeple, chimney or drag strut loads.

** Piggyback truss as per engineered truss drawing. Sit piggyback truss directly atop supporting truss below and attach to supporting truss per notes this page.

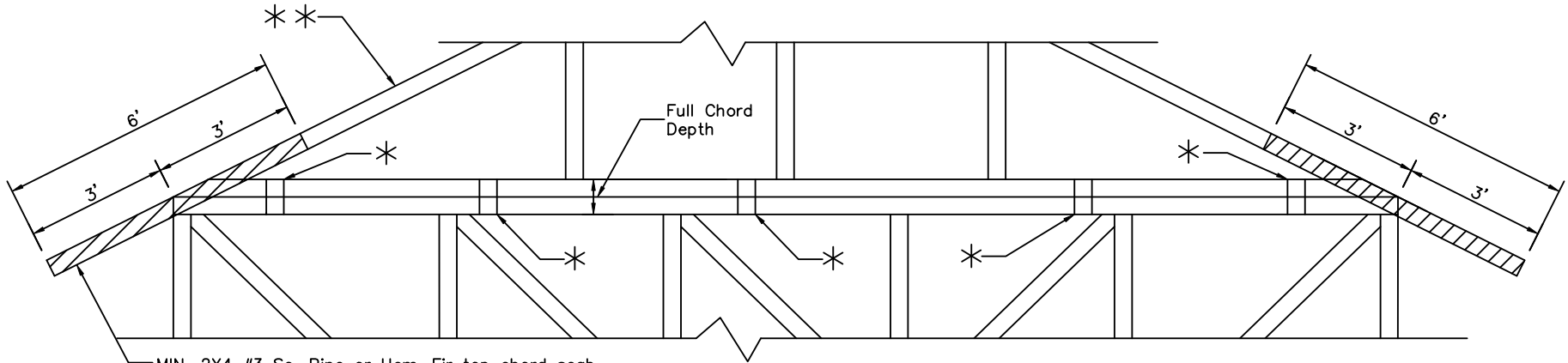
APA Rated Gusset:

Min. 8"x8"x $\frac{7}{16}$ " APA rated sheathing gussets (each face). Install gussets at no more than 8ft on center, and attach each gusset to each truss chord with (4) 6d common (0.113" x 2") nails. Gussets may be staggered 4ft on center on opposing faces.

* - OR -

2x4 Vertical Scabs:

Add min. 2x4 #2 So. pine or Hem-fir vertical scabs to each face of truss at no more than 8ft on center. Scabs shall be full chord depth and shall be attached to each truss chord with (3) 10d box or gun nails (0.128" x 3"). Scabs may be staggered 4ft on center on opposing faces.



MIN. 2X4 #3 So. Pine or Hem-Fir top chord scab, typical at both ends. Connect with one row of 10d (0.131" x 3") box or gun nails at 8" on center.

SCALE = N.T.S.

COSTA CORP

WOOD OR STEEL
ROOF & FLOOR TRUSSES

3670 COMMERCE
CENTER DRIVE
SEBRING, FL 33870
(863) 385-8242

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REF	
DATE	02/18/25
DRWG	PBATOP

CLR Reinforcing Member Substitution

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.

Notes:

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.

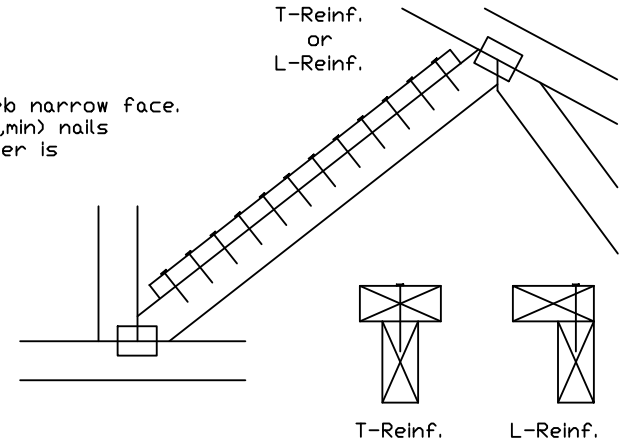
Web Member Size	Specified CLR Restraint	Alternative Reinforcement T- or L- Reinf.	Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x4(*)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6(*)

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.

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

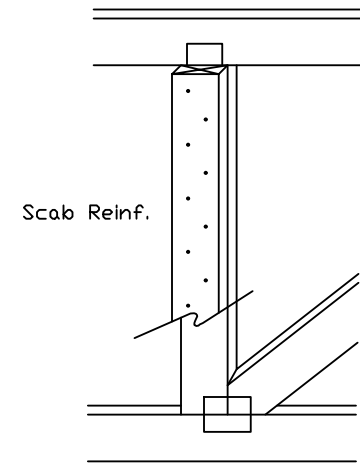
T-Reinforcement OR L-Reinforcement:

Apply to either side of web narrow face. Attach with 10d (0.128"x3.0",min) nails at 6" o.c. Reinforcing member is a minimum 80% of web member length.



Scab Reinforcement:

Apply scab(s) to wide face of web. No more than (1) scab per face. Attach with 10d (0.128"x3.0",min) nails at 6" o.c. Reinforcing member is a minimum 80% of web member length.



155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

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ALPINE: www.alpineitw.com TPI: www.tpinst.org SBCA: www.sbcacomponents.com ICC: www.iccsafe.org

TC LL	PSF	REF	CLR Subst.
TC DL	PSF	DATE	01/02/19
BC DL	PSF	DRWG	BRCLBSUB0119
BC LL	PSF		
TOT. LD.	PSF		
DUR. FAC.			
SPACING			