

# SCOSTA CORPORATION

3670 Commerce Center Drive Sebring, FL 33870  
 (863)385-8242 Voice  
 (863)385-8724 Fax  
[Plans@scostacorp.com](mailto:Plans@scostacorp.com)

## Engineering Cover Sheet

Job #: 21338

Date: 10/24/2025 9:27:34 AM

### Job Information:

**Contractor:**  
 JM PROPERTIES OF W. PALM BEACH, INC

**Job Name:**  
 POWELL

**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 40 TC DL 10 BC DL 5 BC LL 0 Total: 55

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.

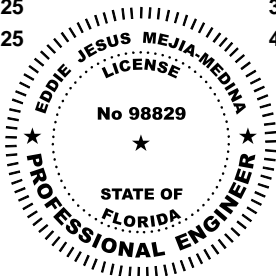
*The Identity of the structural Engineer of Record has not been provided as of the seal date.*



Order	ID	Date	Order	ID	Date
1	A3	10/24/2025	21	C1	10/24/2025
2	A2	10/24/2025	22	C2	10/24/2025
3	A1	10/24/2025	23	C6	10/24/2025
4	A16	10/24/2025	24	C5	10/24/2025
5	A14	10/24/2025	25	C4	10/24/2025
6	A15	10/24/2025	26	C3	10/24/2025
7	A13	10/24/2025	27	C7	10/24/2025
8	A12	10/24/2025	28	B3A	10/24/2025
9	A11	10/24/2025	29	B3	10/24/2025
10	A10	10/24/2025	30	B2A	10/24/2025
11	A9	10/24/2025	31	B2	10/24/2025
12	A8	10/24/2025	32	B1	10/24/2025
13	A7	10/24/2025	33	B5	10/24/2025
14	A6	10/24/2025	34	B4	10/24/2025
15	A5	10/24/2025	35	C8	10/24/2025
16	A5A	10/24/2025	36	B13	10/24/2025
17	A5B	10/24/2025	37	B12	10/24/2025
18	A4	10/24/2025	38	B11	10/24/2025
19	A17	10/24/2025	39	B10	10/24/2025
20	A18	10/24/2025	40	B9	10/24/2025

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.

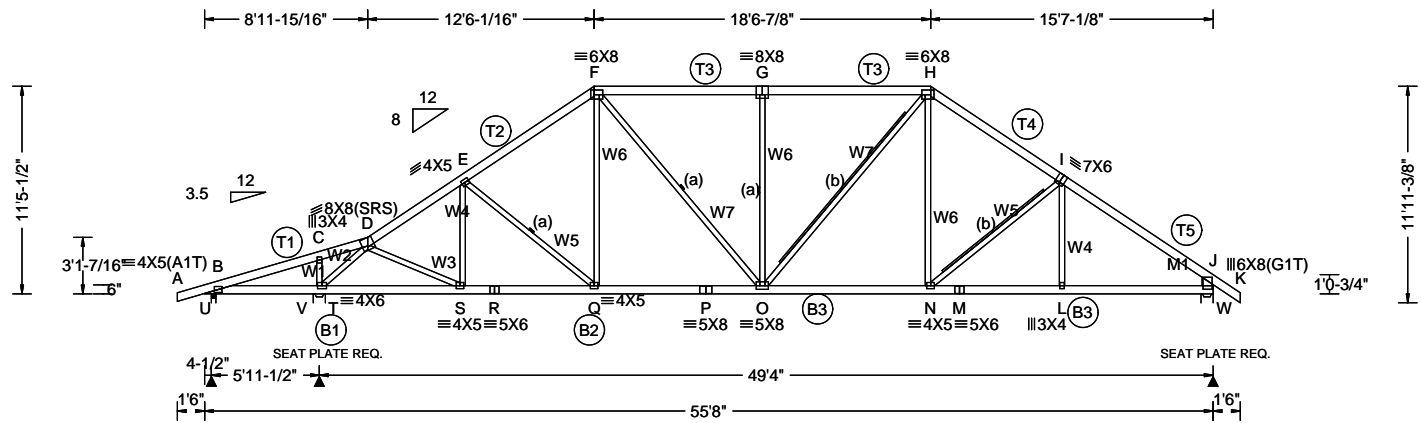
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Order	ID	Date	Order	ID	Date
41	B8	10/24/2025	91	PB12	10/24/2025
42	B7	10/24/2025	92	PB10	10/24/2025
43	B6	10/24/2025	93	PB9	10/24/2025
44	FTG5	10/24/2025	94	PB11	10/24/2025
45	VG1	10/24/2025	95	PB8	10/24/2025
46	V19	10/24/2025	96	PB0	10/24/2025
47	PB2	10/24/2025	97	PB13	10/24/2025
48	PB3	10/24/2025	98	PB14	10/24/2025
49	PB4	10/24/2025	99	EJ3	10/24/2025
50	PB5	10/24/2025	100	J2	10/24/2025
51	PB6	10/24/2025	101	EJ2	10/24/2025
52	PB1	10/24/2025	102	J1B	10/24/2025
53	M5	10/24/2025	103	J1A	10/24/2025
54	M4	10/24/2025	104	EJ9A	10/24/2025
55	B14	10/24/2025	105	EJ9	10/24/2025
56	B15	10/24/2025	106	J8	10/24/2025
57	B16	10/24/2025	107	J7	10/24/2025
58	M1	10/24/2025	108	J7A	10/24/2025
59	GE1	10/24/2025	109	J5	10/24/2025
60	FTG1	10/24/2025	110	J5A	10/24/2025
61	FTG3	10/24/2025	111	J3B	10/24/2025
62	FTG2	10/24/2025	112	J3	10/24/2025
63	FTG4	10/24/2025	113	J1	10/24/2025
64	V18	10/24/2025	114	CJ13	10/24/2025
65	V17	10/24/2025	115	CJ8	10/24/2025
66	V16	10/24/2025	116	CJ3	10/24/2025
67	V15	10/24/2025			
68	V14	10/24/2025			
69	V26	10/24/2025			
70	V25	10/24/2025			
71	V24	10/24/2025			
72	V23	10/24/2025			
73	V22	10/24/2025			
74	V28	10/24/2025			
75	V27	10/24/2025			
76	V32	10/24/2025			
77	V31	10/24/2025			
78	V30	10/24/2025			
79	V29	10/24/2025			
80	PB7	10/24/2025			
81	V2	10/24/2025			
82	V1	10/24/2025			
83	V13	10/24/2025			
84	V12	10/24/2025			
85	V11	10/24/2025			
86	V10	10/24/2025			
87	V9	10/24/2025			
88	V8	10/24/2025			
89	M3	10/24/2025			
90	M2	10/24/2025			

<b>Truss Label:</b> <b>A3</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 417.9 lbs	<b>SEQN:</b> 30414 / T175 / SPEC <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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"	<b>Wind Criteria</b> 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: 5.57 ft ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.109 G 999 360 VERT(TL): 0.220 G 999 240 HORZ(LL): 0.042 J - - HORZ(TL): 0.086 J - - Creep Factor: 2.0 Max TC CSI: 0.927 Max BC CSI: 0.487 Max Web CSI: 0.705 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity U 181 /-231 /- /20 /129 /321 V 2695 /- /- /1650 /157 /- W 2089 /- /- /1228 /56 /- Wind reactions based on MWFRS U Brg Wid = 3.0 Min Req = 1.5 (Truss) V Brg Wid = 8.0 Min Req = 3.2 (Truss) W Brg Wid = 8.0 Min Req = 2.5 (Truss) Bearings U, V, & W are a rigid surface. Bearings V & W require a seat plate.  <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 26 0 F - G 931 -2206 B - C 1046 -316 G - H 931 -2206 C - D 1049 -276 H - I 896 -2459 D - E 752 -2339 I - J 851 -2939 E - F 868 -2311 J - K 45 0
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**Lumber**  
Top chord: 2x6 SP #2;  
Bot chord: 2x6 SP #2;  
Webs: 2x4 SP #2;  
Rt Stub Wedge: 2x6 SP #2;

**Bracing**  
(a) Continuous lateral restraint equally spaced on member.  
(b) 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 structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 51" oc, all BC @ 24" oc.

**Wind**  
Left cantilever is exposed to wind  
Wind loading based on both gable and hip roof types.

**Additional Notes**  
Negative reaction(s) of -231# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.  
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.  
Top Chord overhang(s) may be field trimmed.

**EDDIE JESUS MEJIA-MEDINA**  
P.E.  
#98829

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
B - T	334 -976	P - O	1822 -373
T - S	1035 -281	O - N	1938 -372
S - R	1896 -455	N - M	2294 -529
R - Q	1896 -455	M - L	2294 -529
Q - P	1822 -373	L - J	2297 -530

**Maximum Web Forces Per Ply (lbs)**


Webs	Tens.Comp.	Webs	Tens. Comp.
C - T	263 -401	F - O	595 -262
T - D	916 -2947	G - O	434 -581
D - S	969 -200	O - H	416 -215
S - E	190 -328	H - N	556 -41
E - Q	125 -176	N - I	209 -467
F - Q	383 0	I - L	261 0

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

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

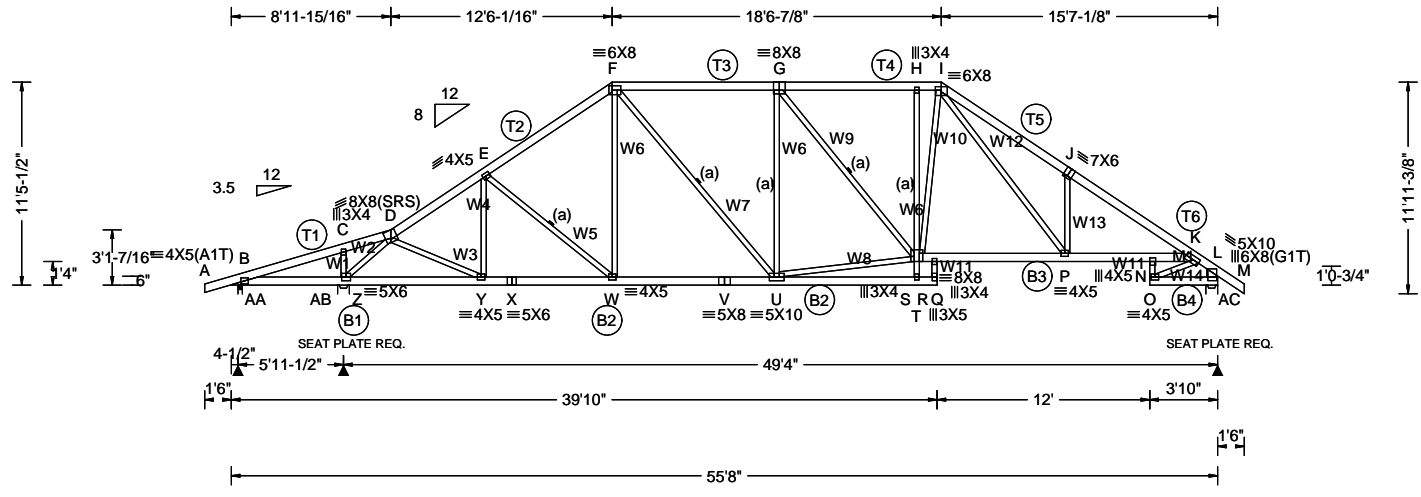
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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A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

  
**SCOSTA CORPORATION**  
 WOOD STEEL OR TIMBER  
 ROOF OR FLOOR TRUSSES  
 3670 COMMERCE CENTER DRIVE  
 SEBRING, FL 33870  
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For more information see this job's general notes page and these web sites: ALPINE: [www.alpineitw.com](http://www.alpineitw.com); TPI: [www.tpinst.org](http://www.tpinst.org); SBCA: [www.sbcaindstry.com](http://www.sbcaindstry.com); ICC: [www.iccsafe.org](http://www.iccsafe.org)

<b>Truss Label:</b> <b>A2</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 5 <b>Wgt:</b> 459.9 lbs	<b>SEQN:</b> 30408 / T90 / SPEC <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Closure: Closed Risk Category: II EXP: C Mean Height: 15.76 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: h/2 to h C&C Dist a: 5.57 ft ft Loc. from endwall: not in 6.50 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.241 O 999 360 VERT(TL): 0.485 O 999 240 HORZ(LL): 0.141 O - - - HORZ(TL): 0.276 O - - - Creep Factor: 2.0 Max TC CSI: 0.993 Max BC CSI: 0.629 Max Web CSI: 0.985 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity AA 79 /-381 /- /16 /170 /321 AB 3090 /- /- /1703 /497 /- AC 2174 /- /- /1220 /380 /- Wind reactions based on MWFRS AA Brg Wid = 3.0 Min Req = 1.5 (Truss) AB Brg Wid = 8.0 Min Req = 3.6 (Truss) AC Brg Wid = 8.0 Min Req = 2.6 (Truss) Bearings AA, AB, & AC are a rigid surface. Bearings AB & AC require a seat plate.  <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 26 0 G - H 895 -2430 B - C 1507 -384 H - I 896 -2435 C - D 1505 -343 I - J 1229 -3874 D - E 729 -2528 J - K 1022 -3840 E - F 856 -2569 K - L 779 -2577 F - G 922 -2402 L - M 45 0
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**Lumber**  
Top chord: 2x6 SP #2;  
Bot chord: 2x6 SP #2; B3 2x6 SP 2400f-2.0E;  
Webs: 2x4 SP #2;  
Rt Stub Wedge: 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 @ 51" oc, all BC @ 24" oc.

**Wind**  
Left cantilever is exposed to wind  
Wind loading based on both gable and hip roof types.

**Additional Notes**  
Negative reaction(s) of -381# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.  
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.  
Top Chord overhang(s) may be field trimmed.

<b>Maximum Bot Chord Forces Per Ply (lbs)</b>			
Chords	Tens.Comp.	Chords	Tens. Comp.
B - Z	401 -1415	S - R	2308 -419
Z - Y	943 -234	T - Q	26 -3
Y - X	2055 -435	R - P	2337 -422
X - W	2055 -435	P - N	3136 -676
W - V	2037 -364	O - L	1756 -491
V - U	2037 -364	N - K	3223 -697
U - T	45 -8		
<b>Maximum Web Forces Per Ply (lbs)</b>			
Webs	Tens.Comp.	Webs	Tens. Comp.
C - Z	266 -433	G - S	182 -163
Z - D	943 -3433	H - S	221 -212
D - Y	1266 -231	S - T	219 -43
Y - E	203 -411	S - I	858 -236
E - W	137 -146	R - Q	98 -71
F - W	424 0	I - P	1310 -399
F - U	564 -256	P - J	348 -563
U - G	385 -584	O - N	918 -221
U - S	2405 -499	O - K	577 -2074


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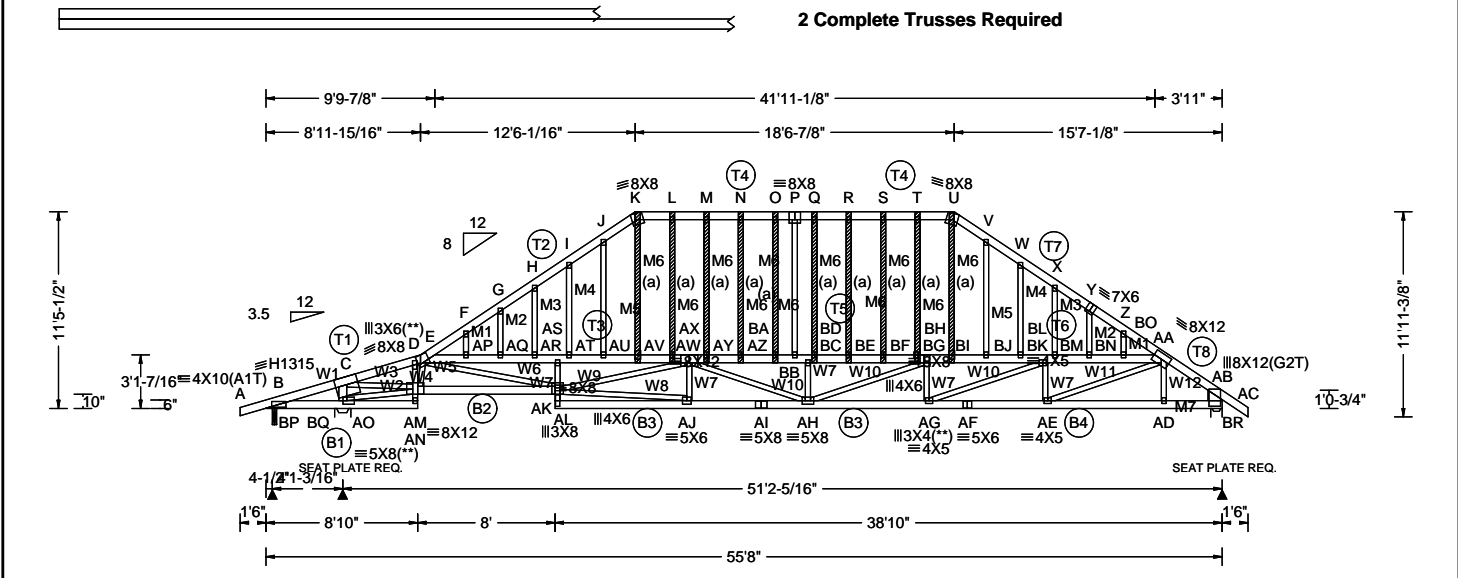
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<b>Loading Criteria (psf)</b>	<b>Wind Criteria</b>	<b>Snow Criteria (Pg,Pf in PSF)</b>	<b>Defl/CSI Criteria</b>	<b>▲ Maximum Reactions (lbs)</b>
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.76 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 5.57 ft ft Loc. from endwall: not in 6.50 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  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	PP Deflection in loc L/defl L/# VERT(LL): 0.346 N 999 360 VERT(TL): 0.695 N 879 240 HORIZ(LL): 0.110 H - - HORIZ(TL): 0.222 H - - Creep Factor: 2.0 Max TC CSI: 0.921 Max BC CSI: 0.859 Max AB CSI: 0.841 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	Gravity Loc R+ / R- / Rh / Rw / U / RL BP 9 /-2757 /- /345 /- /- BQ 9090 /- /- /- /1301 /- BR 5436 /- /- /- /657 /- Non-Gravity Wind reactions based on MWFRS BP Brg Wid = 3.0 Min Req = 1.5 (Truss) BQ Brg Wid = 11.3 Min Req = 5.4 (Truss) BR Brg Wid = 8.0 Min Req = 3.2 (Truss) Bearings BP, BQ, & BR are a rigid surface. Bearings BQ & BR require a seat plate.  <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp.

**Lumber**  
 Top chord: 2x6 SP #2; T1,T3 2x6 SP 2400f-2.0E;  
 Bot chord: 2x6 SP #2; B2 2x6 SP 2400f-2.0E;  
 Webs: 2x4 SP #2; W1 2x6 SP #2;  
 W3 2x4 SP 2400f-2.0E;  
 Rt Stub Wedge: 2x8 SP 2400f-2.0E;

**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.

**Plating Notes**  
 All plates are 3X4 except as noted.

**Purlins**  
 In lieu of structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 51" 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/383.

**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.

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	13 -5	O - P	334 -2742
B - C	4163 -589	P - Q	334 -2742
C - D	452 -3013	Q - R	334 -2742
D - E	422 -2854	R - S	334 -2742
E - F	426 -3380	S - T	334 -2742
F - G	411 -3323	T - U	335 -2748
G - H	405 -3314	U - V	389 -3200
H - I	401 -3260	V - W	399 -3211
I - J	397 -3173	W - X	399 -3233
J - K	389 -3160	X - Y	397 -3278
K - L	335 -2746	Y - Z	412 -3308
L - M	334 -2742	Z -AA	425 -3355
M - N	334 -2742	AA-AB	451 -3949
N - O	334 -2742	AB-AC	23 -8

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
B -AO	550 -3920	AH-AG	2608 -259
AO-AN	13 -100	AG-AF	3356 -358
AM-AK	3614 -530	AF-AE	3356 -358
AL-AJ	161 -20	AE-AD	3140 -354
AJ-AI	2678 -310	AD-AB	3151 -356
AI-AH	2678 -310		

**Maximum Web Forces Per Ply (lbs)**


Webs	Tens.Comp.	Webs	Tens. Comp.
C -AO	495 -3240	AZ-BA	112 -1335
C -AM	6916 -996	BA-BB	112 -1335
AO-AM	578 -4090	BB-BC	112 -1335
D -AM	913 -124	AH-BH	1579 -201
AM-AN	24 -100	BC-AH	160 -680

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 P.E.  
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 3670 COMMERCE CENTER DRIVE  
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For more information see this job's general notes page and these web sites: ALPINE: [www.alpineitw.com](http://www.alpineitw.com); TPI: [www.tpinst.org](http://www.tpinst.org); SBICA: [www.sbicaindustry.com](http://www.sbicaindustry.com); ICC: [www.iccsafe.org](http://www.iccsafe.org)

**Special Loads**

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)  
 TC: From 61 plf at -1.50 to 61 plf at 9.00  
 TC: From 32 plf at 9.00 to 32 plf at 21.50  
 TC: From 30 plf at 21.50 to 30 plf at 51.75  
 TC: From 32 plf at 51.75 to 32 plf at 52.58  
 TC: From 64 plf at 52.58 to 64 plf at 57.17  
 BC: From 20 plf at 0.00 to 20 plf at 8.83  
 BC: From 10 plf at 8.83 to 10 plf at 52.58  
 BC: From 20 plf at 52.58 to 20 plf at 55.67  
 TC: 132 lb Conc. Load at 9.03  
 TC: 47 lb Conc. Load at 11.06,13.06,15.06  
 TC: 106 lb Conc. Load at 17.06,19.06,21.06,23.06  
 25.06,27.06,29.06,31.06,33.06,35.06,37.06,39.06  
 41.06,43.06,45.06,47.06,49.06,51.06  
 TC: 268 lb Conc. Load at 52.58  
 BC: 614 lb Conc. Load at 9.03  
 BC: 319 lb Conc. Load at 11.06,13.06,15.06  
 BC: 255 lb Conc. Load at 17.06,19.06,21.06,23.06  
 25.06,27.06,29.06,31.06,33.06,35.06,37.06,39.06  
 41.06,43.06,45.06,47.06,49.06,51.06  
 BC: 196 lb Conc. Load at 52.58

**Additional Notes**

Negative reaction(s) of -275# 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.  
 WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.  
 Top Chord overhang(s) may be field trimmed.

AM- E	317	-2261	BC-BD	112	-1335
E -AP	242	-1214	BD-BE	112	-1335
E -AK	326	-47	BE-BF	112	-1335
AP-AQ	242	-1210	BF-BG	112	-1335
AQ-AR	243	-1212	BG-BH	112	-1335
AR-AS	243	-1211	BH-AG	783	-12
AK-AL	274	0	BH-BI	49	-74
AK-AJ	2552	-288	AG-BL	105	-714
AK-AX	1146	-260	BI-BJ	29	-72
AS-AK	570	0	BJ-BK	29	-72
AS-AT	226	-1089	BK-BL	29	-72
AT-AU	227	-1087	BL-AE	382	0
AU-AV	227	-1088	BL-BM	22	-675
AV-AW	225	-1068	AE-AA	279	-7
AW-AX	225	-1068	BM-BN	21	-676
AJ-AX	243	-16	BN-BO	21	-675
AX-AY	112	-1335	BO-AA	19	-670
AX-AH	1499	-146	AA-AD	59	-24
AY-AZ	112	-1335			

Maximum Gable Forces Per Ply (lbs)					
Gables		Tens.Comp.		Gables Tens. Comp.	
F -AP	41	0	Q -BD	49	-211
G -AQ	15	-42	R -BE	7	-18
H -AR	42	-15	S -BF	13	-15
I -AT	76	-16	T -BG	490	-23
J -AU	20	-68	BI -U	1126	-122
K -AV	1117	-126	BJ -V	6	-19
L -AW	148	-1	BK -W	13	-25
M -AY	210	0	BM -X	54	-25
N -AZ	17	-51	BN -Y	7	-32
O -BA	13	-36	BO -Z	11	-3
P -BB	25	-111			

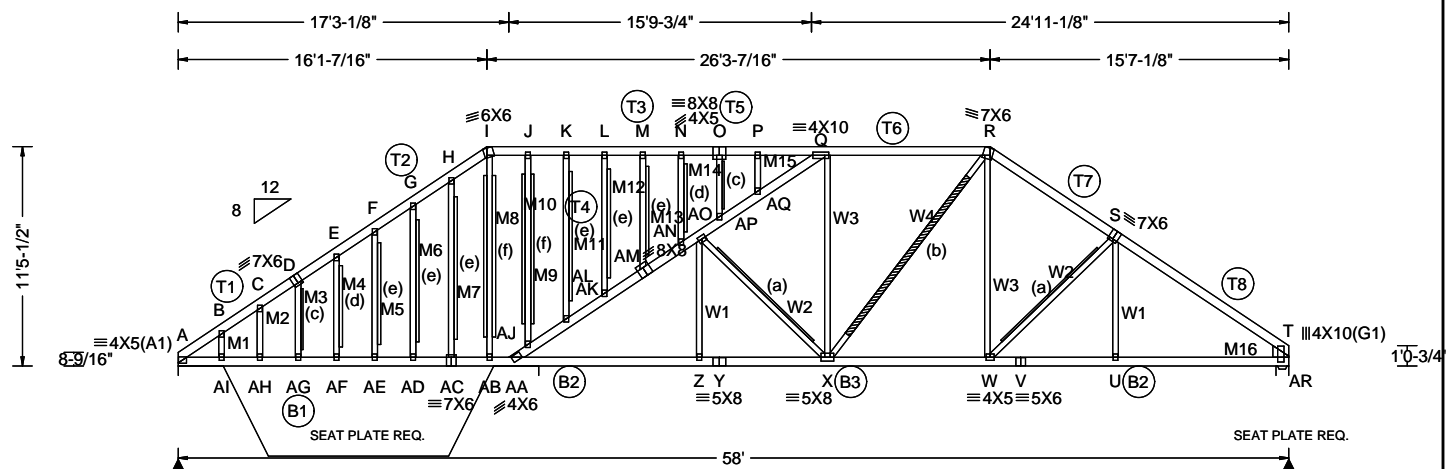
## PLATING NOTES

All plates are 3X4 except as noted.

EDDIE JESUS MEJIA-MEDINA  
 P.E.  
 #98829

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<b>Loading Criteria (psf)</b> TCLL: 20.00 TCDL: 10.00 BCDL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.96 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 5.80 ft ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.086 M 999 360 VERT(TL): 0.151 M 999 240 HORZ(LL): 0.051 AL - - HORZ(TL): 0.078 AM - - Creep Factor: 2.0 Max TC CSI: 0.468 Max BC CSI: 0.449 Max Web CSI: 0.553 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * = PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A* 175 - / - / - /100 /9 /18 AR 1581 - / - / - /1007 /58 - /- A - /-201 Wind reactions based on MWFRS A Brg Wid = 226 Min Req = - AR Brg Wid = 8.0 Min Req = 1.9 (Truss) Bearings A & AR are a rigid surface. Bearings A & AR require a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp.
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**Lumber**  
Top chord: 2x6 SP #2;  
Bot chord: 2x6 SP #2;  
Webs: 2x4 SP #2;  
Rt Stub Wedge: 2x8 SP 2400F-2.0E;

**Bracing**  
Use structural panels to brace the left parapet.  
(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.  
(b) #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.

**Plating Notes**  
All plates are 3X4 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.

**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/592.

**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.  
  
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	462 -364	K - L	377 0
B - C	453 -293	L - M	377 0
C - D	462 -241	M - N	378 0
D - E	467 -187	N - O	384 0
E - F	470 -132	O - P	391 0
F - G	473 -73	P - Q	388 0
G - H	478 -8	Q - R	656 -1285
H - I	471 0	R - S	708 -1745
I - J	373 0	S - T	668 -2246
J - K	376 0		

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - AI	314 -337	AB-AA	323 -389
AI-AH	325 -350	AA- Z	3296 -775
AH-AG	330 -355	Z - Y	1647 -388
AG-AF	332 -359	Y - X	1647 -388
AF-AE	334 -362	X - W	1347 -260
AE-AD	336 -364	W - V	1718 -412
AD-AC	337 -366	V - U	1718 -412
AC-AB	324 -388	U - T	1721 -413

**Maximum Web Forces Per Ply (lbs)**


Webs	Tens.Comp.	Webs	Tens. Comp.
AA-AJ	1030 -2721	AO- X	257 -538
AJ-AK	863 -2482	AP-AQ	709 -1999
AK-AL	857 -2455	AQ- Q	728 -2030
AL-AM	841 -2427	Q - X	639 -93
AM-AN	827 -2404	X - R	82 -178
AN-AO	754 -2279	R - W	574 -74
Z -AO	269 0	W - S	236 -527
AO-AP	772 -2106	S - U	298 0

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A16

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

Ply: 1  
Qty: 1  
Wgt: 558.6 lbs

SEQN: 30214 / T43 / GABL  
DESIGNER: CLG  
10/24/2025 Page 2 of 2

**Gable Reinforcement**

(c) 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.  
(d) 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.  
(e) 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.  
(f) 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.

**Maximum Gable Forces Per Ply (lbs)**

Gables	Tens.Comp.	Gables	Tens. Comp.
B -AI	142 -164	J -AJ	300 -389
C -AH	104 -120	K -AK	12 -50
D -AG	92 -124	L -AL	44 -51
E -AF	88 -127	M -AM	36 -43
F -AE	90 -126	N -AN	175 -236
G -AD	105 -122	O -AP	138 -204
H -AC	103 -142	P -AQ	61 -36
I -AB	0 -248		

# PLATING NOTES

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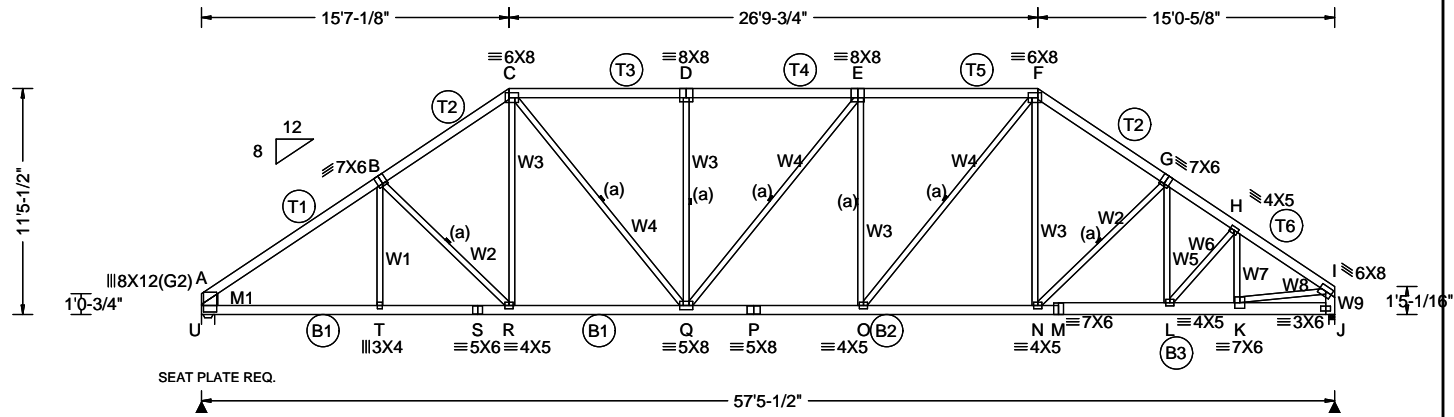
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<b>Truss Label:</b> <b>A14</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 471.8 lbs	<b>SEQN:</b> 29962 / T61 / COMM <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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: 5.75 ft ft Loc. from endwall: not in 6.50 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by Mfg FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.176 D 999 360 VERT(TL): 0.364 D 999 240 HORZ(LL): 0.072 J - - HORZ(TL): 0.150 J - - Creep Factor: 2.0 Max TC CSI: 0.612 Max BC CSI: 0.689 Max Web CSI: 0.826 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity U 2521 - / - / - / 411 - / - J 3556 - / - / - / 484 - / - Wind reactions based on MWFRS U Brg Wid = 8.0 Min Req = 3.0 (Truss) J Brg Wid = 3.5 Min Req = 1.5 (Support) Bearings U & J are a rigid surface. Bearing U requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 653 -3803 E - F 540 -3432 B - C 567 -3353 F - G 570 -3585 C - D 540 -3375 G - H 628 -4274 D - E 540 -3374 H - I 656 -4787
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**Lumber**  
Top chord: 2x6 SP #2; T3,T4,  
T5 2x6 SP 2400f-2.0E;  
Bot chord: 2x6 SP #2; B3 2x8 SP 2400f-2.0E;  
Webs: 2x4 SP #2; W9 2x6 SP #2;  
Lt Stub Wedge: 2x8 SP 2400f-2.0E;

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

**Special Loads**  
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)  
TC: From 64 plf at 0.00 to 64 plf at 57.46  
BC: From 20 plf at 0.00 to 20 plf at 57.00  
BC: 1258 lb Conc. Load at 52.56

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

**Wind**  
Right end vertical not exposed to wind pressure.  
Wind loading based on both gable and hip roof types.

**Additional Notes**  
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

**EDDIE JESUS MEJIA-MEDINA**  
P.E.  
#98829

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - T	2996 -488	O - N	2897 -443
T - S	2993 -487	N - M	3499 -505
S - R	2993 -487	M - L	3500 -505
R - Q	2687 -433	L - K	3885 -523
Q - P	3445 -545	K - J	299 -42
P - O	3445 -545		

**Maximum Web Forces Per Ply (lbs)**


Webs	Tens.Comp.	Webs	Tens. Comp.
T - B	257 0	F - N	742 0
B - R	76 -436	N - G	88 -856
C - R	544 0	G - L	695 0
C - Q	1086 -169	L - H	111 -583
D - Q	218 -570	H - K	479 -224
Q - E	25 -113	K - I	3660 -485
E - O	211 -483	I - J	487 -3408
O - F	852 -155		

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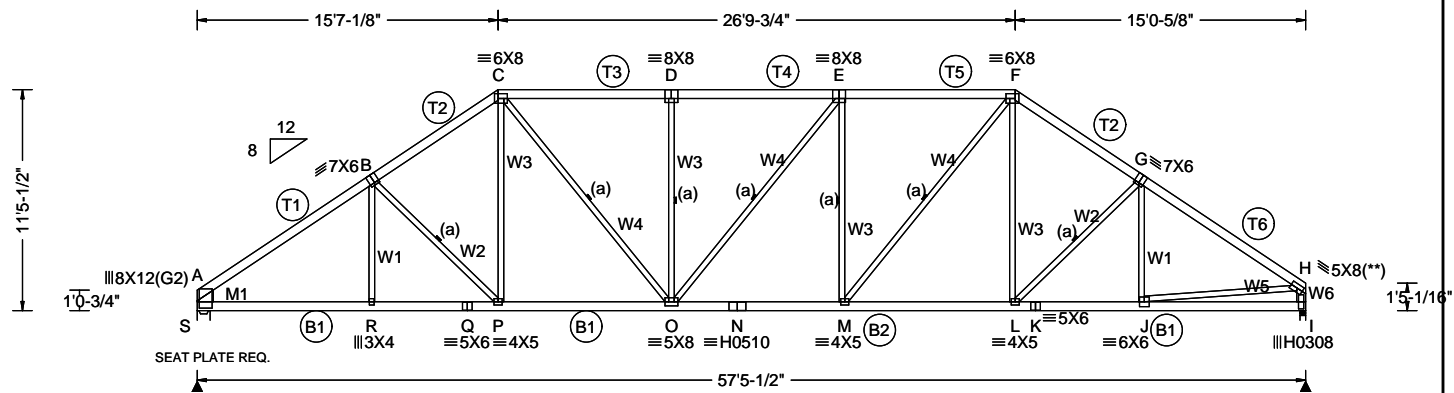
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<b>Truss Label:</b> <b>A15</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 4 <b>Wgt:</b> 451.5 lbs	<b>SEQN:</b> 30086 / T35 / COMN <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b>	<b>Wind Criteria</b>
TCLL: 20.00	Wind Std: ASCE 7-22
TCDL: 10.00	Speed: 130 mph
BCLL: 0.00	Enclosure: Closed
BCDL: 10.00	Risk Category: II
Des Ld: 40.00	EXP: C
NCBCLL: 10.00	Mean Height: 16.26 ft
Soffit: 0.00	TCDL: 4.0 psf
Load Duration: 1.25	BCDL: 6.0 psf
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h
	C&C Dist a: 5.75 ft ft
	Loc. from endwall: not in 13.00 ft
	GCpi: 0.18
	Wind Duration: 1.60

<b>Snow Criteria (Pg,Pf in PSF)</b>	<b>Bldg Code:</b>
Pg: NA Ct: NA CAT: NA	FBC 8th Ed. 2023 Res.
Pf: NA Ce: NA	TPI Std: 2014
Lu: NA Cs: NA	Rep Factors Used: Yes
Snow Duration: NA	FT/RT:20(0)/10(0)
	Plate Type(s):
	WAVE, HS

<b>Defl/CSI Criteria</b>
PP Deflection in loc L/defl L/#
VERT(LL): 0.245 D 999 360
VERT(TL): 0.422 D 999 240
HORZ(LL): 0.107 H - -
HORZ(TL): 0.184 H - -
Creep Factor: 2.0
Max TC CSI: 0.697
Max BC CSI: 0.862
Max Web CSI: 0.746
Mfg Specified Camber:
VIEW Ver: 24.02.01D.0602.19

<b>Maximum Reactions (lbs)</b>
Gravity
Loc R+ / R- / Rh / Rw / U / RL
S 2969 - / - / - /1417 /128 /320
I 2877 - / - / - /1407 /123 -
Wind reactions based on MWFRS
S Brg Wid = 8.0 Min Req = 3.5 (Truss)
I Brg Wid = 3.5 Min Req = 3.4 (Truss)
Bearings S & I are a rigid surface.
Bearing S requires a seat plate.
<b>Maximum Top Chord Forces Per Ply (lbs)</b>
Chords Tens.Comp. Chords Tens. Comp.
A - B 1087 -4508 E - F 1208 -3881
B - C 1140 -3934 F - G 1123 -3823
C - D 1218 -3903 G - H 1023 -4107
D - E 1217 -3902

<b>Maximum Bot Chord Forces Per Ply (lbs)</b>
Chords Tens.Comp. Chords Tens. Comp.
A - R 3576 -776 N - M 3896 -828
R - Q 3572 -775 M - L 3078 -611
Q - P 3572 -775 L - K 3302 -724
P - O 3171 -627 K - J 3302 -724
O - N 3896 -828 J - I 288 -110

<b>Maximum Web Forces Per Ply (lbs)</b>
Webs Tens.Comp. Webs Tens. Comp.
R - B 257 0 M - F 1280 -359
B - P 214 -570 F - L 571 -42
C - P 738 -63 L - G 177 -371
C - O 1154 -347 G - J 174 -137
D - O 425 -566 J - H 3029 -629
O - E 134 -114 H - I 750 -2788
E - M 389 -585

**Lumber**

Top chord: 2x6 SP #2; T3,T4,  
T5 2x6 SP 2400f-2.0E;  
Bot chord: 2x6 SP #2;  
Webs: 2x4 SP #2; W6 2x6 SP #2;  
Lt Stub Wedge: 2x8 SP 2400f-2.0E;

**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 @ 24" oc, all BC @ 24" oc.

**Wind**

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

**Additional Notes**

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

EDDIE JESUS MEJIA-MEDINA

P.E.


#98829

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

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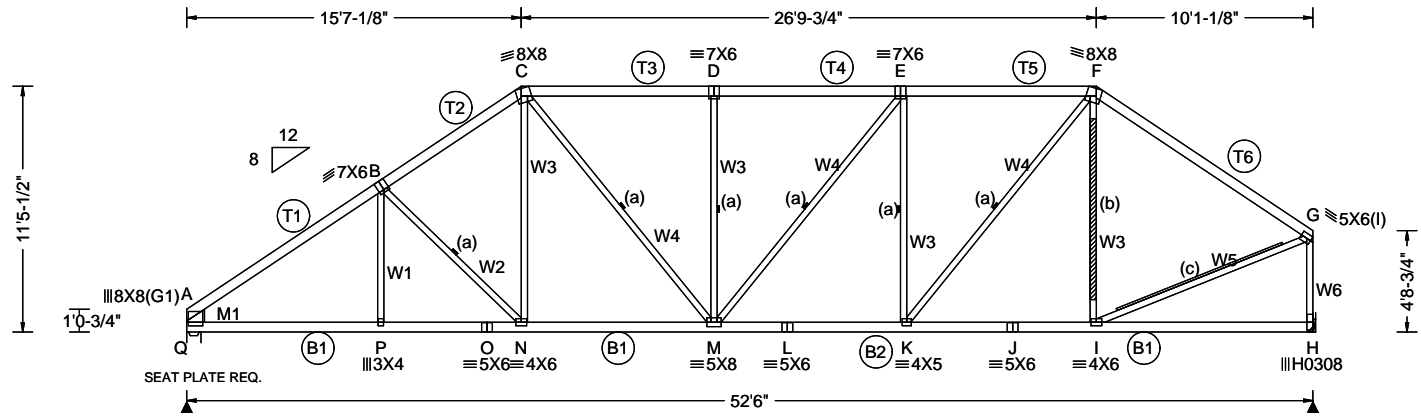
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For more information see this job's general notes page and these web sites: ALPINE: [www.alpineitw.com](http://www.alpineitw.com); TPI: [www.tpinst.org](http://www.tpinst.org); SBCEA: [www.sbceaindustry.com](http://www.sbceaindustry.com); ICC: [www.iccsafe.org](http://www.iccsafe.org)



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<b>Truss Label:</b> <b>A13</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 417.2 lbs	<b>SEQN:</b> 30257 / T17 / COMM <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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 to 2h C&C Dist a: 5.25 ft ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.127 D 999 360 VERT(TL): 0.261 D 999 240 HORZ(LL): 0.047 I - - HORZ(TL): 0.098 I - - Creep Factor: 2.0 Max TC CSI: 0.861 Max BC CSI: 0.540 Max Web CSI: 0.766 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity Loc R+ / R- / Rh / Rw / U / RL Q 2206 /- /- /1316 /138 /302 H 2206 /- /- /1215 /104 /- Wind reactions based on MWFRS Q Brg Wid = 8.0 Min Req = 2.6 (Truss) H Brg Wid = - Min Req = - Bearing Q is a rigid surface. Bearing Q requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 974 - 3280 D - E 1073 - 2672 B - C 1027 - 2813 E - F 1006 - 2462 C - D 1074 - 2673 F - G 763 - 2207  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - P 2568 - 802 L - K 2481 - 745 P - O 2565 - 801 K - J 1714 - 494 O - N 2565 - 801 J - I 1714 - 494 N - M 2237 - 660 I - H 0 0 M - L 2481 - 745  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. P - B 267 0 E - K 414 - 763 B - N 213 - 467 K - F 1191 - 405 C - N 551 - 64 F - I 338 - 499 C - M 688 - 265 I - G 1858 - 536 D - M 437 - 587 G - H 746 - 2124 M - E 308 - 166
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**Lumber**  
Top chord: 2x6 SP #2; T3,T4,  
T5 2x6 SP 2400f-2.0E;  
Bot chord: 2x6 SP #2;  
Webs: 2x4 SP #2;  
Lt Stub Wedge: 2x8 SP 2400f-2.0E;

**Bracing**  
(a) Continuous lateral restraint equally spaced on member.  
(c) 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.  
(b) #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**  
Right end vertical not exposed to wind pressure.  
Wind loading based on both gable and hip roof types.


**Additional Notes**  
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.  
Provide hanger or special connection at right end of truss for 2206 lbs.

**EDDIE JESUS MEJIA-MEDINA**  
P.E.  
#98829

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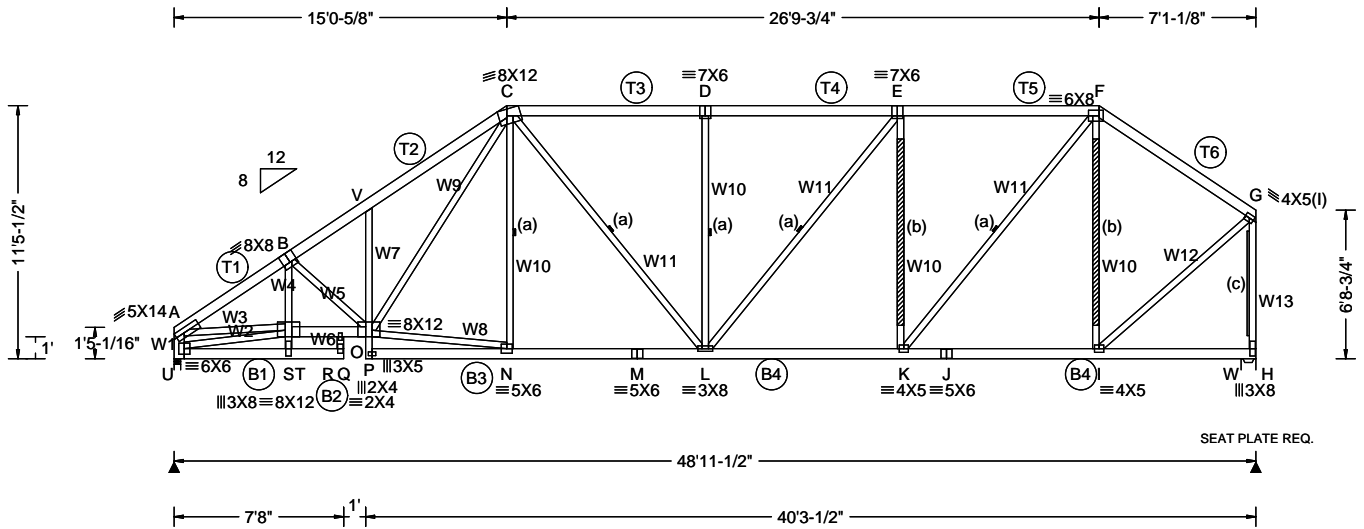
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<b>Truss Label:</b> <b>A12</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 450.1 lbs	<b>SEQN:</b> 29959 / T36 / COMN <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 16.44 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 4.90 ft ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by Mfg FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.152 P 999 360 VERT(TL): 0.315 P 999 240 HORZ(LL): 0.074 I - - HORZ(TL): 0.154 I - - Creep Factor: 2.0 Max TC CSI: 0.806 Max BC CSI: 0.516 Max Web CSI: 0.999 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL U 3180 -/- /- /- /425 -/ W 2183 -/- /- /- /355 -/ Wind reactions based on MWFRS U Brg Wid = 3.5 Min Req = 1.5 (Support) W Brg Wid = 8.0 Min Req = 2.6 (Truss) Bearings U & W are a rigid surface. Bearing W requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 764 -5580 D - E 410 -2615 B - C 638 -4297 E - F 356 -2234 C - D 410 -2616 F - G 282 -1619
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**Lumber**  
Top chord: 2x6 SP #2; T3,T4,  
T5 2x6 SP 2400f-2.0E;  
Bot chord: 2x6 SP #2; B2 2x6 SP 2400f-2.0E;  
Webs: 2x4 SP #2; W1 2x6 SP #2;  
W3 2x4 SP 2400f-2.0E;

**Bracing**  
(a) Continuous lateral restraint equally spaced on member.  
(c) 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.  
(b) #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.

**Special Loads**  
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)  
TC: From 64 plf at 0.00 to 64 plf at 48.96  
BC: From 20 plf at 0.46 to 20 plf at 48.96  
BC: 1258 lb Conc. Load at 4.90

**Additional Notes**  
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
U - T	100 -12	M - L	2402 -367
T - Q	38 -5	L - K	2261 -363
S - R	4558 -615	K - J	1265 -204
R - O	4585 -618	J - I	1265 -204
P - N	134 -16	I - H	0 0
N - M	2402 -367		

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.	Webs	Tens. Comp.
A - U	433 -3055	V - O	0 0
A - S	4444 -604	C - N	147 -248
U - S	45 -3	C - L	538 -68
S - T	1218 -11	D - L	204 -537
S - B	1296 -19	L - E	572 -75
B - O	192 -1558	E - K	278 -1025
R - Q	65 -6	K - F	1544 -242
O - P	92 0	F - I	267 -931
O - C	1933 -207	I - G	1682 -271
O - N	2306 -356	G - H	381 -2130

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


**EDDIE JESUS MEJIA-MEDINA**  
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#98829

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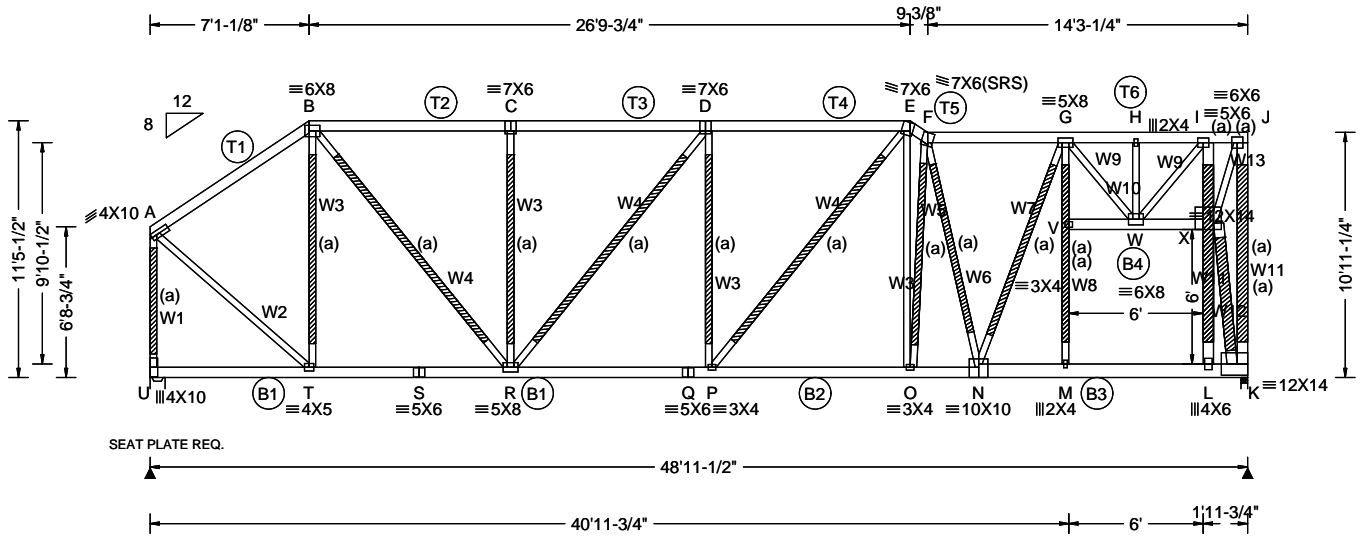
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<b>Truss Label:</b> <b>A11</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 538.3 lbs	<b>SEQN:</b> 30102 / T47 / COMN <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> TCCL: 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 19.09 ft TCCL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.90 ft ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.140 D 999 360 VERT(TL): 0.306 F 999 240 HORZ(LL): 0.072 W - - HORZ(TL): 0.157 W - - Creep Factor: 2.0 Max TC CSI: 0.474 Max BC CSI: 0.518 Max Web CSI: 0.833 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>U</td> <td>2077</td> <td>-</td> <td>-</td> <td></td> <td>1122</td> <td>157</td> </tr> <tr> <td>K</td> <td>2237</td> <td>-</td> <td>-</td> <td></td> <td>1027</td> <td>347</td> </tr> </tbody> </table> <p>Wind reactions based on MWFRS          U Brg Wid = 8.0 Min Req = 2.5 (Truss)          K Brg Wid = 3.5 Min Req = 1.9 (Truss)          Bearings U &amp; K are a rigid surface.          Bearing U requires a seat plate.</p>						Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	U	2077	-	-		1122	157	K	2237	-	-		1027	347
				Loc	Gravity			Non-Gravity																												
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**Lumber**  
 Top chord: 2x6 SP 2400f-2.0E; T1,T5 2x6 SP #2;  
 Bot chord: 2x6 SP #2; B3 2x8 SP 2400f-2.0E;  
 Webs: 2x4 SP #2; W8 2x4 SP 2400f-2.0E; W11,  
 W12 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.

**Loading**  
 Mechanical Unit Loads Supported by this Truss

At	Truss	Unit	Unit	Supporting
X-Loc	Piece	Lbs.	Width	Trusses
43.98	BC	200.0	2.00	2

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

**Additional Notes**  
 WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

**EDDIE JESUS MEJIA-MEDINA**  
 P.E.  
 #98829

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
U - T	88 - 184	P - O	2054 - 874
T - S	1196 - 594	O - N	2068 - 878
S - R	1196 - 594	N - M	1378 - 575
R - Q	2382 - 1020	M - L	1367 - 571
Q - P	2382 - 1020	L - K	1355 - 562

**Maximum Web Forces Per Ply (lbs)**


Webs	Tens.Comp.	Webs	Tens. Comp.
A - U	780 - 2025	G - V	203 - 74
A - T	1592 - 545	G - W	743 - 1848
B - T	464 - 868	V - M	208 - 81
B - R	1418 - 526	V - W	33 - 14
R - D	243 - 464	H - W	122 - 134
C - R	451 - 558	W - I	2025 - 898
D - P	283 - 212	W - X	1004 - 2372
P - E	514 - 225	I - X	936 - 1943
E - O	335 - 38	X - L	804 - 164
O - F	142 - 180	X - J	973 - 2242
F - N	484 - 1084	X - K	2035 - 4906
N - G	1318 - 571	J - K	2058 - 876

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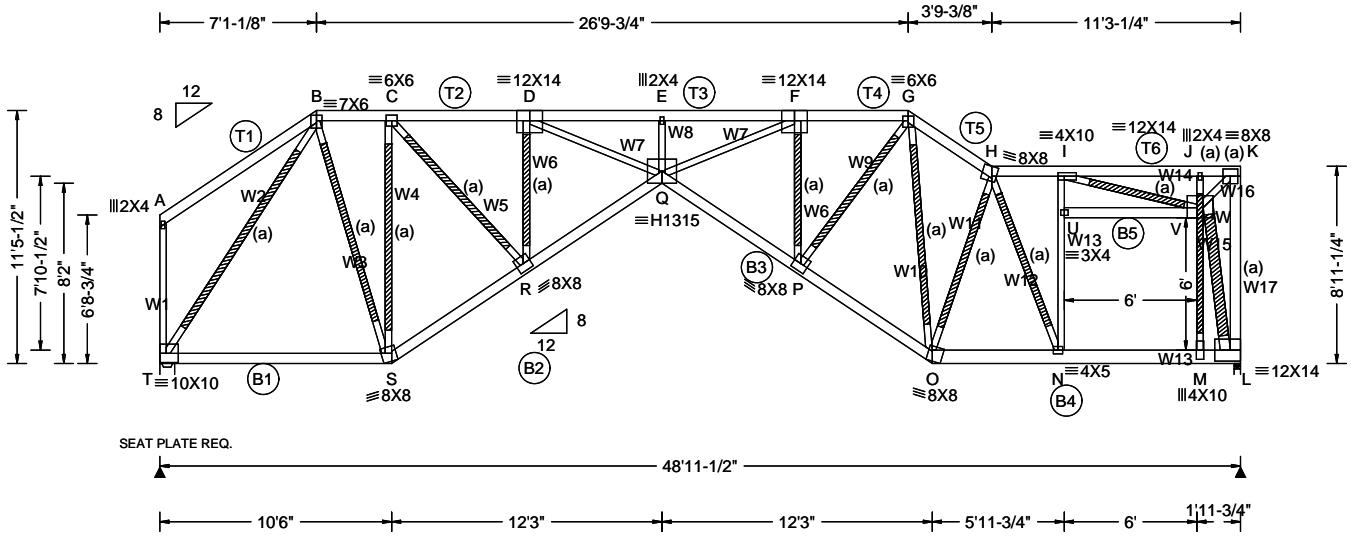
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<b>Truss Label:</b> <b>A10</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 498.4 lbs	<b>SEQN:</b> 30106 / T39 / SPEC <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 19.09 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.90 ft ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by Mfg FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.610 E 963 360 VERT(TL): 1.348 E 435 240 HORZ(LL): 0.386 L - - HORZ(TL): 0.849 L - - Creep Factor: 2.0 Max TC CSI: 0.556 Max BC CSI: 0.989 Max AB CSI: 0.966 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity T 2130 - / - / - /1162 /133 /135 L 2283 - / - / - /1082 /255 - /- Wind reactions based on MWFRS T Brg Wid = 8.0 Min Req = 2.5 (Truss) L Brg Wid = 3.5 Min Req = 1.9 (Truss) Bearings T & L are a rigid surface. Bearing T requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 144 -126 F - G 1521 -3771 B - C 726 -1640 G - H 1042 -2662 C - D 1372 -3474 H - I 621 -1638 D - E 3510 -9328 I - J 2617 -1001 E - F 3510 -9328 J - K 2551 -976
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**Lumber**  
Top chord: 2x6 SP 2400f-2.0E; T1,T5 2x6 SP #2;  
Bot chord: 2x6 SP #2; B3 2x6 SP 2400f-2.0E;  
B4 2x8 SP 2400f-2.0E;  
Webs: 2x4 SP #2; W2,W4,W7,W12,  
W13 2x4 SP 2400f-2.0E; W15,W17 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.

**Loading**

Mechanical Unit Loads Supported by this Truss				
At	Truss	Unit	Unit	Supporting
X-Loc	Piece	Lbs.	Width	Trusses
43.98	BC	200.0	2.00	2

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

**Additional Notes**  
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

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**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
T - S	1175 -473	P - O	2747 -1039
S - R	2007 -778	O - N	2227 -851
R - Q	4279 -1569	N - M	1572 -601
Q - P	4629 -1741	M - L	1556 -595

**Maximum Web Forces Per Ply (lbs)**


Webs	Tens.Comp.	Webs	Tens. Comp.
A - T	192 -227	O - H	147 -197
T - B	692 -2164	H - N	685 -1753
B - S	1566 -494	N - U	1246 -322
C - S	1016 -2384	U - I	1239 -319
C - R	2773 -997	U - V	95 -37
R - D	1257 -3162	I - V	1696 -4435
D - Q	6372 -2361	J - V	505 -899
E - Q	240 -260	V - M	1398 -372
Q - F	6050 -2161	V - L	2272 -5945
F - P	1241 -2955	W - K	1311 -3428
P - G	2568 -947	K - L	2663 -1033
G - O	410 -952		

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

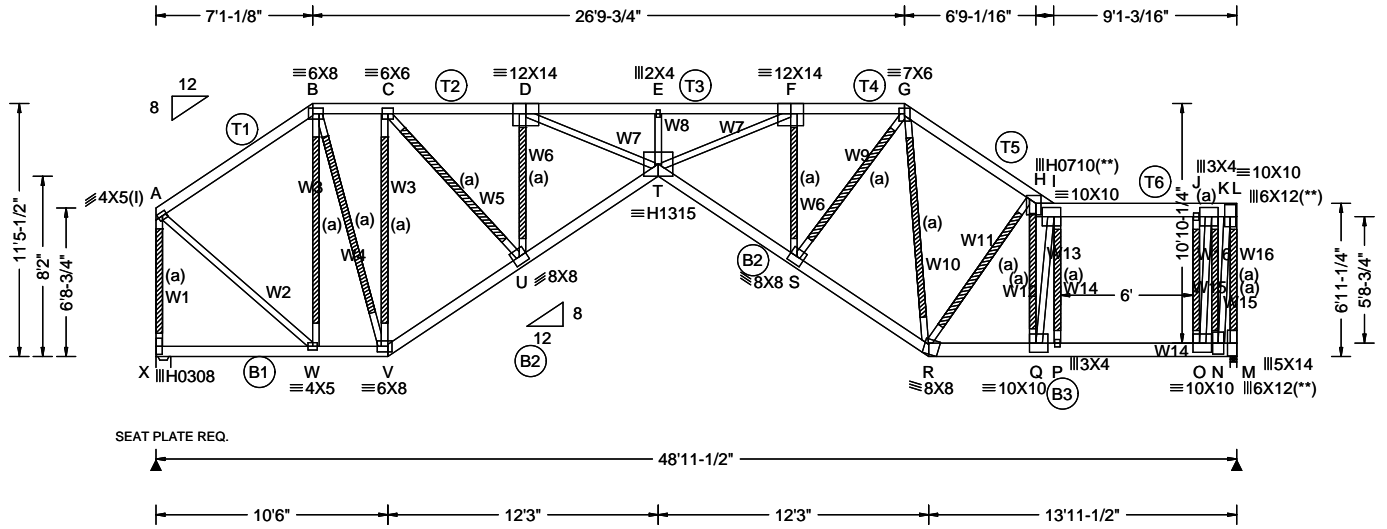
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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. **A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

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



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:	19.09 ft
TCDL:	4.0 psf
BCDL:	6.0 psf
MWFRS Parallel Dist:	h to 2h
C&C Dist a:	4.90 ft ft
Loc. from endwall:	not in 13.00 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	
Use	
FT/RT:20(0)/10(0)	
Plate Type(s):	
WAVE, HS	

Defl/CSI Criteria	
PP Deflection in loc L/defl L/#	
VERT(LL): 0.813 E 722 360	
VERT(TL): 1.811 E 324 240	
HORZ(LL): 0.369 N - -	
HORZ(TL): 0.823 B - -	
Creep Factor:	2.0
Max TC CSI:	0.712
Max BC CSI:	0.933
Max Web CSI:	0.947
Mfg Specified Camber:	
VIEW Ver:	24.02.01D.0602.19

▲ Maximum Reactions (lbs)						
Loc	Gravity			Non-Gravity		
	R+	/R-	/Rh	/Rw	/U	/RL
X	2130	-	-	/1153	/136	/142
M	2283	-	-	/1122	/184	-
Wind reactions based on MWFRS						
X	Brg Wid = 8.0 Min Req = 1.8 (Truss)					
M	Brg Wid = 3.5 Min Req = 1.9 (Truss)					
Bearings X & M are a rigid surface.						
Bearing X requires a seat plate.						

Maximum Top Chord Forces Per Ply (lbs)					
Chords	Tens.Comp.	Chords	Tens.	Comp.	
A - B	586	-1575	G - H	998	-2774
B - C	725	-1623	H - I	603	-1723
C - D	1316	-3483	I - J	538	-1578
D - E	3247	-9304	J - K	515	-1519
E - F	3247	-9304	K - L	253	-735
F - G	1448	-3772			

**Lumber**

Top chord: 2x6 SP 2400f-2.0E;  
 T6 2x8 SP 2400f-2.0E;  
 Bot chord: 2x6 SP 2400f-2.0E;  
 B3 2x8 SP 2400f-2.0E;  
 Webs: 2x4 SP #2; W3,W7,W13,W15,  
 W16 2x4 SP 2400f-2.0E;

**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.

**Loading**

Mechanical Unit Loads Supported by this Truss				
At	Truss	Unit	Unit	Supporting
X-Loc	Piece	Lbs.	Width	Trusses
43.98	BC	200.0	2.00	2

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

**Additional Notes**

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

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Maximum Bot Chord Forces Per Ply (lbs)					
Chords	Tens.Comp.	Chords	Tens.	Comp.	
X - W	137	-142	R - Q	2212	-746
W - V	1224	-409	Q - P	1636	-560
V - U	2005	-683	P - O	1578	-538
U - T	4279	-1417	O - N	1007	-346
T - S	4620	-1564	N - M	0	0
S - R	2763	-932			

Maximum Web Forces Per Ply (lbs)					
Webs	Tens.Comp.	Webs	Tens.	Comp.	
A - X	751	-2076	S - G	2549	-855
A - W	1628	-509	G - R	407	-945
B - W	407	-926	R - H	57	-152
B - V	1340	-473	Q - H	1324	-4051
C - V	872	-2307	Q - I	5456	-1764
C - U	2813	-911	I - P	986	-2558
U - D	1169	-3157	J - O	993	-2540
D - T	6336	-2140	O - K	5898	-1950
E - T	246	-262	K - N	2022	-5912
T - F	6025	-1955	N - L	5565	-1912
F - S	1125	-2913	L - M	1347	-3997

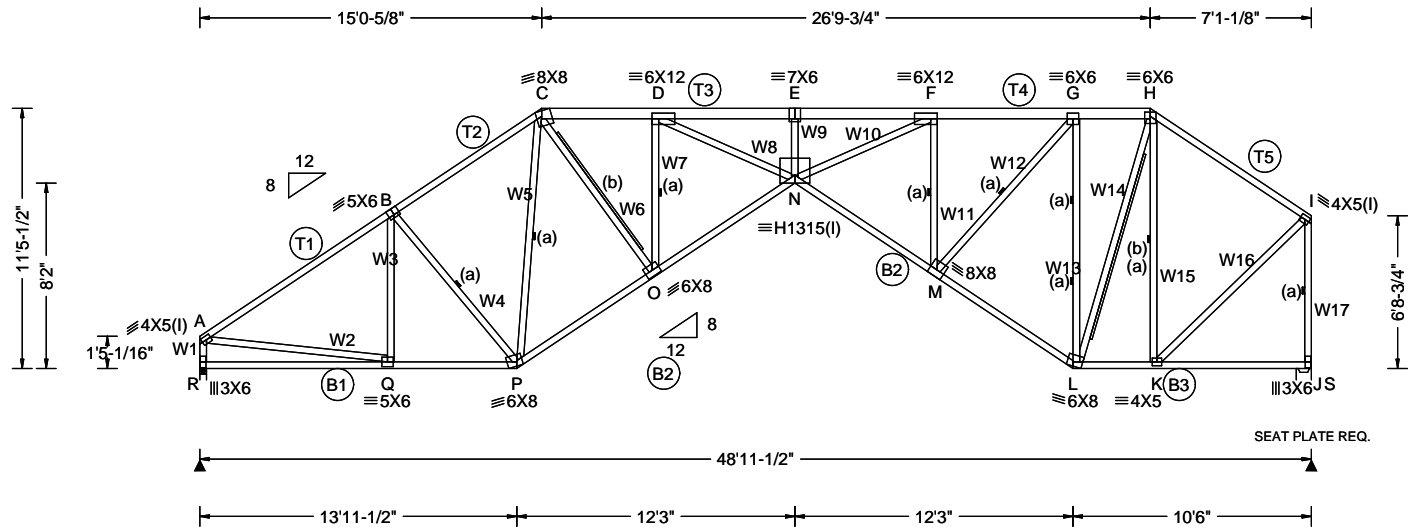
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<b>Truss Label:</b> <b>A8</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 2 <b>Wgt:</b> 376.6 lbs	<b>SEQN:</b> 30203 / T169 / SPEC <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 16.44 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: h to 2h C&C Dist a: 4.90 ft ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.560 E 999 360 VERT(TL): 1.186 E 495 240 HORZ(LL): 0.415 K - - HORZ(TL): 0.880 K - - Creep Factor: 2.0 Max TC CSI: 0.928 Max BC CSI: 0.798 Max Web CSI: 0.957 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity R 2176 - / - /1273 /100 /437 S 2231 - / - /1126 /139 - / Wind reactions based on MWFRS R Brg Wid = 3.5 Min Req = 2.6 (Truss) S Brg Wid = 8.0 Min Req = 2.6 (Truss) Bearings R & S are a rigid surface. Bearing S requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 810 -2959 E - F 3144 -9091 B - C 927 -2667 F - G 1238 -3424 C - D 1260 -3692 G - H 693 -1615 D - E 3144 -9091 H - I 578 -1536
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**Lumber**  
Top chord: 2x4 SP #2; T1 2x4 SP 2400f-2.0E; T3, T4 2x6 SP 2400f-2.0E;  
Bot chord: 2x4 SP #2; B2 2x4 SP 2400f-2.0E;  
Webs: 2x4 SP #2; W8,W10 2x4 SP 2400f-2.0E;

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

**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 @ 24" oc, all BC @ 24" oc.

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
R - Q	413 -470	N - M	4260 -1556
Q - P	2354 -858	M - L	1991 -778
P - O	2705 -961	L - K	1224 -502
O - N	4574 -1578	K - J	153 -141

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.	Webs	Tens. Comp.
A - R	629 -2104	N - F	6187 -2076
A - Q	2255 -537	F - M	1226 -3180
Q - B	173 -74	M - G	2767 -932
B - P	195 -386	G - L	899 -2287
P - C	438 -1042	L - H	1333 -446
C - O	2575 -838	H - K	449 -951
O - D	1117 -2979	K - I	1647 -540
D - N	5894 -2054	I - J	712 -2102
E - N	224 -270		

**Wind**  
End verticals exposed to wind pressure. Deflection meets L/360.  
Wind loading based on both gable and hip roof types.

**Additional Notes**  
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.


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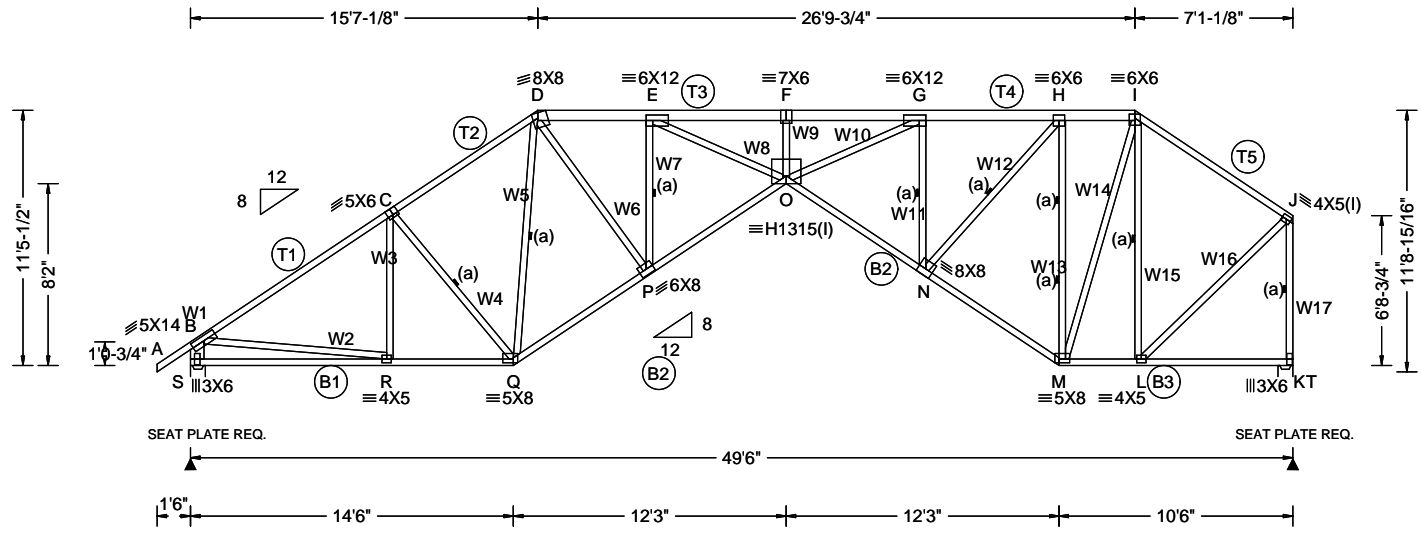
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<b>Truss Label:</b> <b>A7</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 383.6 lbs	<b>SEQN:</b> 30120 / T5 / COMM <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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: 4.95 ft ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.549 F 999 360 VERT(TL): 1.187 F 500 240 HORZ(LL): 0.411 L - - HORZ(TL): 0.890 L - - Creep Factor: 2.0 Max TC CSI: 0.553 Max BC CSI: 0.767 Max Web CSI: 0.997 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity S 2219 - / - / /1313 /119 /309 T 2132 - / - / /1151 /126 - /- Wind reactions based on MWFRS S Brg Wid = 8.0 Min Req = 2.6 (Truss) T Brg Wid = 8.0 Min Req = 2.5 (Truss) Bearings S & T are a rigid surface. Bearings S & T require a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 53 0 F - G 2797 -9098 B - C 801 -3034 G - H 1168 -3419 C - D 889 -2678 H - I 667 -1608 D - E 1274 -3703 I - J 525 -1518 E - F 2797 -9098
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**Lumber**  
Top chord: 2x4 SP 2400f-2.0E; T3,  
T4 2x6 SP 2400f-2.0E;  
Bot chord: 2x4 SP #2; B2 2x4 SP 2400f-2.0E;  
Webs: 2x4 SP #2; W1 2x8 SP 2400f-2.0E; W8, W10 2x4 SP 2400f-2.0E;

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

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

**Additional Notes**  
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.  
Top Chord overhang(s) may be field trimmed.

**Maximum Bot Chord Forces Per Ply (lbs)**  
Chords Tens.Comp. Chords Tens. Comp.  
S - R 758 -444 O - N 4255 -1228  
R - Q 2390 -751 N - M 1982 -587  
Q - P 2720 -813 M - L 1209 -348  
P - O 4586 -1382 L - K 0 0


**Maximum Web Forces Per Ply (lbs)**  
Webs Tens.Comp. Webs Tens. Comp.  
B - S 675 -2124 O - G 6200 -1832  
B - R 1743 -321 G - N 1055 -3186  
R - C 188 -8 N - H 2771 -791  
C - Q 210 -426 H - M 775 -2290  
Q - D 348 -1043 M - I 1359 -428  
D - P 2576 -770 I - L 395 -985  
P - E 1035 -2975 L - J 1626 -463  
E - O 5889 -1657 J - K 689 -2077  
F - O 207 -270

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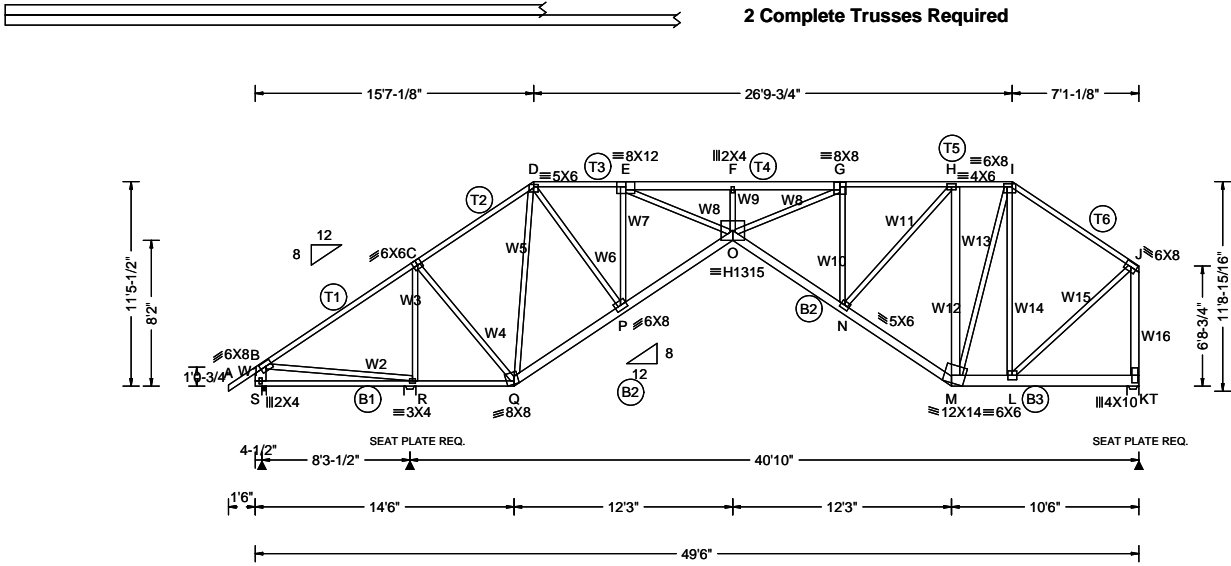
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<b>Truss Label:</b> <b>A6</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 2 <b>Qty:</b> 1 <b>Wgt:</b> 847.0 lbs	<b>SEQN:</b> 30252 / T55 / COMM <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> TCLL: 20.00 TCDL: 10.00 BCDL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	<b>Wind Criteria</b> 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: 4.95 ft ft Loc. from endwall: not in 13.00 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by Mfg FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.385 F 999 360 VERT(TL): 0.795 F 614 240 HORZ(LL): 0.317 L - - HORZ(TL): 0.657 L - - Creep Factor: 2.0 Max TC CSI: 0.589 Max BC CSI: 0.336 Max Truss CSI: 0.871 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL S - /- /- /422 /- /- R 4225 /- /- /- /1258 /- T 6289 /- /- /- /1119 /- Non-Gravity Wind reactions based on MWFRS S Brg Wid = 3.0 Min Req = 1.5 (Truss) R Brg Wid = 8.0 Min Req = 2.5 (Truss) T Brg Wid = 8.0 Min Req = 2.6 (Truss) Bearings S, R, & T are a rigid surface. Bearings R & T require a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp.
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<b>Lumber</b> Top chord: 2x4 SP #2; T4 2x6 SP 2400f-2.0E; T6 2x4 SP 2400f-2.0E; Bot chord: 2x6 SP 2400f-2.0E; B1 2x4 SP #2; B3 2x8 SP 2400f-2.0E; Webs: 2x4 SP #2; W1 2x8 SP 2400f-2.0E; W5,W7, W8 2x4 SP 2400f-2.0E; W12,W16 2x6 SP #2;	<b>Additional Notes</b> WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below. The maximum concentrated load is 6165# Top Chord overhang(s) may be field trimmed.
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<b>Nailnote</b> 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.	<b>Special Loads</b> ----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 64 plf at -1.50 to 64 plf at 49.50 BC: From 20 plf at 0.00 to 20 plf at 14.50 BC: From 24 plf at 14.50 to 24 plf at 39.00 BC: From 20 plf at 39.00 to 20 plf at 49.50 BC: 6165 lb Conc. Load at 39.43
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<b>Purlins</b> In lieu of structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 24" oc, all BC @ 24" oc.	<b>Wind</b> End verticals not exposed to wind pressure. Left cantilever is exposed to wind Wind loading based on both gable and hip roof types.
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<b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. S - R 587 -206 O - N 4623 -738 R - Q 304 -261 N - M 3231 -579 Q - P 1021 -8 M - L 1981 -354 P - O 2679 -254 L - K 0 0	<b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - S 42 -181 O - G 4065 -443 B - R 428 -543 G - N 269 -1966 R - C 616 -1977 N - H 1721 -192 C - Q 1393 -420 H - M 187 -1380 Q - D 363 -1604 M - I 2350 -410 D - P 2318 -338 I - L 233 -1144 P - E 444 -2679 L - J 2638 -471 E - O 5850 -887 J - K 584 -3164 F - O 73 -199
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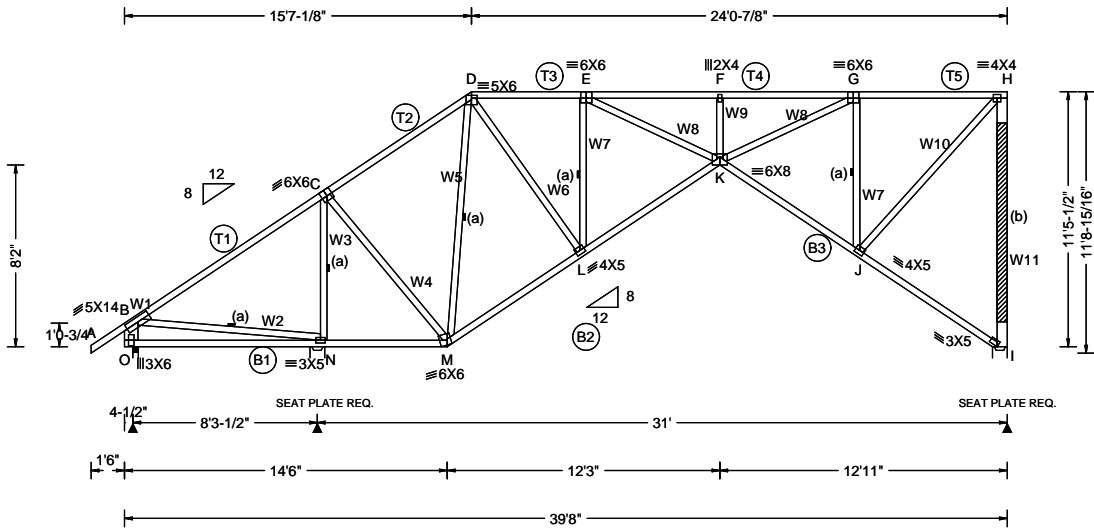
**\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!**  
**\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS**  
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<b>Truss Label:</b> <b>A5</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 2 <b>Wgt:</b> 282.8 lbs	<b>SEQN:</b> 29960 / T108 / COMN <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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: 3.97 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.138 F 999 360 VERT(TL): 0.301 F 999 240 HORZ(LL): 0.165 I - - HORZ(TL): 0.364 I - - Creep Factor: 2.0 Max TC CSI: 0.738 Max BC CSI: 0.587 Max Web CSI: 0.938 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity O 157 /-375 /- /139 /81 /289 N 2531 /- /- /1406 /291 /- I 1212 /- /- /650 /203 /- Wind reactions based on MWFRS O Brg Wid = 3.0 Min Req = 1.5 (Truss) N Brg Wid = 8.0 Min Req = 3.0 (Truss) I Brg Wid = 8.0 Min Req = 1.5 (Support) Bearings O, N, & I are a rigid surface. Bearings N & I require a seat plate.  <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 53 0 E - F 1263 -2712 B - C 1015 -564 F - G 1263 -2712 C - D 106 -407 G - H 380 -844 D - E 479 -976
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**Lumber**  
Top chord: 2x4 SP 2400f-2.0E; T2 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #2; W1 2x8 SP 2400f-2.0E;  
W11 2x6 SP #2;

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

**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.

**Additional Notes**  
Negative reaction(s) of -375# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.  
Shim all supports to solid bearing.  
Top Chord overhang(s) may be field trimmed.

**Maximum Bot Chord Forces Per Ply (lbs)**  
Chords Tens.Comp. Chords Tens. Comp.  
O - N 1143 -852 L - K 1251 -624  
N - M 154 -644 K - J 1098 -511  
M - L 451 -271 J - I 66 -99


**Maximum Web Forces Per Ply (lbs)**  
Webs Tens.Comp. Webs Tens. Comp.  
B - O 442 -209 E - K 1898 -853  
B - N 800 -1229 F - K 290 -354  
N - C 920 -2178 K - G 2039 -958  
C - M 1338 -446 G - J 813 -1386  
M - D 561 -1141 J - H 1296 -588  
D - L 1122 -476 I - H 574 -1124  
L - E 676 -1210

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

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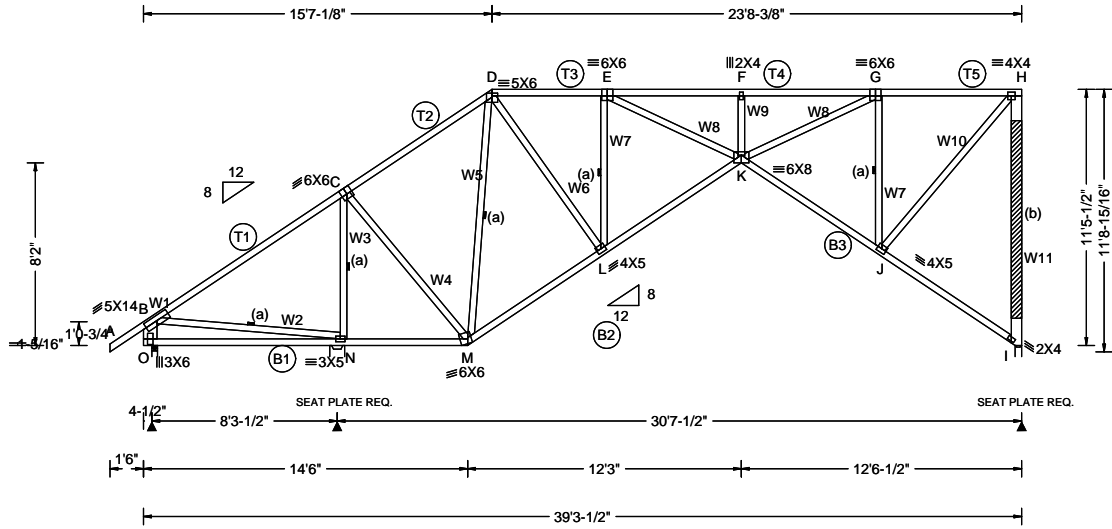
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<b>Truss Label:</b> <b>A5A</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 281.4 lbs	<b>SEQN:</b> 29966 / T52 / COMN <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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: 3.93 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.133 F 999 360 VERT(TL): 0.291 F 999 240 HORZ(LL): 0.159 I - - HORZ(TL): 0.352 I - - Creep Factor: 2.0 Max TC CSI: 0.854 Max BC CSI: 0.584 Max Web CSI: 0.870 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity O 178 /-347 /- /138 /73 /289 N 2392 /- - /- /1388 /288 /- I 1197 /- /- /648 /199 /- Wind reactions based on MWFRS O Brg Wid = 3.0 Min Req = 1.5 (Truss) N Brg Wid = 8.0 Min Req = 2.8 (Truss) I Brg Wid = 3.5 Min Req = 1.5 (Support) Bearings O, N, & I are a rigid surface. Bearings N & I require a seat plate.  <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 53 0 E - F 1232 -2640 B - C 978 -553 F - G 1232 -2640 C - D 107 -405 G - H 359 -795 D - E 473 -960
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**Lumber**  
Top chord: 2x4 SP #2; T1,T4 2x4 SP 2400f-2.0E;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #2; W1 2x8 SP 2400f-2.0E;  
W11 2x6 SP #2;

**Bracing**  
(a) Continuous lateral restraint equally spaced on member.  
(b) #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 @ 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**  
Negative reaction(s) of -347# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.  
Shim all supports to solid bearing.  
Top Chord overhang(s) may be field trimmed.


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<b>Maximum Bot Chord Forces Per Ply (lbs)</b>			
Chords	Tens.Comp.	Chords	Tens. Comp.
O - N	1144 -848	L - K	1232 -616
N - M	146 -615	K - J	1039 -485
M - L	448 -271	J - I	63 -95
<b>Maximum Web Forces Per Ply (lbs)</b>			
Webs	Tens.Comp.	Webs	Tens. Comp.
B - O	420 -202	E - K	1836 -826
B - N	789 -1203	F - K	294 -359
N - C	906 -2119	K - G	2014 -948
C - M	1289 -434	G - J	797 -1361
M - D	551 -1124	J - H	1264 -575
D - L	1101 -465	I - H	566 -1113
L - E	663 -1180		

**\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!**  
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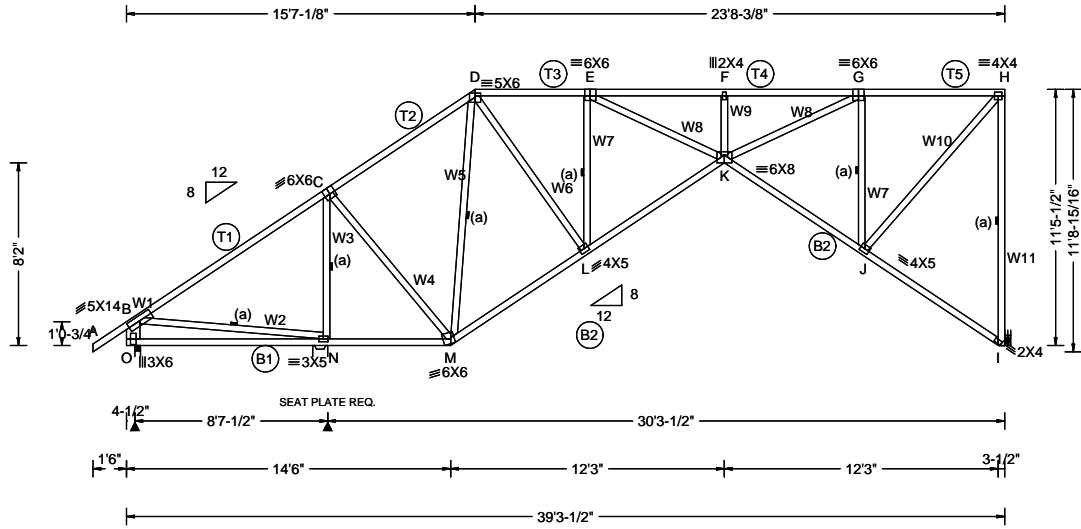
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<b>Truss Label:</b> <b>A5B</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 6 <b>Wgt:</b> 274.4 lbs	<b>SEQN:</b> 29963 / T49 / COMN <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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: 3.93 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.137 F 999 360 VERT(TL): 0.300 F 999 240 HORZ(LL): 0.164 - - - HORZ(TL): 0.361 I - - - Creep Factor: 2.0 Max TC CSI: 0.861 Max BC CSI: 0.588 Max Web CSI: 0.889 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity O 155 /-380 /- /141 /83 /289 N 2528 /- /- /1405 /294 /- I 1189 /- /- /646 /195 /- Wind reactions based on MWFRS O Brg Wid = 3.0 Min Req = 1.5 (Truss) N Brg Wid = 8.0 Min Req = 3.0 (Truss) I Brg Wid = - Min Req = - Bearings O & N are a rigid surface. Bearing N requires a seat plate.  <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 53 0 E - F 1240 -2660 B - C 1022 -568 F - G 1240 -2660 C - D 102 -398 G - H 367 -813 D - E 471 -958
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**Lumber**  
Top chord: 2x4 SP #2; T1,T4 2x4 SP 2400f-2.0E;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #2; W1 2x8 SP 2400f-2.0E;

**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**  
Negative reaction(s) of -380# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.  
Shim all supports to solid bearing.  
Top Chord overhang(s) may be field trimmed.  
Provide hanger or special connection at right end of truss for 1189 lbs.

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<b>Maximum Bot Chord Forces Per Ply (lbs)</b>			
Chords	Tens.Comp.	Chords	Tens. Comp.
O - N	1144 -854	L - K	1230 -614
N - M	157 -649	K - J	1062 -494
M - L	440 -266	J - I	65 -83
<b>Maximum Web Forces Per Ply (lbs)</b>			
Webs	Tens.Comp.	Webs	Tens. Comp.
B - O	447 -211	E - K	1861 -837
B - N	803 -1236	F - K	294 -359
N - C	919 -2175	K - G	2016 -948
C - M	1334 -445	G - J	797 -1361
M - D	557 -1133	J - H	1267 -573
D - L	1106 -469	I - H	564 -1114
L - E	667 -1191		

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

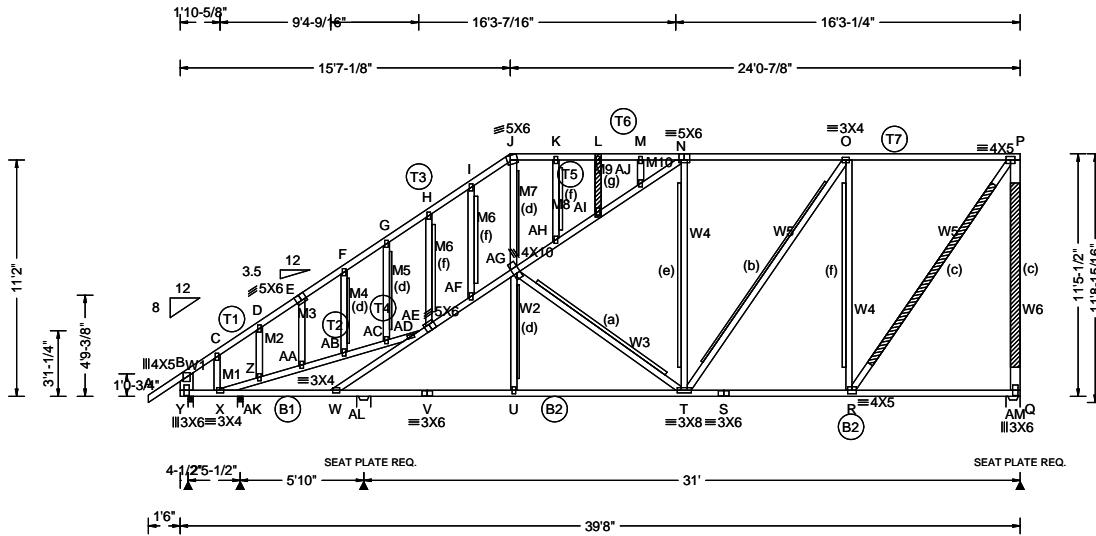
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<b>Loading Criteria (psf)</b>	<b>Wind Criteria</b>	<b>Snow Criteria (Pg,Pf in PSF)</b>	<b>Defl/CSI Criteria</b>	<b>▲ Maximum Reactions (lbs)</b>																																																						
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**EDDIE JESUS MEJIA-MEDINA**  
P.E.  
#98829


**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.  
Gable meets L/360 deflection criteria for wind load applied to face. Calculated deflection ratio is L/708.

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

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A4

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

Ply: 1  
Qty: 1  
Wgt: 354.2 lbs

SEQN: 29973 / T163 / GABL  
DESIGNER: CLG  
10/24/2025 Page 2 of 2

**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.  
Top Chord overhang(s) may be field trimmed.

**Maximum Gable Forces Per Ply (lbs)**

	Gables	Tens.Comp.	Gables	Tens. Comp.
C - X	401	-536	I -AF	53 -37
D - Z	114	-71	J -AG	130 -99
E -AA	77	-107	K -AH	73 -98
F -AB	13	-15	L -AI	52 -63
G -AC	110	-165	M -AJ	45 -20
H -AE	192	-217		

# PLATING NOTES

All plates are 2X4 except as noted.

EDDIE JESUS MEJIA-MEDINA  
P.E.  
#98829

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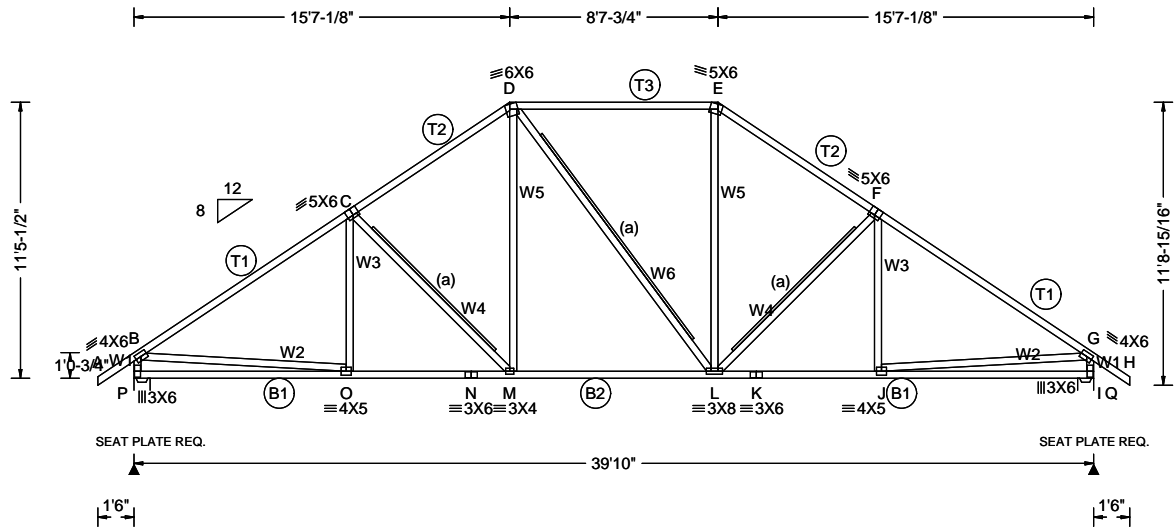
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<b>Truss Label:</b> <b>A17</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 259.0 lbs	<b>SEQN:</b> 30861 / T133 / COMN <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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: > 2h C&C Dist a: 3.98 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.077 M 999 360 VERT(TL): 0.166 M 999 240 HORZ(LL): 0.036 G - - HORZ(TL): 0.075 G - - Creep Factor: 2.0 Max TC CSI: 0.941 Max BC CSI: 0.776 Max Web CSI: 0.541 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL P 1766 /- /- /1006 /51 /309 Q 1766 /- /- /1006 /51 /- Wind reactions based on MWFRS P Brg Wid = 8.0 Min Req = 2.1 (Truss) Q Brg Wid = 8.0 Min Req = 2.1 (Truss) Bearings P & Q are a rigid surface. Bearings P & Q require a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 53 0 E - F 680 -1871 B - C 610 -2303 F - G 610 -2303 C - D 682 -1877 G - H 53 0 D - E 635 -1455
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**Lumber**  
Top chord: 2x4 SP 2400f-2.0E;  
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 structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 69" oc, all BC @ 24" oc.

**Wind**  
End verticals not exposed to wind pressure.  
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	459 -322	L - K	1798 -355
O - N	1798 -351	K - J	1798 -355
N - M	1798 -351	J - I	207 -60
M - L	1453 -208		

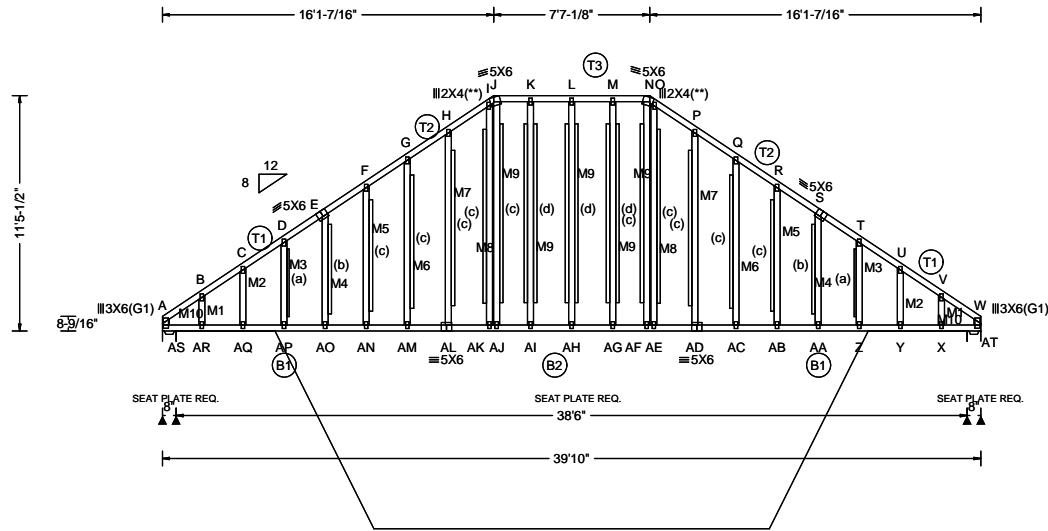
**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.	Webs	Tens. Comp.
B - P	548 -1686	L - E	560 -63
B - O	1605 -296	L - F	209 -496
O - C	238 0	F - J	240 0
C - M	209 -495	J - G	1605 -297
D - M	560 -61	G - I	547 -1686
D - L	180 -175		

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<b>Loading Criteria (psf)</b>	<b>Wind Criteria</b>	<b>Snow Criteria (Pg,Pf in PSF)</b>	<b>Defl/CSI Criteria</b>	<b>▲ Maximum Reactions (lbs), or * = PLF</b>																																																																																													
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: 16.09 ft TCCL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.98 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  <b>Bldg Code:</b> 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): 0.001 L 999 360 VERT(TL): 0.002 L 999 240 HORZ(LL): 0.001 H - - HORZ(TL): 0.013 R - - Creep Factor: 2.0 Max TC CSI: 0.082 Max BC CSI: 0.063 Max Web CSI: 0.531 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 colspan="2"></th> </tr> </thead> <tbody> <tr> <td>A</td> <td>81</td> <td>/-</td> <td>/-</td> <td>/220</td> <td>/140</td> <td>/316</td> <td colspan="2"></td> </tr> <tr> <td>AS*83</td> <td>/-</td> <td>/-</td> <td>/-</td> <td>/47</td> <td>/2</td> <td>/-</td> <td colspan="2"></td> </tr> <tr> <td>AT</td> <td>81</td> <td>/-</td> <td>/-</td> <td>/139</td> <td>/59</td> <td>/-</td> <td colspan="2"></td> </tr> </tbody> </table> <p>Wind reactions based on MWFRS          A Brg Wid = 8.0 Min Req = 1.5 (Truss)          AS Brg Wid = 462 Min Req = -          AT Brg Wid = 8.0 Min Req = 1.5 (Truss)          Bearings A, AS, &amp; AT are a rigid surface.          Bearings A, AS, &amp; AT require a seat plate.</p> <p><b>Maximum Top Chord Forces Per Ply (lbs)</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> <th>Chords</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr><td>A - B</td><td>264 -315</td><td>L - M</td><td>259 -70</td></tr> <tr><td>B - C</td><td>227 -261</td><td>M - N</td><td>259 -70</td></tr> <tr><td>C - D</td><td>204 -222</td><td>N - O</td><td>290 -83</td></tr> <tr><td>D - E</td><td>190 -192</td><td>O - P</td><td>285 -86</td></tr> <tr><td>E - F</td><td>187 -171</td><td>P - Q</td><td>220 -54</td></tr> <tr><td>F - G</td><td>182 -151</td><td>Q - R</td><td>165 -43</td></tr> <tr><td>G - H</td><td>217 -131</td><td>R - S</td><td>108 -44</td></tr> <tr><td>H - I</td><td>282 -112</td><td>S - T</td><td>61 -63</td></tr> <tr><td>I - J</td><td>290 -84</td><td>T - U</td><td>75 -93</td></tr> <tr><td>J - K</td><td>259 -70</td><td>U - V</td><td>98 -133</td></tr> <tr><td>K - L</td><td>259 -70</td><td>V - W</td><td>129 -180</td></tr> </tbody> </table>	Gravity						Non-Gravity			Loc	R+	/R-	/Rh	/Rw	/U	/RL			A	81	/-	/-	/220	/140	/316			AS*83	/-	/-	/-	/47	/2	/-			AT	81	/-	/-	/139	/59	/-			Chords	Tens.Comp.	Chords	Tens. Comp.	A - B	264 -315	L - M	259 -70	B - C	227 -261	M - N	259 -70	C - D	204 -222	N - O	290 -83	D - E	190 -192	O - P	285 -86	E - F	187 -171	P - Q	220 -54	F - G	182 -151	Q - R	165 -43	G - H	217 -131	R - S	108 -44	H - I	282 -112	S - T	61 -63	I - J	290 -84	T - U	75 -93	J - K	259 -70	U - V	98 -133	K - L	259 -70	V - W	129 -180
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**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 @ 69" oc, all BC @ 24" oc.

**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/602.

**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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 P.E.  
 #98829

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - AR	161 -116	AH-AG	150 -112
AR-AQ	156 -114	AG-AF	150 -112
AQ-AP	155 -113	AF-AE	151 -112
AP-AO	154 -113	AE-AD	151 -112
AO-AN	153 -113	AD-AC	151 -111
AN-AM	152 -113	AC-AB	150 -111
AM-AL	152 -112	AB-AA	150 -110
AL-AK	151 -112	AA-Z	150 -109
AK-AJ	151 -112	Z - Y	149 -108
AJ-AI	150 -112	Y - X	149 -106
AI-AH	150 -112	X - W	148 -103

**Maximum Gable Forces Per Ply (lbs)**

Gables	Tens.Comp.	Gables	Tens. Comp.
B - AR	127 -126	M - AG	100 -131
C - AQ	96 -125	AF - N	27 -97
D - AP	89 -128	AE - O	18 -82

**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.

E -AO	86	-125	AD- P	119	-137
F -AN	89	-128	AC- Q	88	-126
G -AM	88	-126	AB- R	89	-128
H -AL	119	-137	AA- S	86	-125
I -AK	26	-82	Z - T	89	-128
J -AJ	30	-96	Y - U	96	-125
K -AI	100	-131	X - V	127	-126
L -AH	111	-131			

## PLATING NOTES

All plates are 2X4 except as noted.

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 P.E.  
 #98829

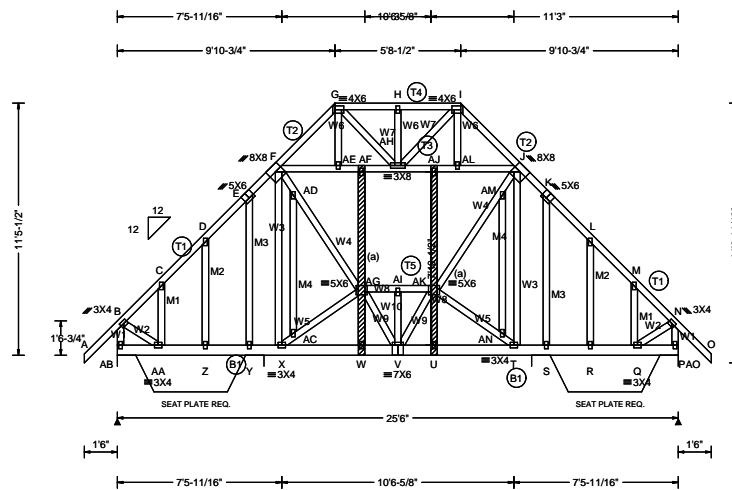
**\*\*WARNING\*\*** READ AND FOLLOW ALL NOTES ON THIS DRAWING!  
**\*\*IMPORTANT\*\*** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS  
 Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building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



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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**2 Complete Trusses Required**



<b>Loading Criteria (psf)</b>	<b>Wind Criteria</b>	<b>Snow Criteria (Pg,Pf in PSF)</b>	<b>Defl/CSI Criteria</b>	<b>▲ Maximum Reactions (lbs), or * = PLF</b>
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: 15.76 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist: 3.00 ft ft Loc. from endwall: not in 4.50 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  <b>Bldg Code:</b> 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): 0.007 AH 999 360 VERT(TL): 0.014 AH 999 240 HORZ(LL): 0.005 K - - HORZ(TL): 0.010 K - - Creep Factor: 2.0 Max TC CSI: 0.099 Max BC CSI: 0.092 Max Web CSI: 0.227 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>Gravity</b> Loc R+ / R- / Rh / Rw / U / RL AB* 184 - / - / 109 / 30 / 63 AO* 184 - / - / 109 / 30 / - Q - / -112 <b>Non-Gravity</b> Wind reactions based on MWFRS AB Brg Wid = 80.0 Min Req = - AO Brg Wid = 80.0 Min Req = - Bearings AB & S are a rigid surface. Bearings AB & S require a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp.

**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x6 SP #2;  
Webs: 2x4 SP #2; W8 2x4 SP 2400f-2.0E;

**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.

**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 @ 68" oc, all BC @ 24" oc.

**Wind**  
End verticals exposed to wind pressure. Deflection meets L/360.  
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/675.

**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.

**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.  
Top Chord overhang(s) may be field trimmed.

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	36 -15	H - I	143 -169
B - C	31 -275	I - J	123 -215
C - D	57 -271	J - K	140 -272
D - E	108 -260	K - L	109 -260
E - F	140 -272	L - M	54 -271
F - G	123 -215	M - N	29 -275
G - H	143 -169	N - O	36 -15

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
AB-AA	204 -206	V - U	197 -18
AA- Z	219 -82	U - T	197 -18
Z - Y	219 -82	T - S	174 -38
Y - X	218 -82	S - R	174 -37
X - W	208 -54	R - Q	173 -36
W - V	208 -55	Q - P	17 -10

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.	Webs	Tens. Comp.
B -AB	51 -375	V -AK	40 -35
B -AA	210 -48	AH-AJ	48 -72
F - X	15 -49	AH- I	52 -50
F -AD	64 -7	AI- V	1 -3
F -AE	48 -73	AI-AK	36 -19
X -AC	38 -43	AJ-AK	29 -19
AC-AG	38 -44	AJ-AL	48 -72
AD-AG	64 -7	AK- U	51 0
G -AE	17 -11	AK-AM	86 -30
G -AH	52 -49	AK-AN	37 -37
AE-AF	48 -73	AL- I	17 -11
AF-AG	29 -19	AL- J	48 -72
AF-AH	48 -73	AM- J	86 -29


**EDDIE JESUS MEJIA-MEDINA**  
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#98829

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Trusses require extreme care in fabricating, handling, shipping, installation and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCE) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

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

  
**SCOSTA CORPORATION**  
 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](http://www.alpineitw.com); TPI: [www.tpinet.org](http://www.tpinet.org); SBCE: [www.sbceindustry.com](http://www.sbceindustry.com); ICC: [www.iccsafe.org](http://www.iccsafe.org)

C1

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

Ply: 2  
Qty: 1  
Wgt: 646.8 lbs

SEQN: 30464 / T50 / GABL  
DESIGNER: CLG  
10/24/2025 Page 2 of 2

AG- W	51	0	AN- T	38	-38
AG- V	38	-32	T - J	15	-49
AG-AI	36	-19	Q - N	202	-33
H -AH	95	-92	N - P	45	-375

**Maximum Gable Forces Per Ply (lbs)**

Gables	Tens.Comp.	Gables	Tens. Comp.
AA- C	47 -77	AM-AN	0 -1
D - Z	70 -63	S - K	41 -88
E - Y	40 -86	R - L	71 -65
AC-AD	0 -1	M - Q	47 -77

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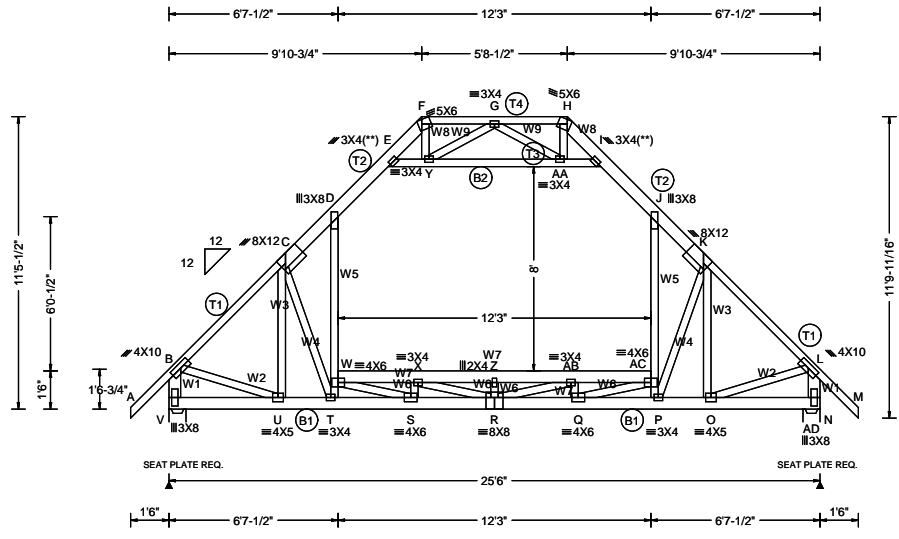
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SEBRING, FL 33870  
(863)385-8242

<b>Truss Label:</b> <b>C2</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 7 <b>Wgt:</b> 278.6 lbs	<b>SEQN:</b> 29941 / T151 / ATIC <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.00 Spacing: 24.0 "	<b>Wind Criteria</b> 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: 3.00 ft ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.192 Q 999 480 VERT(TL): 0.314 Z 975 360 HORZ(LL): 0.183 D - - HORZ(TL): 0.264 D - - Creep Factor: 2.0 Max TC CSI: 0.514 Max BC CSI: 0.710 Max Web CSI: 0.554 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity V 2126 /- /- /672 /201 /323 AD 2126 /- /- /672 /201 /- Wind reactions based on MWFRS V Brg Wid = 8.0 Min Req = 2.5 (Truss) AD Brg Wid = 8.0 Min Req = 2.5 (Truss) Bearings V & AD are a rigid surface. Bearings V & AD require a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 72 0 G - H 273 -71 B - C 353 -2166 H - I 274 -276 C - D 499 -2396 I - J 450 -1394 D - E 450 -1394 J - K 500 -2396 E - F 274 -276 K - L 353 -2166 F - G 273 -71 L - M 72 0
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**Lumber**  
Top chord: 2x4 SP #2; T2,T3 2x6 SP 2400f-2.0E;  
Bot chord: 2x6 SP #2; B2 2x4 SP #2;  
Webs: 2x4 SP #2; W1 2x6 SP #2;

**Loading**  
Attic room loading from 6-7-8 to 18-10-8: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

**Purlins**  
In lieu of structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 68" oc, all BC @ 24" oc.  
Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

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


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

<b>Maximum Bot Chord Forces Per Ply (lbs)</b>			
Chords	Tens.Comp.	Chords	Tens. Comp.
V - U	377 -334	R - Q	3047 0
U - T	1487 -142	Q - P	1372 -52
T - S	1372 -135	P - O	1487 -104
S - R	3047 -72	O - N	79 -26
<b>Maximum Web Forces Per Ply (lbs)</b>			
Webs	Tens.Comp.	Webs	Tens. Comp.
B - V	380 -2068	G -AA	198 -279
B - U	1451 -81	R -AB	732 -158
U - C	190 -424	Z - R	4 -304
C - T	353 -563	Z -AB	0 -2237
D - W	1312 -118	AA- H	411 -137
T - W	643 -160	AA- I	312 -1585
W - S	1692 0	AB- Q	106 -480
W - X	80 -1724	AB-AC	102 -1724
E - Y	312 -1585	Q -AC	1692 0
S - X	105 -480	AC- P	643 -160
X - R	732 -143	AC- J	1312 -118
X - Z	0 -2237	P - K	354 -564
F - Y	411 -137	K - O	194 -424
Y - G	198 -279	O - L	1451 -81
Y -AA	225 -1314	L - N	380 -2068

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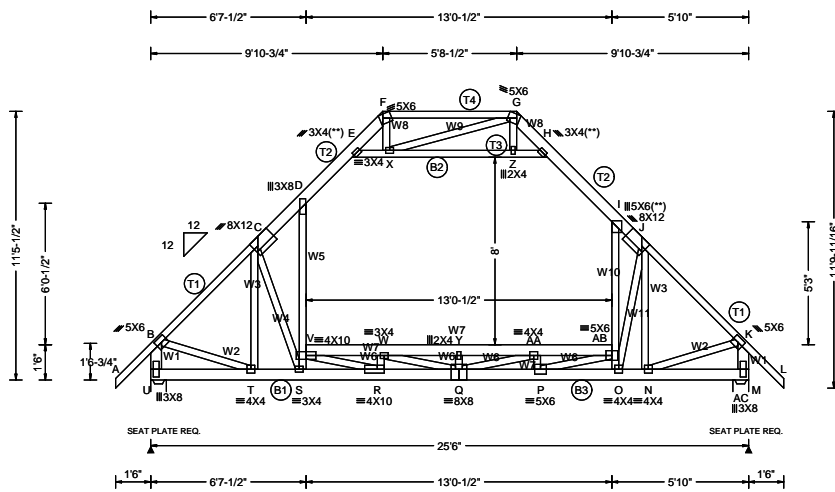
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**SCOSTA CORPORATION**  
 WOOD, FLOOR OR TIMBER  
 ROOF OR FLOOR TRUSSES  
 3670 COMMERCE CENTER DRIVE  
 SEBRING, FL 33870  
 (863)385-8242

For more information see this job's general notes page and these web sites: ALPINE: [www.alpineitw.com](http://www.alpineitw.com); TPI: [www.tpinst.org](http://www.tpinst.org); SBCA: [www.sbcaindstry.com](http://www.sbcaindstry.com); ICC: [www.iccsafe.org](http://www.iccsafe.org)

<b>Truss Label:</b> <b>C6</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 2 <b>Qty:</b> 1 <b>Wgt:</b> 565.6 lbs	<b>SEQN:</b> 29931 / T34 / SPEC <b>DESIGNER:</b> CLG 10/24/2025
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**2 Complete Trusses Required**



<b>Loading Criteria (psf)</b> TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 0.00 Load Duration: 1.00 Spacing: 24.0 "	<b>Wind Criteria</b> 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: 3.00 ft ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by Mfg FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.207 Y 999 480 VERT(TL): 0.383 Y 798 360 HORZ(LL): 0.118 D - - HORZ(TL): 0.226 D - - Creep Factor: 2.0 Max TC CSI: 0.860 Max BC CSI: 0.970 Max Web CSI: 0.635 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL U 2996 - / - / - / - / 491 - / - AC 2983 - / - / - / - / 457 - / - Non-Gravity Wind reactions based on MWFRS U Brg Wid = 8.0 Min Req = 1.8 (Truss) AC Brg Wid = 8.0 Min Req = 1.5 (Truss) Bearings U & AC are a rigid surface. Bearings U & AC require a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 36 -13 G - H 71 -144 B - C 254 -1567 H - I 179 -973 C - D 286 -1836 I - J 292 -2097 D - E 162 -886 J - K 236 -1554 E - F 70 -132 K - L 36 -13 F - G 226 0
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**Lumber**  
Top chord: 2x4 SP #2; T2 2x6 SP 2400f-2.0E;  
T3 2x6 SP #2; T4 2x4 SP 2400f-2.0E;  
Bot chord: 2x6 SP #2; B2 2x4 SP #2;  
B3 2x6 SP 2400f-2.0E;  
Webs: 2x4 SP #2; W1 2x6 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.

**Loading**  
Attic room loading from 6-7-8 to 19-8-0: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

**Purlins**  
In lieu of structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 68" oc, all BC @ 24" oc.  
Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

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

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

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**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
U - T	46 -6	Q - P	2949 -372
T - S	1094 -170	P - O	975 -142
S - R	1007 -161	O - N	1086 -158
R - Q	3262 -515	N - M	55 -6

**Maximum Web Forces Per Ply (lbs)**

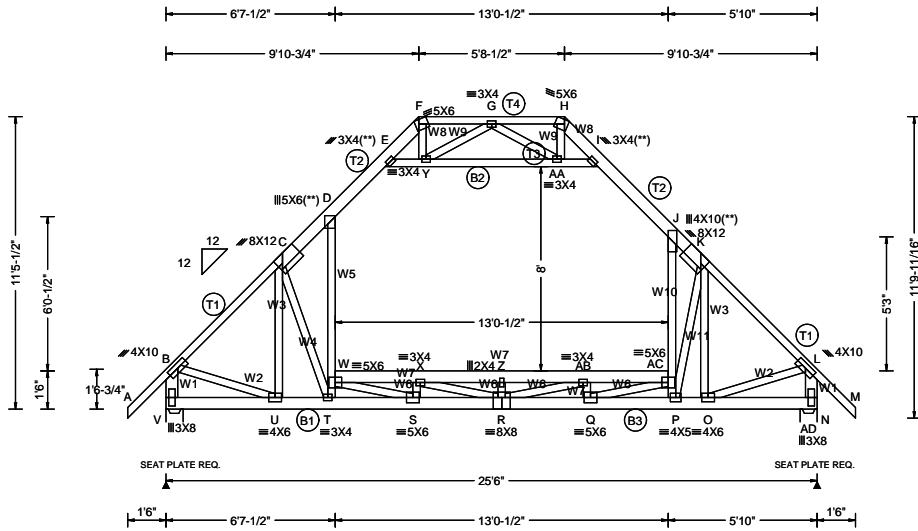
Webs	Tens.Comp.	Webs	Tens. Comp.
B - U	255 -1463	Q - AA	1087 -228
B - T	1075 -166	Y - Q	2 -146
T - C	68 -312	Y - AA	433 -2985
C - S	49 -344	Z - G	215 -21
D - V	1296 -155	Z - H	170 -1371
S - V	524 -38	AA - P	65 -432
V - R	2249 -365	AA - AB	200 -1852
V - W	363 -2211	P - AB	1914 -218
E - X	148 -1251	AB - O	944 -88
R - W	0 -264	AB - I	1597 -154
F - X	137 -7	O - J	33 -585
W - Q	756 -77	J - N	109 -467
W - Y	433 -2985	N - K	1050 -151
X - Z	167 -1339	K - M	239 -1454
X - G	147 -46		

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

<b>Truss Label:</b> <b>C5</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 2 <b>Wgt:</b> 282.8 lbs	<b>SEQN:</b> 29938 / T2 / SPEC <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.00 Spacing: 24.0 "	<b>Wind Criteria</b> 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: 3.00 ft ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.233 S 999 480 VERT(TL): 0.390 Z 785 360 HORIZ(LL): 0.214 D - - HORIZ(TL): 0.312 D - - Creep Factor: 2.0 Max TC CSI: 0.662 Max BC CSI: 0.775 Max Web CSI: 0.819 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity V 2145 - / - / - / 672 / 201 / 323 AD 2201 - / - / - / 672 / 201 / - Wind reactions based on MWFRS V Brg Wid = 8.0 Min Req = 2.5 (Truss) AD Brg Wid = 8.0 Min Req = 2.6 (Truss) Bearings V & AD are a rigid surface. Bearings V & AD require a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 72 0 G - H 402 -41 B - C 353 -2187 H - I 269 -212 C - D 502 -2444 I - J 453 -1482 D - E 452 -1372 J - K 540 -2819 E - F 269 -239 K - L 349 -2240 F - G 303 -80 L - M 72 0
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**Lumber**  
Top chord: 2x6 SP 2400f-2.0E; T1 2x4 SP #2;  
T4 2x4 SP 2400f-2.0E;  
Bot chord: 2x6 SP #2; B2 2x4 SP #2;  
Webs: 2x4 SP #2; W1 2x6 SP #2;

**Loading**  
Attic room loading from 6-7-8 to 19-8-0: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

**Purlins**  
In lieu of structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 68" oc, all BC @ 24" oc.  
Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

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

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

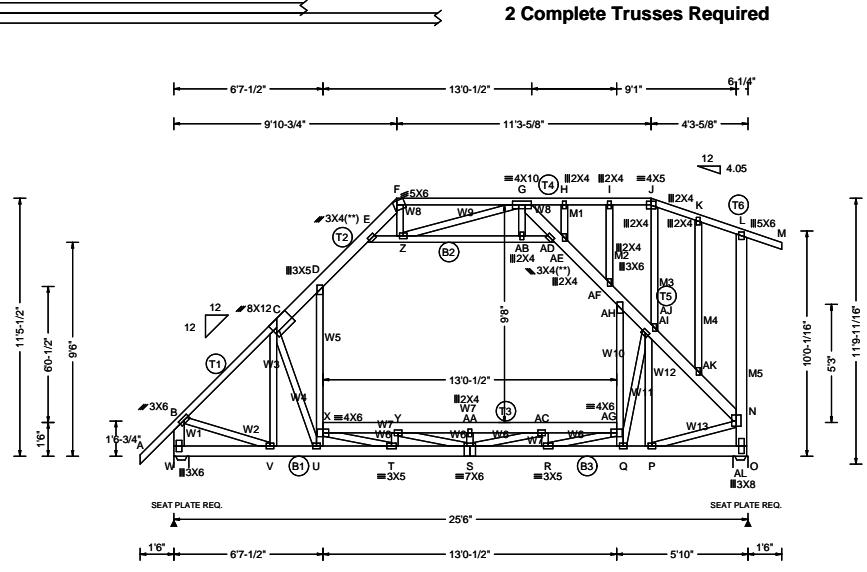
<b>Maximum Bot Chord Forces Per Ply (lbs)</b>			
Chords	Tens.Comp.	Chords	Tens. Comp.
V - U	377 -334	R - Q	3334 0
U - T	1503 -143	Q - P	1410 -69
T - S	1379 -136	P - O	1534 -98
S - R	3278 -41	O - N	93 -28

<b>Maximum Web Forces Per Ply (lbs)</b>			
Webs	Tens.Comp.	Webs	Tens. Comp.
B - V	380 -2087	G -AA	200 -354
B - U	1467 -80	R -AB	792 -168
U - C	194 -435	Z - R	5 -324
C - T	352 -584	Z -AB	0 -2564
D - W	1412 -119	AA- H	468 -141
T - W	695 -166	AA- I	330 -1741
W - S	1903 0	AB- Q	112 -493
W - X	47 -1941	AB-AC	125 -2012
E - Y	326 -1611	Q -AC	1935 0
S - X	102 -509	AC- P	1140 -233
F - Y	384 -140	AC- J	1867 -194
X - R	832 -153	P - K	460 -1107
X - Z	0 -2564	K - O	255 -502
Y - G	200 -226	O - L	1485 -74
Y -AA	239 -1391	L - N	376 -2136

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#98829

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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:	1.00
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  
 TCCL: 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: Yes  
 FT/RT:20(0)/10(0)  
 Plate Type(s):  
 WAVE

**Defl/CSI Criteria**

PP Deflection in loc L/defl L/#  
 VERT(LL): 0.132 T 999 480  
 VERT(TL): 0.234 T 999 360  
 HORZ(LL): 0.122 D - -  
 HORZ(TL): 0.221 D - -  
 Creep Factor: 2.0  
 Max TC CSI: 0.625  
 Max BC CSI: 0.387  
 Max Web CSI: 0.384  
 Mfg Specified Camber:  
 VIEW Ver: 24.02.01D.0602.19

**Maximum Reactions (lbs)**

Loc	Gravity			Non-Gravity		
	R+	/R-	/Rh	/Rw	/U	/RL
W 2030	-	-	-	/697	/62	/268
AL 1998	-	-	-	/589	/219	-

Wind reactions based on MWFRS  
 W Brg Wid = 8.0 Min Req = 1.5 (Truss)  
 AL Brg Wid = 8.0 Min Req = 1.5 (Truss)  
 Bearings W & O are a rigid surface.  
 Bearings W & O require a seat plate.

**Maximum Top Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	36 0	G - H	50 -19
B - C	179 -1030	H - I	51 -41
C - D	245 -1130	I - J	54 -35
D - E	232 -612	J - K	49 -44
E - F	164 -89	K - L	45 -72
F - G	164 -2	L - M	17 0

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
W - V	127 -191	S - R	1517 -105
V - U	703 -224	R - Q	584 -186
U - T	659 -201	Q - P	650 -192
T - S	1654 -122	P - O	15 -113

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.	Webs	Tens. Comp.
B - W	200 -987	G - AB	89 -7
B - V	689 -47	G - AD	215 -46
V - C	64 -132	AB-AD	56 -740
C - U	123 -329	AC- R	25 -284
D - X	675 -37	AC-AG	0 -913
U - X	302 -59	R - AG	928 0
X - T	1003 0	AD-AE	249 -494
X - Y	0 -1055	AE-AF	263 -644
E - Z	117 -712	AF-AH	303 -560
T - Y	41 -218	AG- Q	430 0
F - Z	72 -37	AG-AH	770 0
Y - S	304 -50	Q - AI	37 -258
Y - AA	0 -1266	AH-AI	276 -1099
Z - G	106 -49	AI-AJ	217 -764
Z - AB	56 -735	AI- P	84 -352
S - AC	449 -33	AJ-AK	250 -849
AA - S	4 -150	P - N	768 -194

**Lumber**  
 Top chord: 2x4 SP #2; T2,T3,T5 2x6 SP #2;  
 Bot chord: 2x6 SP #2; B2 2x4 SP #2;  
 Webs: 2x4 SP #2; W1 2x6 SP #2;  
 M5 2x6 SP 2400f-2.0E;

**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.

**Plating Notes**  
 All plates are 3X4 except as noted.

**Loading**  
 Attic room loading from 6-7-8 to 19-8-0: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

**Purlins**  
 In lieu of structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 72" oc, all BC @ 24" oc.  
 Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

**Wind**  
 End verticals not exposed to wind pressure.  
 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/411.

**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.  
 Top Chord overhang(s) may be field trimmed.

**EDDIE JESUS MEJIA-MEDINA**  
 P.E.  
 #98829

**PLATING NOTES**

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 (863)385-8242

C4

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

Ply: 2  
Qty: 1  
Wgt: 688.8 lbs

SEQN: 29948 / T16 / GABL  
DESIGNER: CLG  
10/24/2025 Page 2 of 2

AA-AC 0 - 1266 AK-N 261 - 841

Maximum Gable Forces Per Ply (lbs)					
Gables	Tens.Comp.		Gables	Tens. Comp.	
AE- H	22	-241	AK- K	30	-9
AF- I	147	0	N - L	124	-180
AJ- J	57	-128	N - O	334	-973

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#98829

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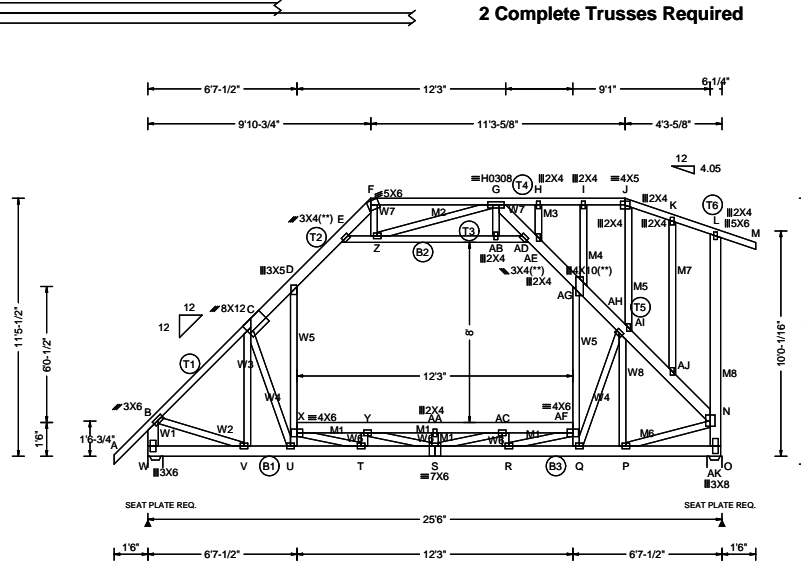
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<b>Loading Criteria (psf)</b>	<b>Wind Criteria</b>	<b>Snow Criteria (Pg,Pf in PSF)</b>	<b>Defl/CSI Criteria</b>	<b>▲ Maximum Reactions (lbs)</b>
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 0.00 Load Duration: 1.00 Spacing: 24.0 "	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: 3.00 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	PP Deflection in loc L/defl L/# VERT(LL): 0.108 T 999 480 VERT(TL): 0.184 Y 999 360 HORZ(LL): 0.102 D - - HORZ(TL): 0.163 D - - Creep Factor: 2.0 Max TC CSI: 0.559 Max BC CSI: 0.363 Max Web CSI: 0.316 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	Gravity Loc R+ / R- / Rh / Rw / U / RL W 2089 - / - / - / 697 / 62 / 268 AK 2065 - / - / - / 589 / 219 / - Non-Gravity Wind reactions based on MWFRS W Brg Wid = 8.0 Min Req = 1.5 (Truss) AK Brg Wid = 8.0 Min Req = 1.5 (Truss) Bearings W & O are a rigid surface. Bearings W & O require a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 36 0 G - H 50 -15 B - C 179 -1063 H - I 51 -33 C - D 245 -1164 I - J 54 -27 D - E 231 -675 J - K 49 -32 E - F 163 -135 K - L 46 -59 F - G 134 -2 L - M 17 0
<b>Lumber</b>		<b>Wind</b>		<b>Maximum Bot Chord Forces Per Ply (lbs)</b>
Top chord: 2x4 SP #2; T2,T3,T5 2x6 SP #2; Bot chord: 2x6 SP #2; B2 2x4 SP #2; Webs: 2x4 SP #2; W1 2x6 SP #2; M8 2x6 SP 2400f-2.0E;		End verticals not exposed to wind pressure. 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/411.		Chords Tens.Comp. Chords Tens. Comp. W - V 127 -191 S - R 1478 -108 V - U 728 -224 R - Q 645 -184 U - T 680 -201 Q - P 699 -191 T - S 1547 -134 P - O 19 -80
<b>Nailnote</b>		<b>Additional Notes</b>		<b>Maximum Web Forces Per Ply (lbs)</b>
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.		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. Top Chord overhang(s) may be field trimmed.		Webs Tens.Comp. Webs Tens. Comp. B - W 201 -1016 G -AD 213 -151 B - V 712 -47 AB-AD 57 -671 V - C 64 -172 AC- R 28 -255 C - U 126 -270 AC-AF 6 -833 D - X 638 -39 AD-AE 248 -562 U - X 297 -58 AE-AG 263 -705 X - Y 0 -901 AF-Q 288 0 E - Z 114 -745 AF-AG 612 0 T - Y 42 -224 Q -AH 36 -177 Y -AA 0 -1114 AG-AH 281 -1041 F - Z 151 -35 AH-AI 216 -799 Z -AB 57 -664 AH- P 89 -277 AA- S 4 -142 AI-AJ 249 -916 AA-AC 0 -1114 AJ- N 260 -912 G -AB 126 -7
<b>Plating Notes</b>				<b>Maximum Gable Forces Per Ply (lbs)</b>
All plates are 3X4 except as noted.				
<b>Loading</b>				
Attic room loading from 6-7-8 to 18-10-8: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF				
<b>Purlins</b>				
In lieu of structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 72" oc, all BC @ 24" oc. Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.				

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**PLATING NOTES**

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For more information see this job's general notes page and these web sites: ALPINE: [www.alpineitw.com](http://www.alpineitw.com); TPI: [www.tpinst.org](http://www.tpinst.org); SBCA: [www.sbcaindust.com](http://www.sbcaindust.com); ICC: [www.iccsafe.org](http://www.iccsafe.org)

C3

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

Ply: 2  
Qty: 1  
Wgt: 680.4 lbs

SEQN: 29951 / T1 / GABL  
DESIGNER: CLG  
10/24/2025 Page 2 of 2

	Gables	Tens.Comp.	Gables	Tens. Comp.
X - T	873	0	AG- I	161 0
Y - S	309	- 51	AI- J	55 - 173
Z - G	83	- 97	P - N	787 - 194
S -AC	376	- 37	AJ- K	27 - 9
R -AF	837	0	N - L	125 - 162
AE- H	24	- 194	N - O	334 - 1004

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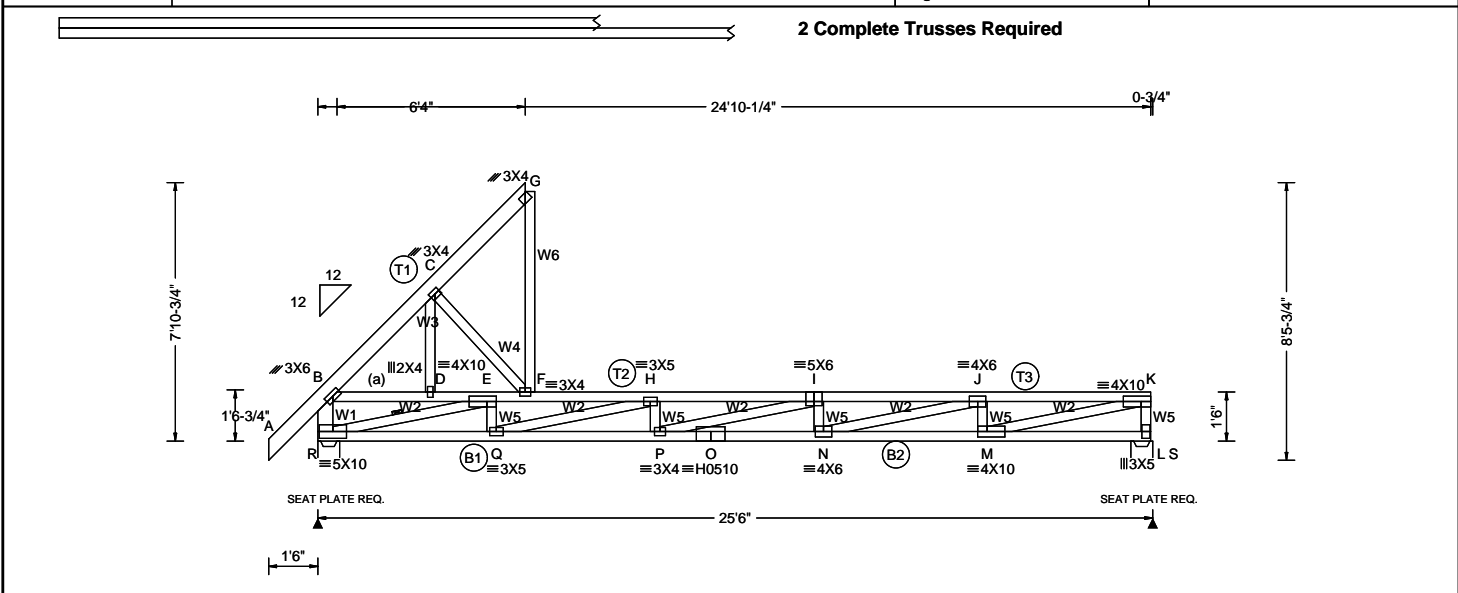
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<b>Truss Label:</b> <b>C7</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 2 <b>Qty:</b> 4 <b>Wgt:</b> 336.0 lbs	<b>SEQN:</b> 30719 / T162 / COMN <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> TCCL: 40.00 TCCL: 10.00 BCLL: 0.00 BCDL: 5.00 Des Ld: 55.00 NCBCLL: 0.00 Soffit: 0.00 Load Duration: 1.00 Spacing: 24.0 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCCL: 6.0 psf BCDL: 3.0 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by FT/RT:20(0)/10(0) Plate Type(s): WAVE, HS	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.573 P 532 480 VERT(TL): 0.833 P 366 360 HORZ(LL): 0.563 G - - HORZ(TL): 0.813 G - - Creep Factor: 2.0 Max TC CSI: 0.570 Max BC CSI: 0.650 Max AB CSI: 0.833 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>R</td> <td>2252</td> <td>-</td> <td>-</td> <td>/540</td> <td>/280</td> <td>/191</td> </tr> <tr> <td>S</td> <td>1698</td> <td>-</td> <td>-</td> <td>/434</td> <td>/238</td> <td>-</td> </tr> </tbody> </table> Wind reactions based on MWFRS R Brg Wid = 8.0 Min Req = 1.5 (Truss) S Brg Wid = 8.0 Min Req = 1.5 (Truss) Bearings R & L are a rigid surface. Bearings R & L require a seat plate.	Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	R	2252	-	-	/540	/280	/191	S	1698	-	-	/434	/238	-														
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**Lumber**  
 Top chord: 2x4 SP 2400f-2.0E; T1 2x6 SP #2;  
 Bot chord: 2x4 SP 2400f-2.0E;  
 Webs: 2x4 SP #2; W1 2x6 SP #2;

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

**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.

**Special Loads**  
 -----(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)  
 TC: From 108 plf at -1.50 to 108 plf at 25.44  
 BC: From 10 plf at 0.00 to 10 plf at 25.44  
 TC: 779 lb Conc. Load at 6.48

**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**  
 Top Chord overhang(s) may be field trimmed.


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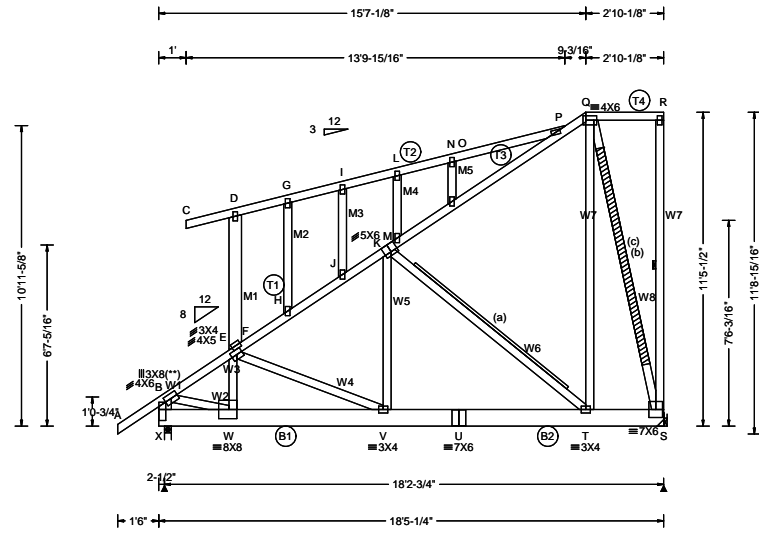
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B - X	196	-1559	K - T	174	-718	B - W	1789	-140	Q - T	553	-38	W - E	1576	-160	Q - S	154	-717	E - V	138	-1292	R - S	37	-86	V - K	680	0				Maximum Gable Forces Per Ply (lbs)				Gables	Tens.Comp.	Gables	Tens. Comp.	D - F	111	-238	L - M	121	-279	G - H	14	-27	N - O	18	-56	I - J	48	-118			
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**Lumber**  
 Top chord: 2x4 SP #2;  
 Bot chord: 2x8 SP 2400f-2.0E;  
 Webs: 2x4 SP #2; W1 2x6 SP #2; W4, M2 2x4 SP 2400f-2.0E; M1 2x6 SP 2400f-2.0E;

**Bracing**  
 (c) Continuous lateral restraint equally spaced on member.  
 (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.  
 (b) #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.

**Special Loads**  
 -----(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)  
 TC: From 64 plf at -1.50 to 64 plf at 8.32  
 TC: From 61 plf at 8.32 to 61 plf at 14.83  
 TC: From 64 plf at 14.83 to 64 plf at 15.59  
 TC: From 61 plf at 15.59 to 61 plf at 18.44  
 BC: From 20 plf at 0.00 to 20 plf at 18.44  
 BC: 461 lb Conc. Load at 2.56  
 BC: 50 lb Conc. Load at 17.92

**Wind**  
 Left end vertical exposed to wind pressure. Deflection meets L/360.  
 Right end vertical not exposed to wind pressure.  
 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/390.

**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 @ 34" oc, all BC @ 24" oc.

**EDDIE JESUS MEJIA-MEDINA**  
 P.E.  
 #98829

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

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

**B3A**

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

Ply: 1  
Qty: 1  
Wgt: 233.8 lbs

SEQN: 30367 / T48 / GABL  
DESIGNER: CLG  
10/24/2025 Page 2 of 2

**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.

Top Chord overhang(s) may be field trimmed.

Provide hanger or special connection at right end of truss for 861 lbs.

**PLATING NOTES**

All plates are 2X4 except as noted.

EDDIE JESUS MEJIA-MEDINA  
P.E.  
#98829

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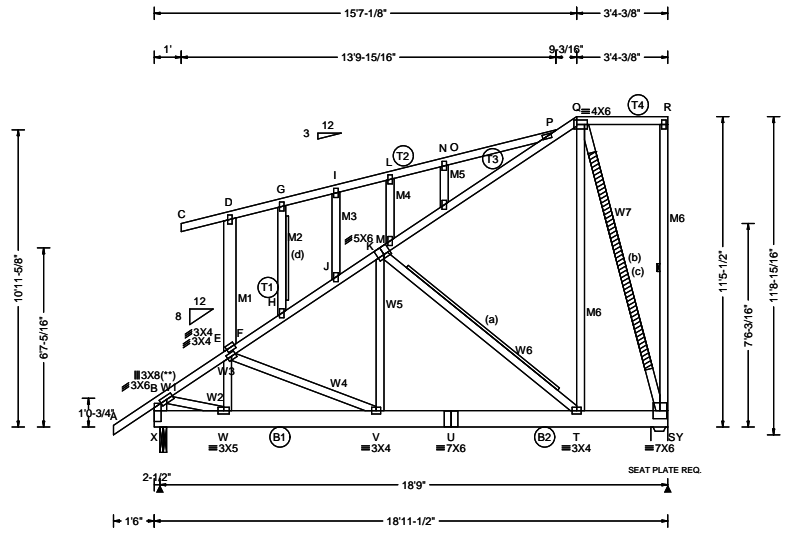
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<b>Loading Criteria (psf)</b>	<b>Wind Criteria</b>	<b>Snow Criteria (Pg,Pf in PSF)</b>	<b>Defl/CSI Criteria</b>	<b>▲ Maximum Reactions (lbs)</b>
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.76 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	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> 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): 0.104 N 999 360 VERT(TL): 0.168 N 999 240 HORZ(LL): 0.058 O - - HORZ(TL): 0.089 O - - Creep Factor: 2.0 Max TC CSI: 0.440 Max BC CSI: 0.092 Max Web CSI: 0.783 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	Gravity Loc R+ / R- / Rh / Rw / U / RL X 1288 - / - / - / - /246 - / - Y 878 - / - / - / - /158 - / - Non-Gravity Wind reactions based on MWFRS X Brg Wid = 3.0 Min Req = 1.5 (Truss) Y Brg Wid = 7.5 Min Req = 1.5 (Truss) Bearings X & Y are a rigid surface. Bearing Y requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 53 -20 J - K 145 -861 B - E 251 -1440 K - M 130 -461 C - D 27 -10 L - N 9 -25 D - G 9 -32 M - O 71 -317 F - H 175 -936 N - P 50 -23 G - I 26 -12 O - P 58 -290 H - J 170 -923 P - Q 16 -195 I - L 32 -14 Q - R 1 -2

**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x8 SP 2400f-2.0E;  
Webs: 2x4 SP #2; W1 2x6 SP #2;  
M1 2x6 SP 2400f-2.0E;

**Bracing**  
(c) Continuous lateral restraint equally spaced on member.  
(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.  
(b) #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.

**Special Loads**  
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)  
TC: From 64 plf at -1.50 to 64 plf at 8.32  
TC: From 61 plf at 8.32 to 61 plf at 14.83  
TC: From 64 plf at 14.83 to 64 plf at 15.59  
TC: From 61 plf at 15.59 to 61 plf at 18.96  
BC: From 20 plf at 0.00 to 20 plf at 18.96  
BC: 461 lb Conc. Load at 2.56  
BC: 50 lb Conc. Load at 17.92

**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 @ 40" 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.  
Gable meets L/360 deflection criteria for wind load applied to face. Calculated deflection ratio is L/494.

**Gable Reinforcement**  
(d) 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.

**Maximum Bot Chord Forces Per Ply (lbs)**  
Chords Tens.Comp. Chords Tens. Comp.  
X - W 53 0 U - T 759 -143  
W - V 1157 -198 T - S 215 -36  
V - U 759 -143

**Maximum Web Forces Per Ply (lbs)**  
Webs Tens.Comp. Webs Tens. Comp.  
B - X 241 -1198 V - K 358 0  
B - W 1155 -204 K - T 142 -722  
W - E 181 -32 Q - S 121 -731  
E - V 61 -422

**Maximum Gable Forces Per Ply (lbs)**  
Gables Tens.Comp. Gables Tens. Comp.  
D - F 87 -238 N - O 25 -55  
G - H 9 -24 Q - T 568 -24  
I - J 46 -118 R - S 45 -104  
L - M 116 -279

**EDDIE JESUS MEJIA-MEDINA**  
P.E.  
#98829

**B3**

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

Ply: 1  
Qty: 1  
Wgt: 235.2 lbs

SEQN: 30372 / T40 / GABL  
DESIGNER: CLG  
10/24/2025 Page 2 of 2

**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.  
Top Chord overhang(s) may be field trimmed.

**PLATING NOTES**

All plates are 2X4 except as noted.

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#98829

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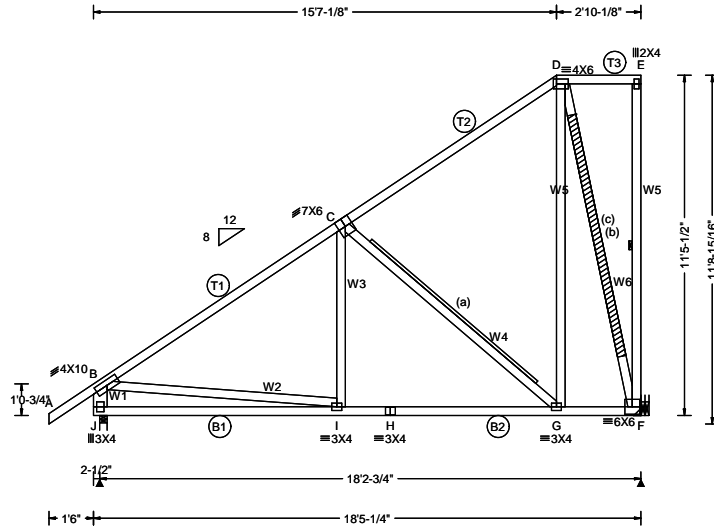
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<b>Truss Label:</b> <b>B2A</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 147.7 lbs	<b>SEQN:</b> 30358 / T54 / HIPM <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by Mfg FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.024   999 360 VERT(TL): 0.047   999 240 HORZ(LL): 0.007 C - - HORZ(TL): 0.017 C - - Creep Factor: 2.0 Max TC CSI: 0.995 Max BC CSI: 0.573 Max Web CSI: 0.775 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity J 925 /- /- /498 /140 /289 F 877 /- /- /552 /161 /- Wind reactions based on MWFRS J Brg Wid = 3.0 Min Req = 1.5 (Truss) F Brg Wid = - Min Req = - Bearing J is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 53 -18 C - D 76 -390 B - C 147 -995 D - E 1 -1
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<b>Lumber</b> Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #2; W1 2x6 SP #2;	<b>Additional Notes</b> Top Chord overhang(s) may be field trimmed. Provide hanger or special connection at right end of truss for 877 lbs.	<b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. J - I 408 -504 H - G 705 -283 I - H 705 -283 G - F 192 -76
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<b>Bracing</b> (c) Continuous lateral restraint equally spaced on member. (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. (b) #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.	<b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - J 177 -858 D - G 615 -112 B - I 425 -46 D - F 308 -775 I - C 323 0 E - F 110 -91 C - G 278 -685
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<b>Special Loads</b> ----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 64 plf at -1.50 to 64 plf at 18.96 BC: From 20 plf at 0.00 to 20 plf at 18.96 PLB: From 40 plf at 8.48 to 40 plf at 11.27 BC: 50 lb Conc. Load at 17.92
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**Purlins**  
In lieu of structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 34" 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.

**EDDIE JESUS MEJIA-MEDINA**  
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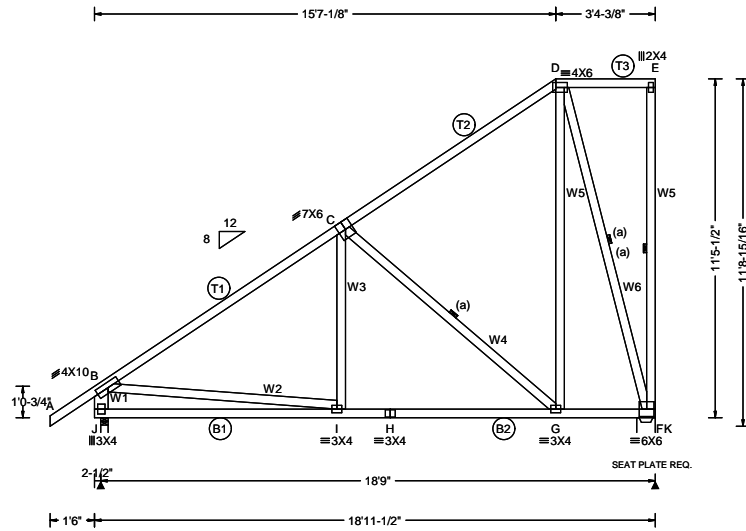
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For more information see this job's general notes page and these web sites: ALPINE: [www.alpineitw.com](http://www.alpineitw.com); TPI: [www.tpinst.org](http://www.tpinst.org); SBCEA: [www.sbceaindstry.com](http://www.sbceaindstry.com); ICC: [www.iccsafe.org](http://www.iccsafe.org)

<b>Truss Label:</b> <b>B2</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 2 <b>Wgt:</b> 149.1 lbs	<b>SEQN:</b> 30401 / T100 / HIPM <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by Mfg FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.025   999 360 VERT(TL): 0.049   999 240 HORZ(LL): 0.008 C - - HORZ(TL): 0.017 C - - Creep Factor: 2.0 Max TC CSI: 0.968 Max BC CSI: 0.576 Max Web CSI: 0.479 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL J 950 /- /- /513 /141 /289 K 896 /- /- /558 /165 /- Wind reactions based on MWFRS J Brg Wid = 3.0 Min Req = 1.5 (Truss) K Brg Wid = 7.5 Min Req = 1.5 (Truss) Bearings J & K are a rigid surface. Bearing K requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 53 -18 C - D 78 -432 B - C 150 -1036 D - E 1 -1
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**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #2; W1 2x6 SP #2;

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

**Special Loads**  
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)  
TC: From 64 plf at -1.50 to 64 plf at 18.96  
BC: From 20 plf at 0.00 to 20 plf at 18.96  
PLB: From 40 plf at 8.48 to 40 plf at 11.27  
BC: 50 lb Conc. Load at 17.92

**Purlins**  
In lieu of structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 40" 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.

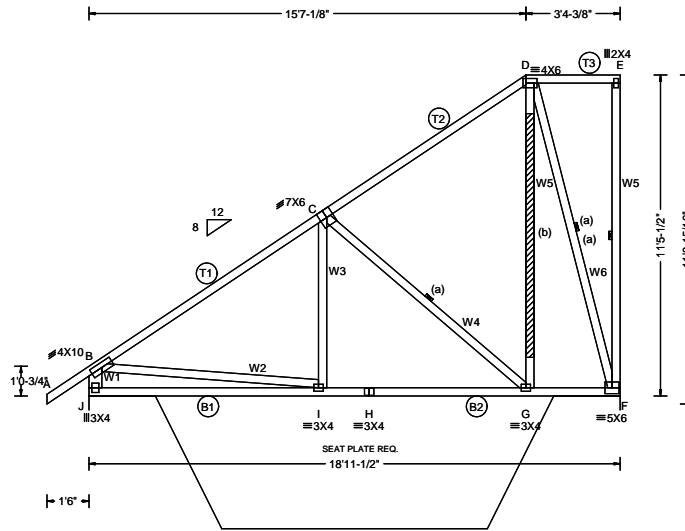
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P.E.  
#98829

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<b>Truss Label:</b> <b>B1</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 149.1 lbs	<b>SEQN:</b> 30394 / T135 / HIPM <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> TCLL: 20.00 TCDL: 10.00 BCDL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	<b>Wind Criteria</b> 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: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.003 C 999 360 VERT(TL): 0.004 C 999 240 HORZ(LL): -0.002 J - - HORZ(TL): 0.005 C - - Creep Factor: 2.0 Max TC CSI: 0.873 Max BC CSI: 0.519 Max Web CSI: 0.283 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * =PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL J* 89 /- /- /57 /7 /15 Wind reactions based on MWFRS J Brg Wid = 227 Min Req = - Bearing J is a rigid surface. Bearing J requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 53 0 C - D 59 -198 B - C 16 -310 D - E 1 -1
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**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #2; W1 2x6 SP #2;

**Bracing**  
(a) Continuous lateral restraint equally spaced on member.  
(b) #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 @ 34" oc, all BC @ 24" oc.

**Wind**  
End verticals not exposed to wind pressure.  
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.
J - I	335 -93	H - G	170 -237
I - H	215 -10	G - F	31 -44

**Maximum Web Forces Per Ply (lbs)**


Webs	Tens.Comp.	Webs	Tens. Comp.
B - J	135 -421	D - G	86 -158
B - I	283 -241	D - F	153 -108
I - C	101 -398	E - F	129 -107
C - G	259 -196		

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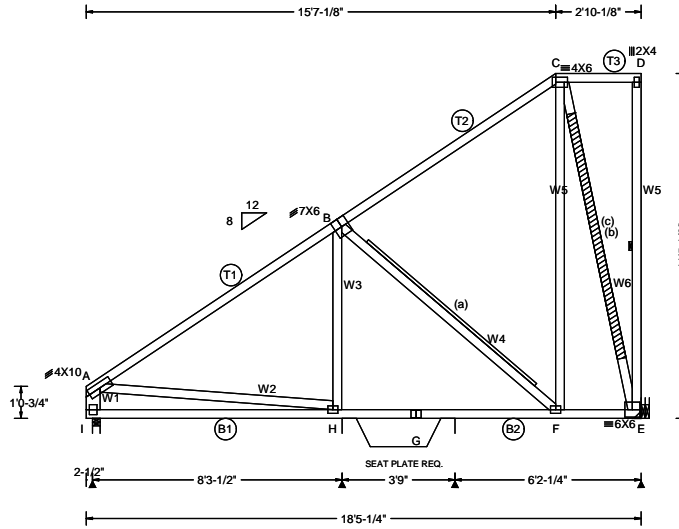
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<b>Truss Label:</b> <b>B5</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 149.1 lbs	<b>SEQN:</b> 30352 / T6 / HIPM <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by Mfg FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.008 B 999 360 VERT(TL): 0.018 B 999 240 HORZ(LL): 0.006 B - - HORZ(TL): 0.015 B - - Creep Factor: 2.0 Max TC CSI: 0.961 Max BC CSI: 0.516 Max Web CSI: 0.309 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * =PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL I 522 -/- /- /316 /72 /273 H* 170 -/- /- /88 /11 -/ E 630 -/- /- /390 /153 -/ G -/-114 Wind reactions based on MWFRS I Brg Wid = 3.0 Min Req = 1.5 (Truss) H Brg Wid = 45.0 Min Req = - E Brg Wid = - Min Req = - Bearings I & H are a rigid surface. Bearing H requires a seat plate.
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<b>Lumber</b> Top chord: 2x4 SP #2; T1 2x4 SP 2400f-2.0E; Bot chord: 2x4 SP #2; Webs: 2x4 SP #2; W1 2x6 SP #2;	<b>Wind</b> End verticals not exposed to wind pressure. Left cantilever is exposed to wind Wind loading based on both gable and hip roof types.	<b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 94 -500 C - D 1 -1 B - C 67 -310
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<b>Bracing</b> (c) Continuous lateral restraint equally spaced on member. (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. (b) #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.	<b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. I - H 399 -489 G - F 632 -402 H - G 632 -402 F - E 124 -67
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<b>Special Loads</b> ----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 64 plf at 0.00 to 64 plf at 18.44 BC: From 20 plf at 0.00 to 20 plf at 8.50 BC: From 45 plf at 8.50 to 45 plf at 18.33 BC: From 20 plf at 18.33 to 20 plf at 18.44	<b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. A - I 110 -442 C - F 351 -70 A - H 299 -114 C - E 272 -500 H - B 206 -293 D - E 111 -91 B - F 181 -274
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**Plating Notes**  
All plates are 3X4 except as noted.

**Purlins**  
In lieu of structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 34" oc, all BC @ 24" oc.


**Additional Notes**  
Provide hanger or special connection at right end of truss for 630 lbs.

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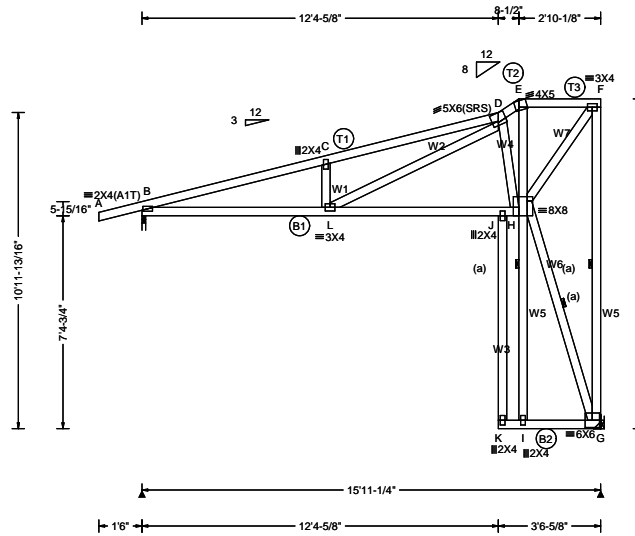
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<b>Truss Label:</b> <b>B4</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 4 <b>Wgt:</b> 134.4 lbs	<b>SEQN:</b> 30377 / T29 / SPEC <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 19.49 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by Mfg FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.070 C 999 360 VERT(TL): 0.138 C 999 240 HORZ(LL): 0.091 K - - HORZ(TL): 0.170 G - - Creep Factor: 2.0 Max TC CSI: 0.447 Max BC CSI: 0.546 Max Web CSI: 0.350 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 743 -/ - /356 /217 /136 G 686 -/ - /341 /140 -/ Wind reactions based on MWFRS B Brg Wid = 1.5 Min Req = 1.5 (Truss) G Brg Wid = - Min Req = - Bearing B is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 22 -11 D - E 347 -590 B - C 586 -1551 E - F 250 -430 C - D 640 -1515
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**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #2;

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

**Special Loads**  
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)  
TC: From 61 plf at -1.50 to 61 plf at 12.38  
TC: From 64 plf at 12.38 to 64 plf at 13.09  
TC: From 61 plf at 13.09 to 61 plf at 15.94  
BC: From 20 plf at 0.00 to 20 plf at 15.94  
BC: 50 lb Conc. Load at 15.42

**Purlins**  
In lieu of structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 34" oc, all BC @ 24" oc.

**Wind**  
Right end vertical not exposed to wind pressure.  
Wind loading based on both gable and hip roof types.

**Additional Notes**  
Top Chord overhang(s) may be field trimmed.  
Provide hanger or special connection at right end of truss for 686 lbs.

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**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
B - L	1462 -716	J - H	595 -370
L - J	602 -370	I - G	3 0
K - I	2 -1		

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.	Webs	Tens. Comp.
C - L	293 -368	H - I	141 -2
L - D	960 -364	H - F	689 -401
D - H	495 -719	H - G	0 -10
K - J	37 -83	F - G	420 -610
E - H	338 -109		

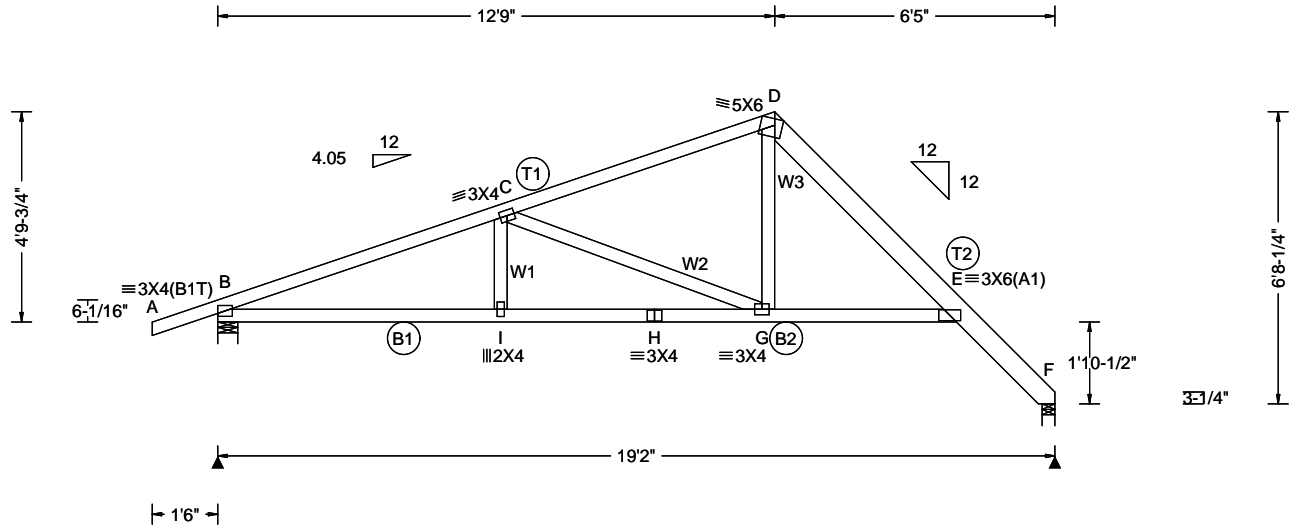
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<b>Truss Label:</b> <b>C8</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 4 <b>Wgt:</b> 88.2 lbs	<b>SEQN:</b> 30511 / T30 / SPEC <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 21.10 ft TCCL: 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.163 E 999 360 VERT(TL): 0.333 E 675 240 HORZ(LL): 0.037 D - - HORZ(TL): 0.075 D - - Creep Factor: 2.0 Max TC CSI: 0.514 Max BC CSI: 0.570 Max Web CSI: 0.500 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>872</td> <td>-</td> <td>-</td> <td>/430</td> <td>/164</td> <td>/188</td> </tr> <tr> <td>F</td> <td>779</td> <td>-</td> <td>-</td> <td>/428</td> <td>/152</td> <td>-</td> </tr> </tbody> </table>						Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	872	-	-	/430	/164	/188	F	779	-	-	/428	/152	-
				Loc	Gravity			Non-Gravity																												
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**Lumber**  
 Top chord: 2x4 SP #2; T2 2x6 SP 2400f-2.0E;  
 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**  
 Top Chord overhang(s) may be field trimmed.

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - I	1420	-357	H - G	1416	-361
I - H	1416	-361	G - E	772	-87

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.	Comp.	Webs	Tens.	Comp.
I - C	234	0	G - D	399	-46
C - G	295	-674			

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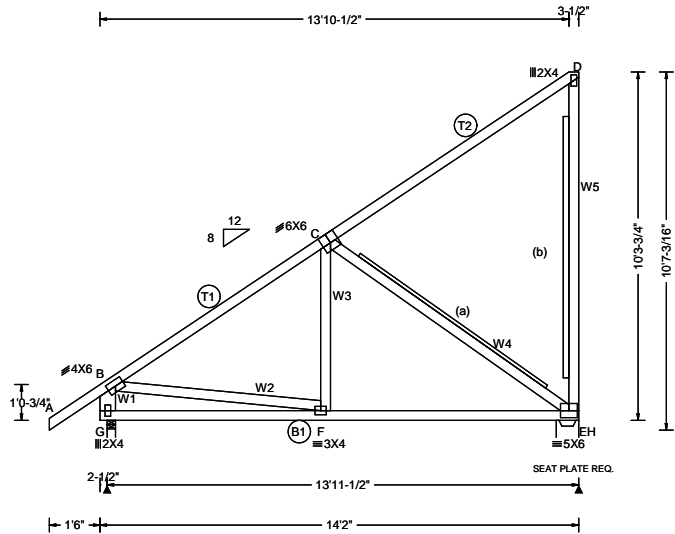
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For more information see this job's general notes page and these web sites: ALPINE: [www.alpineitw.com](http://www.alpineitw.com); TPI: [www.tpinst.org](http://www.tpinst.org); SBCA: [www.sbcindustry.com](http://www.sbcindustry.com); ICC: [www.iccsafe.org](http://www.iccsafe.org)



<b>Truss Label:</b> <b>B13</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 94.5 lbs	<b>SEQN:</b> 30196 / T141 / COMN <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.19 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.010 C 999 360 VERT(TL): 0.021 F 999 240 HORZ(LL): 0.004 E - - HORZ(TL): 0.008 C - - Creep Factor: 2.0 Max TC CSI: 0.957 Max BC CSI: 0.672 Max Web CSI: 0.579 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G 696 /- /- /371 /- /259 H 595 /- /- /465 /119 /- Wind reactions based on MWFRS G Brg Wid = 3.0 Min Req = 1.5 (Truss) H Brg Wid = 8.0 Min Req = 1.5 (Truss) Bearings G & H are a rigid surface. Bearing H requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 53 0 C - D 104 -160 B - C 0 -693  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. G - F 246 -475 F - E 490 -271  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - G 138 -645 C - E 331 -599 B - F 367 0 D - E 157 -190 F - C 312 0
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**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #2; W1 2x6 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.  
(b) 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**  
End verticals not exposed to wind pressure.  
Left cantilever is exposed to wind  
Wind loading based on both gable and hip roof types.

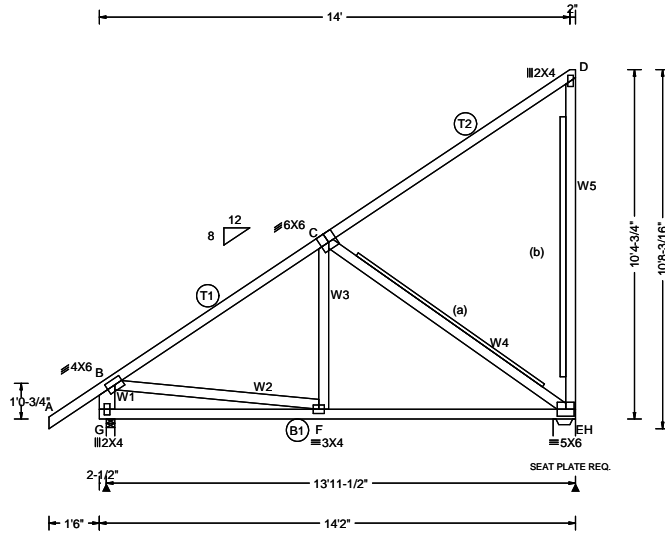
**Additional Notes**  
Top Chord overhang(s) may be field trimmed.

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<b>Truss Label:</b> <b>B12</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 94.5 lbs	<b>SEQN:</b> 30198 / T140 / COMN <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.23 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.010 C 999 360 VERT(TL): 0.021 F 999 240 HORIZ(LL): 0.004 E - - HORIZ(TL): 0.008 C - - Creep Factor: 2.0 Max TC CSI: 0.963 Max BC CSI: 0.672 Max Web CSI: 0.580 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity G 696 /- /- /370 /- /261 H 595 /- /- /471 /123 /- Wind reactions based on MWFRS G Brg Wid = 3.0 Min Req = 1.5 (Truss) H Brg Wid = 8.0 Min Req = 1.5 (Truss) Bearings G & H are a rigid surface. Bearing H requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 53 0 C - D 105 -165 B - C 0 -693  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. G - F 246 -478 F - E 490 -272  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - G 136 -645 C - E 332 -600 B - F 368 0 D - E 163 -190 F - C 312 0
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**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #2; W1 2x6 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.  
(b) 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**  
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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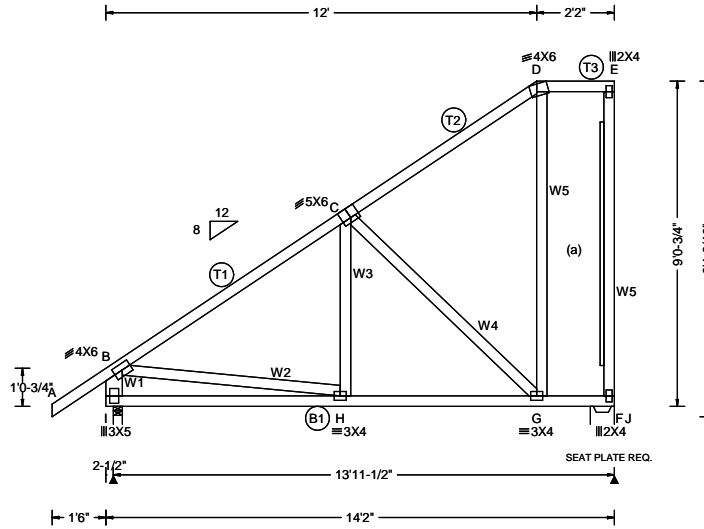
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<b>Truss Label:</b> <b>B11</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 105.7 lbs	<b>SEQN:</b> 30200 / T138 / COMN <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.251 G 676 360 VERT(TL): 0.534 G 318 240 HORZ(LL): 0.178 D - - HORZ(TL): 0.377 D - - Creep Factor: 2.0 Max TC CSI: 0.746 Max BC CSI: 0.652 Max Web CSI: 0.693 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity I 696 /- /- /381 /- /225 J 595 /- /- /425 /122 /- Wind reactions based on MWFRS I Brg Wid = 3.0 Min Req = 1.5 (Truss) J Brg Wid = 8.0 Min Req = 1.5 (Truss) Bearings I & J are a rigid surface. Bearing J requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 53 0 C - D 19 -170 B - C 47 -717 D - E 2 -1
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**Lumber**

Top chord: 2x4 SP #2; T2 2x4 SP 2400f-2.0E;  
Bot chord: 2x4 SP 2400f-2.0E;  
Webs: 2x4 SP #2; W1 2x6 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**


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**

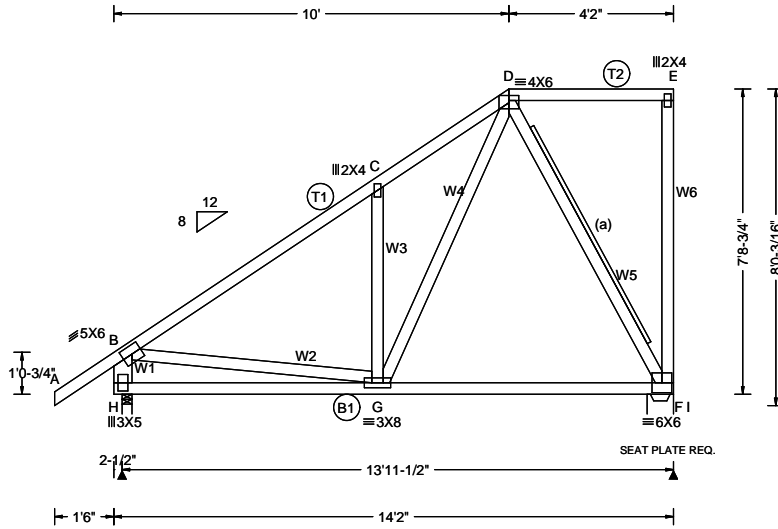
Top Chord overhang(s) may be field trimmed.

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<b>Truss Label:</b> <b>B10</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 105.7 lbs	<b>SEQN:</b> 30202 / T137 / COMN <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.013 C 999 360 VERT(TL): 0.027 C 999 240 HORZ(LL): 0.005 C - - HORZ(TL): 0.011 C - - Creep Factor: 2.0 Max TC CSI: 0.469 Max BC CSI: 0.616 Max Web CSI: 0.397 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity H 696 /- /- /385 /- /191 I 595 /- /- /385 /120 /- Wind reactions based on MWFRS H Brg Wid = 3.0 Min Req = 1.5 (Truss) I Brg Wid = 8.0 Min Req = 1.5 (Truss) Bearings H & I are a rigid surface. Bearing I requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 53 0 C - D 290 -653 B - C 99 -676 D - E 1 -1
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**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #2; W1 2x6 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**  
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.  
H - G 239 -400 G - F 226 -158

**Maximum Web Forces Per Ply (lbs)**  
Webs Tens.Comp. Webs Tens. Comp.  
B - H 237 -643 G - D 583 -254  
B - G 296 0 D - F 322 -461  
C - G 319 -390 E - F 179 -133

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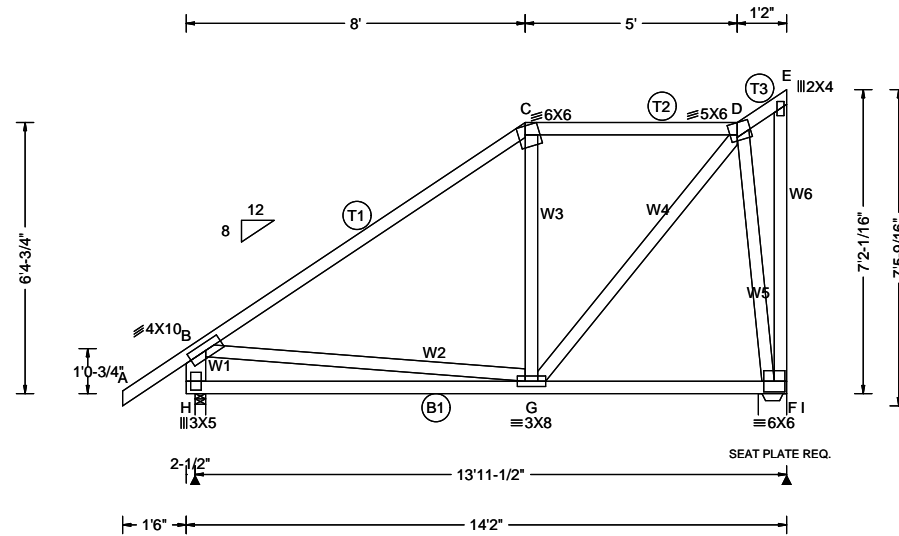
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<b>Truss Label:</b> <b>B9</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 100.1 lbs	<b>SEQN:</b> 30204 / T136 / COMN <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.008 C 999 360 VERT(TL): 0.017 C 999 240 HORZ(LL): 0.004 C - - - HORZ(TL): 0.009 C - - - Creep Factor: 2.0 Max TC CSI: 0.717 Max BC CSI: 0.582 Max Web CSI: 0.381 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity H 696 /- /- /377 /14 /175 I 595 /- /- /376 /112 /- Wind reactions based on MWFRS H Brg Wid = 3.0 Min Req = 1.5 (Truss) I Brg Wid = 8.0 Min Req = 1.5 (Truss) Bearings H & I are a rigid surface. Bearing I requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 53 0 C - D 240 -399 B - C 171 -623 D - E 26 -37  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. H - G 350 -423 G - F 104 -92  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - H 297 -622 G - D 473 -293 B - G 205 -88 D - F 491 -554 C - G 316 -206 E - F 32 -48
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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 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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P.E.  
#98829

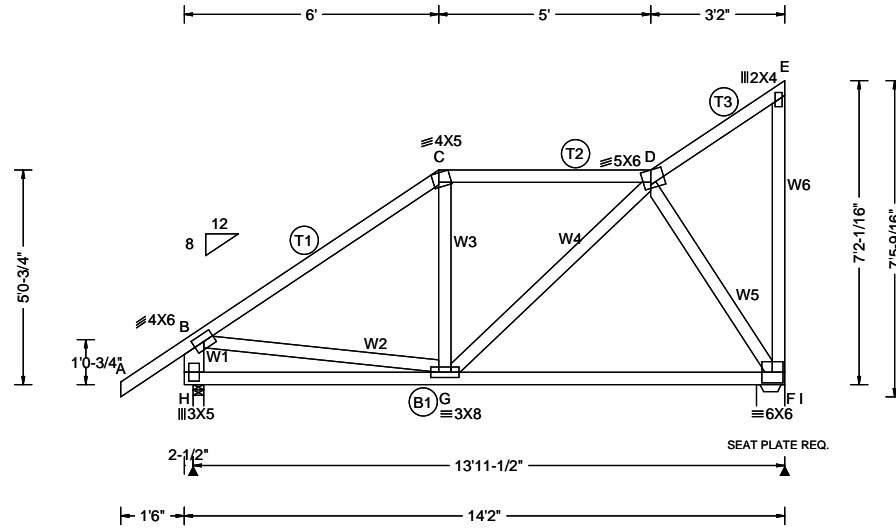
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<b>Truss Label:</b> <b>B8</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 94.5 lbs	<b>SEQN:</b> 30210 / T44 / COMM <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.008 C 999 360 VERT(TL): 0.017 C 999 240 HORZ(LL): -0.004 E - - HORZ(TL): 0.008 E - - Creep Factor: 2.0 Max TC CSI: 0.386 Max BC CSI: 0.666 Max Web CSI: 0.296 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity H 696 /- /- /363 /22 /175 I 595 /- /- /389 /104 /- Wind reactions based on MWFRS H Brg Wid = 3.0 Min Req = 1.5 (Truss) I Brg Wid = 8.0 Min Req = 1.5 (Truss) Bearings H & I are a rigid surface. Bearing I requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 53 0 C - D 272 -492 B - C 234 -695 D - E 42 -70
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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 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.  
H - G 199 -365 G - F 302 -251

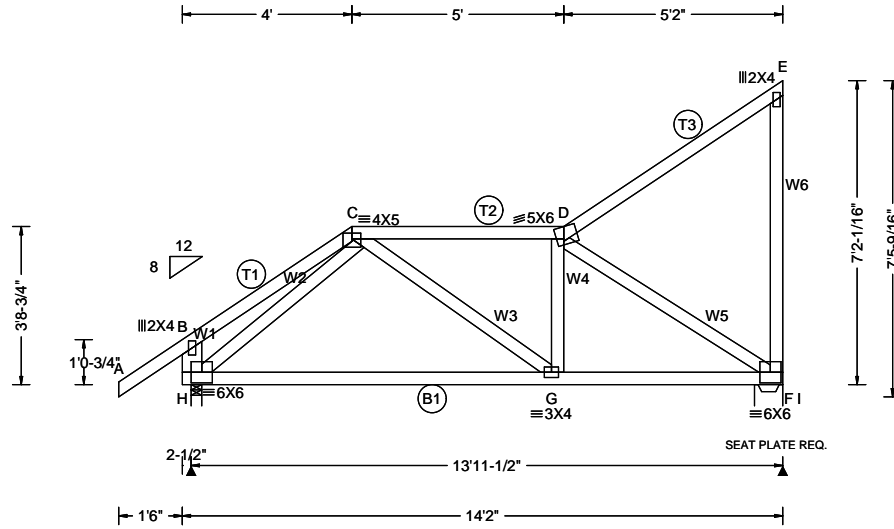
**Maximum Web Forces Per Ply (lbs)**  
Webs Tens.Comp. Webs Tens. Comp.  
B - H 314 -652 G - D 275 -168  
B - G 365 -30 D - F 452 -545  
C - G 231 -52 E - F 65 -77

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<b>Truss Label:</b> <b>B7</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 90.3 lbs	<b>SEQN:</b> 30216 / T3 / COMN <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.012 D 999 360 VERT(TL): 0.026 G 999 240 HORZ(LL): 0.006 F - - HORZ(TL): 0.012 F - - Creep Factor: 2.0 Max TC CSI: 0.412 Max BC CSI: 0.693 Max Web CSI: 0.500 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL H 696 /- /- /350 /29 /175 I 595 /- /- /403 /97 /- Non-Gravity Wind reactions based on MWFRS H Brg Wid = 3.0 Min Req = 1.5 (Truss) I Brg Wid = 8.0 Min Req = 1.5 (Truss) Bearings H & I are a rigid surface. Bearing I requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 53 0 C - D 242 -650 B - C 131 -285 D - E 74 -115 <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. H - G 472 -452 G - F 647 -407 <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - H 258 -338 G - D 191 0 H - C 211 -424 D - F 488 -776 C - G 252 0 E - F 113 -133
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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 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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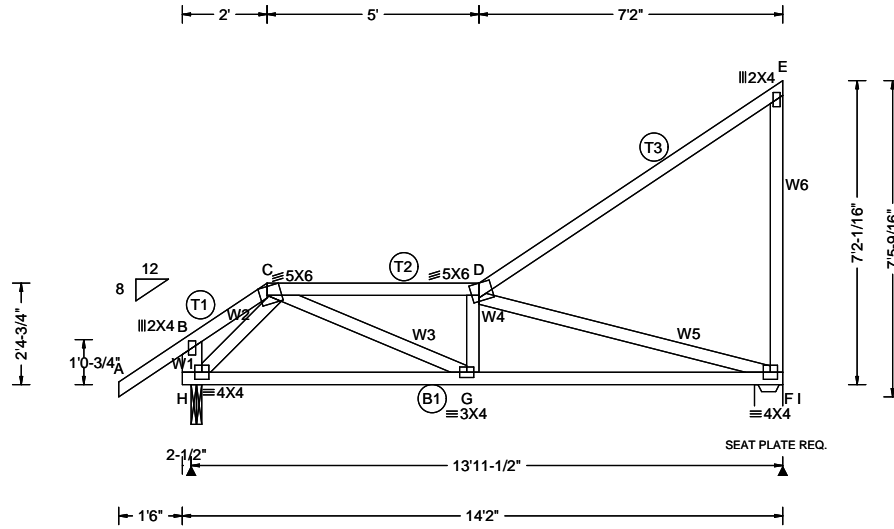
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<b>Truss Label:</b> <b>B6</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 87.5 lbs	<b>SEQN:</b> 30165 / T24 / COMM <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.033 D 999 360 VERT(TL): 0.071 D 999 240 HORZ(LL): -0.017 E - - HORZ(TL): 0.036 E - - Creep Factor: 2.0 Max TC CSI: 0.863 Max BC CSI: 0.755 Max Web CSI: 0.611 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL H 700 /- /- /- /83 /- I 595 /- /- /- /69 /- Wind reactions based on MWFRS H Brg Wid = 3.0 Min Req = 1.5 (Truss) I Brg Wid = 8.0 Min Req = 1.5 (Truss) Bearings H & I are a rigid surface. Bearing I requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 53 -20 C - D 73 -1169 B - C 0 -143 D - E 106 -148
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**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #2; W1 2x6 SP #2;  
W5 2x4 SP 2400f-2.0E;

**Special Loads**  
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)  
TC: From 64 plf at -1.50 to 64 plf at 2.00  
TC: From 32 plf at 2.00 to 32 plf at 7.00  
TC: From 64 plf at 7.00 to 64 plf at 14.17  
BC: From 10 plf at 0.00 to 10 plf at 4.94  
BC: From 20 plf at 4.94 to 20 plf at 14.17  
TC: -4 lb Conc. Load at 2.00  
TC: 64 lb Conc. Load at 3.06, 4.94  
BC: 9 lb Conc. Load at 2.00  
BC: 40 lb Conc. Load at 3.06, 4.94

**Purlins**  
In lieu of rigid ceiling provide lateral bracing to brace 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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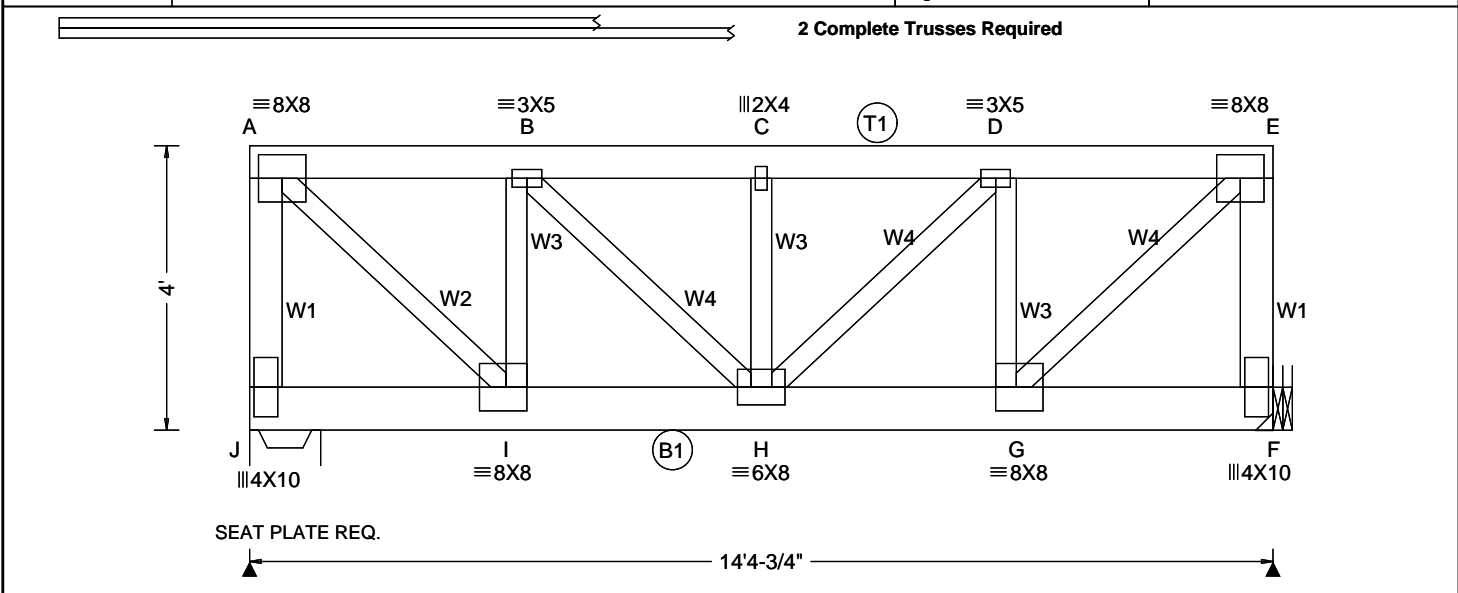
**Maximum Bot Chord Forces Per Ply (lbs)**  
Chords Tens.Comp. Chords Tens. Comp.  
H - G 476 -27 G - F 1184 -89

**Maximum Web Forces Per Ply (lbs)**  
Webs Tens.Comp. Webs Tens. Comp.  
B - H 55 -233 G - D 115 -113  
H - C 72 -563 D - F 93 -1233  
C - G 771 -51 E - F 72 -192

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<b>Truss Label:</b> <b>FTG5</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 2 <b>Qty:</b> 1 <b>Wgt:</b> 263.2 lbs	<b>SEQN:</b> 30248 / T62 / FLAT <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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: NA ft Loc. from endwall: not in 10.50 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by Mfg FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.052 C 999 360 VERT(TL): 0.104 C 999 240 HORZ(LL): 0.016 A - - HORZ(TL): 0.032 A - - Creep Factor: 2.0 Max TC CSI: 0.165 Max BC CSI: 0.234 Max Web CSI: 0.842 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL J 5875 -/- /- /- /1434 -/ F 6165 -/- /- /- /1285 -/ Wind reactions based on MWFRS J Brg Wid = 12.0 Min Req = 2.4 (Truss) F Brg Wid = - Min Req = - Bearing J is a rigid surface. Bearing J requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 644 -2731 C - D 802 -3544 B - C 802 -3544 D - E 575 -2718
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**Lumber**  
Top chord: 2x6 SP #2;  
Bot chord: 2x8 SP 2400f-2.0E;  
Webs: 2x4 SP #2; W1 2x6 SP 2400f-2.0E;  
W2 2x4 SP 2400f-2.0E;

**Nailnote**  
Nail Schedule: 0.148"x3.25", min. nails  
Top Chord: 1 Row @ 12.00" o.c.  
Bot Chord: 2 Rows @ 5.00" o.c. (Each Row)  
Webs : 1 Row @ 4" o.c.  
Use equal spacing between rows and stagger nails in each row to avoid splitting.

**Special Loads**  
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)  
TC: From 60 plf at 0.00 to 60 plf at 2.60  
TC: From 30 plf at 2.60 to 30 plf at 14.40  
BC: From 10 plf at 0.00 to 10 plf at 14.40  
BC: 686 lb Conc. Load at 1.73, 3.73, 5.60, 7.60  
BC: 1189 lb Conc. Load at 2.60, 4.60, 6.60, 8.60  
10.60, 12.60  
BC: 877 lb Conc. Load at 10.73  
BC: 630 lb Conc. Load at 12.73

**Additional Notes**  
Truss must be installed as shown with top chord up.  
Provide hanger or special connection at right end of truss for 6165 lbs.

**Maximum Bot Chord Forces Per Ply (lbs)**  
Chords Tens.Comp. Chords Tens. Comp.  
J - I 22 -7 H - G 2788 -595  
I - H 2802 -671 G - F 29 -6

**Maximum Web Forces Per Ply (lbs)**  
Webs Tens.Comp. Webs Tens. Comp.  
A - J 671 -2674 H - D 1097 -300  
A - I 3758 -883 D - G 244 -828  
I - B 317 -846 G - E 3730 -789  
B - H 1076 -191 E - F 562 -2639  
C - H 113 -38

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


**Wind**  
End verticals not exposed to wind pressure.

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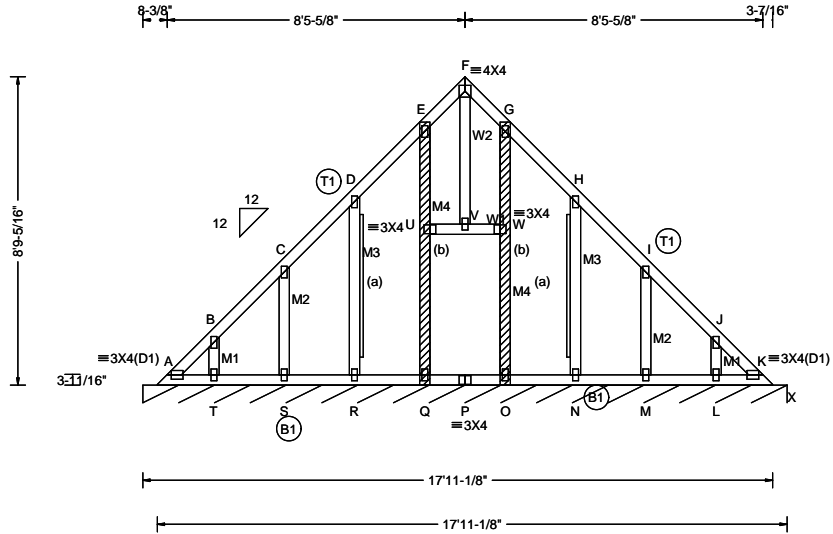
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<b>Truss Label:</b> <b>VG1</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 123.2 lbs	<b>SEQN:</b> 30045 / T64 / GABL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.69 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.001 F 999 360 VERT(TL): 0.006 F 999 240 HORZ(LL): -0.000 B - - HORZ(TL): 0.007 D - - Creep Factor: 2.0 Max TC CSI: 0.062 Max BC CSI: 0.049 Max Web CSI: 0.674 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or *=PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL X* 84 /- /- /48 /11 /15 Wind reactions based on MWFRS X Brg Wid = 220 Min Req = - Bearing A is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 185 -373 F - G 129 -73 B - C 156 -275 G - H 62 -87 C - D 104 -151 H - I 104 -151 D - E 62 -87 I - J 156 -275 E - F 129 -73 J - K 185 -373
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**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 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.  
Gable meets L/360 deflection criteria for wind load applied to face. Calculated deflection ratio is L/605.

**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) 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.

**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 - T	294	-137	P - O	316	-150
T - S	306	-144	O - N	317	-149
S - R	313	-147	N - M	313	-147
R - Q	317	-149	M - L	306	-144
Q - P	316	-150	L - K	294	-137

**Maximum Web Forces Per Ply (lbs)**  
Webs Tens.Comp. Webs Tens. Comp.

U - V	4	0	V - W	4	0
F - V	4	-91			

**Maximum Gable Forces Per Ply (lbs)**  
Gables Tens.Comp. Gables Tens. Comp.


B - T	142	-115	W - O	57	-125
C - S	197	-135	W - G	102	-120
D - R	205	-136	N - H	205	-136
E - U	102	-120	M - I	197	-135
U - Q	57	-125	L - J	142	-115

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

**PLATING NOTES**  
All plating is 2x4 except as noted.

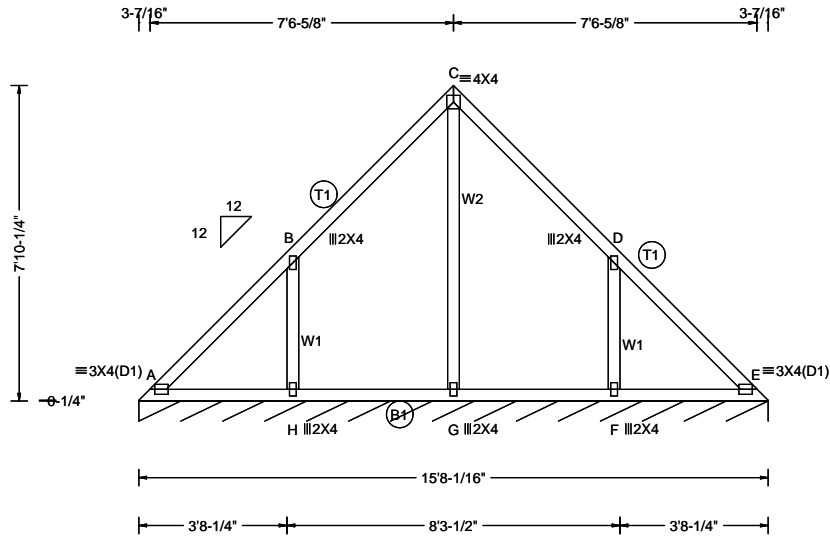
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For more information see this job's general notes page and these web sites: ALPINE: [www.alpineitw.com](http://www.alpineitw.com); TPI: [www.tpinst.org](http://www.tpinst.org); SBCA: [www.sbcaindustry.com](http://www.sbcaindustry.com); ICC: [www.iccsafe.org](http://www.iccsafe.org)

<b>Truss Label:</b> <b>V19</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 78.4 lbs	<b>SEQN:</b> 30292 / T200 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 16.56 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.003 A 999 360 VERT(TL): 0.007 A 999 240 HORZ(LL): -0.002 E - - HORZ(TL): 0.006 B - - Creep Factor: 2.0 Max TC CSI: 0.280 Max BC CSI: 0.140 Max Web CSI: 0.213 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * =PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 88 /- /- /51 /13 /15 Wind reactions based on MWFRS E Brg Wid = 188 Min Req = - Bearing A is a rigid surface.
				<b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 157 -184 C - D 188 -124 B - C 189 -122 D - E 224 -217


<b>Lumber</b> Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #2;	<b>Purlins</b> In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc	<b>Wind</b> Wind loading based on both gable and hip roof types.	<b>Additional Notes</b> See applicable standard valley or piggyback details for more requirements.	<b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - H 207 -106 G - F 221 -114 H - G 221 -114 F - E 208 -115
				<b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - H 459 -308 F - D 459 -308 C - G 6 -219

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**\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!**  
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Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCEA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

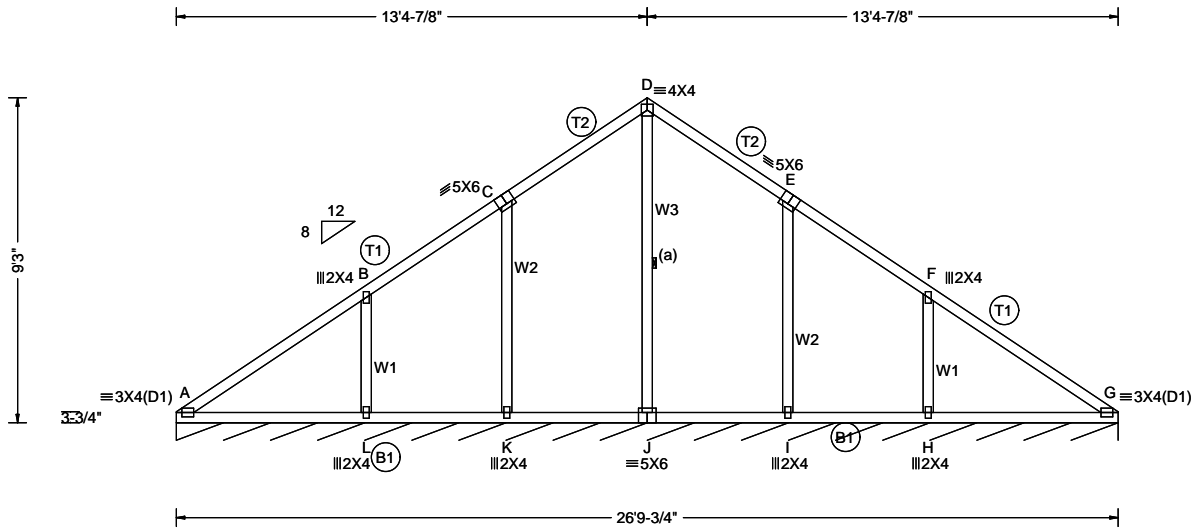
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For more information see this job's general notes page and these web sites: ALPINE: [www.alpineitw.com](http://www.alpineitw.com); TPI: [www.tpinst.org](http://www.tpinst.org); SBCEA: [www.sbceaindustry.com](http://www.sbceaindustry.com); ICC: [www.iccsafe.org](http://www.iccsafe.org)



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<b>Truss Label:</b> <b>PB2</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 14 <b>Wgt:</b> 130.2 lbs	<b>SEQN:</b> 29964 / T81 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 26.24 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.006 A 999 360 VERT(TL): 0.014 A 999 240 HORZ(LL): 0.004 A - - HORZ(TL): 0.014 A - - Creep Factor: 2.0 Max TC CSI: 0.289 Max BC CSI: 0.244 Max Web CSI: 0.188 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or *=PLF</b> Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL G* 84 /- /- /45 /28 /10 Wind reactions based on MWFRS G Brg Wid = 321 Min Req = - Bearing A is a rigid surface.  <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 119 -205 D - E 310 -171 B - C 144 -168 E - F 144 -168 C - D 310 -171 F - G 119 -205
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**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #2;

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

**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.

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - L	195 -110	J - I	198 -115
L - K	197 -114	I - H	197 -114
K - J	198 -115	H - G	195 -110

**Maximum Web Forces Per Ply (lbs)**

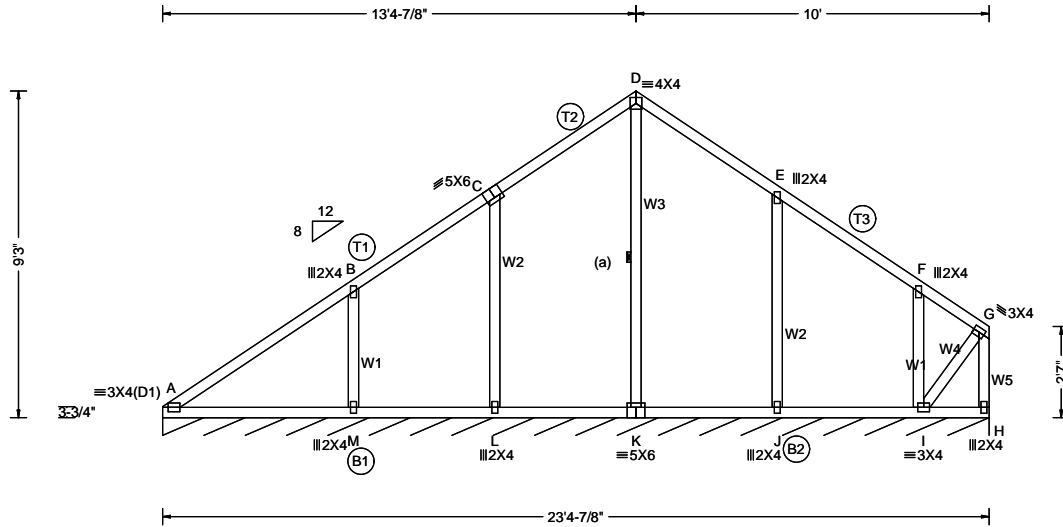
Webs	Tens.Comp.	Webs	Tens. Comp.
B - L	304 -315	I - E	266 -267
C - K	266 -267	H - F	304 -315
D - J	0 -196		

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



<b>Truss Label:</b> <b>PB3</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 9 <b>Wgt:</b> 128.8 lbs	<b>SEQN:</b> 29982 / T76 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 26.24 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.006 A 999 360 VERT(TL): 0.014 A 999 240 HORZ(LL): 0.005 A - - HORZ(TL): 0.013 A - - Creep Factor: 2.0 Max TC CSI: 0.290 Max BC CSI: 0.240 Max Web CSI: 0.210 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * =PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL H* 84 /- /- /47 /12 /11 Wind reactions based on MWFRS H Brg Wid = 280 Min Req = - Bearing A is a rigid surface.  <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 124 -192 D - E 229 -143 B - C 99 -136 E - F 111 -134 C - D 228 -140 F - G 118 -164
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**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #2;

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

**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.

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - M	185 -109	K - J	140 -97
M - L	187 -112	J - I	139 -95
L - K	188 -114	I - H	0 0

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.	Webs	Tens. Comp.
B - M	243 -316	F - I	187 -207
C - L	215 -267	I - G	220 -152
D - K	0 -150	G - H	167 -257
J - E	237 -298		

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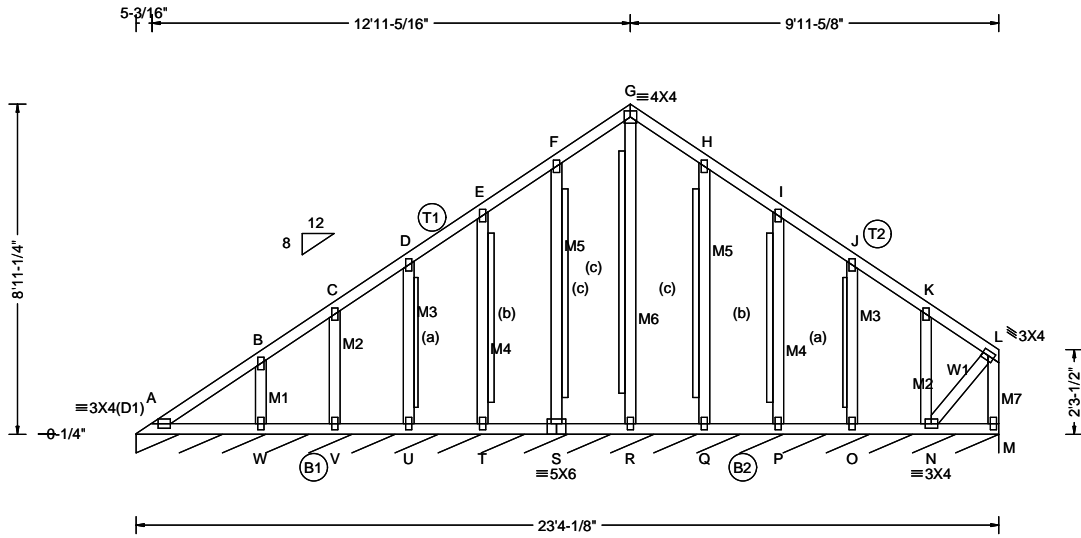
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<b>Truss Label:</b> <b>PB4</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 162.4 lbs	<b>SEQN:</b> 30246 / T75 / GABL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 26.08 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.003 A 999 360 VERT(TL): 0.007 A 999 240 HORZ(LL): 0.001 A - - HORZ(TL): 0.007 H - - Creep Factor: 2.0 Max TC CSI: 0.105 Max BC CSI: 0.082 Max Web CSI: 0.595 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or *=PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL M* 84 - / - / - /46 /12 /13 Wind reactions based on MWFRS M Brg Wid = 280 Min Req = - Bearing A is a rigid surface.  <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 157 -196 G - H 227 -37 B - C 120 -148 H - I 157 -41 C - D 108 -108 I - J 92 -63 D - E 108 -86 J - K 85 -86 E - F 161 -63 K - L 110 -130 F - G 228 -42
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**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #2;

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

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

**Wind**  
Right end vertical exposed to wind pressure.  
Deflection meets L/360.  
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/598.

**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.

**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 - W 186 -129 R - Q 181 -165  
W - V 187 -133 Q - P 179 -163  
V - U 188 -135 P - O 178 -162  
U - T 189 -136 O - N 176 -161  
T - S 190 -138 N - M 53 -49  
S - R 181 -165

**Maximum Web Forces Per Ply (lbs)**  
Webs Tens.Comp.  
N - L 207 -189


**Maximum Gable Forces Per Ply (lbs)**  
Gables Tens.Comp. Gables Tens. Comp.  
B - W 140 -178 Q - H 122 -145  
C - V 92 -109 P - I 99 -124  
D - U 100 -130 O - J 99 -126  
E - T 99 -123 K - N 133 -139  
F - S 123 -145 L - M 170 -213  
G - R 1 -190

**PLATING NOTES**

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

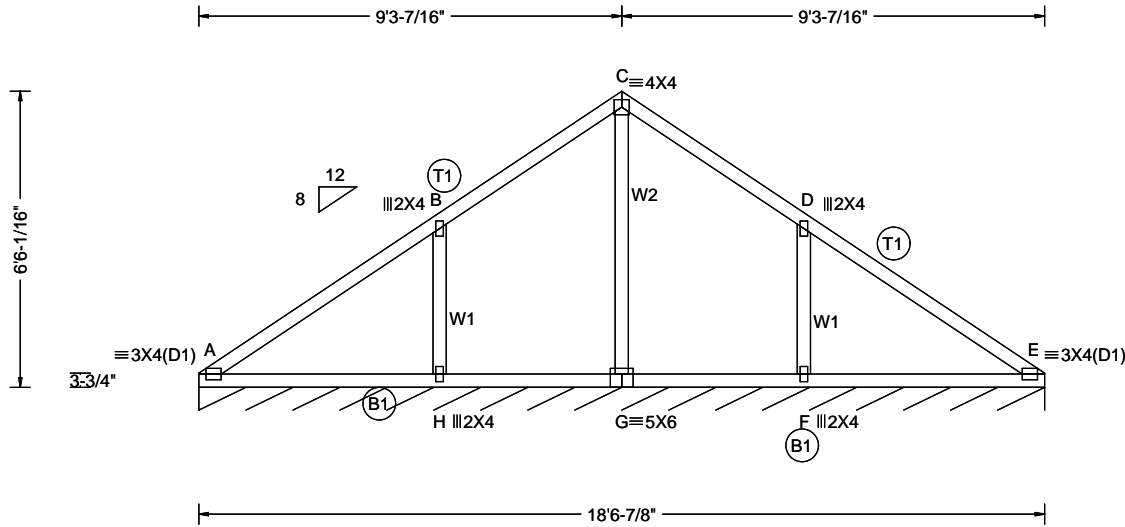
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<b>Truss Label:</b> <b>PB5</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 6 <b>Wgt:</b> 81.2 lbs	<b>SEQN:</b> 30423 / T72 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> TCLL: 20.00 TCDL: 10.00 BCDL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 24.87 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.005 A 999 360 VERT(TL): 0.012 A 999 240 HORZ(LL): 0.004 A - - HORZ(TL): 0.009 A - - Creep Factor: 2.0 Max TC CSI: 0.295 Max BC CSI: 0.240 Max Web CSI: 0.081 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * = PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 84 /- /- /45 /13 /10 Wind reactions based on MWFRS E Brg Wid = 222 Min Req = - Bearing A is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 79 -175 C - D 192 -190 B - C 192 -190 D - E 79 -175  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - H 141 -67 G - F 143 -71 H - G 143 -71 F - E 141 -67  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - H 260 -345 F - D 260 -345 C - G 8 -101
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<b>Lumber</b> Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #2;	<b>Purlins</b> In lieu of rigid ceiling provide lateral bracing to brace BC @ 51" oc	<b>Wind</b> End verticals not exposed to wind pressure. Wind loading based on both gable and hip roof types.	<b>Additional Notes</b> See applicable standard valley or piggyback details for more requirements.
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**\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!**  
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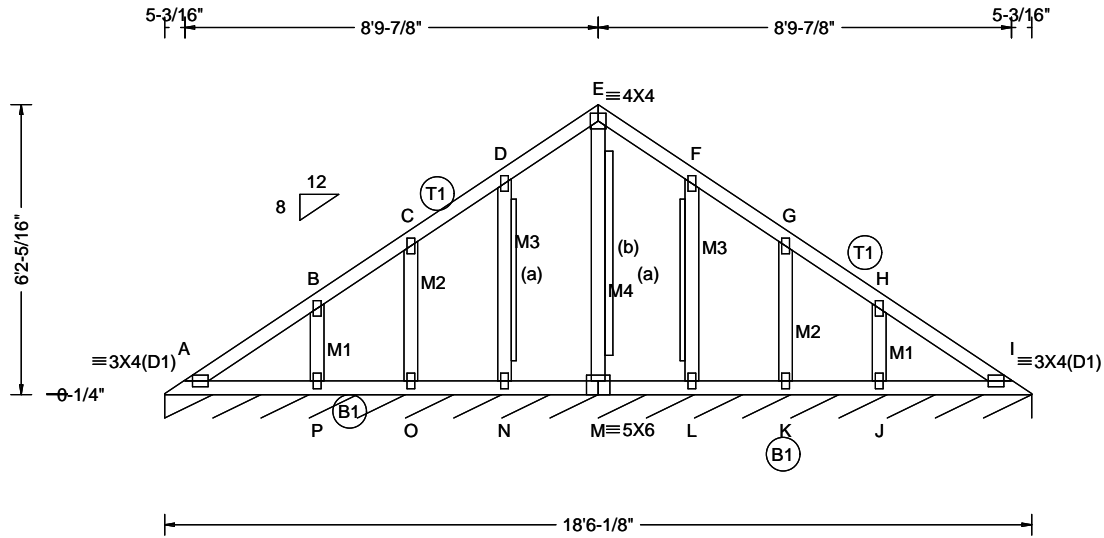
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<b>Truss Label:</b> <b>PB6</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 98.0 lbs	<b>SEQN:</b> 30434 / T70 / GABL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 24.71 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.003 A 999 360 VERT(TL): 0.006 A 999 240 HORZ(LL): -0.001 I - - HORZ(TL): 0.004 I - - Creep Factor: 2.0 Max TC CSI: 0.096 Max BC CSI: 0.074 Max Web CSI: 0.578 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or *=PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL I* 84 /- /- /44 /24 /9 Wind reactions based on MWFRS I Brg Wid = 222 Min Req = - Bearing A is a rigid surface.  <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 117 -105 E - F 162 -13 B - C 81 -58 F - G 85 -33 C - D 85 -33 G - H 81 -58 D - E 162 -13 H - I 117 -105
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**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #2;

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

**Purlins**  
In lieu of rigid ceiling provide lateral bracing to brace BC @ 51" oc

**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/670.

**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.

**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	111 -93	M - L	123 -102
P - O	118 -98	L - K	120 -100
O - N	120 -100	K - J	118 -98
N - M	123 -102	J - I	111 -93

**Maximum Gable Forces Per Ply (lbs)**

Gables	Tens.Comp.	Gables	Tens. Comp.
B - P	143 -171	L - F	135 -148
C - O	110 -108	K - G	110 -108
D - N	135 -148	J - H	143 -171
E - M	0 -142		

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


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

**PLATING NOTES**  
All plates are 2x4 except as noted

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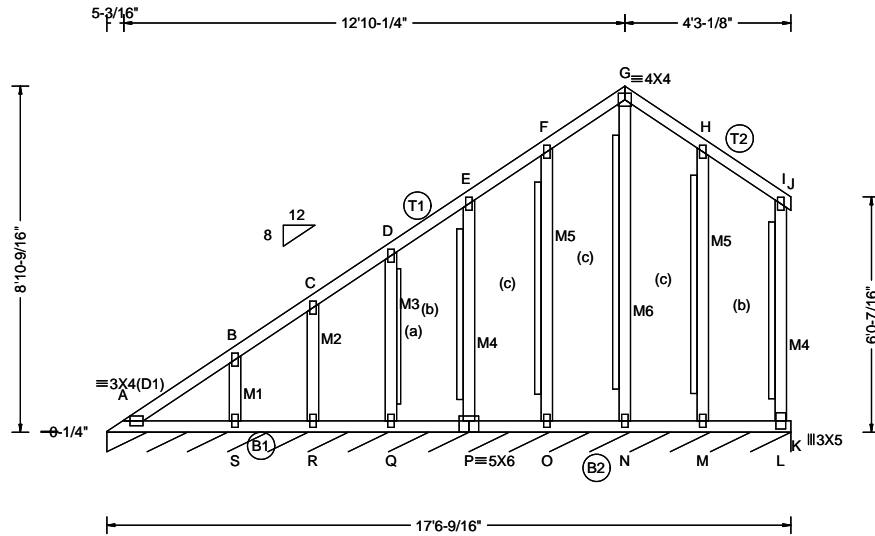
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<b>Truss Label:</b> <b>PB1</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 120.4 lbs	<b>SEQN:</b> 30146 / T8 / GABL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 25.76 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.003 A 999 360 VERT(TL): 0.007 A 999 240 HORZ(LL): 0.001 A - - HORZ(TL): 0.017 J - - Creep Factor: 2.0 Max TC CSI: 0.100 Max BC CSI: 0.094 Max Web CSI: 0.600 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or *=PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A* 84 /- /- /51 /27 /21 Wind reactions based on MWFRS A Brg Wid = 210 Min Req = - Bearing A is a rigid surface.  <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 227 -422 F - G 367 -191 B - C 194 -323 G - H 367 -170 C - D 189 -257 H - I 274 -148 D - E 189 -235 I - J 6 0 E - F 268 -214
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**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 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**  
Right end vertical exposed to wind pressure.  
Deflection meets L/360.  
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/610.

**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.

**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.

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - S	403 -189	O - N	187 -137
S - R	410 -192	N - M	187 -137
R - Q	414 -194	M - L	185 -138
Q - P	417 -195	L - K	0 0
P - O	185 -138		

**Maximum Gable Forces Per Ply (lbs)**

Gables	Tens.Comp.	Gables	Tens. Comp.
B - S	193 -173	F - O	169 -145
C - R	143 -111	G - N	162 -313
D - Q	151 -130	M - H	210 -156
E - P	150 -123	L - I	214 -123


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**PLATING NOTES**

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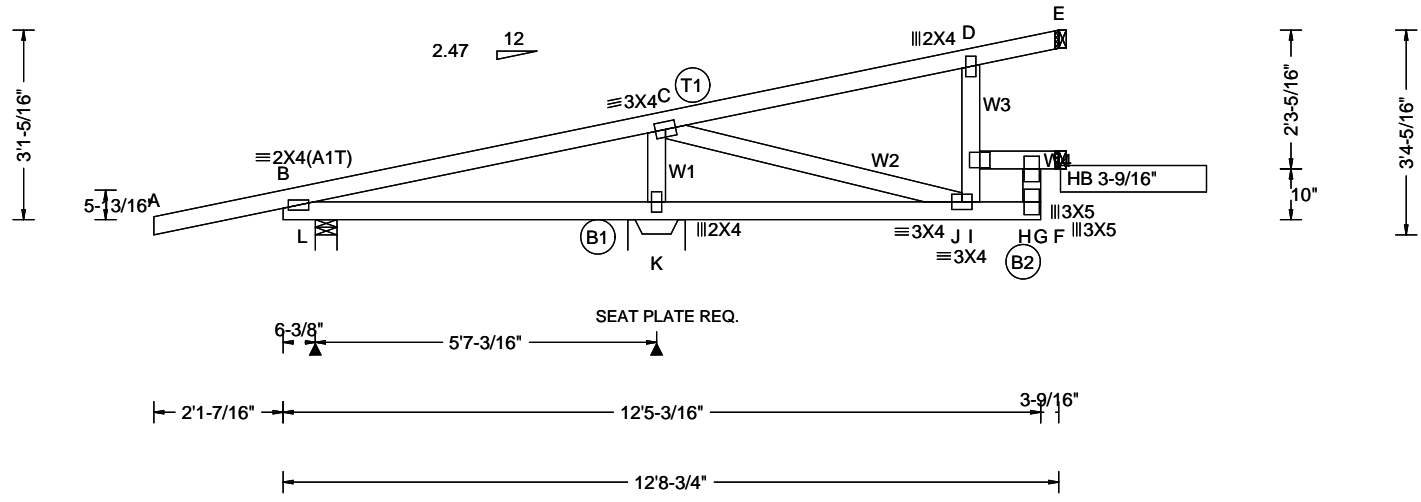
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<b>Truss Label:</b> <b>CJ13</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 61.6 lbs	<b>SEQN:</b> 30067 / T23 / HIP_ <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.065 D 999 360 VERT(TL): 0.133 D 596 240 HORZ(LL): 0.019 D - - HORZ(TL): 0.041 D - - Creep Factor: 2.0 Max TC CSI: 0.817 Max BC CSI: 0.564 Max Web CSI: 0.207 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity L - /-22 /- /- /15 /- K 1227 /- /- /- /245 /- F 295 /- /0 /- /73 /0 E 85 /- /- /12 /- /-  Wind reactions based on MWFRS L Brg Wid = 4.2 Min Req = 1.5 K Brg Wid = 11.3 Min Req = 1.5 (Truss) F Brg Wid = 1.5 Min Req = - E Brg Wid = 1.5 Min Req = - Bearings L & K are a rigid surface. Bearing K requires a seat plate.
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**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #2;

**Loading**  
The following trusses need concentrated loads at the end of their overhangs: 3-0-0 span/setback member on the 0-4-8 cant side requires 34 lbs and the 3-0-0 span/setback member on the 0-4-8 cant side requires 34 lbs.

Sub-fascia beam assumptions: 4-6-0 sub-fascia beam on the 0-4-8 cantilever side. 4-6-0 sub-fascia beam on the 0-4-8 cantilever side.

Hipjack supports 9-0-0 setback jacks with 0-4-8 cantilever one face; 0-4-8 cantilever opposite face.

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

**Wind**  
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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**Maximum Top Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	20 -7	C - D	30 -122
B - C	960 -246	D - E	17 0

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
B - K	449 -1789	I - H	7 -68
K - J	198 -821	H - F	0 0
J - G	68 -7		

**Maximum Web Forces Per Ply (lbs)**


Webs	Tens.Comp.	Webs	Tens. Comp.
K - C	322 -993	D - I	127 -122
C - J	915 -211	H - G	232 -73
J - I	138 -138		

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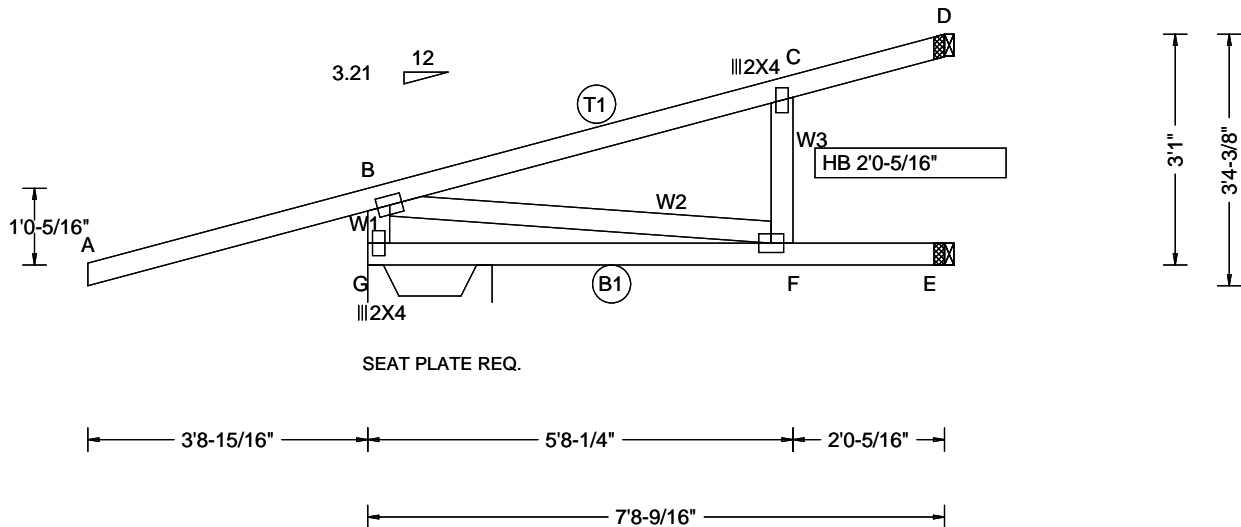
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<b>Truss Label:</b> <b>CJ8</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 40.6 lbs	<b>SEQN:</b> 30167 / T25 / HIP_ <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by Mfg FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.128 C 723 360 VERT(TL): 0.267 C 346 240 HORZ(LL): 0.051 C - - HORZ(TL): 0.106 C - - Creep Factor: 2.0 Max TC CSI: 0.451 Max BC CSI: 0.643 Max Web CSI: 0.146 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * =PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G* 262 /- /- /- /46 /- E 196 /-6 /- /1 /6 /- D 268 /- /- /- /39 /- Wind reactions based on MWFRS G Brg Wid = 20.0 Min Req = - E Brg Wid = 1.5 Min Req = - D Brg Wid = 1.5 Min Req = - Bearing G is a rigid surface. Bearing G requires a seat plate.  <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 37 -12 C - D 69 -10 B - C 11 -94  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. G - F 97 -14 F - E 0 0  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - G 86 -343 C - F 105 -10 B - F 12 -43
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**Lumber**  
Top chord: 2x4 SP 2400f-2.0E;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #2;

**Special Loads**  
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)  
TC: From 0 plf at -3.74 to 61 plf at 0.00  
TC: From 2 plf at 0.00 to 2 plf at 7.71  
BC: From 2 plf at 0.00 to 2 plf at 7.71  
TC: 31 lb Conc. Load at -3.74  
TC: 90 lb Conc. Load at 1.54  
TC: 41 lb Conc. Load at 3.38  
TC: 69 lb Conc. Load at 5.56  
TC: 224 lb Conc. Load at 6.53  
BC: 57 lb Conc. Load at 1.54  
BC: 25 lb Conc. Load at 3.38  
BC: 43 lb Conc. Load at 5.56  
BC: 142 lb Conc. Load at 6.53

**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.

**Plating Notes**  
All plates are 3X4 except as noted.

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

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


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**PLATING NOTES #98829**  
All plates are 3X4 except as noted.

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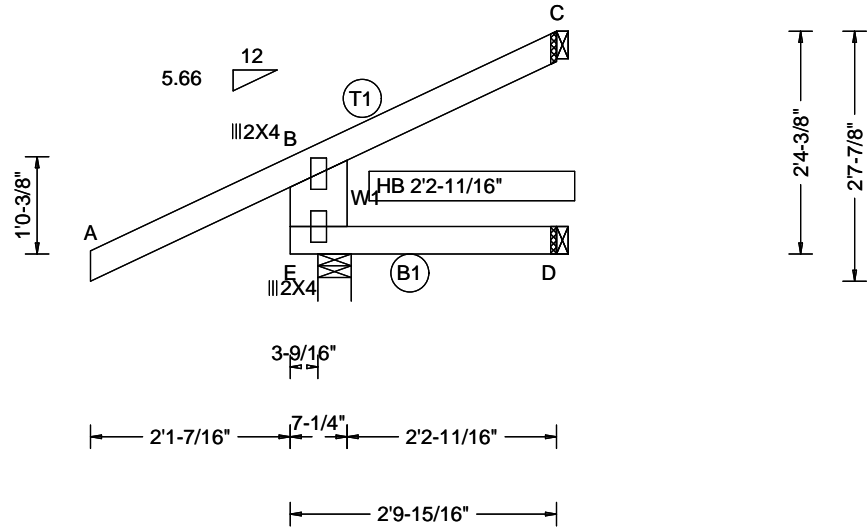
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<b>Truss Label:</b> <b>CJ3</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 15.4 lbs	<b>SEQN:</b> 29995 / T179 / HIP_ <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> 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: 0.290 Max BC CSI: 0.017 Max Web CSI: 0.006 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 167 /- /- /- /49 /- D 9 /- /- /6 /- /- C - /-10 /- /0 /- /- 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. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 40 -12 B - C 10 -29
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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: 2-0-0 span/setback member on the 0-2-8 cant side requires 19 lbs and the 2-0-0 span/setback member on the 0-2-8 cant side requires 19 lbs.  
Sub-fascia beam assumptions: 3-6-0 sub-fascia beam on the 0-2-8 cantilever side. 3-6-0 sub-fascia beam on the 0-2-8 cantilever side.  
Hipjack supports 2-0-0 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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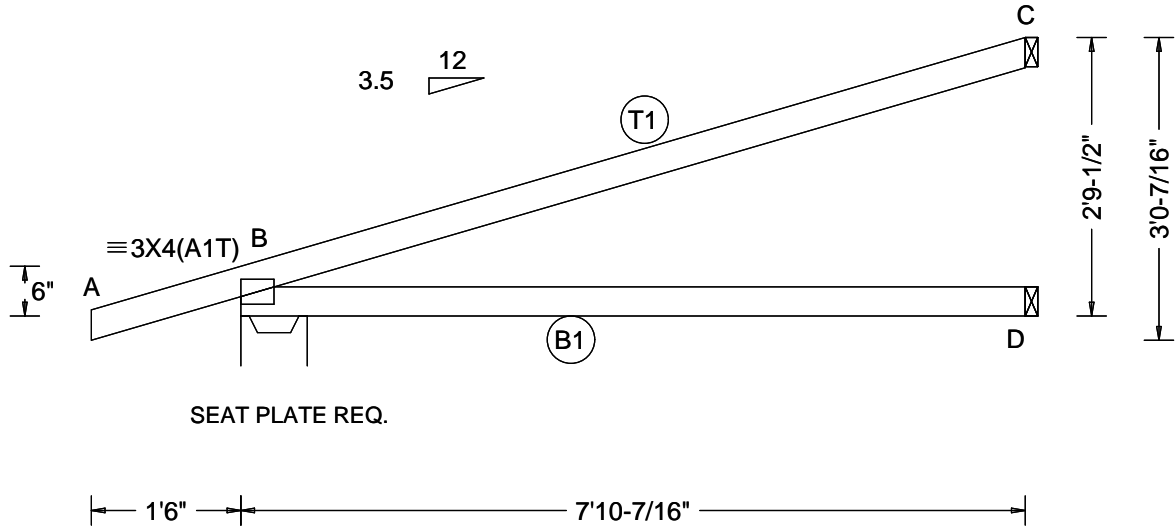
**Maximum Bot Chord Forces Per Ply (lbs)**  
Chords Tens.Comp.  
E - D 0 0

**Maximum Web Forces Per Ply (lbs)**  
Webs Tens.Comp.  
B - E 52 -162

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<b>Truss Label:</b> <b>J8</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 25.2 lbs	<b>SEQN:</b> 30073 / T185 / EJAC <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): NA VERT(TL): NA HORZ(LL): 0.015 B - - HORZ(TL): 0.029 B - - Creep Factor: 2.0 Max TC CSI: 0.551 Max BC CSI: 0.623 Max Web CSI: 0.000 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 426 /- /- /193 /80 /94 D 142 /- /- /76 /- /- C 224 /- /- /93 /100 /- Wind reactions based on MWFRS B Brg Wid = 8.0 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Bearing B requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 26 0 B - C 63 -125  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. B - D 0 0
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**Lumber**  
Top chord: 2x4 SP 2400f-2.0E;  
Bot chord: 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**  
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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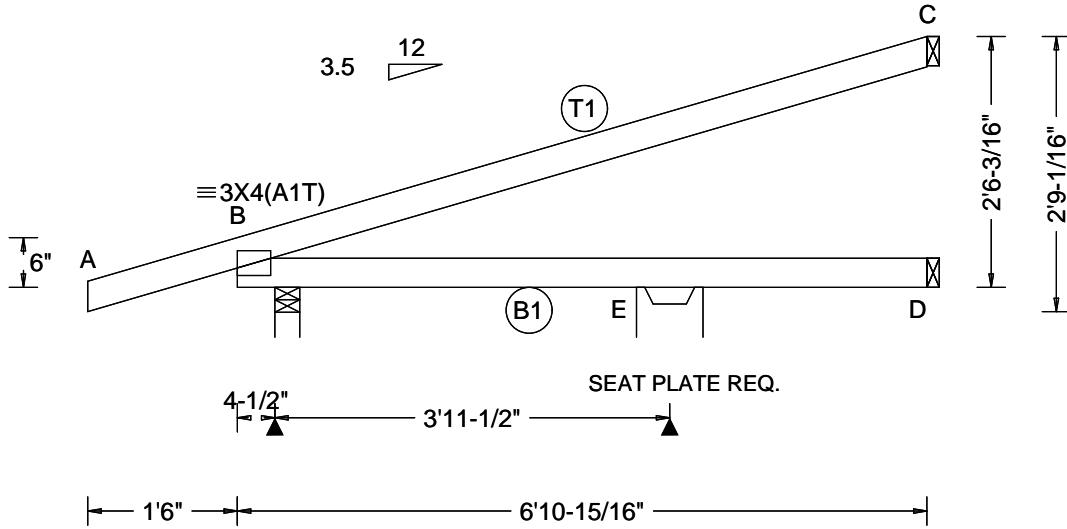
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<b>Truss Label:</b> <b>J7</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 22.4 lbs	<b>SEQN:</b> 30350 / T7 / JACK <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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/2 to h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): NA VERT(TL): NA HORZ(LL): 0.003 C - - HORZ(TL): 0.006 C - - Creep Factor: 2.0 Max TC CSI: 0.758 Max BC CSI: 0.292 Max Web CSI: 0.000 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 383 /- /- /149 /105 /83 E 155 /- /- /91 /- /- D 32 /- /- /18 /- /- C 188 /- /- /74 /92 /-  Wind reactions based on MWFRS B Brg Wid = 3.0 Min Req = 1.5 (Truss) E Brg Wid = 8.0 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearings B & E are a rigid surface. Bearing E requires a seat plate.
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**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;

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

**Wind**  
Left cantilever is exposed to wind  
Wind loading based on both gable and hip roof types.

**Additional Notes**  
Shim all supports to solid bearing.  
Top Chord overhang(s) may be field trimmed.  
Provide (2) 16d toe-nails at top chord.  
Provide (2) 16d toe-nails at bottom chord.

**Maximum Top Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	22	0	
B - C		54	-105


**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.
B - D	0

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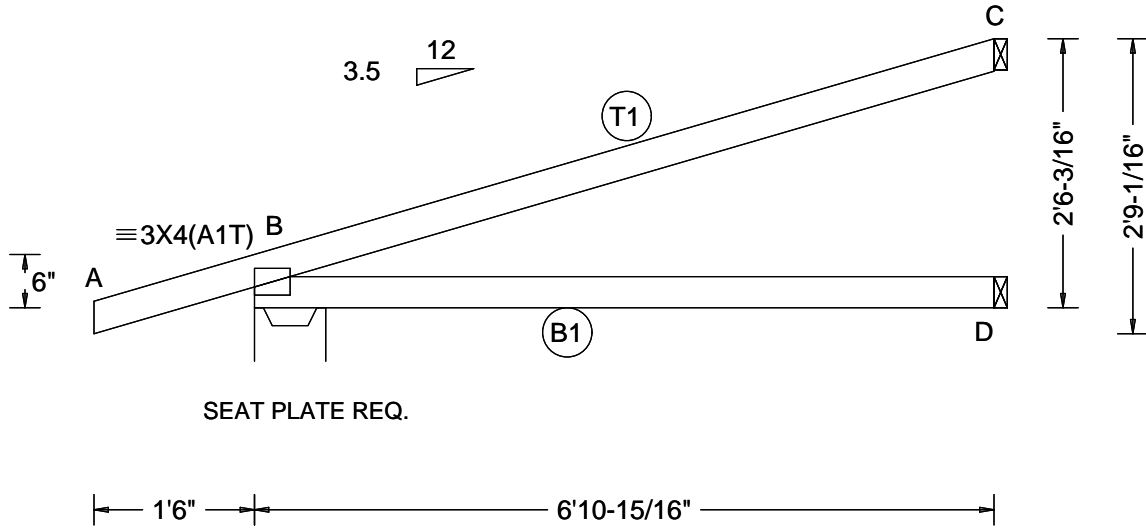
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<b>Truss Label:</b> <b>J7A</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 22.4 lbs	<b>SEQN:</b> 30351 / T12 / JACK <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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/2 to h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): NA VERT(TL): NA HORZ(LL): 0.012 B - - HORZ(TL): 0.024 B - - Creep Factor: 2.0 Max TC CSI: 0.754 Max BC CSI: 0.503 Max Web CSI: 0.000 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 389 /- /- /173 /76 /84 D 127 /- /- /70 /- /- C 191 /- /- /79 /86 /- Wind reactions based on MWFRS B Brg Wid = 8.0 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Bearing B requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 26 0 B - C 53 -90  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. B - D 0 0
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**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 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**  
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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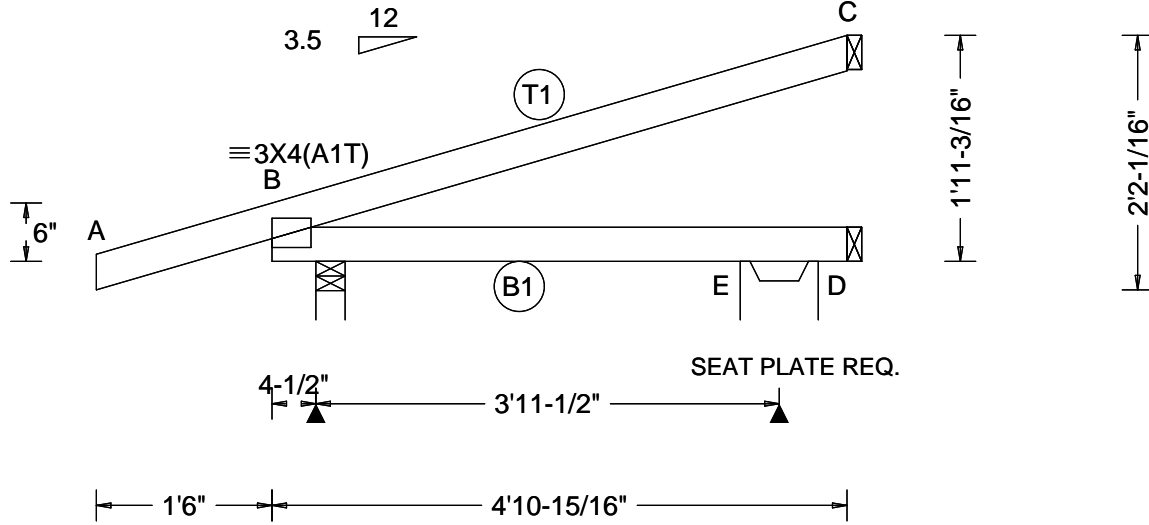
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<b>Truss Label:</b> <b>J5</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 16.8 lbs	<b>SEQN:</b> 30352 / T9 / JACK <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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 4.50 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): NA VERT(TL): NA HORZ(LL): -0.005 C - - HORZ(TL): 0.006 C - - Creep Factor: 2.0 Max TC CSI: 0.423 Max BC CSI: 0.181 Max Web CSI: 0.000 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 335 /- /- /131 /98 /63 E 160 /- /- /99 /- /- D 7 /-59 /- /- /43 /- C 136 /- /- /55 /64 /- Wind reactions based on MWFRS B Brg Wid = 3.0 Min Req = 1.5 (Truss) E Brg Wid = 8.0 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearings B & E are a rigid surface. Bearing E requires a seat plate.
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**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;

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

**Wind**  
Left cantilever is exposed to wind  
Wind loading based on both gable and hip roof types.

**Additional Notes**  
Shim all supports to solid bearing.  
Top Chord overhang(s) may be field trimmed.  
Provide (2) 16d toe-nails at top chord.  
Provide (2) 16d toe-nails at bottom chord.

<b>Maximum Top Chord Forces Per Ply (lbs)</b>					
Chords	Tens.Comp.	Chords	Tens. Comp.		
A - B	22	0	B - C	40	-82
<b>Maximum Bot Chord Forces Per Ply (lbs)</b>					
Chords	Tens.Comp.				
B - D	0	0			


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P.E.  
#98829

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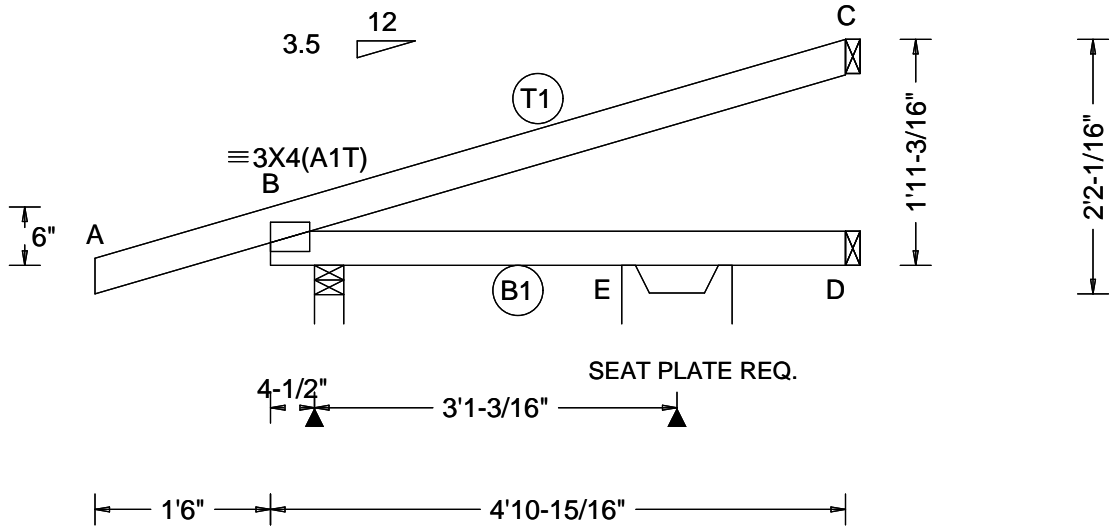
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SEBRING, FL 33870  
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<b>Truss Label:</b> <b>J5A</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 16.8 lbs	<b>SEQN:</b> 30353 / T15 / JACK <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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 4.50 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): NA VERT(TL): NA HORZ(LL): -0.004 C - - HORZ(TL): 0.006 C - - Creep Factor: 2.0 Max TC CSI: 0.426 Max BC CSI: 0.183 Max Web CSI: 0.000 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL B 335 /- /- /126 /105 /63 E 98 /- /- /62 /- /- D 20 /- /- /9 /4 /- C 136 /- /- /54 /64 /-  Wind reactions based on MWFRS B Brg Wid = 3.0 Min Req = 1.5 (Truss) E Brg Wid = 11.3 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearings B & E are a rigid surface. Bearing E requires a seat plate.
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<b>Lumber</b> Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2;	<b>Purlins</b> In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc	<b>Wind</b> Left cantilever is exposed to wind Wind loading based on both gable and hip roof types.	<b>Additional Notes</b> Shim all supports to solid bearing. Top Chord overhang(s) may be field trimmed. Provide (2) 16d toe-nails at top chord. Provide (2) 16d toe-nails at bottom chord.	<b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 22 0 B - C 39 -82  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. B - D 0 0
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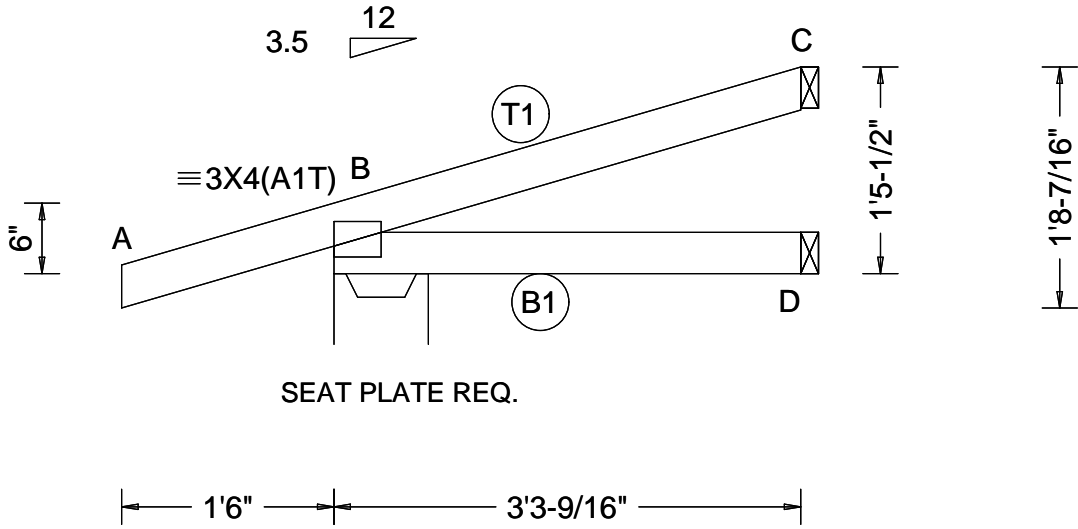
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<b>Truss Label:</b> <b>J3B</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 14.0 lbs	<b>SEQN:</b> 29957 / T174 / JACK <b>DESIGNER:</b> CLG 10/24/2025
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SEAT PLATE REQ.

<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by Mfg FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): NA VERT(TL): NA HORZ(LL): 0.001 B - - HORZ(TL): 0.003 B - - Creep Factor: 2.0 Max TC CSI: 0.267 Max BC CSI: 0.090 Max Ab CSI: 0.000 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>304</td> <td>/-</td> <td>/-</td> <td>/101</td> <td>/76</td> <td>/46</td> </tr> <tr> <td>D</td> <td>57</td> <td>/-</td> <td>/-</td> <td>/33</td> <td>/-</td> <td>/-</td> </tr> <tr> <td>C</td> <td>90</td> <td>/-</td> <td>/-</td> <td>/39</td> <td>/37</td> <td>/-</td> </tr> </tbody> </table>	Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	304	/-	/-	/101	/76	/46	D	57	/-	/-	/33	/-	/-	C	90	/-	/-	/39	/37	/-
				Loc		Gravity			Non-Gravity																													
R+	/R-	/Rh	/Rw		/U	/RL																																
B	304	/-	/-	/101	/76	/46																																
D	57	/-	/-	/33	/-	/-																																
C	90	/-	/-	/39	/37	/-																																
<b>Wind reactions based on MWFRS</b> B Brg Wid = 8.0 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. Bearing B requires a seat plate.				<b>Maximum Top Chord Forces Per Ply (lbs)</b> <table border="1"> <thead> <tr> <th rowspan="2">Chords</th> <th colspan="2">Tens.Comp.</th> <th rowspan="2">Chords</th> <th colspan="2">Tens. Comp.</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>A - B</td> <td>34</td> <td>-6</td> <td>B - C</td> <td>25</td> <td>-58</td> </tr> </tbody> </table>	Chords	Tens.Comp.		Chords	Tens. Comp.						A - B	34	-6	B - C	25	-58																		
Chords	Tens.Comp.		Chords	Tens. Comp.																																		
A - B	34	-6	B - C	25	-58																																	

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

**Special Loads**  
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)  
TC: From 61 plf at -1.50 to 61 plf at 3.30  
BC: From 20 plf at 0.00 to 20 plf at 3.30  
TC: 31 lb Conc. Load at -1.50

**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.

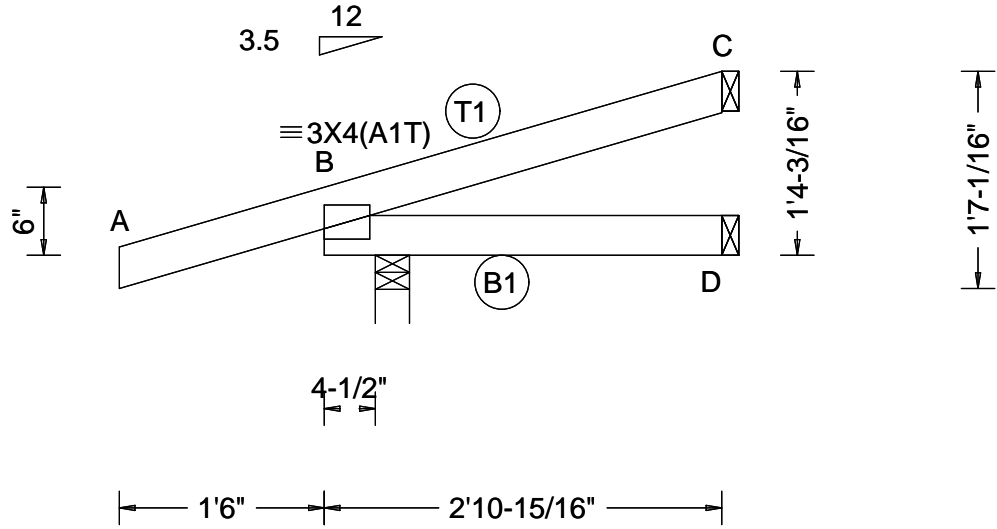
**Additional Notes**  
Top Chord overhang(s) may be field trimmed.  
Provide (2) 16d toe-nails at top chord.  
Provide (2) 16d toe-nails at bottom chord.

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P.E.  
#98829

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<b>Truss Label:</b> <b>J3</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 2 <b>Wgt:</b> 11.2 lbs	<b>SEQN:</b> 30355 / T10 / JACK <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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 4.50 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): NA VERT(TL): NA HORZ(LL): -0.005 C - - HORZ(TL): 0.007 C - - Creep Factor: 2.0 Max TC CSI: 0.277 Max BC CSI: 0.216 Max Web CSI: 0.000 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL B 281 /- /- /105 /95 /42 D 33 /-14 /- /30 /- /- C 82 /- /- /35 /34 /- Wind reactions based on MWFRS B Brg Wid = 3.0 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 22 0 B - C 24 -45  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. B - D 203 -42
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**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;

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

**Wind**  
Left cantilever is exposed to wind  
Wind loading based on both gable and hip roof types.

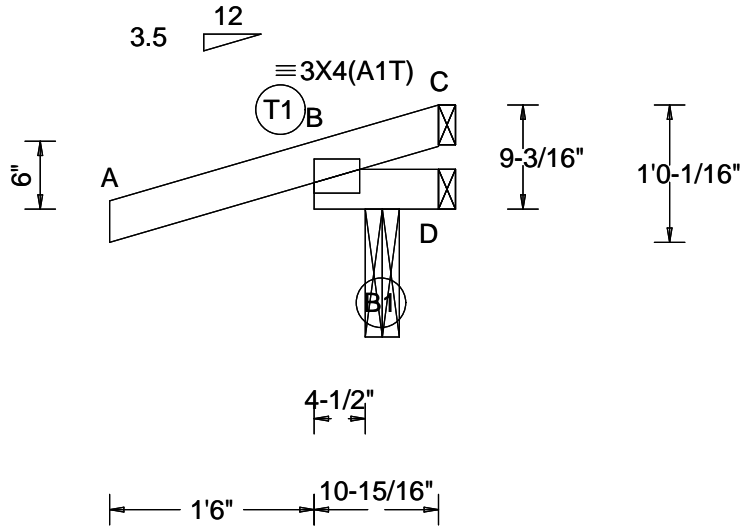
**Additional Notes**  
Top Chord overhang(s) may be field trimmed.  
Provide (2) 16d toe-nails at top chord.  
Provide (2) 16d toe-nails at bottom chord.

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<b>Truss Label:</b> <b>J1</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 2 <b>Wgt:</b> 5.6 lbs	<b>SEQN:</b> 30079 / T11 / JACK <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 125 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): NA VERT(TL): NA HORZ(LL): -0.004 C - - HORZ(TL): 0.007 C - - Creep Factor: 2.0 Max TC CSI: 0.213 Max BC CSI: 0.266 Max Web CSI: 0.000 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL B 450 /- /- /132 /207 /25 D - /-240 /- /116 /65 /- C 26 /-45 /- /36 /15 /- Wind reactions based on MWFRS B Brg Wid = 3.0 Min Req = 1.5 (Truss) D Brg Wid = 1.5 Min Req = - C Brg Wid = 1.5 Min Req = - Bearing B is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 22 0 B - C 36 -34  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. B - D 161 -39
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**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;

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

**Wind**  
Left cantilever is exposed to wind  
Wind loading based on both gable and hip roof types.

**Additional Notes**  
Negative reaction(s) of -240# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.  
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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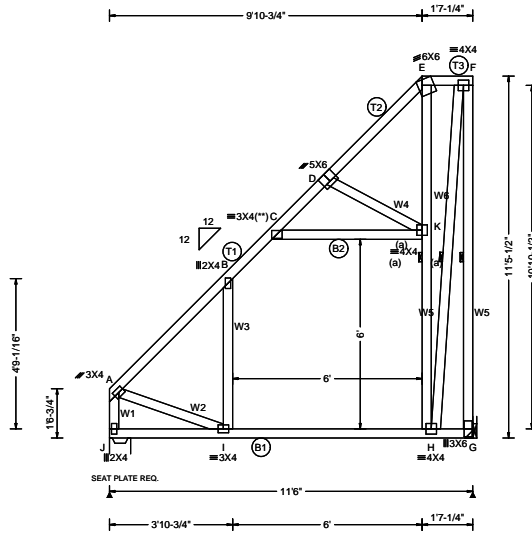
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<b>Truss Label:</b> <b>M5</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 119.0 lbs	<b>SEQN:</b> 30689 / T38 / HIPM <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 16.51 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by Mfg FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.200 C 691 360 VERT(TL): 0.546 B 252 240 HORZ(LL): 0.263 C - - HORZ(TL): 0.722 B - - Creep Factor: 2.0 Max TC CSI: 0.443 Max BC CSI: 0.780 Max Web CSI: 0.861 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL J 588 -/ - /281 -/ /259 G 628 -/ - /454 /180 -/ Wind reactions based on MWFRS J Brg Wid = 8.0 Min Req = 1.5 (Truss) G Brg Wid = - Min Req = - Bearing J is a rigid surface. Bearing J requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 45 -412 D - E 39 -144 B - C 0 -301 E - F 109 -141 C - D 0 -285
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**Lumber**  
Top chord: 2x4 SP 2400f-2.0E;  
Bot chord: 2x4 SP 2400f-2.0E;  
Webs: 2x4 SP #2;

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

**Loading**  
Mechanical Unit Loads Supported by this Truss

At	Truss	Unit	Unit	Supporting
X-Loc	Piece	Lbs.	Width	Trusses
6.90	BC	200.0	2.00	2

**Purlins**  
In lieu of structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 19" oc, all BC @ 24" oc.

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


**Additional Notes**  
Provide hanger or special connection at right end of truss for 628 lbs.

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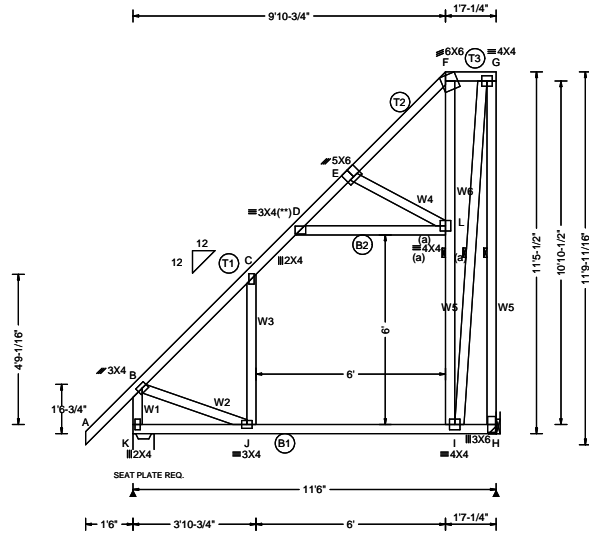
**Maximum Bot Chord Forces Per Ply (lbs)**  
Chords Tens.Comp. Chords Tens. Comp.  
J - I 231 -543 H - G 0 0  
I - H 186 -157

**Maximum Web Forces Per Ply (lbs)**  
Webs Tens.Comp. Webs Tens. Comp.  
A - J 0 -446 E - K 427 -329  
A - I 416 -118 K - H 548 -420  
I - B 226 -115 H - F 1167 -891  
C - K 94 -127 F - G 773 -1037  
D - K 252 -199

**\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!**  
**\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS**  
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCEA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.  
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.  
For more information see this job's general notes page and these web sites: ALPINE: [www.alpineitw.com](http://www.alpineitw.com); TPI: [www.tpinst.org](http://www.tpinst.org); SBCEA: [www.sbceaindust.com](http://www.sbceaindust.com); ICC: [www.iccsafe.org](http://www.iccsafe.org)

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

<b>Truss Label:</b> <b>M4</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 2 <b>Wgt:</b> 121.8 lbs	<b>SEQN:</b> 30680 / T21 / HIPM <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> TCLL: 20.00 TCDL: 10.00 BCDL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	<b>Wind Criteria</b> 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: > 2h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 9.00 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by Mfg FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.200 D 691 360 VERT(TL): 0.522 C 264 240 HORZ(LL): 0.263 D - - HORZ(TL): 0.689 C - - Creep Factor: 2.0 Max TC CSI: 0.425 Max BC CSI: 0.766 Max AB CSI: 0.829 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL K 697 /- /- /313 /- /286 H 621 /- /- /451 /177 /- Wind reactions based on MWFRS K Brg Wid = 8.0 Min Req = 1.5 (Truss) H Brg Wid = - Min Req = - Bearing K is a rigid surface. Bearing K requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 72 0 D - E 0 -288 B - C 48 -417 E - F 39 -146 C - D 0 -298 F - G 107 -137
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**Lumber**  
Top chord: 2x4 SP 2400f-2.0E;  
Bot chord: 2x4 SP 2400f-2.0E;  
Webs: 2x4 SP #2;

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

**Loading**  
Mechanical Unit Loads Supported by this Truss

At X-Loc	Truss Piece	Unit Lbs.	Unit Width	Supporting Trusses
6.90	BC	200.0	2.00	2

**Purlins**  
In lieu of structural panels or rigid ceiling provide lateral bracing to brace all flat TC @ 19" oc, all BC @ 24" oc.

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

**Additional Notes**  
Top Chord overhang(s) may be field trimmed.  
Provide hanger or special connection at right end of truss for 621 lbs.


**Maximum Bot Chord Forces Per Ply (lbs)**  
Chords Tens.Comp. Chords Tens. Comp.  
K - J 210 -640 I - H 0 0  
J - I 181 -155

**Maximum Web Forces Per Ply (lbs)**  
Webs Tens.Comp. Webs Tens. Comp.  
B - K 0 -562 F - L 421 -320  
B - J 514 -99 L - I 544 -413  
J - C 198 -149 I - G 1140 -877  
D - L 112 -134 G - H 761 -1016  
E - L 258 -205

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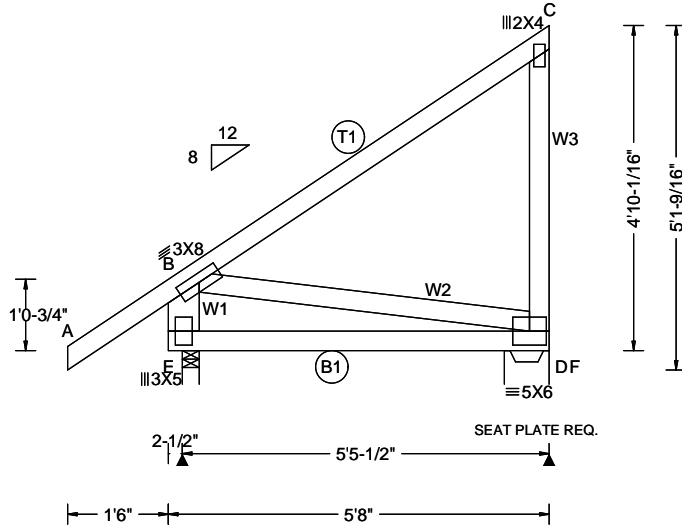
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<b>Truss Label:</b> <b>B14</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 4 <b>Wgt:</b> 37.1 lbs	<b>SEQN:</b> 30192 / T152 / MONO <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.001 C 999 360 VERT(TL): 0.001 C 999 240 HORZ(LL): 0.002 C - - HORZ(TL): 0.005 C - - Creep Factor: 2.0 Max TC CSI: 0.550 Max BC CSI: 0.342 Max Web CSI: 0.120 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 347 /- /- /156 /- /116 F 238 /- /- /193 /57 /- Wind reactions based on MWFRS E Brg Wid = 3.0 Min Req = 1.5 (Truss) F Brg Wid = 8.0 Min Req = 1.5 (Truss) Bearings E & F are a rigid surface. Bearing F requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 53 0 B - C 89 -189  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. E - D 201 -477  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - E 240 -285 C - D 238 -160 B - D 481 -203
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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 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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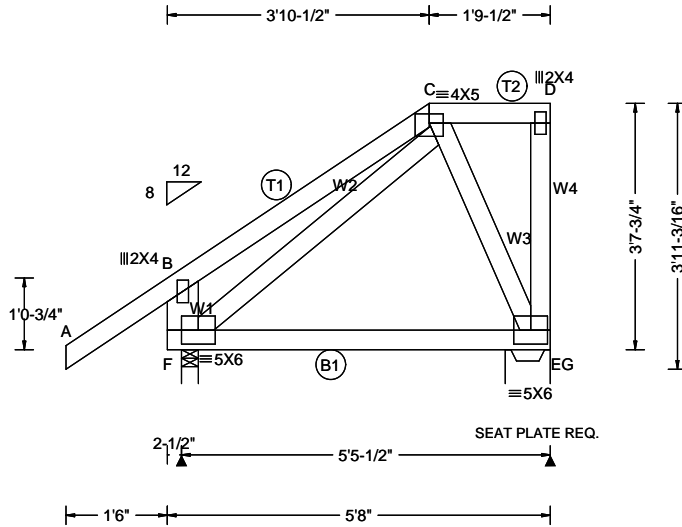
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<b>Truss Label:</b> <b>B15</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 41.3 lbs	<b>SEQN:</b> 30190 / T154 / COMN <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> 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 B - - HORZ(TL): 0.002 B - - Creep Factor: 2.0 Max TC CSI: 0.251 Max BC CSI: 0.295 Max Web CSI: 0.083 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL F 347 /- /- /156 /9 /85 G 238 /- /- /152 /53 /- Wind reactions based on MWFRS F Brg Wid = 3.0 Min Req = 1.5 (Truss) G Brg Wid = 8.0 Min Req = 1.5 (Truss) Bearings F & G are a rigid surface. Bearing G requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 53 0 C - D 0 -7 B - C 242 -196  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. F - E 72 -118  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - F 442 -286 C - E 251 -143 F - C 75 -207 D - E 107 -58
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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 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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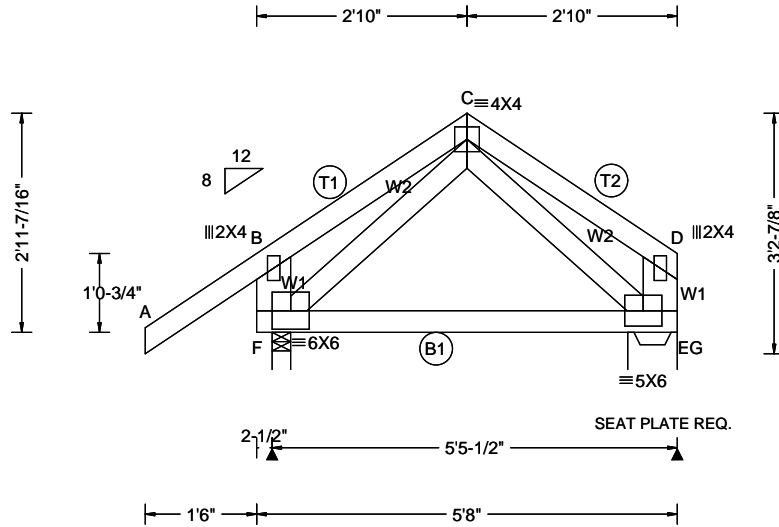
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<b>Truss Label:</b> <b>B16</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 37.8 lbs	<b>SEQN:</b> 30188 / T143 / COMN <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> 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 B - - - Creep Factor: 2.0 Max TC CSI: 0.250 Max BC CSI: 0.262 Max Web CSI: 0.067 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Loc R+ / R- / Rh / Rw / U / RL Non-Gravity F 347 /- /- /158 /30 /70 G 238 /- /- /130 /1 /- Wind reactions based on MWFRS F Brg Wid = 3.0 Min Req = 1.5 (Truss) G Brg Wid = 8.0 Min Req = 1.5 (Truss) Bearings F & G are a rigid surface. Bearing G requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 53 0 C - D 134 -132 B - C 192 -132
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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 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.  
F - E 109 -38

**Maximum Web Forces Per Ply (lbs)**  
Webs Tens.Comp. Webs Tens. Comp.  
B - F 391 -234 C - E 54 -59  
F - C 41 -82 D - E 181 -141

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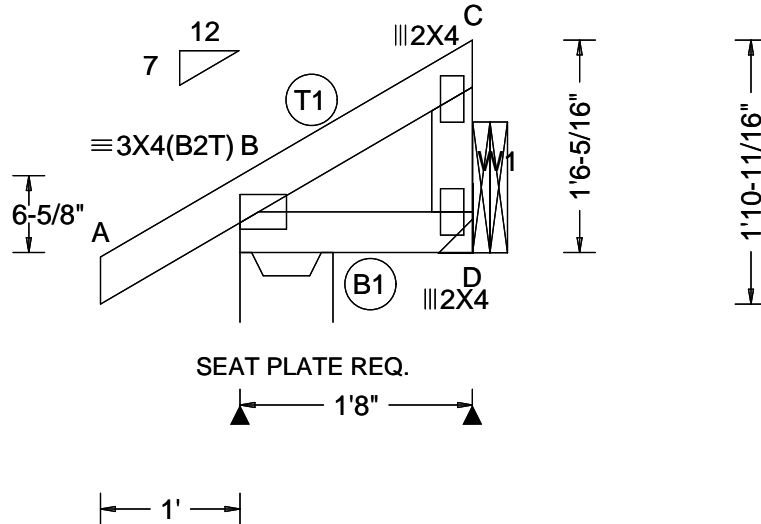
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3670 COMMERCE CENTER DRIVE  
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(863)385-8242

<b>Truss Label:</b> <b>M1</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 6 <b>Wgt:</b> 9.8 lbs	<b>SEQN:</b> 30037 / T26 / MONO <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): NA VERT(TL): NA HORZ(LL): -0.000 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.106 Max BC CSI: 0.021 Max Web CSI: 0.014 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL										
				<table border="1"> <tr> <td>B</td> <td>158</td> <td>/-</td> <td>/-</td> <td>/62</td> <td>/23</td> <td>/50</td> </tr> <tr> <td>D</td> <td>66</td> <td>/-</td> <td>/-</td> <td>/49</td> <td>/18</td> <td>/-</td> </tr> </table> Wind reactions based on MWFRS B Brg Wid = 8.0 Min Req = 1.5 (Truss) D Brg Wid = - Min Req = - Bearing B is a rigid surface. Bearing B requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp.	B	158	/-	/-	/62	/23	/50	D	66	/-
B	158	/-	/-	/62	/23	/50								
D	66	/-	/-	/49	/18	/-								

**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**

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

**Additional Notes**

Top Chord overhang(s) may be field trimmed.  
Provide hanger or special connection at right end of truss for 66 lbs.

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

B - D	2	-1
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**Maximum Web Forces Per Ply (lbs)**  
Webs Tens.Comp.

C - D	69	-49
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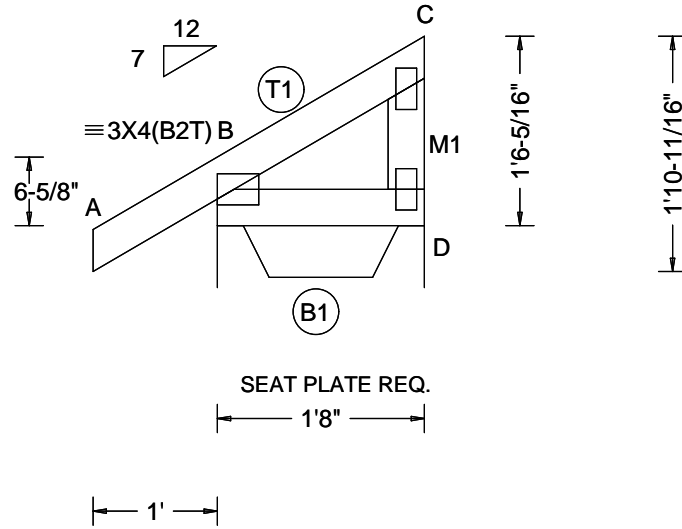
**\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!**  
**\*\*IMPORTANT\*\* FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS**  
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<b>Truss Label:</b> <b>GE1</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 2 <b>Wgt:</b> 9.8 lbs	<b>SEQN:</b> 30039 / T31 / GABL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): NA VERT(TL): NA HORZ(LL): -0.000 C - - HORZ(TL): 0.001 C - - Creep Factor: 2.0 Max TC CSI: 0.103 Max BC CSI: 0.021 Max Web CSI: 0.027 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or *=PLF</b> Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL D* 121 /- /- /58 /24 /40 Wind reactions based on MWFRS D Brg Wid = 20.0 Min Req = - Bearing B is a rigid surface. Bearing B requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 32 -3 B - C 23 -65  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. B - D 149 -9  <b>Maximum Gable Forces Per Ply (lbs)</b> Gables Tens.Comp. C - D 77 -49
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**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 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**  
Right end vertical exposed to wind pressure.  
Deflection meets L/360.  
Wind loading based on both gable and hip roof types.

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

## PLATING NOTES

All plates are 2X4 except as noted.

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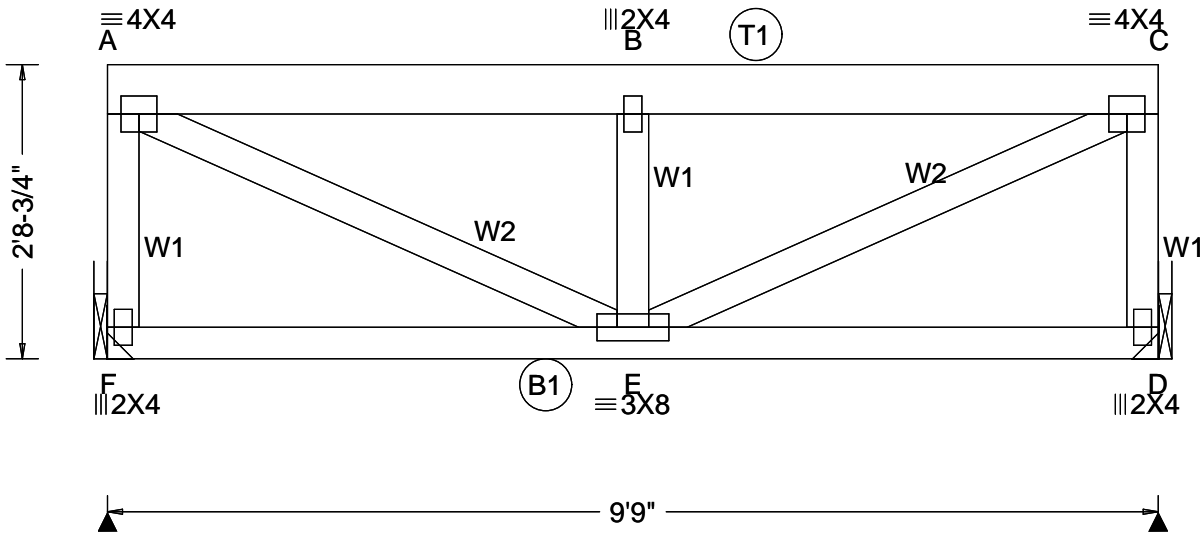
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<b>Truss Label:</b> <b>FTG1</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 57.4 lbs	<b>SEQN:</b> 30347 / T4 / FLAT <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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: NA ft Loc. from endwall: NA GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.011 B 999 360 VERT(TL): 0.022 B 999 240 HORZ(LL): 0.001 A - - HORZ(TL): 0.003 A - - Creep Factor: 2.0 Max TC CSI: 0.159 Max BC CSI: 0.067 Max Web CSI: 0.140 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL F 461 /- /- /- /76 /- D 461 /- /- /- /76 /- Wind reactions based on MWFRS F Brg Wid = - Min Req = - D Brg Wid = - Min Req = - <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 93 -566 B - C 93 -566  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. F - E 6 0 E - D 6 0  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. A - F 101 -414 E - C 621 -103 A - E 621 -103 C - D 101 -414 B - E 171 -414
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**Lumber**  
Top chord: 2x6 SP #2;  
Bot chord: 2x4 SP 2400f-2.0E;  
Webs: 2x4 SP #2;

**Loading**  
Girder supports 2-6-0 span to TC/BC split one face and 2-0-0 span to TC/BC split opposite face.

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

**Wind**  
End verticals not exposed to wind pressure.


**Additional Notes**  
Truss must be installed as shown with top chord up.  
Provide hanger or special connection at right end of truss for 461 lbs.  
Provide hanger or special connection at left end of truss for 461 lbs.

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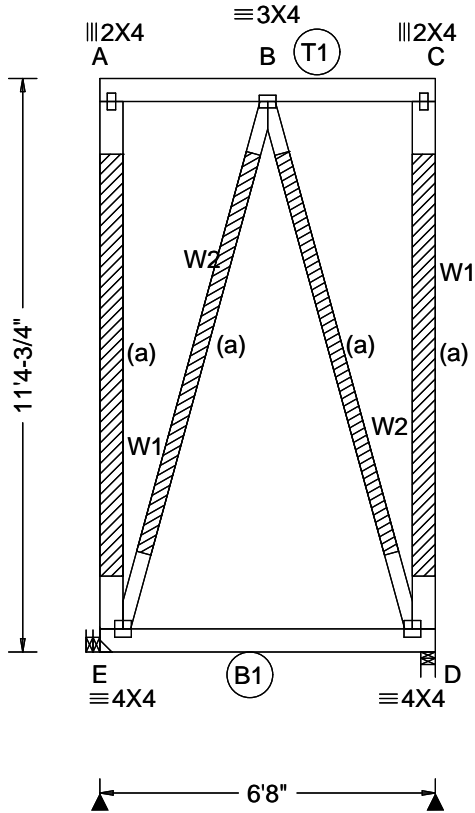
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<b>Loading Criteria (psf)</b> TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 21.40 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: NA ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.001 B 999 360 VERT(TL): 0.001 B 999 240 HORZ(LL): 0.000 D - - HORZ(TL): 0.000 D - - Creep Factor: 2.0 Max TC CSI: 0.037 Max BC CSI: 0.922 Max Web CSI: 0.036 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 937 /- /- /- /269 /- D 1199 /- /- /- /344 /- Wind reactions based on MWFRS E Brg Wid = - Min Req = - D Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearing D is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 0 0 B - C 0 0
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<b>Lumber</b> Top chord: 2x6 SP #2; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x6 SP #2; W2 2x4 SP #2;	<b>Wind</b> End verticals not exposed to wind pressure.	<b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. E - D 18 -10  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. A - E 22 -40 B - D 36 -63 E - B 36 -63 C - D 22 -40
<b>Bracing</b> (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.		
<b>Special Loads</b> ----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) TC: From 30 plf at 0.00 to 30 plf at 6.67 BC: From 10 plf at 0.00 to 10 plf at 6.67 BC: 621 lb Conc. Load at 1.79, 3.79 BC: 628 lb Conc. Load at 5.79		
<b>EDDIE JESUS MEJIA-MEDINA</b> P.E. #98829		
<b>Purlins</b> In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc		

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**FTG3**

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

Ply: 1  
Qty: 1  
Wgt: 113.4 lbs

SEQN: 30163 / T14 / FLAT  
DESIGNER: CLG  
10/24/2025 Page 2 of 2

**Additional Notes**

Truss must be installed as shown with top chord up.  
Provide hanger or special connection at left end of truss for 937 lbs.

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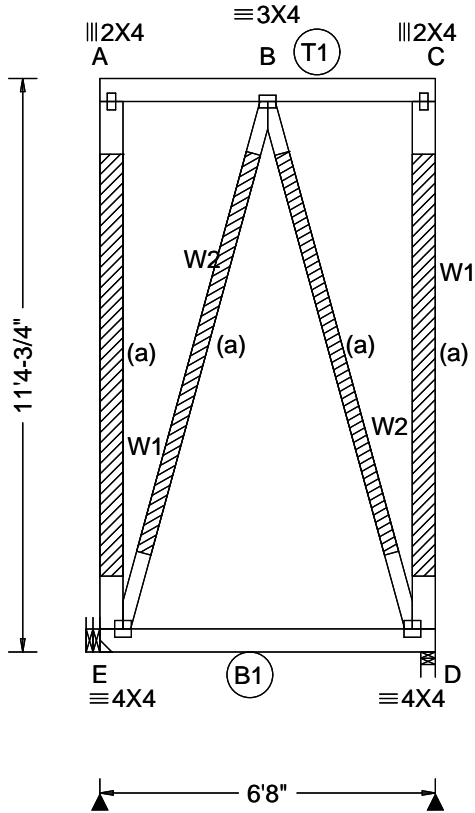
**\*\*WARNING\*\*** READ AND FOLLOW ALL NOTES ON THIS DRAWING!  
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<b>Loading Criteria</b> (psf) TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0"	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 21.40 ft TCDL: 4.0 psf BCDL: 6.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: NA ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria</b> (Pg,Pf in PSF) Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.001 B 999 360 VERT(TL): 0.001 B 999 240 HORZ(LL): 0.000 D - - HORZ(TL): 0.000 D - - Creep Factor: 2.0 Max TC CSI: 0.037 Max BC CSI: 0.652 Max Web CSI: 0.036 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E 695 /- /- /- /267 /- D 874 /- /- /- /340 /- Wind reactions based on MWFRS E Brg Wid = - Min Req = - D Brg Wid = 3.5 Min Req = 1.5 (Truss) Bearing D is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 0 0 B - C 0 0
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<b>Lumber</b> Top chord: 2x6 SP #2; Bot chord: 2x6 SP 2400f-2.0E; Webs: 2x6 SP #2; W2 2x4 SP #2;	<b>Wind</b> End verticals not exposed to wind pressure.	<b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. E - D 18 -10  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. A - E 22 -40 B - D 36 -63 E - B 36 -63 C - D 22 -40
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**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.

**Special Loads**  
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)  
TC: From 30 plf at 0.00 to 30 plf at 6.67  
BC: From 10 plf at 0.00 to 10 plf at 6.67  
BC: 434 lb Conc. Load at 1.79, 3.79, 5.79


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

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**\*\*WARNING\*\* READ AND FOLLOW ALL NOTES ON THIS DRAWING!**  
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**FTG2**

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

Ply: 1  
Qty: 1  
Wgt: 113.4 lbs

SEQN: 30160 / T13 / FLAT  
DESIGNER: CLG  
10/24/2025 Page 2 of 2

**Additional Notes**

Truss must be installed as shown with top chord up.  
Provide hanger or special connection at left end of truss for 695 lbs.

EDDIE JESUS MEJIA-MEDINA  
P.E.  
#98829

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

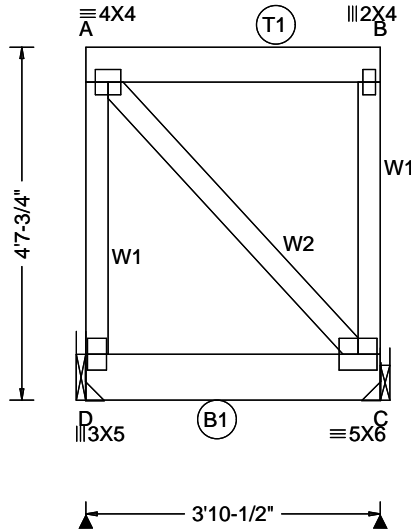
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3670 COMMERCE CENTER DRIVE  
SEBRING, FL 33870  
(863)385-8242

<b>Truss Label:</b> <b>FTG4</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 37.8 lbs	<b>SEQN:</b> 29953 / T41 / FLAT <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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: NA ft Loc. from endwall: not in 21.00 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by Use FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.001 B 999 360 VERT(TL): 0.001 B 999 240 HORZ(LL): -0.001 B - - HORZ(TL): 0.001 A - - Creep Factor: 2.0 Max TC CSI: 0.051 Max BC CSI: 0.540 Max Web CSI: 0.031 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL D 1258 /- /- /- /82 /- C 1258 /- /- /- /82 /- Wind reactions based on MWFRS D Brg Wid = - Min Req = - C Brg Wid = - Min Req = - <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. A - B 0 0  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. D - C 0 0  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. A - D 49 -116 B - C 49 -116 A - C 0 0
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**Lumber**  
Top chord: 2x6 SP 2400f-2.0E;  
Bot chord: 2x8 SP 2400f-2.0E;  
Webs: 2x4 SP #2;

**Special Loads**  
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)  
TC: From 60 plf at 0.00 to 60 plf at 3.88  
BC: From 20 plf at 0.00 to 20 plf at 3.88  
BC: 2206 lb Conc. Load at 1.94

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

**Wind**  
End verticals not exposed to wind pressure.


**Additional Notes**  
Truss must be installed as shown with top chord up.  
Provide hanger or special connection at right end of truss for 1258 lbs.  
Provide hanger or special connection at left end of truss for 1258 lbs.

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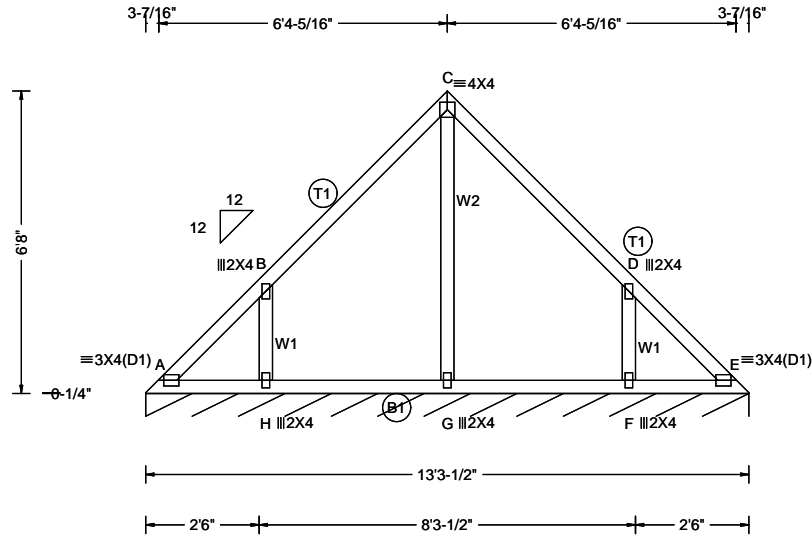
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**SCOSTA CORPORATION**  
 WOOD, STEEL OR TIMBER  
 ROOF OR FLOOR TRUSSES  
 3670 COMMERCE CENTER DRIVE  
 SEBRING, FL 33870  
 (863)385-8242

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

<b>Truss Label:</b> <b>V18</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 61.6 lbs	<b>SEQN:</b> 30302 / T193 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 17.16 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> 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 A - - HORZ(TL): 0.004 B - - Creep Factor: 2.0 Max TC CSI: 0.232 Max BC CSI: 0.114 Max Web CSI: 0.116 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * =PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 88 /- /- /50 /13 /15 Wind reactions based on MWFRS E Brg Wid = 159 Min Req = - Bearing A is a rigid surface.  <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 121 -147 C - D 148 -159 B - C 155 -159 D - E 177 -202  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - H 122 -77 G - F 138 -86 H - G 138 -86 F - E 126 -89  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - H 346 -282 F - D 346 -282 C - G 11 -169
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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.

**EDDIE JESUS MEJIA-MEDINA**  
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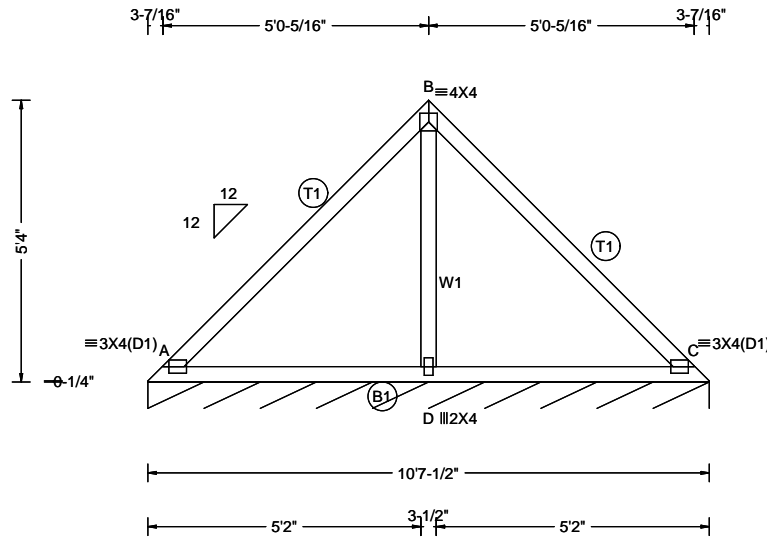
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<b>Truss Label:</b> <b>V17</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 46.2 lbs	<b>SEQN:</b> 30303 / T188 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 21.80 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.013 C 999 360 VERT(TL): 0.026 C 999 240 HORIZ(LL): -0.009 C - - HORIZ(TL): 0.020 C - - Creep Factor: 2.0 Max TC CSI: 0.487 Max BC CSI: 0.370 Max Web CSI: 0.249 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * =PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 88 /- /- /50 /18 /15 Wind reactions based on MWFRS C Brg Wid = 127 Min Req = - Bearing A is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 311 -228 B - C 311 -231  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - D 331 -160 D - C 331 -160  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. B - D 481 -587
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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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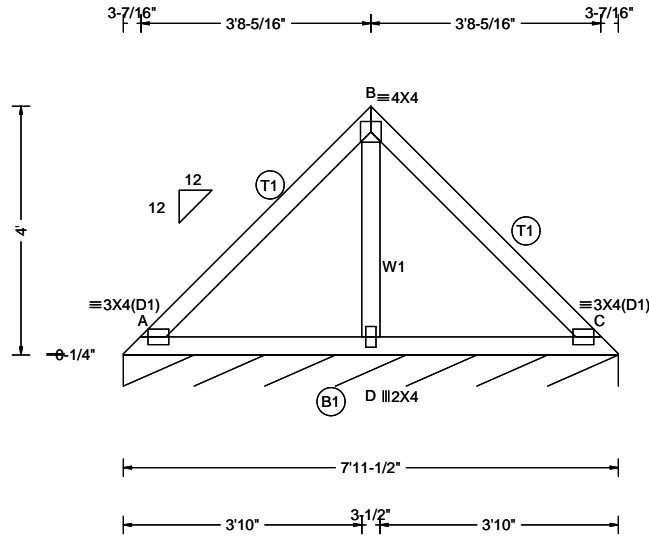
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<b>Truss Label:</b> <b>V16</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 33.6 lbs	<b>SEQN:</b> 30304 / T173 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 22.47 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.005 A 999 360 VERT(TL): 0.011 A 999 240 HORZ(LL): -0.004 C - - HORZ(TL): 0.009 C - - Creep Factor: 2.0 Max TC CSI: 0.341 Max BC CSI: 0.209 Max Web CSI: 0.087 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or *=PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 88 /- /- /49 /18 /15 Wind reactions based on MWFRS C Brg Wid = 95.5 Min Req = - Bearing A is a rigid surface.  <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 186 -144 B - C 186 -162  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - D 267 -99 D - C 267 -99
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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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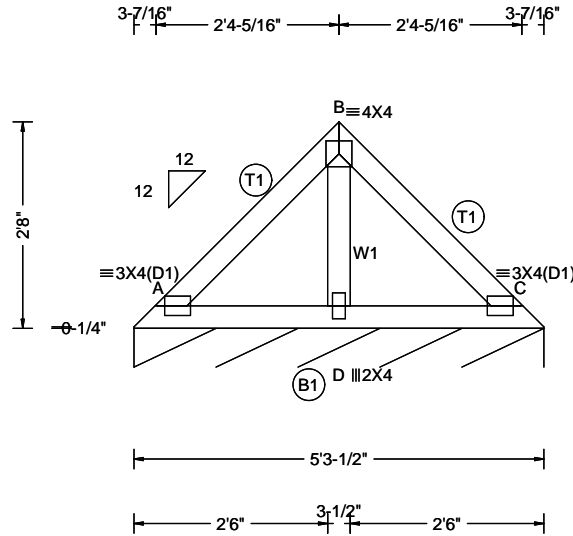
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<b>Truss Label:</b> <b>V15</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 2 <b>Wgt:</b> 22.4 lbs	<b>SEQN:</b> 30305 / T172 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 19.16 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.002 C 999 360 VERT(TL): 0.003 A 999 240 HORZ(LL): -0.001 C - - HORZ(TL): 0.002 C - - Creep Factor: 2.0 Max TC CSI: 0.154 Max BC CSI: 0.096 Max Web CSI: 0.040 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or *=PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 87 /- /- /48 /8 /14 Wind reactions based on MWFRS C Brg Wid = 63.5 Min Req = - Bearing A is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 94 -63 B - C 94 -79 <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - D 168 -53 D - C 168 -53 <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. B - D 229 -203
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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**

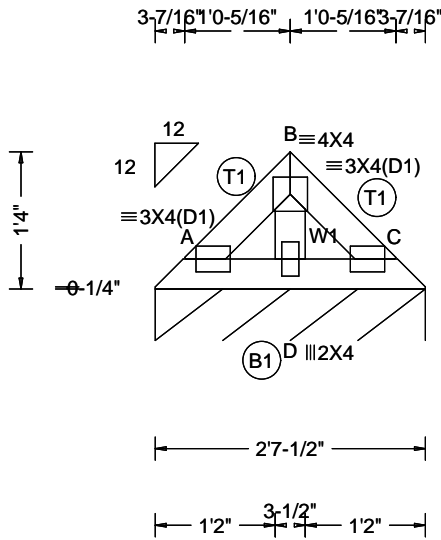
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<b>Truss Label:</b> <b>V14</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 2 <b>Wgt:</b> 11.2 lbs	<b>SEQN:</b> 30053 / T145 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 23.80 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> 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 C - - Creep Factor: 2.0 Max TC CSI: 0.024 Max BC CSI: 0.015 Max Web CSI: 0.013 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * =PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 86 /- /- /44 /3 /11 Wind reactions based on MWFRS C Brg Wid = 31.5 Min Req = - Bearing A is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 33 -6 B - C 33 -13  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - D 57 -18 D - C 57 -18  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. B - D 71 -77
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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.

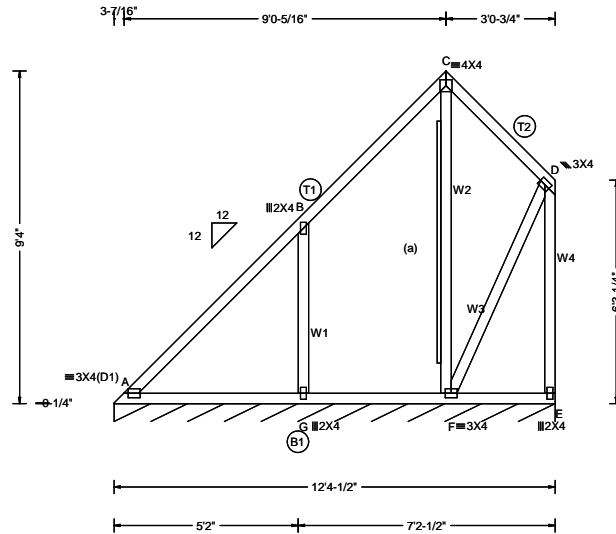
**Additional Notes**  
See applicable standard valley or piggyback details for more requirements.

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<b>Truss Label:</b> <b>V26</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 84.0 lbs	<b>SEQN:</b> 30319 / T42 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 19.80 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.009 A 999 360 VERT(TL): 0.021 A 999 240 HORZ(LL): 0.005 A - - HORZ(TL): 0.012 A - - Creep Factor: 2.0 Max TC CSI: 0.311 Max BC CSI: 0.246 Max Web CSI: 0.231 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * = PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 88 /- /- /59 /- /21 Wind reactions based on MWFRS E Brg Wid = 148 Min Req = - Bearing A is a rigid surface.
				<b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 249 -284 C - D 103 -47 B - C 129 -106

<b>Lumber</b> Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #2;	<b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - G 315 -178 F - E 304 -213 G - F 324 -185
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<b>Bracing</b> (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.	<b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - G 455 -362 F - D 82 -116 C - F 0 -239 D - E 101 -85
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**Purlins**  
In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc


**Wind**  
Right end vertical 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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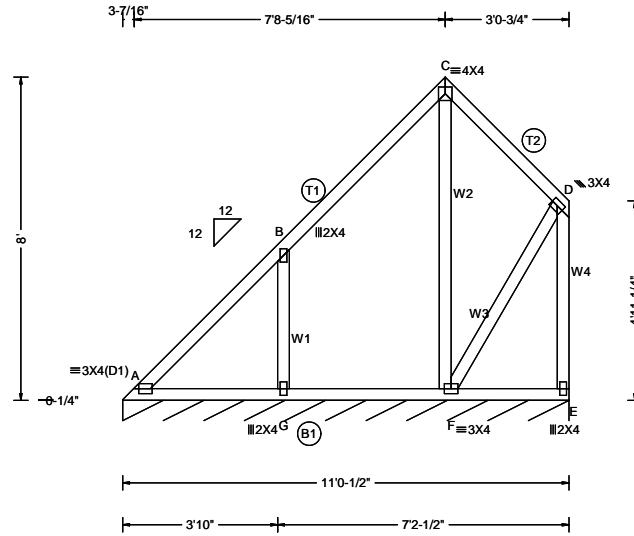
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<b>Truss Label:</b> <b>V25</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 72.8 lbs	<b>SEQN:</b> 30317 / T66 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 *	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 20.47 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.003 A 999 360 VERT(TL): 0.008 A 999 240 HORZ(LL): 0.001 A - - HORZ(TL): 0.007 B - - Creep Factor: 2.0 Max TC CSI: 0.289 Max BC CSI: 0.156 Max Web CSI: 0.213 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * = PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 88 /- /- /57 /- /20 Wind reactions based on MWFRS E Brg Wid = 132 Min Req = - Bearing A is a rigid surface.
				<b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 191 -246 C - D 119 -75 B - C 137 -127

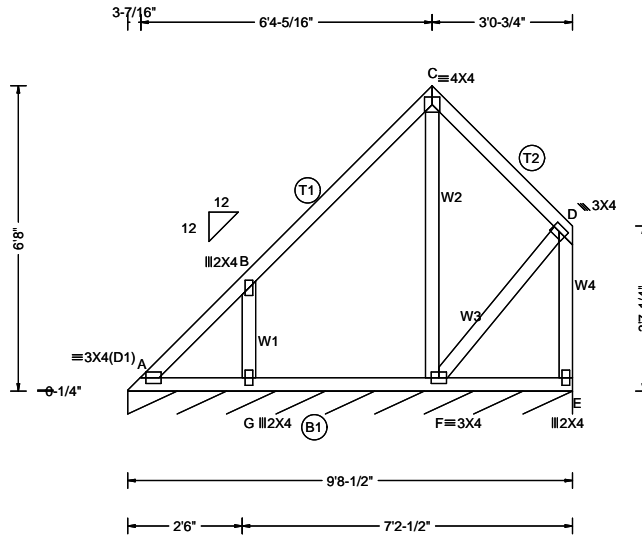
<b>Lumber</b> Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #2;  <b>Purlins</b> In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc  <b>Wind</b> Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.  <b>Additional Notes</b> See applicable standard valley or piggyback details for more requirements.	<b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - G 267 -133 F - E 267 -187 G - F 279 -139
	<b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - G 433 -313 F - D 90 -95 C - F 1 -210 D - E 133 -126

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#98829

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<b>Truss Label:</b> <b>V24</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 58.8 lbs	<b>SEQN:</b> 30315 / T73 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 21.13 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.001 C 999 360 VERT(TL): 0.002 C 999 240 HORIZ(LL): 0.001 D - - HORIZ(TL): 0.005 B - - Creep Factor: 2.0 Max TC CSI: 0.298 Max BC CSI: 0.113 Max Web CSI: 0.119 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * =PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 88 /- /- /56 /- /19 Wind reactions based on MWFRS E Brg Wid = 116 Min Req = - Bearing A is a rigid surface.
				<b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 144 -231 C - D 133 -103 B - C 143 -149

<b>Lumber</b> Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #2;	<b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - G 207 -92 F - E 217 -162 G - F 229 -101
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<b>Purlins</b> In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc	<b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - G 457 -281 F - D 98 -85 C - F 7 -174 D - E 148 -143
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**Wind**  
Right end vertical 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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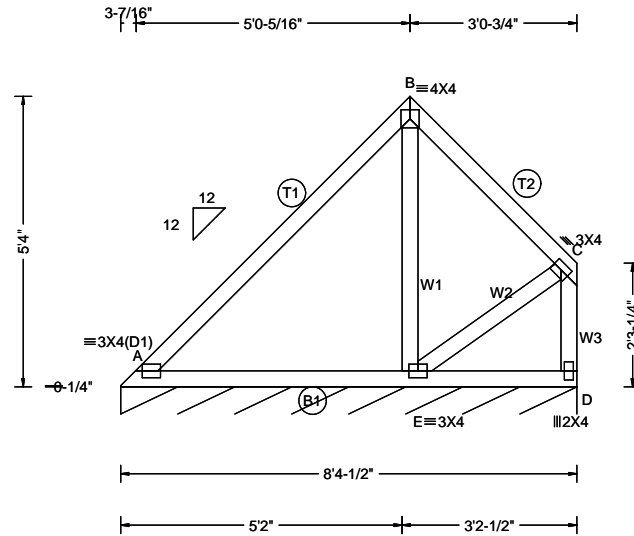
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<b>Truss Label:</b> <b>V23</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 46.2 lbs	<b>SEQN:</b> 30313 / T77 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 21.80 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.015 A 999 360 VERT(TL): 0.031 A 999 240 HORZ(LL): 0.007 A - - HORZ(TL): 0.016 A - - Creep Factor: 2.0 Max TC CSI: 0.583 Max BC CSI: 0.357 Max Web CSI: 0.172 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or *PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL D* 88 /- /- /54 /- /18 Wind reactions based on MWFRS D Brg Wid = 100 Min Req = - Bearing A is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 206 -171 B - C 188 -122  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - E 328 -161 E - D 161 -137  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - E 376 -404 C - D 67 -119 E - C 227 -104
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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**  
Right end vertical 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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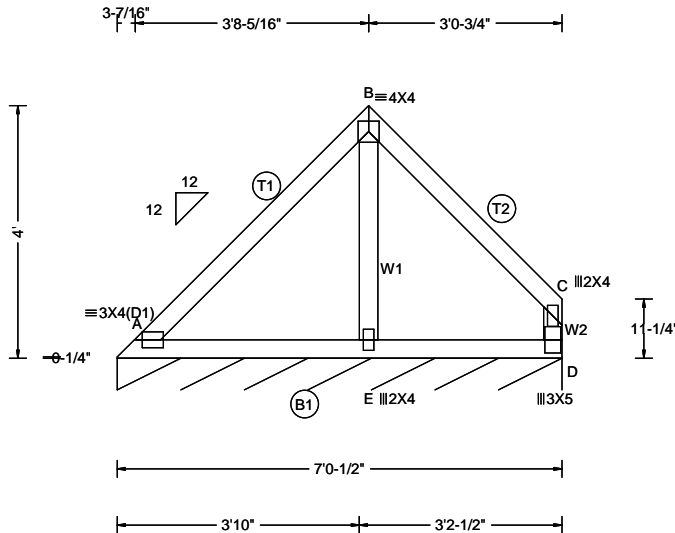
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<b>Truss Label:</b> <b>V22</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 33.6 lbs	<b>SEQN:</b> 30311 / T80 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 22.47 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.006 A 999 360 VERT(TL): 0.013 A 999 240 HORZ(LL): 0.003 A - - HORZ(TL): 0.007 A - - Creep Factor: 2.0 Max TC CSI: 0.381 Max BC CSI: 0.244 Max Web CSI: 0.078 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * =PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL D* 88 /- /- /51 /0 /16 Wind reactions based on MWFRS D Brg Wid = 84.5 Min Req = - Bearing A is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 254 -154 B - C 216 -92 <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - E 120 -109 E - D 120 -109 <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - E 69 -191 C - D 263 -119
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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**

Right end vertical 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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P.E.  
#98829

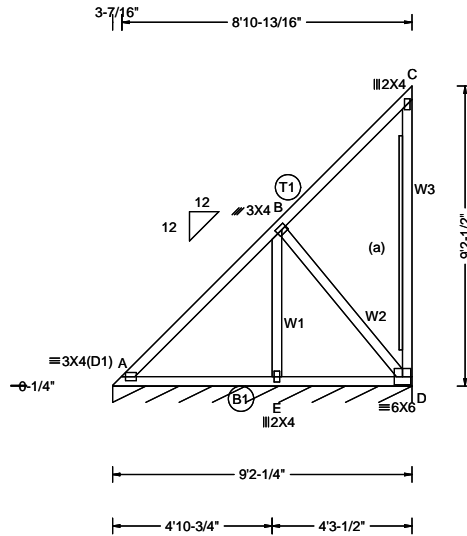
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<b>Truss Label:</b> <b>V28</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 61.6 lbs	<b>SEQN:</b> 30327 / T32 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> TCLL: 20.00 TCDL: 10.00 BCDL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 17.07 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.009 A 999 360 VERT(TL): 0.019 A 999 240 HORZ(LL): 0.004 A - - HORZ(TL): 0.009 A - - Creep Factor: 2.0 Max TC CSI: 0.437 Max BC CSI: 0.254 Max Web CSI: 0.151 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * =PLF</b> <table border="1"> <thead> <tr> <th colspan="2">Gravity</th> <th colspan="4">Non-Gravity</th> </tr> <tr> <th>Loc</th> <th>R+ / R-</th> <th>/ Rh</th> <th>/ Rw</th> <th>/ U</th> <th>/ RL</th> </tr> </thead> <tbody> <tr> <td>D*</td> <td>88</td> <td>-</td> <td>-</td> <td>/66</td> <td>/2 /25</td> </tr> </tbody> </table>	Gravity		Non-Gravity				Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL	D*	88	-	-	/66	/2 /25
				Gravity		Non-Gravity																
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL																	
D*	88	-	-	/66	/2 /25																	
<b>Maximum Top Chord Forces Per Ply (lbs)</b> <table border="1"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> <th>Chords</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>A - B</td> <td>160</td> <td>B - C</td> <td>72 - 150</td> </tr> </tbody> </table>				Chords	Tens.Comp.	Chords	Tens. Comp.	A - B	160	B - C	72 - 150											
Chords	Tens.Comp.	Chords	Tens. Comp.																			
A - B	160	B - C	72 - 150																			

**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**  
Right end vertical 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.

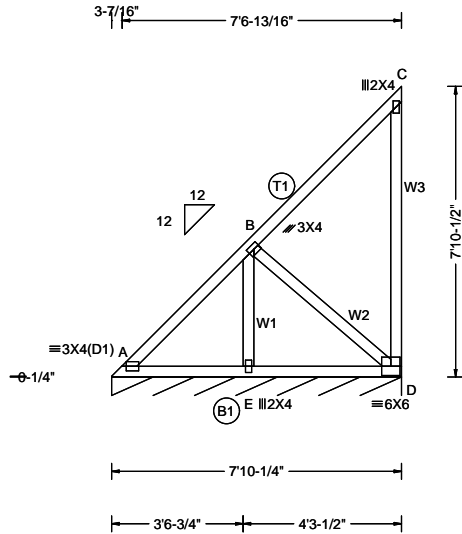
<b>Maximum Bot Chord Forces Per Ply (lbs)</b> <table border="1"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> <th>Chords</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>A - E</td> <td>343 - 114</td> <td>E - D</td> <td>342 - 112</td> </tr> </tbody> </table>				Chords	Tens.Comp.	Chords	Tens. Comp.	A - E	343 - 114	E - D	342 - 112				
Chords	Tens.Comp.	Chords	Tens. Comp.												
A - E	343 - 114	E - D	342 - 112												
<b>Maximum Web Forces Per Ply (lbs)</b> <table border="1"> <thead> <tr> <th>Webs</th> <th>Tens.Comp.</th> <th>Webs</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>E - B</td> <td>134 - 374</td> <td>C - D</td> <td>166 - 102</td> </tr> <tr> <td>B - D</td> <td>328 - 96</td> <td></td> <td></td> </tr> </tbody> </table>				Webs	Tens.Comp.	Webs	Tens. Comp.	E - B	134 - 374	C - D	166 - 102	B - D	328 - 96		
Webs	Tens.Comp.	Webs	Tens. Comp.												
E - B	134 - 374	C - D	166 - 102												
B - D	328 - 96														

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#98829

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

<b>Truss Label:</b> <b>V27</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 51.8 lbs	<b>SEQN:</b> 30325 / T51 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> TCLL: 20.00 TCDL: 10.00 BCDL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 17.74 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.003 A 999 360 VERT(TL): 0.006 A 999 240 HORZ(LL): 0.001 A - - HORZ(TL): 0.003 C - - Creep Factor: 2.0 Max TC CSI: 0.381 Max BC CSI: 0.182 Max Web CSI: 0.109 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * =PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL D* 88 /- /- /66 /3 /25 Wind reactions based on MWFRS D Brg Wid = 94.2 Min Req = - Bearing A is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 95 -203 B - C 78 -170  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - E 256 -64 E - D 255 -63  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. E - B 87 -281 C - D 194 -111 B - D 351 -114
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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**

Right end vertical 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.

**EDDIE JESUS MEJIA-MEDINA**  
P.E.  
#98829

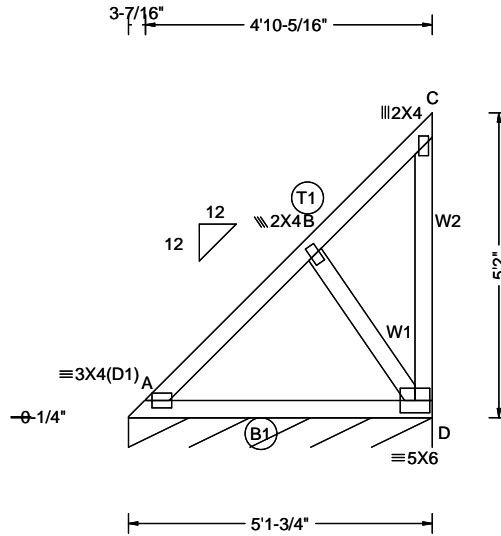
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SEBRING, FL 33870  
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<b>Truss Label:</b> <b>V32</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 30.8 lbs	<b>SEQN:</b> 30329 / T84 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.006 A 999 360 VERT(TL): 0.014 A 999 240 HORZ(LL): 0.002 A - - HORZ(TL): 0.006 C - - Creep Factor: 2.0 Max TC CSI: 0.170 Max BC CSI: 0.233 Max Web CSI: 0.056 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or *PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL D* 88 /- /- /65 /1 /24 Wind reactions based on MWFRS D Brg Wid = 61.8 Min Req = - Bearing A is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 22 -169 B - C 31 -92 <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. A - D 207 -24 <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - D 318 -162 C - D 107 -44
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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**

Right end vertical 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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#98829

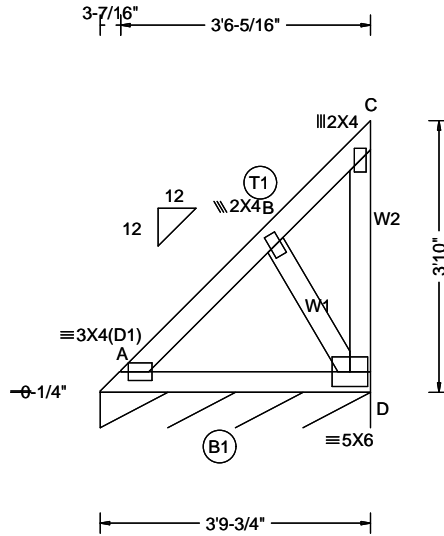
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<b>Truss Label:</b> <b>V31</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 22.4 lbs	<b>SEQN:</b> 30331 / T83 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.01 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.002 A 999 360 VERT(TL): 0.006 A 999 240 HORZ(LL): -0.001 C - - HORZ(TL): 0.003 C - - Creep Factor: 2.0 Max TC CSI: 0.085 Max BC CSI: 0.117 Max Web CSI: 0.045 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * =PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL D* 88 /- /- /64 /1 /23 Wind reactions based on MWFRS D Brg Wid = 45.8 Min Req = - Bearing A is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 17 -118 B - C 19 -61 <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. A - D 167 -19 <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - D 256 -117 C - D 71 -28
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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**

Right end vertical 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.

**EDDIE JESUS MEJIA-MEDINA**  
P.E.  
#98829

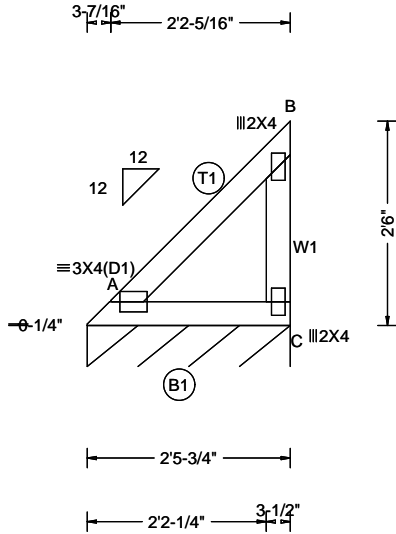
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<b>Truss Label:</b> <b>V30</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 12.6 lbs	<b>SEQN:</b> 30333 / T67 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.67 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): NA VERT(TL): NA HORZ(LL): 0.001 A - - HORZ(TL): 0.002 A - - Creep Factor: 2.0 Max TC CSI: 0.119 Max BC CSI: 0.069 Max Web CSI: 0.043 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or *PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 87 /- /- /61 /- /22 Wind reactions based on MWFRS C Brg Wid = 29.8 Min Req = - Bearing A is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. A - B 46 -129 <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. A - C 198 -39 <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. B - C 166 -68
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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**

Right end vertical 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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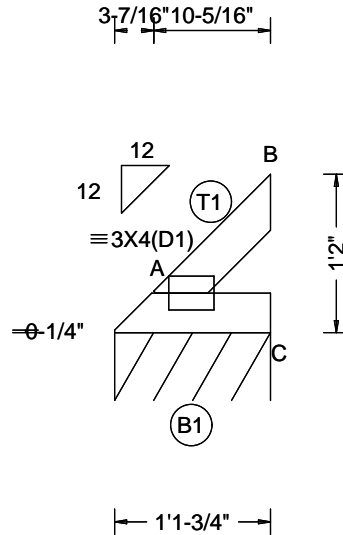
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<b>Truss Label:</b> <b>V29</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 5.6 lbs	<b>SEQN:</b> 30335 / T65 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> TCCL: 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 16.34 ft TCCL: 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.002 B 999 360 VERT(TL): 0.003 B 999 240 HORZ(LL): 0.002 B - - HORZ(TL): 0.003 B - - Creep Factor: 2.0 Max TC CSI: 0.044 Max BC CSI: 0.048 Max Web CSI: 0.000 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>99</td> <td>/-</td> <td>/-</td> <td>/62</td> <td>/-</td> <td>/20</td> </tr> </tbody> </table>	Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	A	99	/-	/-	/62	/-	/20
				Loc		Gravity			Non-Gravity															
R+	/R-	/Rh	/Rw		/U	/RL																		
A	99	/-	/-	/62	/-	/20																		
<b>Maximum Top Chord Forces Per Ply (lbs)</b> <table border="1"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> </tr> </thead> <tbody> <tr> <td>A - B</td> <td>0 -27</td> </tr> </tbody> </table>				Chords	Tens.Comp.	A - B	0 -27																	
Chords	Tens.Comp.																							
A - B	0 -27																							
<b>Maximum Bot Chord Forces Per Ply (lbs)</b> <table border="1"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> </tr> </thead> <tbody> <tr> <td>A - C</td> <td>73 -15</td> </tr> </tbody> </table>				Chords	Tens.Comp.	A - C	73 -15																	
Chords	Tens.Comp.																							
A - C	73 -15																							

**Lumber**

Top chord: 2x4 SP #2;  
 Bot chord: 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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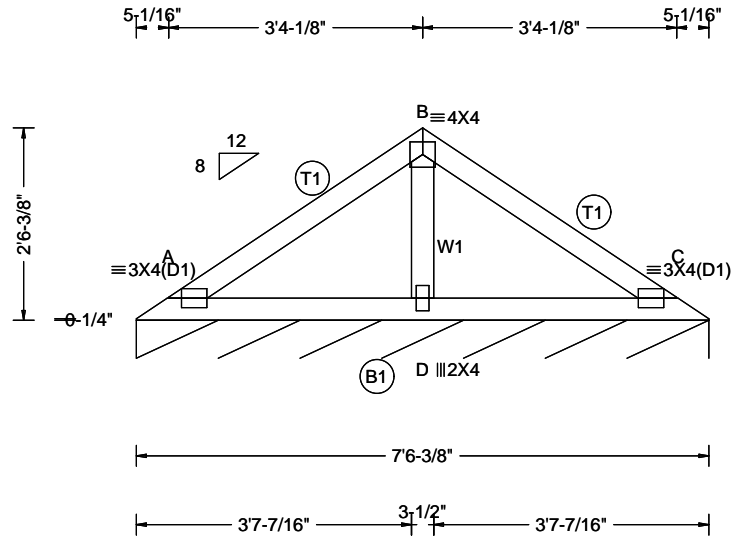
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<b>Truss Label:</b> <b>PB7</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 28.0 lbs	<b>SEQN:</b> 30227 / T63 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 22.88 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.005 A 999 360 VERT(TL): 0.011 A 999 240 HORIZ(LL): -0.003 C - - HORIZ(TL): 0.006 C - - Creep Factor: 2.0 Max TC CSI: 0.213 Max BC CSI: 0.168 Max Web CSI: 0.065 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * =PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL A* 84 /- /- /42 /19 /8 Wind reactions based on MWFRS A Brg Wid = 90.4 Min Req = - Bearing A is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 201 -145 B - C 201 -158  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - D 233 -125 D - C 233 -125  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. B - D 369 -351
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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 @ 69" 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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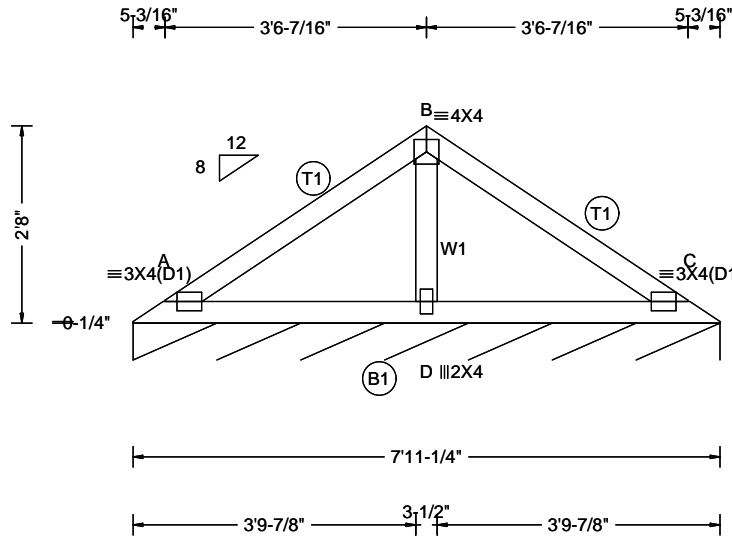
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<b>Truss Label:</b> <b>V2</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 29.4 lbs	<b>SEQN:</b> 30320 / T176 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> 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	<b>▲ Maximum Reactions (lbs), or * =PLF</b> 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. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 222 -136 B - C 222 -137  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - D 206 -139 D - C 206 -139
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<b>Lumber</b> Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #2;	<b>Purlins</b> In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc	<b>Wind</b> Wind loading based on both gable and hip roof types.	<b>Additional Notes</b> See applicable standard valley or piggyback details for more requirements.
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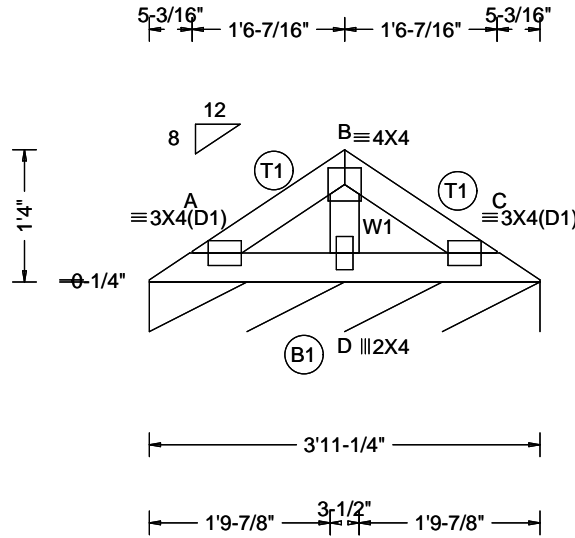
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<b>Truss Label:</b> <b>V1</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 12.6 lbs	<b>SEQN:</b> 29997 / T171 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> 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	<b>▲ Maximum Reactions (lbs), or *=PLF</b> 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. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 62 -19 B - C 62 -23  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - D 66 -32 D - C 66 -32
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<b>Lumber</b> Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #2;	<b>Purlins</b> In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc	<b>Wind</b> Wind loading based on both gable and hip roof types.	<b>Additional Notes</b> See applicable standard valley or piggyback details for more requirements.
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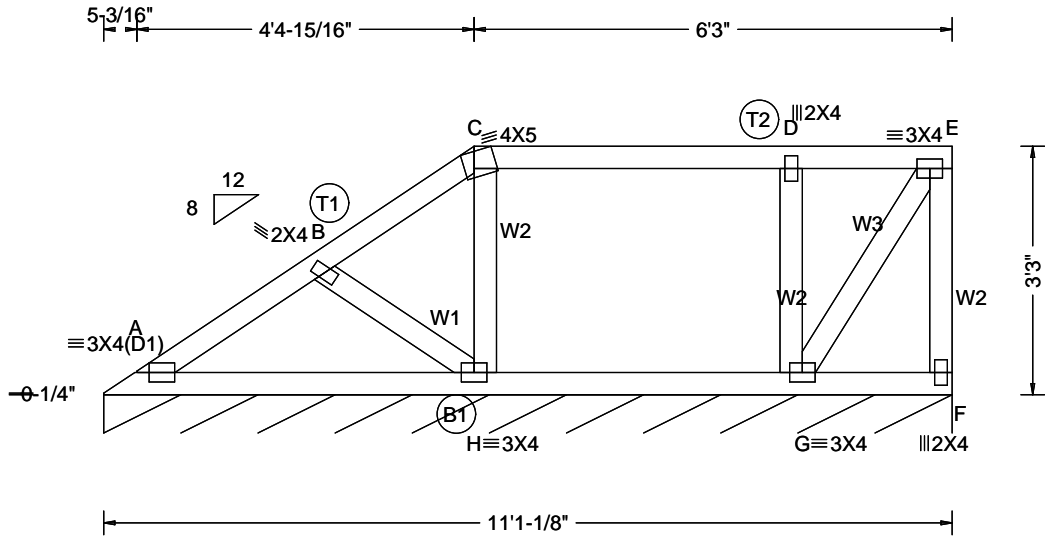
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SEBRING, FL 33870  
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<b>Truss Label:</b> <b>V13</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 57.4 lbs	<b>SEQN:</b> 30182 / T207 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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/2 to h C&C Dist a: 3.00 ft ft Loc. from endwall: not in 4.50 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.004 A 999 360 VERT(TL): 0.010 A 999 240 HORZ(LL): 0.001 A - - HORZ(TL): 0.003 A - - Creep Factor: 2.0 Max TC CSI: 0.246 Max BC CSI: 0.183 Max Web CSI: 0.070 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * = PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL F* 84 /- /- /47 /13 /9 Wind reactions based on MWFRS F Brg Wid = 133 Min Req = - Bearing A is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 46 -107 C - D 54 0 B - C 89 -5 D - E 67 0  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - H 80 0 G - F 161 -45 H - G 137 -74  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - H 162 -169 G - E 0 -121 C - H 198 -190 E - F 80 0 D - G 398 -270
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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**  
Right end vertical 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.

**EDDIE JESUS MEJIA-MEDINA**  
P.E.  
#98829

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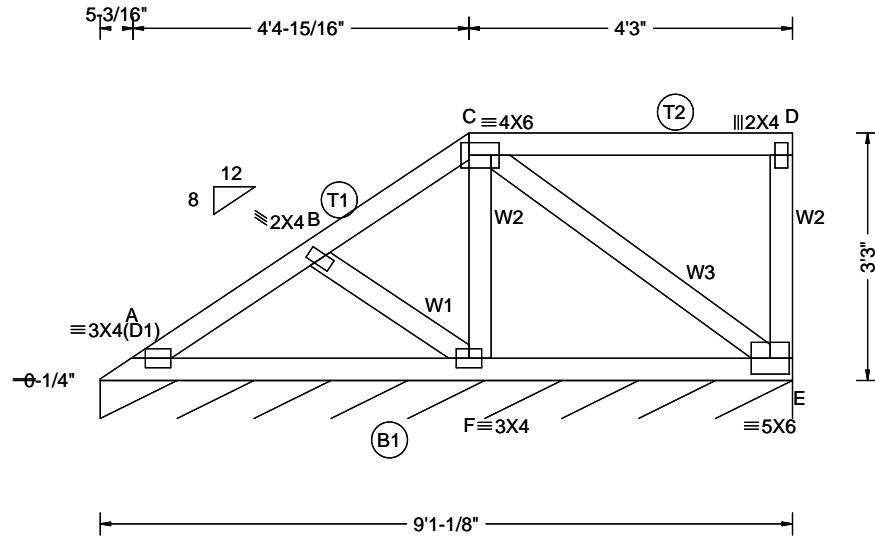
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For more information see this job's general notes page and these web sites: ALPINE: [www.alpineitw.com](http://www.alpineitw.com); TPI: [www.tpinst.org](http://www.tpinst.org); SBCEA: [www.sbcindustry.com](http://www.sbcindustry.com); ICC: [www.iccsafe.org](http://www.iccsafe.org)

<b>Truss Label:</b> <b>V12</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 49.0 lbs	<b>SEQN:</b> 30184 / T208 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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/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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.004 A 999 360 VERT(TL): 0.009 A 999 240 HORZ(LL): 0.001 A - - HORZ(TL): 0.003 A - - Creep Factor: 2.0 Max TC CSI: 0.387 Max BC CSI: 0.197 Max Web CSI: 0.097 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * =PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 84 /- /- /49 /13 /11 Wind reactions based on MWFRS E Brg Wid = 109 Min Req = - Bearing A is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 77 -93 C - D 10 -8 B - C 102 0  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - F 69 -25 F - E 136 -81
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<b>Lumber</b> Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #2;	<b>Purlins</b> In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc	<b>Wind</b> Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.	<b>Additional Notes</b> See applicable standard valley or piggyback details for more requirements.	<b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - F 186 -168 C - E 87 0 C - F 202 -269 D - E 222 -140
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**EDDIE JESUS MEJIA-MEDINA**  
P.E.  
#98829

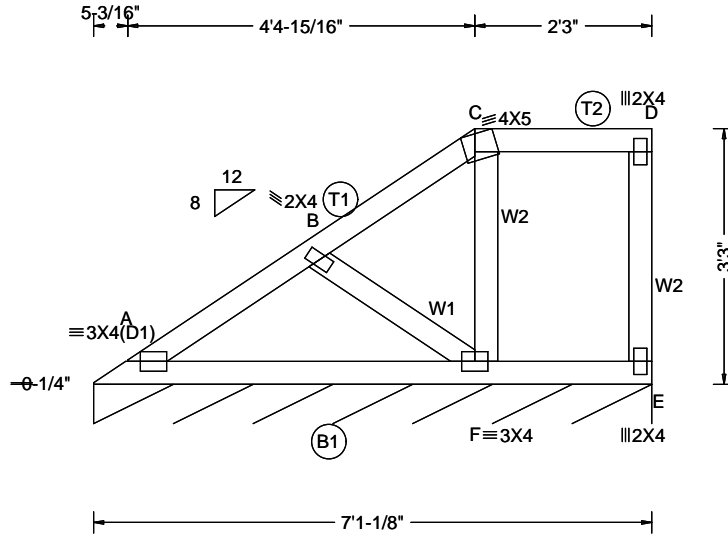
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<b>Truss Label:</b> <b>V11</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 36.4 lbs	<b>SEQN:</b> 30186 / T53 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 16.18 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.004 A 999 360 VERT(TL): 0.011 A 999 240 HORZ(LL): -0.002 D - - HORZ(TL): 0.005 D - - Creep Factor: 2.0 Max TC CSI: 0.126 Max BC CSI: 0.161 Max Web CSI: 0.038 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * =PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL E* 84 /- /- /51 /12 /14 Wind reactions based on MWFRS E Brg Wid = 85.1 Min Req = - Bearing A is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 31 -174 C - D 3 -1 B - C 25 -51  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - F 139 0 F - E 205 -45
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<b>Lumber</b> Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #2;	<b>Purlins</b> In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc	<b>Wind</b> Right end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types.	<b>Additional Notes</b> See applicable standard valley or piggyback details for more requirements.	<b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. Webs Tens. Comp. B - F 215 -173 D - E 128 -73 C - F 199 -116
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**EDDIE JESUS MEJIA-MEDINA**  
P.E.  
#98829

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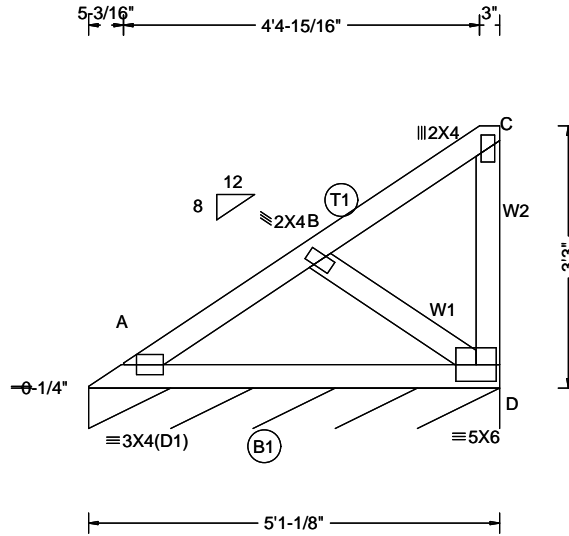
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<b>Truss Label:</b> <b>V10</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 25.2 lbs	<b>SEQN:</b> 30001 / T210 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 17.51 ft TCCL: 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.006 A 999 360 VERT(TL): 0.015 A 999 240 HORZ(LL): -0.003 C - - HORZ(TL): 0.006 C - - Creep Factor: 2.0 Max TC CSI: 0.157 Max BC CSI: 0.201 Max Web CSI: 0.046 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * =PLF</b> <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>D*</td> <td>84</td> <td>/-</td> <td>/-</td> <td>/54</td> <td>/10</td> <td>/20</td> </tr> </tbody> </table> Wind reactions based on MWFRS D Brg Wid = 61.1 Min Req = - Bearing A is a rigid surface.	Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	D*	84	/-	/-	/54	/10	/20
				Loc		Gravity			Non-Gravity															
R+	/R-	/Rh	/Rw		/U	/RL																		
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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**

Right end vertical 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.

**EDDIE JESUS MEJIA-MEDINA**  
 P.E.  
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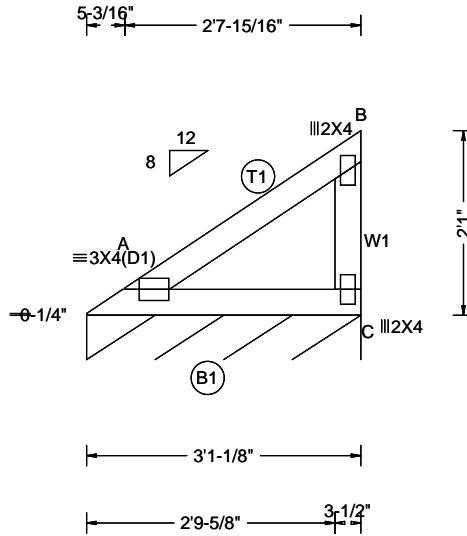
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<b>Truss Label:</b> <b>V9</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 14.0 lbs	<b>SEQN:</b> 29999 / T211 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 18.26 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): NA VERT(TL): NA HORZ(LL): 0.001 A - - HORZ(TL): 0.003 A - - Creep Factor: 2.0 Max TC CSI: 0.118 Max BC CSI: 0.089 Max Web CSI: 0.038 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * =PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 83 /- /- /54 /9 /20 Wind reactions based on MWFRS C Brg Wid = 37.1 Min Req = - Bearing A is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. A - B 40 -81  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. A - C 149 -24  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. B - C 135 -80
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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**

Right end vertical 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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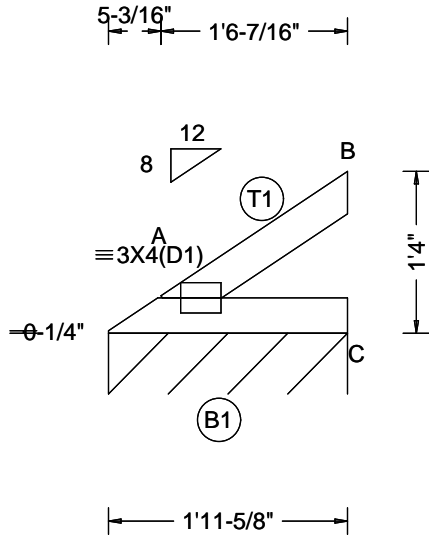
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<b>Truss Label:</b> <b>V8</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 5.6 lbs	<b>SEQN:</b> 30080 / T60 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> TCCL: 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCCL: 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.015 B 999 360 VERT(TL): 0.026 B 852 240 HORZ(LL): 0.009 B - - HORZ(TL): 0.015 B - - Creep Factor: 2.0 Max TC CSI: 0.109 Max BC CSI: 0.136 Max Web CSI: 0.000 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * = PLF</b> <table border="1"> <thead> <tr> <th colspan="3">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> </tr> </thead> <tbody> <tr> <td>C*</td> <td>83</td> <td>/-</td> <td>/-</td> <td>/50</td> <td>/6</td> <td>/17</td> </tr> </tbody> </table>	Gravity			Non-Gravity			Loc	R+	/R-	/Rh	/Rw	/U	/RL	C*	83	/-	/-	/50	/6	/17
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**Lumber**

Top chord: 2x4 SP #2;  
 Bot chord: 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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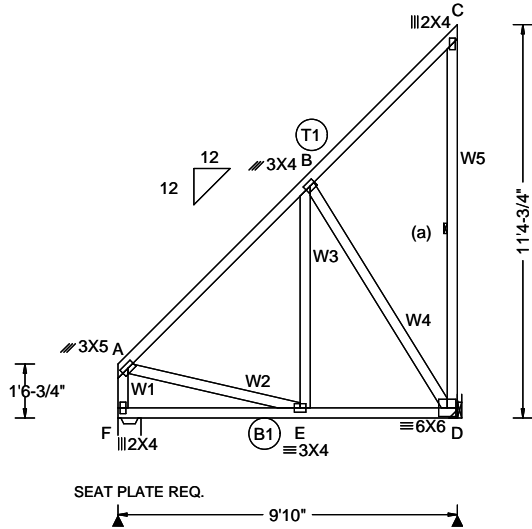
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<b>Truss Label:</b> <b>M3</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 85.4 lbs	<b>SEQN:</b> 30615 / T45 / MONO <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 16.48 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.003 B 999 360 VERT(TL): 0.007 E 999 240 HORZ(LL): -0.002 C - - HORZ(TL): 0.008 C - - Creep Factor: 2.0 Max TC CSI: 0.581 Max BC CSI: 0.300 Max Web CSI: 0.411 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL
				F 434 /- /- /236 /- /257 D 434 /- /- /453 /177 /- Wind reactions based on MWFRS F Brg Wid = 8.0 Min Req = 1.5 (Truss) D Brg Wid = - Min Req = - Bearing F is a rigid surface. Bearing F requires a seat plate. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp.

**Lumber**

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

**Bracing**

(a) Continuous lateral restraint equally spaced on member.

**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**

Provide hanger or special connection at right end of truss for 453 lbs.

<b>Maximum Bot Chord Forces Per Ply (lbs)</b>			
Chords	Tens.Comp.	Chords	Tens. Comp.
F - E	224 -588	E - D	208 -245
<b>Maximum Web Forces Per Ply (lbs)</b>			
Webs	Tens.Comp.	Webs	Tens. Comp.
A - F	0 -390	B - D	447 -381
A - E	366 -60	C - D	156 -103
E - B	211 -10		

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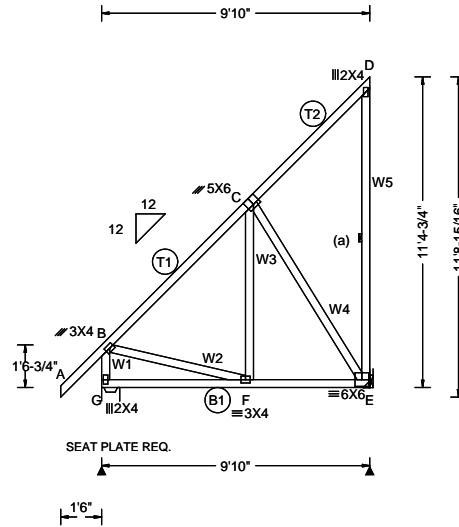
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<b>Truss Label:</b> <b>M2</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 2 <b>Wgt:</b> 86.8 lbs	<b>SEQN:</b> 30610 / T37 / MONO <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> TCLL: 20.00 TCDL: 10.00 BCDL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.73 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.003 C 999 360 VERT(TL): 0.007 F 999 240 HORIZ(LL): -0.002 D - - HORIZ(TL): 0.009 D - - Creep Factor: 2.0 Max TC CSI: 0.520 Max BC CSI: 0.299 Max Web CSI: 0.405 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL G 544 /- /- /273 /- /284 E 434 /- /- /450 /175 /- Wind reactions based on MWFRS G Brg Wid = 8.0 Min Req = 1.5 (Truss) E Brg Wid = - Min Req = - Bearing G is a rigid surface. Bearing G requires a seat plate.
				<b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 72 0 C - D 76 -148 B - C 17 -389

**Lumber**

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

**Bracing**

(a) Continuous lateral restraint equally spaced on member.

**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**

Top Chord overhang(s) may be field trimmed.  
Provide hanger or special connection at right end of truss for 450 lbs.

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
G - F	204 -678	F - E	205 -238

**Maximum Web Forces Per Ply (lbs)**


Webs	Tens.Comp.	Webs	Tens. Comp.
B - G	21 -500	C - E	435 -375
B - F	463 -44	D - E	160 -108
F - C	210 -32		

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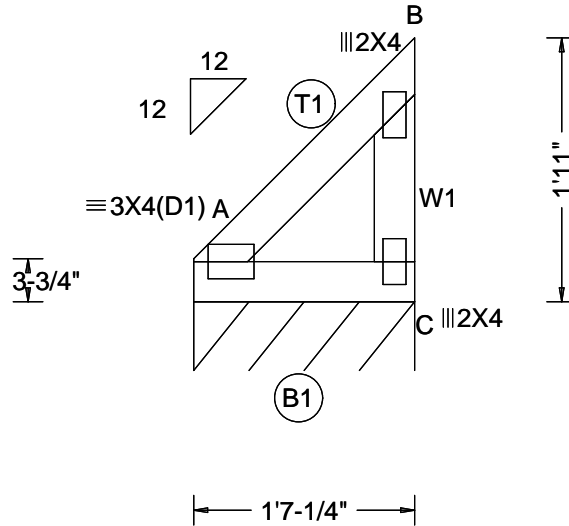
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<b>Truss Label:</b> <b>PB12</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 3 <b>Wgt:</b> 9.8 lbs	<b>SEQN:</b> 30630 / T74 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 22.57 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): NA VERT(TL): NA HORZ(LL): 0.000 A - - HORZ(TL): 0.001 A - - Creep Factor: 2.0 Max TC CSI: 0.068 Max BC CSI: 0.038 Max Web CSI: 0.030 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or *PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 88 /- /- /66 /3 /26 Wind reactions based on MWFRS C Brg Wid = 19.2 Min Req = - Bearing A is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. A - B 31 -103  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. A - C 153 -28  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. B - C 134 -46
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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 @ 19" 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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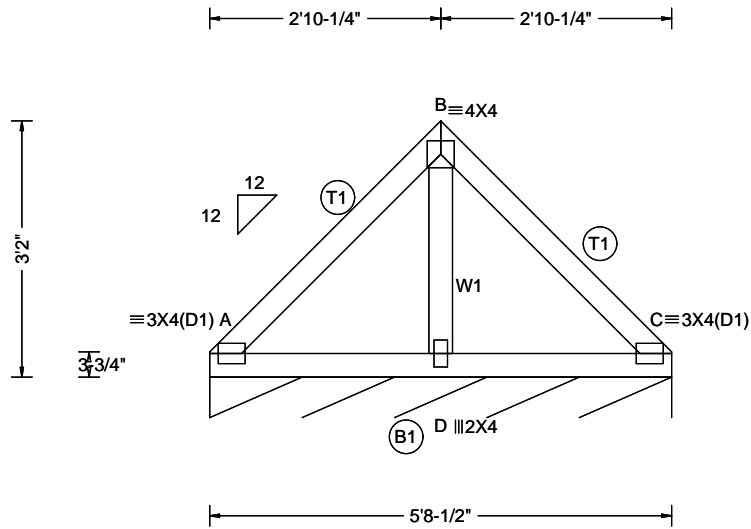
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<b>Truss Label:</b> <b>PB10</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 10 <b>Wgt:</b> 26.6 lbs	<b>SEQN:</b> 30457 / T71 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 23.20 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.001 A 999 360 VERT(TL): 0.002 A 999 240 HORZ(LL): -0.001 C - - HORZ(TL): 0.003 A - - Creep Factor: 2.0 Max TC CSI: 0.245 Max BC CSI: 0.130 Max Web CSI: 0.012 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * =PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 88 /- /- /51 /21 /16 Wind reactions based on MWFRS C Brg Wid = 68.5 Min Req = - Bearing A is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 211 -147 B - C 226 -147  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - D 65 -26 D - C 65 -26  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. B - D 13 -85
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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 @ 68" 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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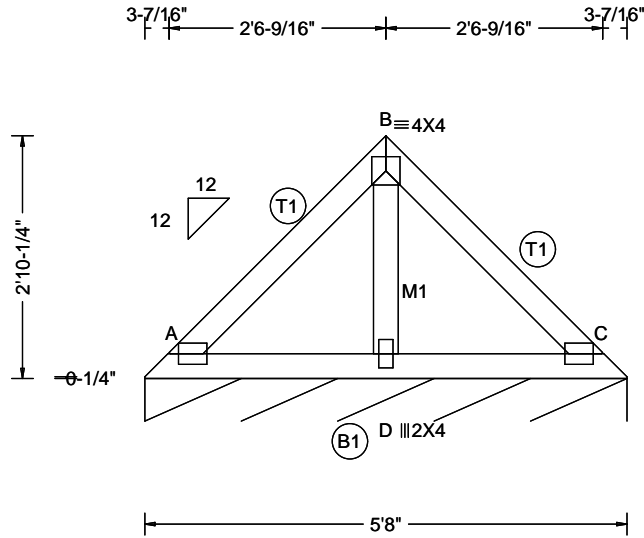
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<b>Truss Label:</b> <b>PB9</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 23.8 lbs	<b>SEQN:</b> 30461 / T79 / GABL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 23.04 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.002 C 999 360 VERT(TL): 0.004 C 999 240 HORZ(LL): -0.001 C - - HORZ(TL): 0.003 C - - Creep Factor: 2.0 Max TC CSI: 0.196 Max BC CSI: 0.121 Max Web CSI: 0.065 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or *=PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 87 /- /- /48 /17 /14 Wind reactions based on MWFRS C Brg Wid = 68.0 Min Req = - Bearing A is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 105 -82 B - C 105 -96 <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - D 201 -58 D - C 201 -58 <b>Maximum Gable Forces Per Ply (lbs)</b> Gables Tens.Comp. B - D 291 -224
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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 @ 68" oc

**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/999.

**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.


**PLATING NOTES**

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

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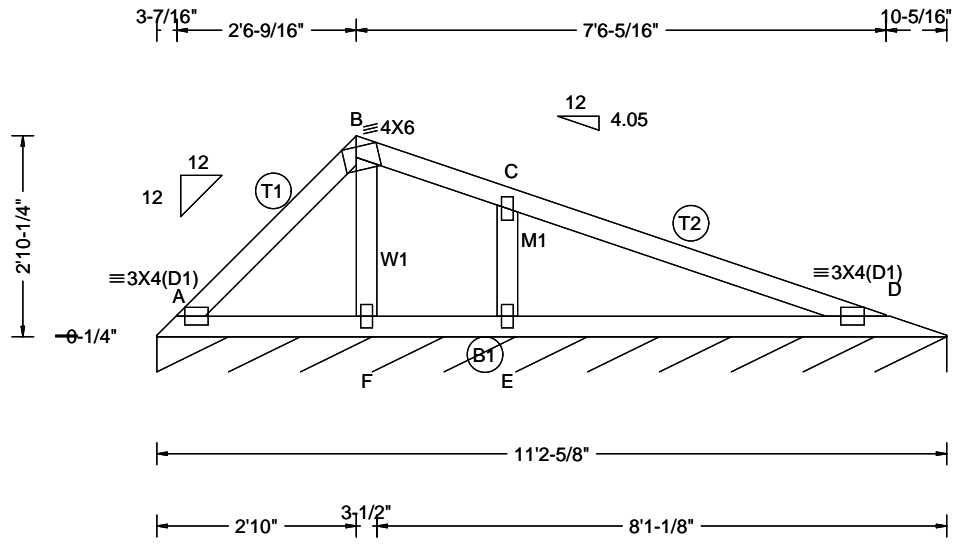
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<b>Truss Label:</b> <b>PB11</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 2 <b>Wgt:</b> 40.6 lbs	<b>SEQN:</b> 30533 / T82 / GABL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 23.04 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.035 D 999 360 VERT(TL): 0.071 D 999 240 HORIZ(LL): -0.010 D - - HORIZ(TL): 0.020 D - - Creep Factor: 2.0 Max TC CSI: 0.450 Max BC CSI: 0.343 Max Web CSI: 0.081 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or *=PLF</b> Gravity Non-Gravity Loc R+ /R- /Rh /Rw /U /RL A* 83 /- /- /42 /11 /7 Wind reactions based on MWFRS A Brg Wid = 134 Min Req = - Bearing A is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 343 -202 C - D 288 -207 B - C 235 -100  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - F 214 -204 E - D 217 -216 F - E 226 -225  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. B - F 206 -349  <b>Maximum Gable Forces Per Ply (lbs)</b> Gables Tens.Comp. E - C 338 -325
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**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #2;

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

**Purlins**  
In lieu of rigid ceiling provide lateral bracing to brace BC @ 72" oc

**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/999.

**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.


**PLATING NOTES**  
All plates are 2X4 except as noted.

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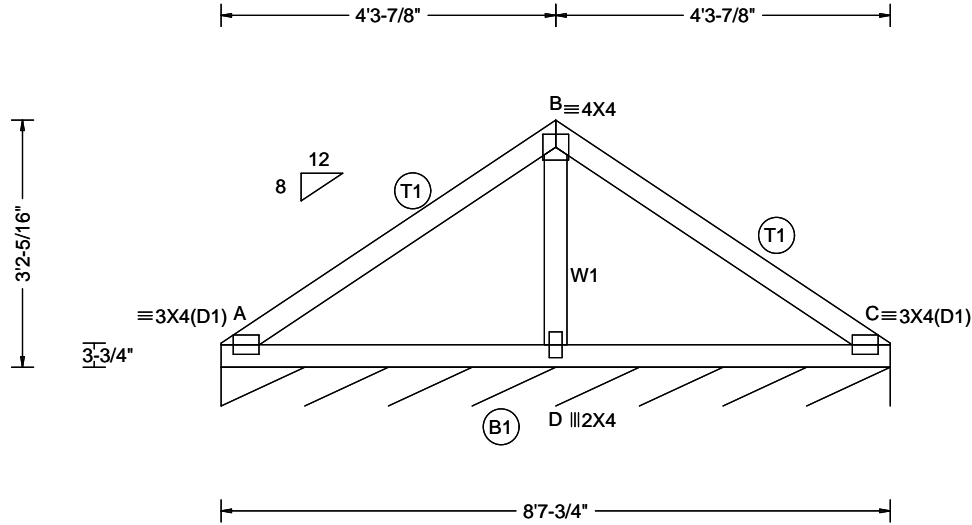
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<b>Truss Label:</b> <b>PB8</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 33.6 lbs	<b>SEQN:</b> 30233 / T78 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 23.21 ft TCCL: 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.004 C 999 360 VERT(TL): 0.008 C 999 240 HORZ(LL): -0.003 C - - HORZ(TL): 0.007 C - - Creep Factor: 2.0 Max TC CSI: 0.342 Max BC CSI: 0.223 Max Web CSI: 0.012 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or *PLF</b> <table border="1"> <thead> <tr> <th colspan="3">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> </tr> </thead> <tbody> <tr> <td>C*</td> <td>84</td> <td>/-</td> <td>/-</td> <td>/45</td> <td>/23</td> <td>/9</td> </tr> </tbody> </table> Wind reactions based on MWFRS C Brg Wid = 103 Min Req = - Bearing A is a rigid surface.						Gravity			Non-Gravity			Loc	R+	/R-	/Rh	/Rw	/U	/RL	C*	84	/-	/-	/45	/23	/9
				Gravity			Non-Gravity																						
Loc	R+	/R-	/Rh	/Rw	/U	/RL																							
C*	84	/-	/-	/45	/23	/9																							
				<b>Maximum Top Chord Forces Per Ply (lbs)</b> <table border="1"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> <th>Chords</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>A - B</td> <td>258</td> <td>B - C</td> <td>267</td> </tr> </tbody> </table> <b>Maximum Bot Chord Forces Per Ply (lbs)</b> <table border="1"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> <th>Chords</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>A - D</td> <td>122</td> <td>D - C</td> <td>122</td> </tr> </tbody> </table> <b>Maximum Web Forces Per Ply (lbs)</b> <table border="1"> <thead> <tr> <th>Webs</th> <th>Tens.Comp.</th> </tr> </thead> <tbody> <tr> <td>B - D</td> <td>13</td> </tr> </tbody> </table>						Chords	Tens.Comp.	Chords	Tens. Comp.	A - B	258	B - C	267	Chords	Tens.Comp.	Chords	Tens. Comp.	A - D	122	D - C	122	Webs	Tens.Comp.	B - D	13
Chords	Tens.Comp.	Chords	Tens. Comp.																										
A - B	258	B - C	267																										
Chords	Tens.Comp.	Chords	Tens. Comp.																										
A - D	122	D - C	122																										
Webs	Tens.Comp.																												
B - D	13																												

**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 @ 69" 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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 #98829

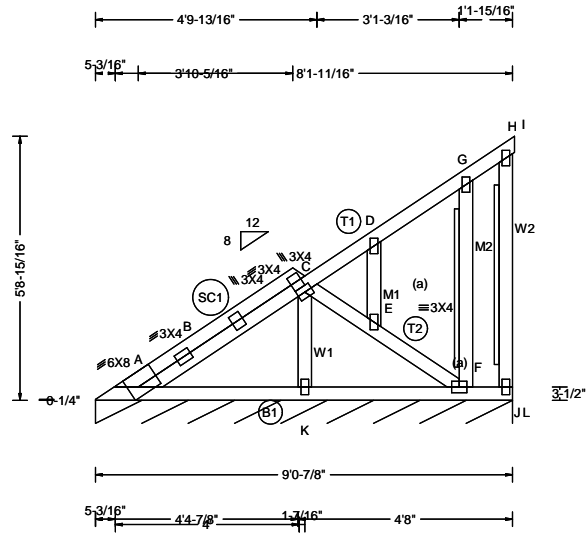
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<b>Truss Label:</b> <b>PBO</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 63.0 lbs	<b>SEQN:</b> 30235 / T28 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 24.48 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.004 D 999 360 VERT(TL): 0.007 D 999 240 HORIZ(LL): -0.003 E - - HORIZ(TL): 0.008 D - - Creep Factor: 2.0 Max TC CSI: 0.141 Max BC CSI: 0.106 Max Web CSI: 0.505 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or * =PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL L* 76 /- /- /48 /10 /20 Wind reactions based on MWFRS L Brg Wid = 108 Min Req = - Bearing A is a rigid surface.  <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. A - B 0 -121 D - G 51 -145 B - C 7 -84 E - F 284 -87 C - D 42 -194 G - H 5 -35 C - E 234 -70 H - I 0 -1
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**Lumber**  
Top chord: 2x4 SP #2;  
Bot chord: 2x4 SP #2;  
Webs: 2x4 SP #2;  
Stack Chord: SC1 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**  
Right end vertical not exposed to wind pressure.  
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/999.

**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.  
  
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.  
  
See applicable standard valley or piggyback details for more requirements.  
  
Top Chord overhang(s) may be field trimmed.

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - K	56 -4	F - J	259 -57
K - F	52 -4		

**Maximum Web Forces Per Ply (lbs)**


Webs	Tens.Comp.	Webs	Tens. Comp.
C - K	0 -177	H - J	12 -10

**Maximum Gable Forces Per Ply (lbs)**

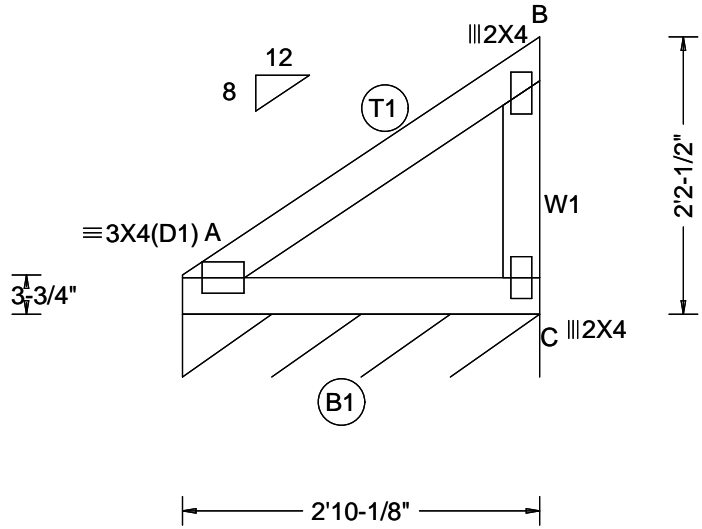
Gables	Tens.Comp.	Gables	Tens. Comp.
D - E	90 -33	F - G	218 -150

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<b>Truss Label:</b> <b>PB13</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 7 <b>Wgt:</b> 12.6 lbs	<b>SEQN:</b> 30307 / T56 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 22.72 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): NA VERT(TL): NA HORZ(LL): 0.001 A - - HORZ(TL): 0.002 A - - Creep Factor: 2.0 Max TC CSI: 0.144 Max BC CSI: 0.084 Max Web CSI: 0.044 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or *PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 84 /- /- /59 /5 /18 Wind reactions based on MWFRS C Brg Wid = 34.1 Min Req = - Bearing A is a rigid surface. <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. A - B 39 -91  <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. A - C 165 -26  <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. B - C 151 -77
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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 @ 34" 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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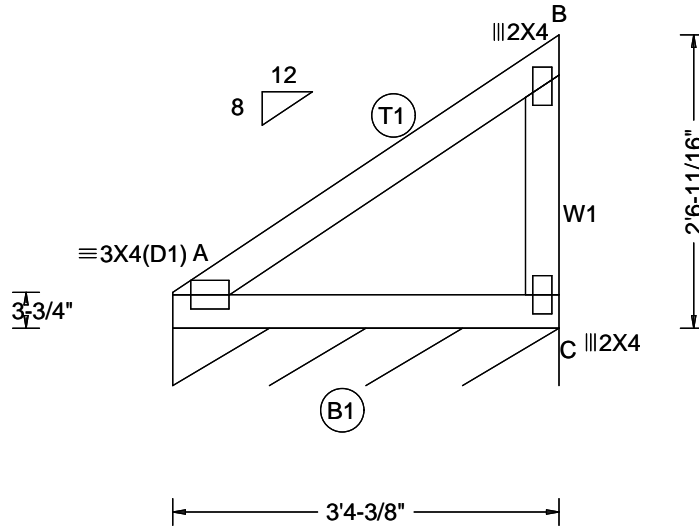
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<b>Truss Label:</b> <b>PB14</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 4 <b>Wgt:</b> 15.4 lbs	<b>SEQN:</b> 30329 / T57 / VAL <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 22.89 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): NA VERT(TL): NA HORZ(LL): 0.002 A - - HORZ(TL): 0.004 A - - Creep Factor: 2.0 Max TC CSI: 0.207 Max BC CSI: 0.119 Max Web CSI: 0.059 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs), or *PLF</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL C* 84 /- /- /59 /6 /18 Wind reactions based on MWFRS C Brg Wid = 40.4 Min Req = - Bearing A is a rigid surface.
				<b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. A - B 46 -102

<b>Lumber</b> Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #2;	<b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. A - C 191 -30
	<b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. B - C 169 -92

**Purlins**  
In lieu of rigid ceiling provide lateral bracing to brace BC @ 40" 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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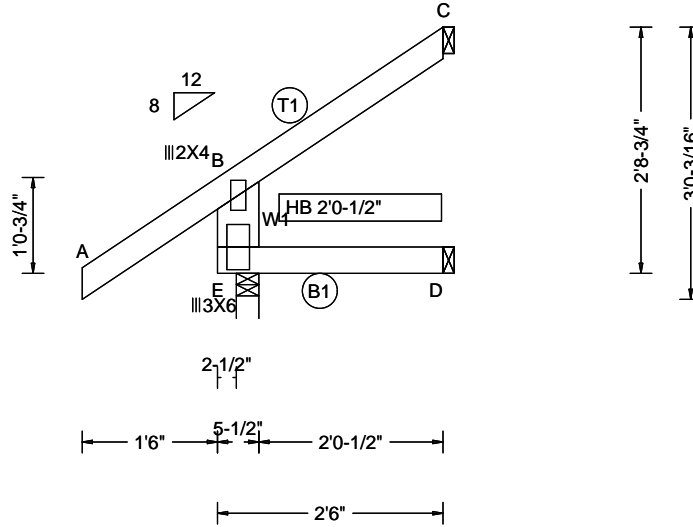
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3670 COMMERCE CENTER DRIVE  
SEBRING, FL 33870  
(863)385-8242

For more information see this job's general notes page and these web sites: ALPINE: [www.alpineitw.com](http://www.alpineitw.com); TPI: [www.tpinst.org](http://www.tpinst.org); SBCEA: [www.sbceaindustry.com](http://www.sbceaindustry.com); ICC: [www.iccsafe.org](http://www.iccsafe.org)

<b>Truss Label:</b> <b>EJ3</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 4 <b>Wgt:</b> 13.3 lbs	<b>SEQN:</b> 30274 / T150 / EJAC <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.000 B 999 360 VERT(TL): 0.000 B 999 240 HORIZ(LL): 0.000 B - - HORIZ(TL): 0.000 B - - Creep Factor: 2.0 Max TC CSI: 0.276 Max BC CSI: 0.066 Max Web CSI: 0.055 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> Gravity Non-Gravity Loc R+ / R- / Rh / Rw / U / RL																																		
				<table border="1"> <tr> <td>E</td><td>230</td><td>-</td><td>-</td><td>/86</td><td>/68</td><td>-</td></tr> <tr> <td>D</td><td>50</td><td>-</td><td>-</td><td>/25</td><td>-</td><td>-</td></tr> <tr> <td>C</td><td>80</td><td>-</td><td>-</td><td>/59</td><td>-</td><td>/61</td></tr> </table> <p>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.</p> <b>Maximum Top Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. Chords Tens. Comp. <table border="1"> <tr> <td>A - B</td><td>53</td><td>0</td><td>B - C</td><td>263</td><td>-60</td></tr> </table> <b>Maximum Bot Chord Forces Per Ply (lbs)</b> Chords Tens.Comp. <table border="1"> <tr> <td>E - D</td><td>0</td><td>0</td></tr> </table> <b>Maximum Web Forces Per Ply (lbs)</b> Webs Tens.Comp. <table border="1"> <tr> <td>B - E</td><td>435</td><td>-205</td></tr> </table>						E	230	-	-	/86	/68	-	D	50	-	-	/25	-	-	C	80	-	-	/59	-	/61	A - B	53	0	B - C	263	-60	E - D	0
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A - B	53	0	B - C	263	-60																																	
E - D	0	0																																				
B - E	435	-205																																				

**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.

**EDDIE JESUS MEJIA-MEDINA**  
P.E.  
#98829

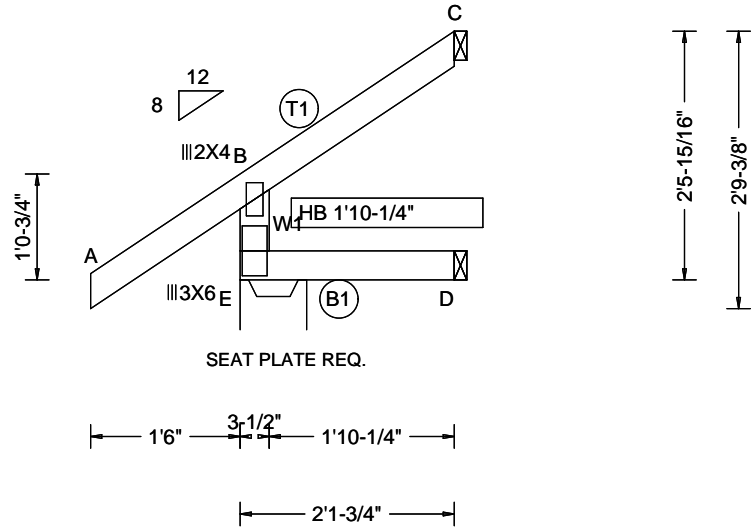
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3670 COMMERCE CENTER DRIVE  
SEBRING, FL 33870  
(863)385-8242

<b>Truss Label:</b> <b>J2</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 12.6 lbs	<b>SEQN:</b> 30135 / T18 / JACK <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> TCCL: 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCCL: 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 4.50 ft GCpi: 0.18 Wind Duration: 1.60	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	<b>Defl/CSI Criteria</b> 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: 0.269 Max BC CSI: 0.047 Max Web CSI: 0.076 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>E</td> <td>220</td> <td>/-</td> <td>/-</td> <td>/81</td> <td>/90</td> <td>/-</td> </tr> <tr> <td>D</td> <td>43</td> <td>/-</td> <td>/-</td> <td>/21</td> <td>/-</td> <td>/-</td> </tr> <tr> <td>C</td> <td>69</td> <td>/-</td> <td>/-</td> <td>/56</td> <td>/-</td> <td>/78</td> </tr> </tbody> </table>						Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	E	220	/-	/-	/81	/90	/-	D	43	/-	/-	/21	/-	/-	C	69	/-	/-	/56	/-	/78
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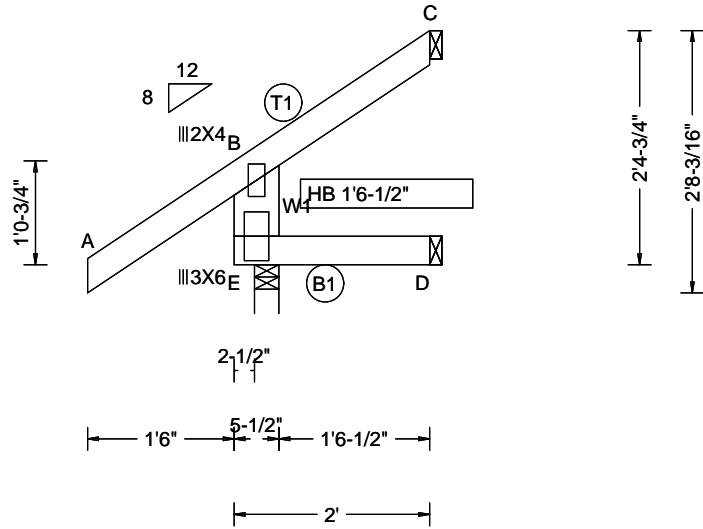
<b>Lumber</b> Top chord: 2x4 SP #2; Bot chord: 2x4 SP #2; Webs: 2x4 SP #2; <b>Purlins</b> In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc <b>Wind</b> Left end vertical not exposed to wind pressure. Wind loading based on both gable and hip roof types. <b>Additional Notes</b> Top Chord overhang(s) may be field trimmed. Provide (2) 16d toe-nails at top chord. Provide (2) 16d toe-nails at bottom chord.	<b>▲ Maximum Top Chord Forces Per Ply (lbs)</b> <table border="1"> <thead> <tr> <th>Chords</th> <th>Tens.Comp.</th> <th>Chords</th> <th>Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>A - B</td> <td>53</td> <td>0</td> <td>B - C 257</td> </tr> </tbody> </table>		Chords	Tens.Comp.	Chords	Tens. Comp.	A - B	53	0	B - C 257
	Chords	Tens.Comp.	Chords	Tens. Comp.						
	A - B	53	0	B - C 257						
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**EDDIE JESUS MEJIA-MEDINA**  
 P.E.  
 #98829

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<b>Truss Label:</b> <b>EJ2</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 2 <b>Wgt:</b> 11.9 lbs	<b>SEQN:</b> 30137 / T27 / EJAC <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCCL: 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> 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: 0.266 Max BC CSI: 0.040 Max Web CSI: 0.054 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>E</td> <td>216</td> <td>/-</td> <td>/-</td> <td>/77</td> <td>/88</td> <td>/-</td> </tr> <tr> <td>D</td> <td>40</td> <td>/-</td> <td>/-</td> <td>/20</td> <td>/-</td> <td>/-</td> </tr> <tr> <td>C</td> <td>64</td> <td>/-</td> <td>/-</td> <td>/55</td> <td>/-</td> <td>/74</td> </tr> </tbody> </table>						Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	E	216	/-	/-	/77	/88	/-	D	40	/-	/-	/20	/-	/-	C	64	/-	/-	/55	/-	/74
				Loc	Gravity			Non-Gravity																																			
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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.

**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 427 -196

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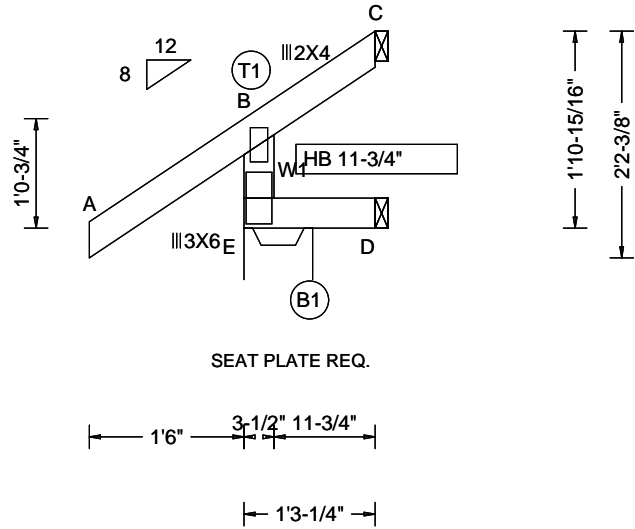
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**SCOSTA CORPORATION**  
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For more information see this job's general notes page and these web sites: ALPINE: [www.alpineitw.com](http://www.alpineitw.com); TPI: [www.tpinet.org](http://www.tpinet.org); SBCA: [www.sbcindustry.com](http://www.sbcindustry.com); ICC: [www.iccsafe.org](http://www.iccsafe.org)

<b>Truss Label:</b> <b>J1B</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 1 <b>Wgt:</b> 9.8 lbs	<b>SEQN:</b> 30139 / T19 / JACK <b>DESIGNER:</b> CLG 10/24/2025
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SEAT PLATE REQ.

<b>Loading Criteria (psf)</b> TCCL: 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCCL: 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Varies by FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> 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: 0.290 Max BC CSI: 0.015 Max Web CSI: 0.076 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>E</td> <td>274</td> <td>-</td> <td>-</td> <td>/67</td> <td>/87</td> <td>-</td> </tr> <tr> <td>D</td> <td>25</td> <td>-</td> <td>-</td> <td>/13</td> <td>-</td> <td>-</td> </tr> <tr> <td>C</td> <td>41</td> <td>-52</td> <td>-</td> <td>/55</td> <td>/12</td> <td>/57</td> </tr> </tbody> </table>						Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	E	274	-	-	/67	/87	-	D	25	-	-	/13	-	-	C	41	-52	-	/55	/12	/57
				Loc	Gravity			Non-Gravity																																			
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**Lumber**  
 Top chord: 2x4 SP #2;  
 Bot chord: 2x4 SP #2;  
 Webs: 2x4 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 1.27  
 BC: From 20 plf at 0.00 to 20 plf at 1.27  
 TC: 31 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.  
 Wind loading based on both gable and hip roof types.

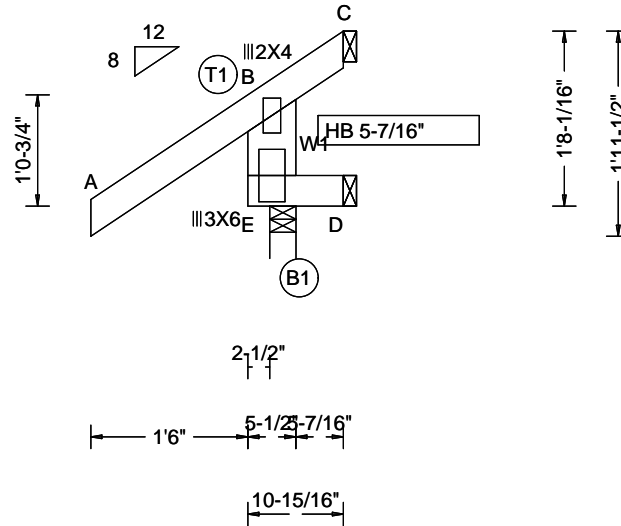
**Additional Notes**  
 Top Chord overhang(s) may be field trimmed.  
 Provide (2) 16d toe-nails at top chord.  
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<b>Truss Label:</b> <b>J1A</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 2 <b>Wgt:</b> 9.1 lbs	<b>SEQN:</b> 30141 / T187 / JACK <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA  <b>Bldg Code:</b> FBC 8th Ed. 2023 Res. TPI Std: 2014 Rep Factors Used: Yes FT/RT:20(0)/10(0) Plate Type(s): WAVE	<b>Defl/CSI Criteria</b> 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: 0.065 Mfg Specified Camber:  VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>E</td> <td>213</td> <td>/-</td> <td>/-</td> <td>/63</td> <td>/94</td> <td>/-</td> </tr> <tr> <td>D</td> <td>18</td> <td>/-</td> <td>/-</td> <td>/9</td> <td>/-</td> <td>/-</td> </tr> <tr> <td>C</td> <td>29</td> <td>/-50</td> <td>/-</td> <td>/65</td> <td>/9</td> <td>/48</td> </tr> </tbody> </table>						Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	E	213	/-	/-	/63	/94	/-	D	18	/-	/-	/9	/-	/-	C	29	/-50	/-	/65	/9	/48
				Loc	Gravity			Non-Gravity																																			
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Chords	Tens.Comp.		Chords	Tens. Comp.																																							
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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.

**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	518 -204

EDDIE JESUS MEJIA-MEDINA  
P.E.  
#98829

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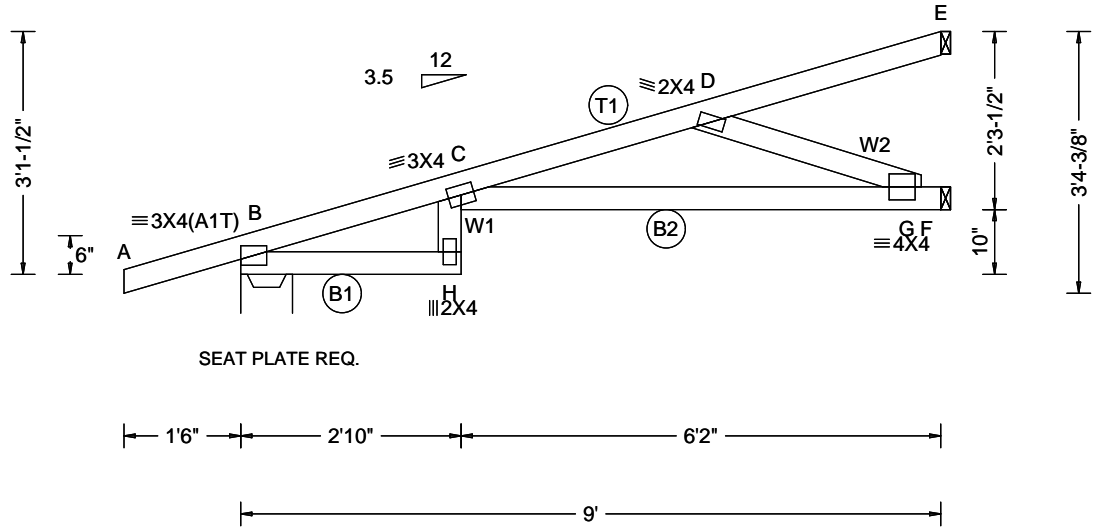
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3670 COMMERCE CENTER DRIVE  
SEBRING, FL 33870  
(863)385-8242

<b>Truss Label:</b> <b>EJ9A</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 4 <b>Wgt:</b> 37.8 lbs	<b>SEQN:</b> 30051 / T20 / EJAC <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> TCCL: 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 "	<b>Wind Criteria</b> Wind Std: ASCE 7-22 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCCL: 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.213 C 497 360 VERT(TL): 0.430 C 246 240 HORZ(LL): 0.086 G - - HORZ(TL): 0.173 G - - Creep Factor: 2.0 Max TC CSI: 0.578 Max BC CSI: 0.558 Max Web CSI: 0.126 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b> <table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>/R-</th> <th>/Rh</th> <th>/Rw</th> <th>/U</th> <th>/RL</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>470</td> <td>-</td> <td>-</td> <td>/215</td> <td>/87</td> <td>/105</td> </tr> <tr> <td>F</td> <td>319</td> <td>-</td> <td>/0</td> <td>/184</td> <td>/52</td> <td>/0</td> </tr> <tr> <td>E</td> <td>47</td> <td>-/13</td> <td>-</td> <td>/10</td> <td>/27</td> <td>-</td> </tr> </tbody> </table>						Loc	Gravity			Non-Gravity			R+	/R-	/Rh	/Rw	/U	/RL	B	470	-	-	/215	/87	/105	F	319	-	/0	/184	/52	/0	E	47	-/13	-	/10	/27	-
				Loc	Gravity			Non-Gravity																																			
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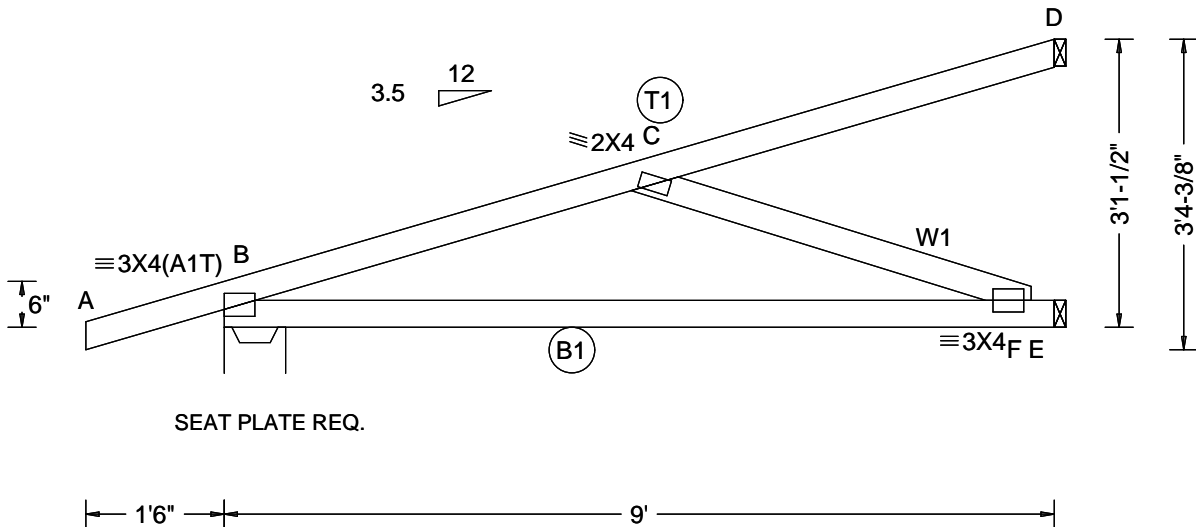
<b>Lumber</b> Top chord: 2x4 SP 2400f-2.0E; Bot chord: 2x4 SP #2; Webs: 2x4 SP #2; <b>Purlins</b> In lieu of rigid ceiling provide lateral bracing to brace BC @ 24" oc <b>Wind</b> Wind loading based on both gable and hip roof types. <b>Additional Notes</b> Top Chord overhang(s) may be field trimmed. Provide (2) 16d toe-nails at top chord. Provide (3) 16d toe-nails at bottom chord.	<b>Maximum Top Chord Forces Per Ply (lbs)</b> <table border="1"> <thead> <tr> <th rowspan="2">Chords</th> <th colspan="2">Tens.Comp.</th> <th rowspan="2">Chords</th> <th colspan="2">Tens. Comp.</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>A - B</td> <td>26</td> <td>0</td> <td>C - D</td> <td>494</td> <td>-709</td> </tr> <tr> <td>B - C</td> <td>0</td> <td>-115</td> <td>D - E</td> <td>13</td> <td>-40</td> </tr> </tbody> </table>						Chords	Tens.Comp.		Chords	Tens. Comp.						A - B	26	0	C - D	494	-709	B - C	0	-115	D - E	13	-40
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<b>Truss Label:</b> <b>EJ9</b>	<b>Job Number:</b> 21338 <b>Job Name:</b> POWELL <b>Customer Name:</b> JM PROPERTIES OF W. PALM BEACH, INC	<b>Ply:</b> 1 <b>Qty:</b> 18 <b>Wgt:</b> 36.4 lbs	<b>SEQN:</b> 30047 / T22 / EJAC <b>DESIGNER:</b> CLG 10/24/2025
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<b>Loading Criteria (psf)</b> 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 "	<b>Wind Criteria</b> 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	<b>Snow Criteria (Pg,Pf in PSF)</b> Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA	<b>Defl/CSI Criteria</b> PP Deflection in loc L/defl L/# VERT(LL): 0.025 F 999 360 VERT(TL): 0.052 F 999 240 HORZ(LL): 0.007 B - - HORZ(TL): 0.014 B - - Creep Factor: 2.0 Max TC CSI: 0.317 Max BC CSI: 0.786 Max Web CSI: 0.195 Mfg Specified Camber: VIEW Ver: 24.02.01D.0602.19	<b>▲ Maximum Reactions (lbs)</b>																															
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D	106	-	-	/36	/42	-																													

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

<b>Maximum Top Chord Forces Per Ply (lbs)</b>					
Chords	Tens.Comp.		Chords	Tens. Comp.	
	A - B	26		0	C - D
B - C	337	-545			

<b>Maximum Bot Chord Forces Per Ply (lbs)</b>					
Chords	Tens.Comp.		Chords	Tens. Comp.	
	B - F	498		-458	F - E


  

<b>Maximum Web Forces Per Ply (lbs)</b>		
Webs	Tens.Comp.	
C - F	489	-532

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P.E.  
#98829

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WOOD, STEEL OR TIMBER  
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# 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.

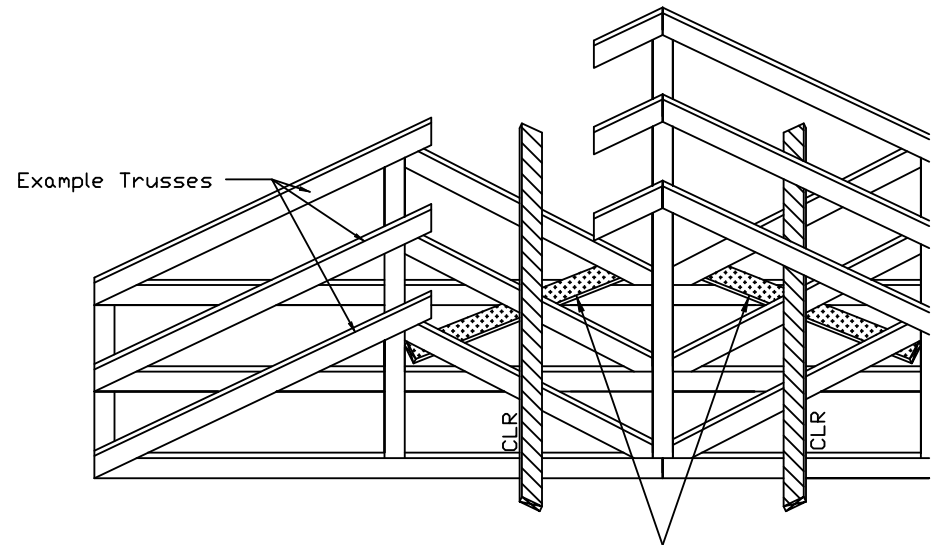
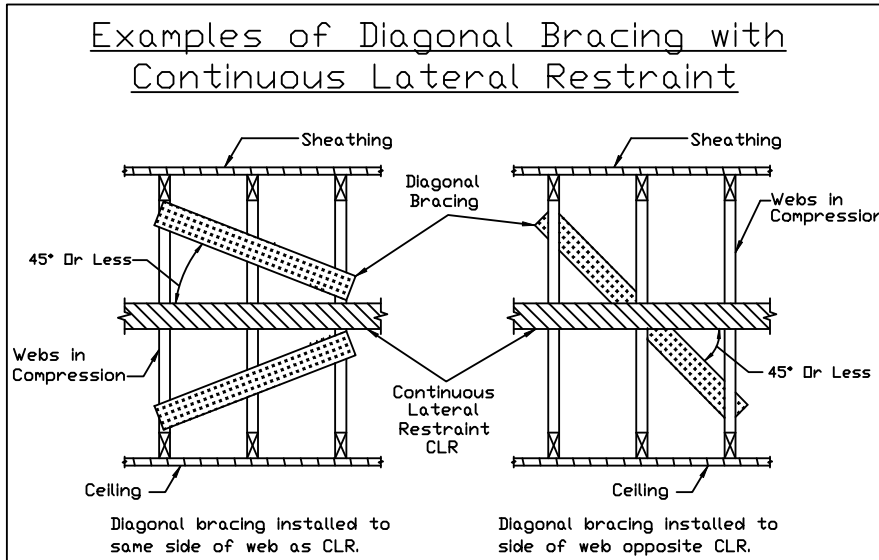
Install the diagonal bracing at an angle of less-than-or-equal-to 45° to the CLR and position so that it crosses the web in close proximity to the CLR. Attach the diagonal brace as close to the top and bottom chords as possible and to each web it crosses.

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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REF CLR Bracing

DATE 10/01/14

DRWG BRCLBANC1014

# 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.

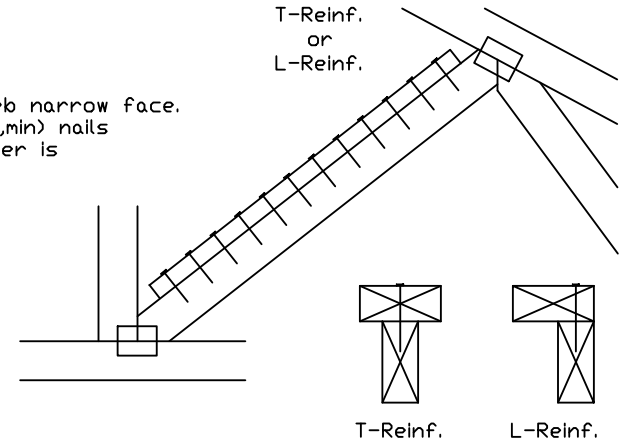
Web Member Size	Specified CLR Restraint	Alternative Reinforcement T- or L- Reinf.	Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x4(*)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6(*)

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.

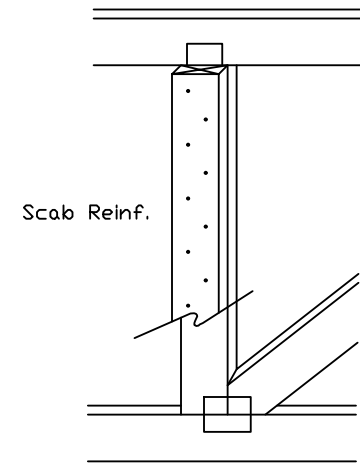
## T-Reinforcement OR L-Reinforcement:

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

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & 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](http://www.alpineitw.com) TPI: [www.tpinst.org](http://www.tpinst.org) SBCA: [www.sbcacomponents.com](http://www.sbcacomponents.com) ICC: [www.iccsafe.org](http://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		

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

## Scabbed Piggyback Detail

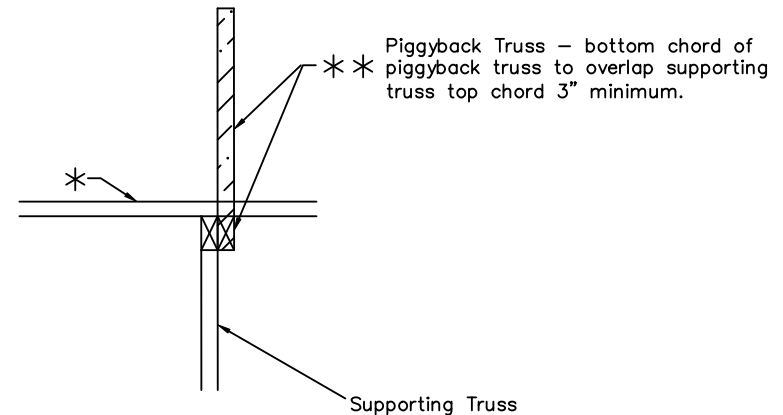
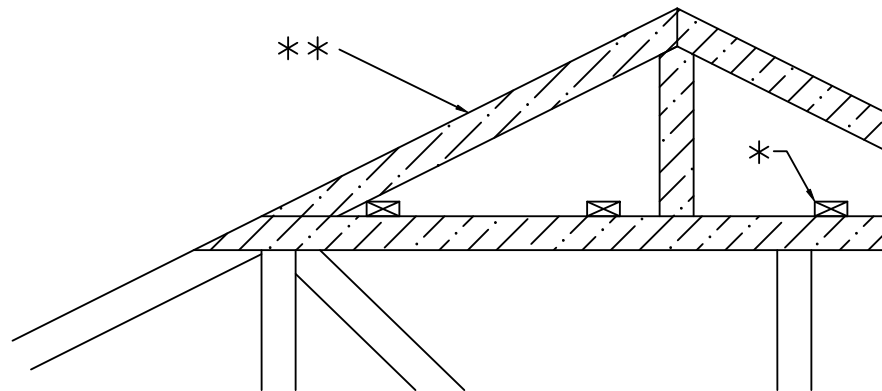
Note: Top chords of trusses supporting piggyback cap trusses must be adequately braced by sheathing or Continuous Lateral Bracing (CLB/purlins). The building Engineer of Record shall design CLB/purlins and diagonal bracing or any other necessary anchorage to permanently restrain purlins.

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.



\* \* Piggyback Truss – bottom chord of piggyback truss to overlap supporting truss top chord 3" minimum.

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

# 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.

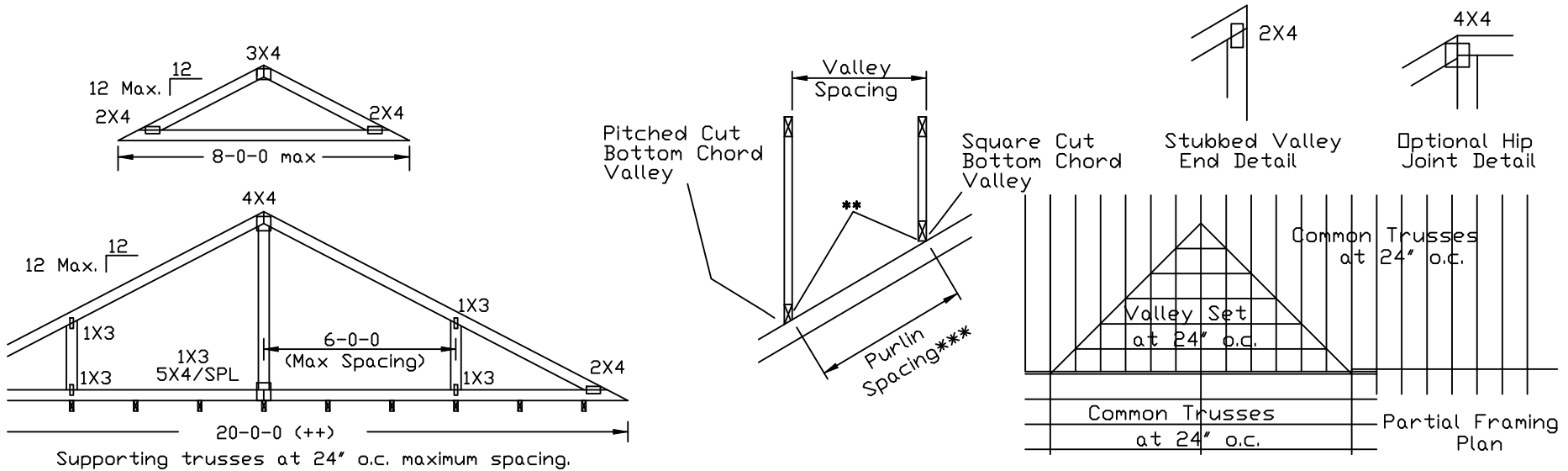
All plates shown are Alpine Wave Plates.

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".



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155 Harlem Ave  
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 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"				