



Alpine, an ITW Company
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
Phone: (800)755-6001
alpineitw.com

Site Information:

Customer: Seminole Trusses, Inc.	Job Number: B47080a
Job Description: FLOWERS SHOP -FLOWERS SHOP 84 Lumber Co.	
Address: 207 SE CONDOR GLEN	City, State, Zip: Lake City, FL 32643

Name, Address and License # of Structural EOR if one exists for the building:

Name:	License #:	State:
Address:		City, State, Zip:

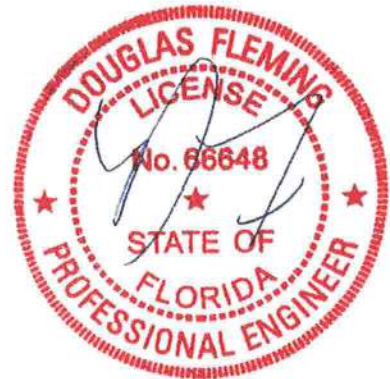
Job Engineering Criteria:

Design Code: FBC 2017 RES	View Version: 17.02.02.1213.21	JRef #: 1W9f8570001
Wind Standard: ASCE 7-10	Wind Speed (mph): 130	Roof Load (psf): 20.00-10.00- 0.00- 10.00
		Floor Load (psf): None

This package contains a job notes page, 10 truss drawings and 3 details.

Item	Seal #	Truss
1	079.18.1641.18553	A1-DG 40' Gable
3	079.18.1641.43823	A3-SDG 40' Gable
5	079.18.1642.09963	B2 40' Common
7	079.18.1642.22777	C2 18'5" Special
9	079.18.1642.34540	PB1-G 12' Drop Gable

Item	Seal #	Truss
2	079.18.1641.21600	A2 40' Common
4	079.18.1642.07207	B1-SDG 40' Gable
6	079.18.1642.12503	C1-DG 18' Gable
8	079.18.1642.31663	D1 6' Common
10	079.18.1643.03713	PB2 12' Common



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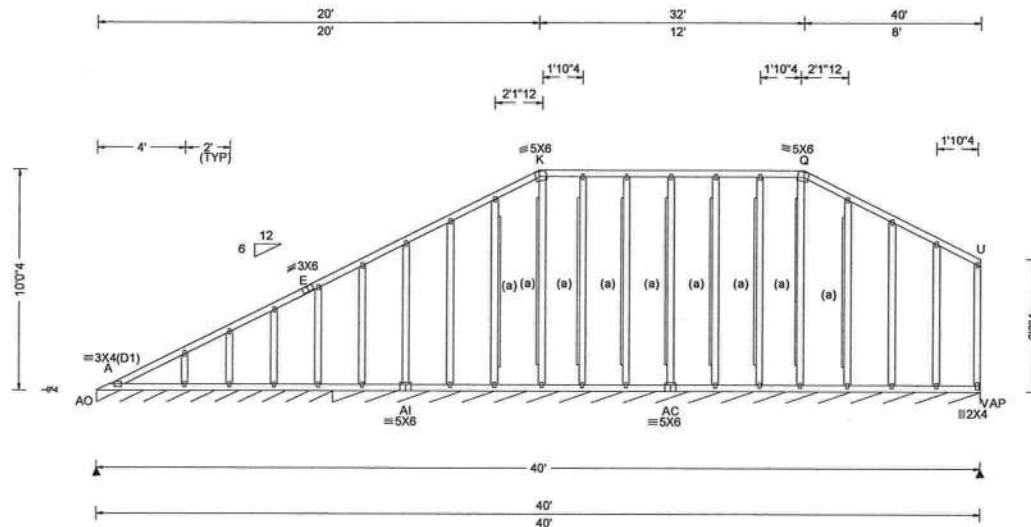
03/20/2018

Job Number: B47080a
 FLOWERS SHOP -FLOWERS SHOP 84 Lumber Co.
 Truss Label: A1-DG 40' Gable

Ply: 1
 Qty: 1

SEQN: 809747 / T3 GABL
 FROM: R.JL

Cust: R857 JRef: 1W9f8570001
 DrwNo: 079.18.1641.18553
 AK / DF 03/20/2018



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0"	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.26 ft TCDL: 4.2 psf BCDL: 5.2 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 4.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Factors Used: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.008 AN 999 360 VERT(TL): 0.028 AN 999 240 HORZ(LL): 0.005 T - - HORZ(TL): 0.008 T - - Creep Factor: 2.0 Max TC CSI: 0.186 Max BC CSI: 0.182 Max Web CSI: 0.143 VIEW Ver: 17.02.02A.1213.21	Loc R / U / Rw / Rh / RL / W AO*122 / 23 / 65 / - / 31 / 128 AP*148 / 27 / 54 / - / - / 352 Wind reactions based on MWFRS AO Min Brg Width Req = - AP Min Brg Width Req = - Bearings AO & AK are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - E 263 -376 Q - U 383 -71 E - K 381 -226

Lumber

Top chord 2x4 SP #1
 Bot chord 2x4 SP #1
 Webs 2x4 SP #3

Bracing

(a) 1x4 #3SRB SPF-S or better "L" reinforcement.
 80% length of web member. Attach with 8d Box or
 Gun (0.113"x2.5",min.)nails @ 6" oc.

Plating Notes

All plates are 1.5X3 except as noted.

Loading

Truss designed to support 1-6-0 top chord outlookers
 and cladding load not to exceed 5.00 PSF one face
 and 24.0" span opposite face. Top chord must not be
 cut or notched, unless specified otherwise.

Purlins

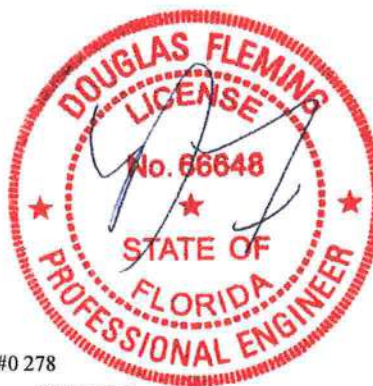
In lieu of structural panels use purlins to brace all flat
 TC @ 24" oc.

Wind

Wind loads based on MWFRS with additional C&C
 member design.
 Right end vertical not exposed to wind pressure.

Additional Notes

See DWGS A14030ENC101014 & GBLLETIN1014 for
 gable wind bracing and other requirements.



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

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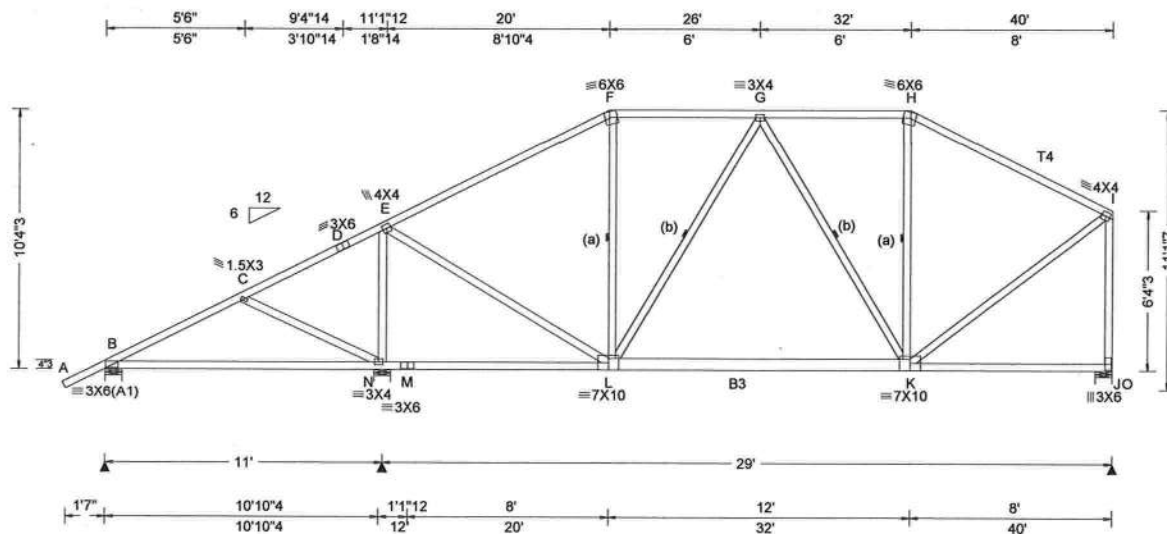
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ALPINE
 AN ITW COMPANY
 2400 Lake Orange Dr.
 Suite 150
 Orlando FL, 32837

Cust: R857 JRef: 1W9f8570001
 DrwNo: 079.18.1641.21600
 AK / DE 03/20/2018



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00	Wind Std: ASCE 7-10	Pg: NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#	Loc R / U / Rw / Rh / RL / W
TCDL: 10.00	Speed: 130 mph	Pf: NA Ce: NA	VERT(LL): 0.036 G 999 360	B 507 / 57 / 355 / - / 238 / 8.0
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(TL): 0.097 G 999 240	N 1951 / 383 / 1054 / - / - / 8.0
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.008 F - -	O 1451 / 226 / 673 / - / - / 8.0
	EXP: C		HORZ(TL): 0.015 F - -	Wind reactions based on MWFRS
Des Ld: 40.00	Mean Height: 15.01 ft		Creep Factor: 2.0	B Min Brg Width Req = 1.5
NCBCLL: 10.00	TCDL: 4.2 psf	Code / Misc Criteria	Max TC CSI: 0.802	N Min Brg Width Req = 2.3
Soffit: 0.00	BCDL: 5.2 psf	Bldg Code: FBC 2017 RES	Max BC CSI: 0.755	O Min Brg Width Req = 1.7
Load Duration: 1.25	MWFRS Parallel Dist: 0 to h/2	TPI Std: 2014	Max Web CSI: 0.983	Bearings B, N, & O are a rigid surface.
Spacing: 24.0 "	C&C Dist a: 4.00 ft	Rep Factors Used: No		
	Loc. from endwall: Any	FT/RT:20(0)/10(0)		
	GCpi: 0.18	Plate Type(s):		
	Wind Duration: 1.60	WAVE		
			VIEW Ver: 17.02.02A.1213.21	
				Members not listed have forces less than 375#
				Maximum Top Chord Forces Per Ply (lbs)
				Chords, Tens Comp, Chords, Tens Comp

Lumber

Top chord 2x4 SP #1 :T4 2x4 SP M-30:
Bot chord 2x4 SP #1 :B3 2x6 SP #1:
Webs 2x4 SP #3

Bracing

(a) Continuous lateral restraint equally spaced on member. Or 1x4 #3SRB SPF-S or better "T" reinforcement. 80% length of web member. Attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" oc.

(b) Continuous lateral restraint equally spaced on member. Or 2x6 #3 or better "T" reinforcement. 80% length of web member. Attached with 16d Box or Gun (0.135"x3.5", 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.

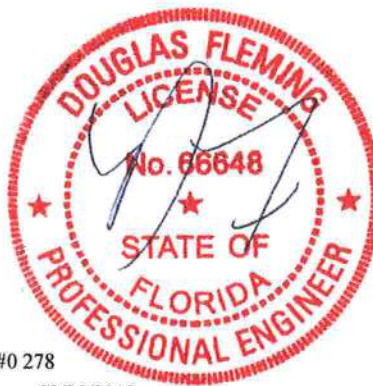
Purlins

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

Wind

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

Right end vertical not exposed to wind pressure.



#0 278

03/20/2018

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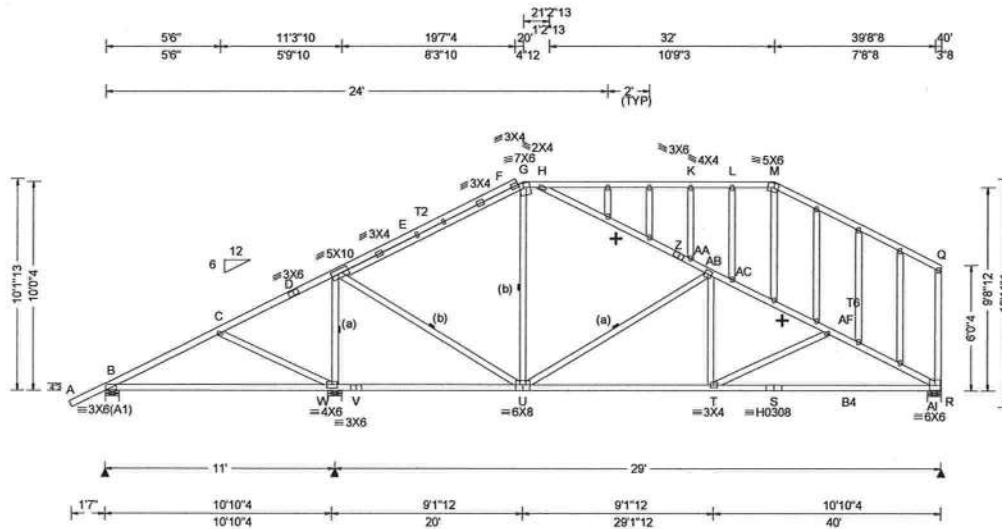


Job Number: B47080a
FLOWERS SHOP - FLOWERS SHOP 84 Lumber Co.
Truss Label: A3-SDG 40' Gable

Ply: 1
Qty: 1

SEQN: 809744 / T4
FROM: RJL

Cust: R857 JRef: 1W9/8570001
DrwNo: 079.18.1641.43823
AK / DF 03/20/2018



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 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C
Mean Height: 15.00 ft
TCDL: 4.2 psf
BCDL: 5.2 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 4.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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

Code / Misc Criteria
Bldg Code: FBC 2017 RES
TPI Std: 2014
Rep Factors Used: No
FT/RT: 20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria
PP Deflection in loc L/def L/#
VERT(LL): 0.268 I 999 360
VERT(TL): 0.957 I 571 240
HORZ(LL): 0.086 Q - -
HORZ(TL): 0.197 Q - -
Creep Factor: 2.0
Max TC CSI: 0.919
Max BC CSI: 0.930
Max Web CSI: 0.983

VIEW Ver: 17.02.02A.1213.21

Maximum Reactions (lbs)

Loc	R	U	Rw	Rh	RL	W
B	460	/80	/333	-	/365	/8.0
W	3317	/654	/1507	-	-	/8.0
AI	2057	/368	/789	-	-	/8.0

Wind reactions based on MWFRS

B Min Brg Width Req = 1.5
W Min Brg Width Req = 3.9
AI Min Brg Width Req = 2.1
Bearings B, W, & AI are a rigid surface.

Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
G - F	1054 - 1208	E - D	942 - 1839
C - D	728 - 380	F - G	651 - 1065
D - E	850 - 357	G - H	805 - 1218

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
W - V	176 - 417	T - S	3262 - 1234
V - U	176 - 417	S - R	3262 - 1234
U - T	2674 - 832		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - W	437 - 693	AA-AB	588 - 1679
W - E	1242 - 2893	AB- T	467 - 183
E - U	1946 - 638	AB-AC	900 - 2789
U - AB	567 - 1717	T-AF	477 - 638
H - Z	529 - 1459	AC-AF	1043 - 3190
Z - AA	529 - 1459	AF- R	1443 - 3790

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.Comp.	Gables	Tens. Comp.
AA- K	159 - 510	AC- L	155 - 482

Lumber

Top chord 2x4 SP #1 :T2, T6 2x4 SP M-30:
Bot chord 2x4 SP #1 :B4 2x4 SP SS Dense:
Webs 2x4 SP #3

Bracing

(b) Continuous lateral restraint equally spaced on member. Or 1x4 #3SRB SPF-S or better "T" reinforcement. 80% length of web member. Attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" oc.
(a) Continuous lateral restraint equally spaced on member. Or 2x6 #3 or better "T" reinforcement. 80% length of web member. Attached with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" oc.

Plating Notes

All plates are 1.5X3 except as noted.

Loading

Truss designed to support 1-6-0 top chord outlookers and cladding load not to exceed 5.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Purlins

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

Wind

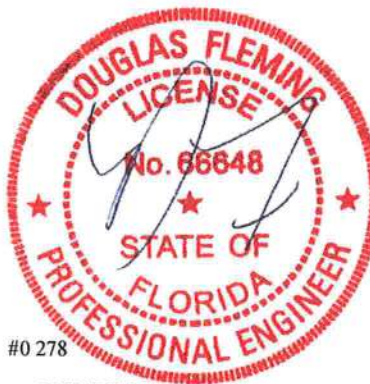
Wind loads based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Additional Notes

See DWGS A14015ENC101014 & GBLLETIN1014 for gable wind bracing and other requirements.

+ Member to be laterally braced for horizontal wind load. Bracing system to be designed and furnished by others.



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03/20/2018

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ANITW COMPANY
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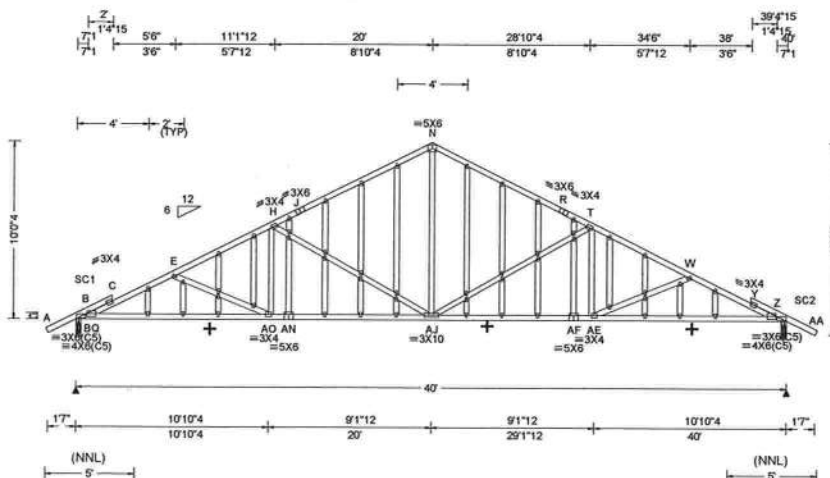
Job Number: B47080a
 FLOWERS SHOP -FLOWERS SHOP 84 Lumber Co.
 Truss Label: B1-SDG 40' Gable

Ply: 2
 Qty: 1

SEQN: 809742 / T7 GABL
 FROM: RJL

Cust: R857 JRef: 1W9f8570001
 DrwNo: 079.18.1642.07207
 AK / DF 03/20/2018

2 Complete Trusses Required



Loading Criteria (psf)	
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 Criteria	
Wind Std:	ASCE 7-10
Speed:	130 mph
Enclosure:	Closed
Risk Category:	II
EXP:	C
Mean Height:	15.00 ft
TCCL:	4.2 psf
BCDL:	5.2 psf
MWFRS Parallel Dist:	0 to h/2
C&C Dist a:	4.00 ft
Loc. from endwall:	Any
GCpi:	0.18
Wind Duration:	1.60

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

Code / Misc Criteria	
Bldg Code:	FBC 2017 RES
TPI Std:	2014
Rep Factors Used:	No
FT/RT:	20(0)/10(0)
Plate Type(s):	WAVE

Defl/CSI Criteria	
PP Deflection in	loc L/def L/#
VERT(LL):	0.225 AL 999 360
VERT(TL):	0.726 AL 994 240
HORZ(LL):	0.072 L - -
HORZ(TL):	0.152 L - -
Creep Factor:	2.0
Max TC CSI:	0.655
Max BC CSI:	0.889
Max Web CSI:	0.980

▲ Maximum Reactions (lbs)					
Loc	R	/ U	/ Rw	/ Rh	/ RL / W
BQ 2802	/ 550	/ 1353	/ -	/ 476	/ 3.5
Z 2802	/ 550	/ 1353	/ -	/ -	/ 3.5
Wind reactions based on MWFRS					
BQ	Min Brg Width Req =	1.7			
Z	Min Brg Width Req =	1.7			
Bearings BQ & Z are a rigid surface.					

Members not listed have forces less than 375#					
Maximum Top Chord Forces Per Ply (lbs)					
Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	1252	- 2790	N - R	869	- 1657
C - E	1286	- 2744	R - T	795	- 1725
E - H	1088	- 2388	T - W	1089	- 2388
H - J	795	- 1725	W - Y	1287	- 2744
J - N	869	- 1657	Y - Z	1253	- 2790

Maximum Bot Chord Forces Per Ply (lbs)					
Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - AO	2474	- 1010	AJ - AF	2075	- 704
AO - AN	2075	- 704	AF - AE	2075	- 704
AN - AJ	2075	- 704	AE - Z	2474	- 998

Maximum Web Forces Per Ply (lbs)					
Webs	Tens.	Comp.	Webs	Tens.	Comp.
E - AO	328	- 427	AJ - T	407	- 751
H - AJ	407	- 751	AE - W	328	- 427
N - AJ	1047	- 571			

Lumber

Top chord 2x4 SP #1
 Bot chord 2x4 SP #1
 Webs 2x4 SP #3
 :Stack Chord SC1 2x4 SP #1:
 :Stack Chord SC2 2x4 SP #1:

Nailnote

Nail Schedule: 0.128"x3", 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 1.5X3 except as noted.

Loading

Truss designed to support 1-6-0 top chord outlookers and cladding load not to exceed 5.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Wind

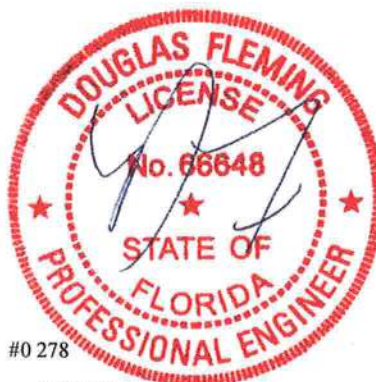
Wind loads based on MWFRS with additional C&C member design.

+ Member to be laterally braced for horizontal wind load. Bracing system to be designed and furnished by others.

Additional Notes

See DWGS A14015ENC101014 & GBLLETIN1014 for gable wind bracing and other requirements.

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



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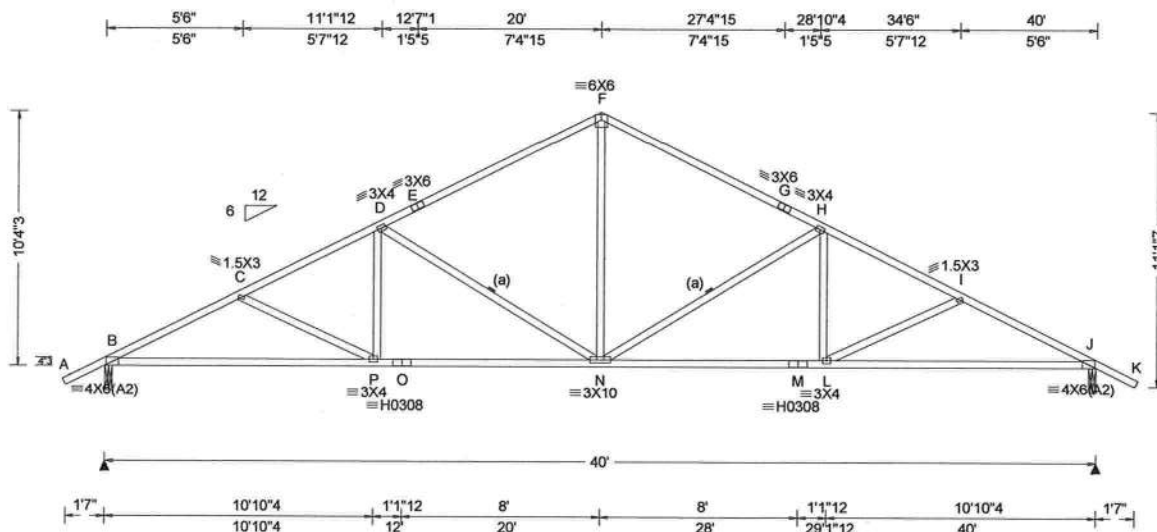
ALPINE
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 Suite 150
 Orlando FL, 32837

Job Number: B47080a
 FLOWERS SHOP - FLOWERS SHOP 84 Lumber Co.
 Truss Label: B2 40' Common

Ply: 1
 Qty: 17

SEQN: 809735 / T2
 FROM: RJL

COMN
 Cust: R857 JRef: 1W9f8570001
 DrwNo: 079.18.1642.09963
 AK / DF 03/20/2018



Loading Criteria (psf)

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 Criteria

Wind Std: ASCE 7-10
 Speed: 130 mph
 Enclosure: Closed
 Risk Category: II
 EXP: C
 Mean Height: 15.01 ft
 TCCL: 4.2 psf
 BCDL: 5.2 psf
 MWFRS Parallel Dist: 0 to h/2
 C&C Dist a: 4.00 ft
 Loc. from endwall: Any
 GCpi: 0.18
 Wind Duration: 1.60

Snow Criteria (Pg.Pf in PSF)

Pg: NA Ct: NA CAT: NA
 Pf: NA Ce: NA
 Lu: NA Cs: NA
 Snow Duration: NA

Code / Misc Criteria

Bldg Code: FBC 2017 RES
 TPI Std: 2014
 Rep Factors Used: No
 FT/RT: 20(0)/10(0)
 Plate Type(s):
 WAVE, HS

Defl/CSI Criteria

PP Deflection in loc L/def L/#
 VERT(LL): 0.186 N 999 360
 VERT(TL): 0.524 N 999 240
 HORZ(LL): 0.080 L - -
 HORZ(TL): 0.153 L - -
 Creep Factor: 2.0
 Max TC CSI: 0.854
 Max BC CSI: 0.906
 Max Web CSI: 0.883

VIEW Ver: 17.02.02A.1213.21

Maximum Reactions (lbs)

Loc	R	/U	/Rw	/Rh	/RL	/W
B	1853	/343	/1068	-	/315	/3.5
J	1854	/343	/1068	-	-	/3.5

Wind reactions based on MWFRS
 B Min Brg Width Req = 2.2
 J Min Brg Width Req = 2.2
 Bearings B & J are a rigid surface.

Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - C	1353 - 3286	F - G	1032 - 2084
C - D	1244 - 2974	G - H	1001 - 2126
D - E	1001 - 2126	H - I	1244 - 2975
E - F	1032 - 2084	I - J	1353 - 3287

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - P	2869 - 1035	N - M	2592 - 874
P - O	2591 - 858	M - L	2592 - 874
O - N	2591 - 858	L - J	2869 - 1051

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
P - D	434 - 56	N - H	480 - 940
D - N	480 - 939	H - L	436 - 56
F - N	1217 - 455		

Lumber

Top chord 2x4 SP #1
 Bot chord 2x4 SP #1
 Webs 2x4 SP #3

Bracing

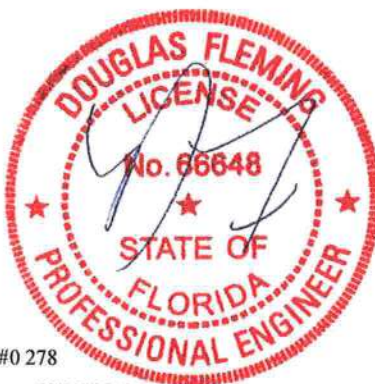
(a) Continuous lateral restraint equally spaced on member. Or 2x6 #3 or better "T" reinforcement. 80% length of web member. Attached with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" oc.

Loading

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

Wind

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



#0 278

03/20/2018

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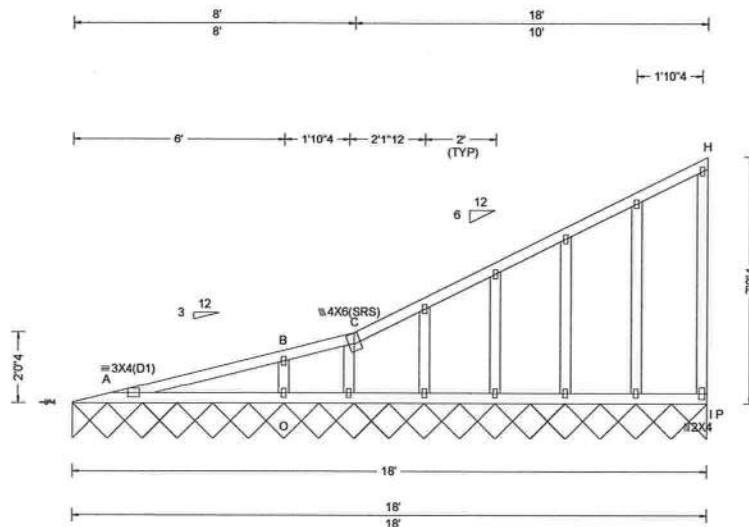
ALPINE
 AN ITW COMPANY
 2400 Lake Orange Dr.
 Suite 150
 Orlando FL, 32837

Job Number: B47080a
 FLOWERS SHOP -FLOWERS SHOP 84 Lumber Co.
 Truss Label: C1-DG 18' Gable

Ply: 1
 Qty: 2

SEQN: 809749 / T6
 FROM: RJL

GABL
 Cust: R857 JRef: 1W98570001
 DrwNo: 079.18.1642.12503
 AK / DF 03/20/2018



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0"	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 5.2 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Factors Used: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.048 O 999 360 VERT(TL): 0.139 O 999 240 HORZ(LL): -0.009 G - - HORZ(TL): 0.013 O - - Creep Factor: 2.0 Max TC CSI: 0.452 Max BC CSI: 0.320 Max Web CSI: 0.096 VIEW Ver: 17.02.02A.1213.21	Loc R / U / Rw / Rh / RL / W P* 119 / 24 / 60 / - / 16 / 216 Wind reactions based on MWFRS P Min Brg Width Req = - Bearing A is a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. A - B 55 -523 C - H 60 -429 B - C 47 -447

Lumber

Top chord 2x4 SP #1
 Bot chord 2x4 SP #1
 Webs 2x4 SP #3

Plating Notes

All plates are 1.5X3 except as noted.

Loading

Truss designed to support 1-6-0 top chord outlookers and cladding load not to exceed 5.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

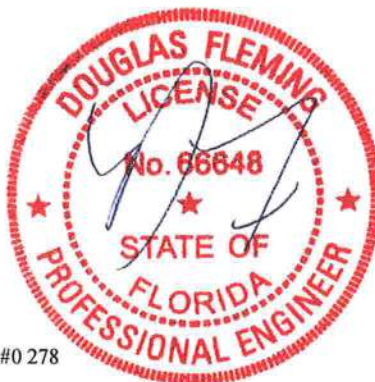
Wind

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

Right end vertical not exposed to wind pressure.

Additional Notes

See DWGS A14015ENC101014 & GBLLETIN1014 for gable wind bracing and other requirements.



#0 278

03/20/2018

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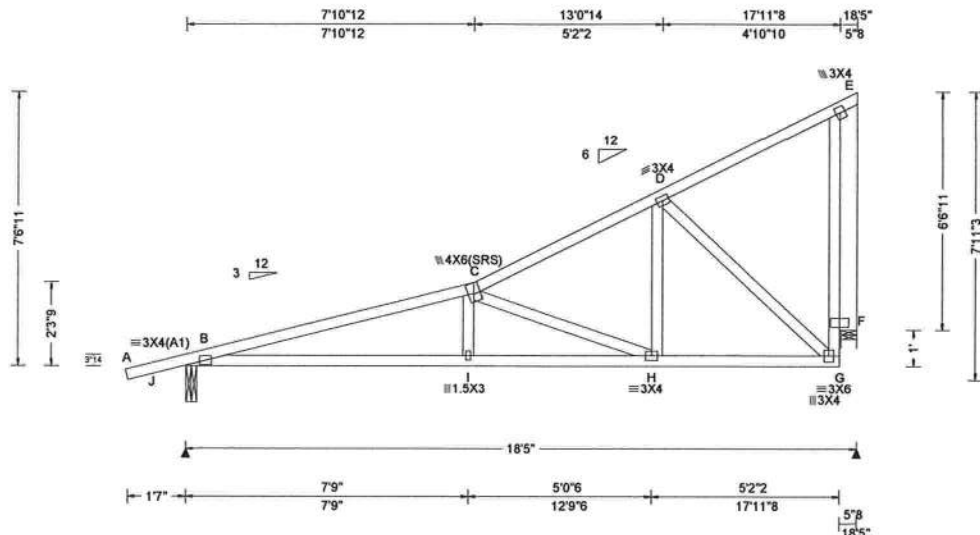
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ALPINE
 AN ITW COMPANY
 2400 Lake Orange Dr.
 Suite 150
 Orlando FL, 32837

Job Number: B47080a FLOWERS SHOP -FLOWERS SHOP 84 Lumber Co. Truss Label: C2 18'5" Special	Ply: 1 Qty: 11	SEQN: 809737 / T10 FROM: RJL	SPEC	Cust: R857 JRef: 1W9f8570001 DrwNo: 079.18.1642.22777 AK / DF 03/20/2018
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
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 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 5.2 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Factors Used: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.074 I 999 360 VERT(TL): 0.220 I 999 240 HORZ(LL): -0.032 E - - HORZ(TL): 0.063 E - - Creep Factor: 2.0 Max TC CSI: 0.663 Max BC CSI: 0.557 Max Web CSI: 0.684 VIEW Ver: 17.02.02A.1213.21	Loc R / U / Rw / Rh / RL / W J 844 / 137 / 481 / - / 218 / 3.5 F 748 / 187 / 484 / - / - / 5.0 Wind reactions based on MWFRS J Min Brg Width Req = 1.5 F Min Brg Width Req = 5.0 Bearings J & F are a rigid surface. Members not listed have forces less than 375# Maximum Top Chord Forces Per Ply (lbs) Chords Tens.Comp. Chords Tens. Comp. B - C 584 - 1834 C - D 195 - 796

Lumber

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3
:Rt Bearing Leg 2x6 SP #1:

Wind

Wind loads based on MWFRS with additional C&C member design.
Right end vertical not exposed to wind pressure.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - I	1735 - 896	H - G	617 - 347
I - H	1724 - 896		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - H	595 - 1166	F - G	589 - 298
H - D	538 - 197	E - F	1285 - 1207
D - G	451 - 801		



#0 278

03/20/2018

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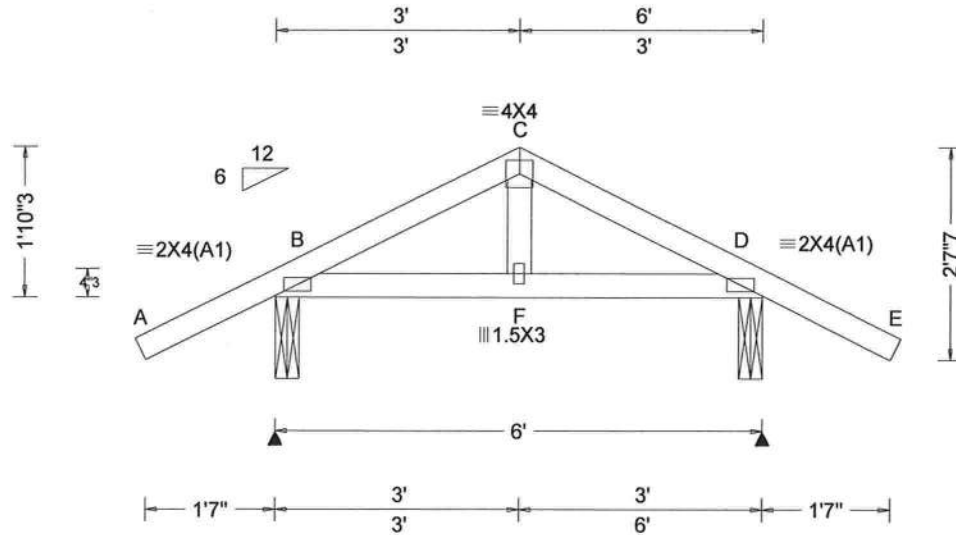
ALPINE
AN ITW COMPANY
2400 Lake Orange Dr.
Suite 150
Orlando FL, 32837

Job Number: B47080a
 FLOWERS SHOP -FLOWERS SHOP 84 Lumber Co.
 Truss Label: D1 6' Common

Ply: 1
 Qty: 10

SEQN: 809738 / T11
 FROM: RJL

COMN
 Cust: R857 JRef: 1W9f8570001
 DrwNo: 079.18.1642.31663
 AK / DF 03/20/2018



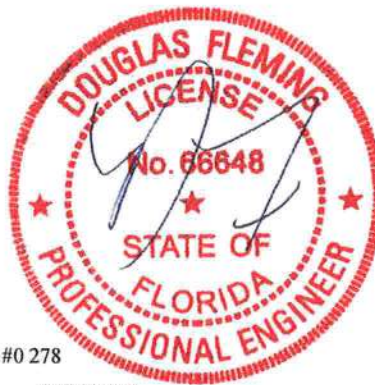
Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0"	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 15.00 ft TCDL: 4.2 psf BCDL: 5.2 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Factors Used: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.002 F 999 360 VERT(TL): 0.006 F 999 240 HORZ(LL): 0.001 F - - HORZ(TL): 0.002 F - - Creep Factor: 2.0 Max TC CSI: 0.362 Max BC CSI: 0.085 Max Web CSI: 0.031 VIEW Ver: 17.02.02A.1213.21	Loc R /U /Rw /Rh /RL /W B 350 /78 /251 /- /81 /3.5 D 350 /86 /157 /- /- /3.5 Wind reactions based on MWFRS B Min Brg Width Req = 1.5 D Min Brg Width Req = 1.5 Bearings B & D are a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord 2x4 SP #1
 Bot chord 2x4 SP #1
 Webs 2x4 SP #3

Wind

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



#0 278

03/20/2018

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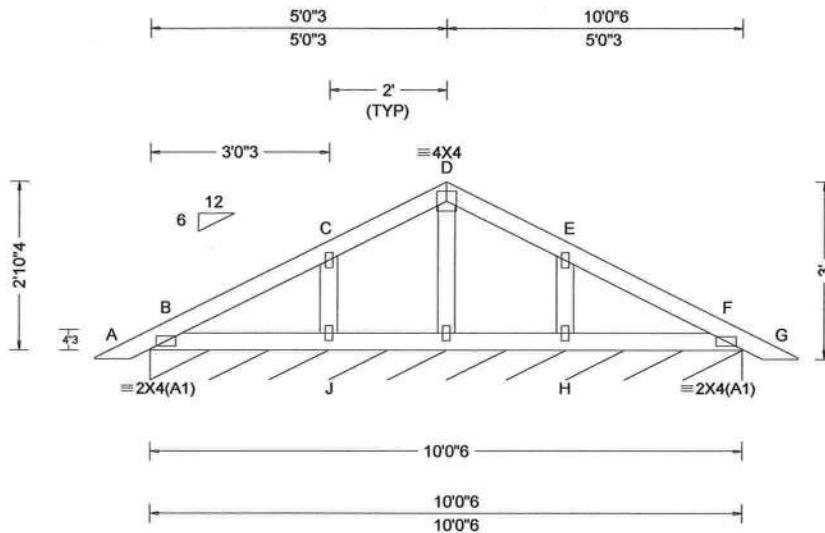
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 AN ITW COMPANY
 2400 Lake Orange Dr.
 Suite 150
 Orlando FL, 32837

Job Number: B47080a FLOWERS SHOP - FLOWERS SHOP 84 Lumber Co. Truss Label: PB1-G 12' Drop Gable	Ply: 1 Qty: 2	SEQN: 809751 / T8 FROM: RJL	GABL Cust: R857 JRef: 1W9f8570001 DrwNo: 079.18.1642.34540 AK / DF 03/20/2018
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Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0"	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 21.95 ft TCDL: 4.2 psf BCDL: 5.2 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Factors Used: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): -0.001 J 999 360 VERT(TL): 0.003 J 999 240 HORZ(LL): -0.002 J - - HORZ(TL): 0.002 J - - Creep Factor: 2.0 Max TC CSI: 0.100 Max BC CSI: 0.050 Max Web CSI: 0.117 VIEW Ver: 17.02.02A.1213.21	Loc R / U / Rw / Rh / RL / W B* 126 / 77 / 55 / - / 13 / 120 Wind reactions based on MWFRS B Min Brg Width Req = - Bearing B is a rigid surface. Members not listed have forces less than 375# Maximum Gable Forces Per Ply (lbs) Gables Tens.Comp. Gables Tens. Comp. C - J 392 -279 H - E 392 -279

Lumber

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Plating Notes

All plates are 1.5X3 except as noted.

Loading

Truss designed to support 1-6-0 top chord outlookers and cladding load not to exceed 5.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

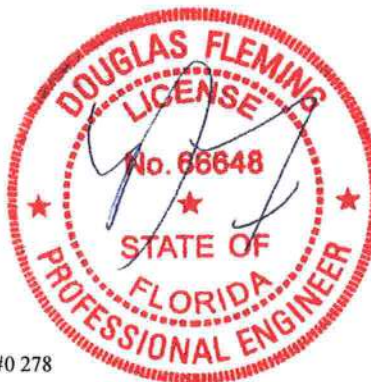
Wind

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

Additional Notes

See DWGS A14030ENC101014 & GBLLETIN1014 for gable wind bracing and other requirements.

See Detail PB160101014 for piggyback details.



#0 278

03/20/2018

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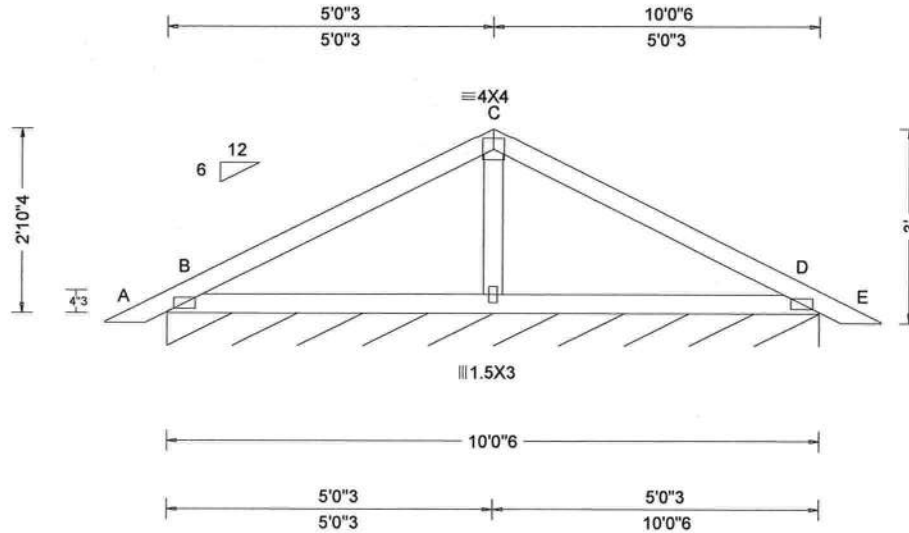
ALPINE
AN ITW COMPANY
2400 Lake Orange Dr.
Suite 150
Orlando FL, 32837

Job Number: B47080a
 FLOWERS SHOP -FLOWERS SHOP 84 Lumber Co.
 Truss Label: PB2 12' Common

Ply: 1
 Qty: 11

SEQN: 809740 / T1 GABL
 FROM: RJL

Cust: R857 JRef: 1W9f8570001
 DrwNo: 079.18.1643.03713
 AK / DF 03/20/2018



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs), or *=PLF
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 0.00 Soffit: 0.00 Load Duration: 1.25 Spacing: 24.0"	Wind Std: ASCE 7-10 Speed: 130 mph Enclosure: Closed Risk Category: II EXP: C Mean Height: 21.95 ft TCDL: 4.2 psf BCDL: 5.2 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: NA Ct: NA CAT: NA Pf: NA Ce: NA Lu: NA Cs: NA Snow Duration: NA Code / Misc Criteria Bldg Code: FBC 2017 RES TPI Std: 2014 Rep Factors Used: No FT/RT:20(0)/10(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.006 F 999 360 VERT(TL): 0.017 F 999 240 HORZ(LL): -0.004 F - - HORZ(TL): 0.007 F - - Creep Factor: 2.0 Max TC CSI: 0.332 Max BC CSI: 0.218 Max Web CSI: 0.015 VIEW Ver: 17.02.02A.1213.21	Loc R / U / Rw / Rh / RL / W B* 91 / 28 / 45 / - / 8 / 120 Wind reactions based on MWFRS B Min Brg Width Req = - Bearing B is a rigid surface. Members not listed have forces less than 375#

Lumber

Top chord 2x4 SP #1
 Bot chord 2x4 SP #1
 Webs 2x4 SP #3

Plating Notes

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

Wind

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

Additional Notes

See DWGS A14030ENC101014 & GBLLETIN1014 for gable wind bracing and other requirements.

See Detail PB160101014 for piggyback details.



#0 278

03/20/2018

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ALPINE
 AN ITW COMPANY
 2400 Lake Orange Dr.
 Suite 150
 Orlando FL, 32837

ASCE 7-10: 140 mph Wind Speed, 30' Mean Height, Enclosed, Exposure C, Kzt = 1.00

D₁: 120 mph Wind Speed, 30' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00
D₂: 120 mph Wind Speed, 30' Mean Height, Enclosed, Exposure D, Kzt = 1.00
D₃: 100 mph wind speed, 30' Mean Height, Partially Enclosed, Exposure D, Kzt = 1.00

Max Gable Vertical Length	2x4 Gable Vertical Spacing	Species	Brace Grade	No Braces	(1) 1x4 'L' Brace		(1) 2x4 'L' Brace		(2) 2x4 'L' Brace		(1) 2x6 'L' Brace		(2) 2x6 'L' Brace	
					Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B
					#1 / #2		#1 / #2		#1 / #2		#1 / #2		#1 / #2	
24' o.c.	SPF	HF	Standard	#1	4' 1"	6' 11"	7' 2"	8' 2"	8' 6"	9' 9"	10' 2"	12' 10"	13' 4"	14' 0"
				#2	3' 10"	6' 2"	6' 7"	8' 1"	8' 5"	9' 8"	10' 0"	12' 8"	13' 2"	14' 0"
				Stud	3' 10"	6' 2"	6' 6"	8' 1"	8' 5"	9' 8"	10' 0"	12' 8"	13' 2"	14' 0"
		DFL	Standard	#1	4' 2"	7' 0"	7' 3"	8' 3"	8' 7"	9' 10"	10' 3"	13' 0"	13' 6"	14' 0"
				#2	4' 1"	6' 11"	7' 2"	8' 2"	8' 6"	9' 9"	10' 2"	12' 10"	13' 4"	14' 0"
				Stud	4' 0"	5' 7"	5' 11"	7' 5"	7' 11"	9' 8"	10' 1"	11' 7"	12' 5"	14' 0"
	SP	HF	Standard	#1 / #2	3' 9"	4' 11"	5' 13"	6' 4"	7' 0"	8' 10"	9' 6"	10' 3"	11' 0"	13' 11"
				#3	4' 8"	7' 11"	8' 3"	9' 4"	9' 9"	11' 2"	11' 7"	14' 0"	14' 0"	14' 0"
				Stud	4' 5"	7' 6"	8' 3"	9' 3"	9' 7"	11' 0"	11' 6"	14' 0"	14' 0"	14' 0"
		DFL	Standard	#1	4' 5"	7' 6"	8' 10"	8' 7"	9' 2"	11' 0"	11' 6"	14' 0"	14' 0"	14' 0"
				#2	4' 8"	7' 11"	8' 3"	9' 4"	9' 9"	11' 2"	11' 7"	14' 0"	14' 0"	14' 0"
				Stud	4' 7"	6' 10"	7' 3"	9' 1"	9' 8"	11' 1"	11' 6"	14' 0"	14' 0"	14' 0"
16' o.c.	SPF	HF	Standard	#1 / #2	4' 5"	6' 0"	6' 5"	8' 0"	8' 7"	10' 10"	11' 6"	12' 7"	13' 15"	14' 0"
				#3	4' 10"	8' 9"	9' 1"	10' 4"	10' 9"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"
				Stud	4' 10"	8' 9"	9' 1"	10' 4"	10' 9"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"
		DFL	Standard	#1	4' 10"	8' 9"	9' 1"	10' 4"	10' 9"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"
				#2	4' 10"	8' 9"	9' 1"	10' 4"	10' 9"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"
				Stud	4' 10"	8' 9"	9' 1"	10' 4"	10' 9"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"
	SP	HF	Standard	#1	5' 2"	8' 9"	9' 1"	10' 4"	10' 9"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"
				#2	5' 2"	8' 9"	9' 1"	10' 4"	10' 9"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"
				Stud	5' 0"	7' 10"	8' 4"	10' 3"	10' 8"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"
		DFL	Standard	#1	5' 0"	7' 10"	8' 4"	10' 3"	10' 8"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"
				#2	5' 0"	7' 10"	8' 4"	10' 3"	10' 8"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"
				Stud	4' 10"	6' 11"	7' 4"	9' 3"	9' 10"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"

Bracing Group Species and Grades			
Group A:			
Spruce-Pine-Fir	Group A:	Group A:	Group A:
#1 / #2	Standard	#2	Stud
#3	Stud	#3	Standard
Douglas Fir-Larch	Group A:	Southern Pine	Group A:
#1	Standard	#1	Stud
#2	Stud	#2	Standard
Group B:			
Group B:	Group B:	Group B:	Group B:
#1	Standard	#1	Stud
#2	Stud	#2	Standard

1x4 Braces shall be SRB (Stress-Rated Board).

For 1x4 S.p. use only Industrial 55 or Industrial 45 Stress-Rated Boards. Group B values may be used with these grades.

Gable Truss Detail Notes:

Wind Load deflection criterion is L/240.

Provide uplift connections for 100 plf over continuous bearing (3 psf TC Dead Load).

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

Attach 'L' braces with 10d (0.128"x3.0" min) nails.

* For (1) 'L' brace: space nails at 2' o.c.

* For (2) 'L' brace: space nails at 3' o.c.

* For (3) 'L' brace: space nails at 4' o.c.

* For (4) 'L' brace: space nails at 6' o.c.

'L' bracing must be a minimum of 80% of web member length.

Gable Vertical Plate Sizes

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

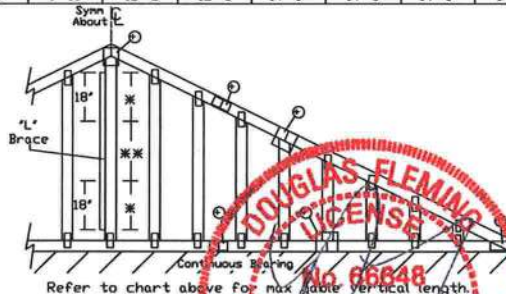
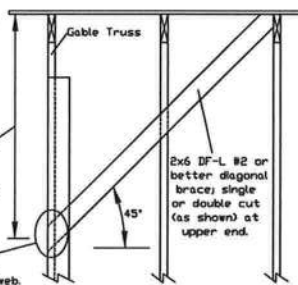
+ Refer to common truss design for peak, splice, and heel plates.

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

Diagonal brace option: vertical length may be doubled when diagonal brace is used. Connect diagonal brace for 50% at each end. Max web total length is 14'.

Vertical length shown in table above.

Connect diagonal at midpoint of vertical web.

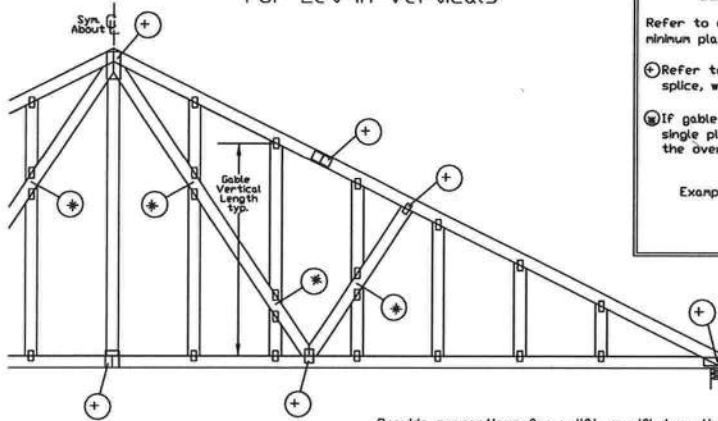


ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

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For more information see this job's general notes page and these web site:
ALPINE: www.alpineitw.com TPI: www.tpiinc.org SBCA: www.sbcaindustry.org ICC: www.iccsafe.org

REF	ASCE7-10-GABI4030
DATE	10/01/14
DRWG	A14030ENC101014
MAX. TOT. LD.	60 PSF
MAX. SPACING	24.0'

Gable Detail For Let-in Verticals

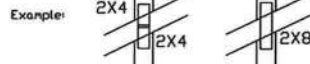


Gable Truss Plate Sizes

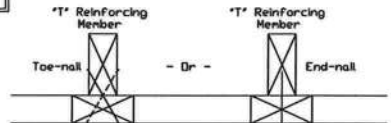
Refer to appropriate Alpine gable detail for minimum plate sizes for vertical studs.

(*) Refer to Engineered truss design for peak, splice, web, and heel plates.

(*) If gable vertical plates overlap, use a single plate that covers the total area of the overlapped plates to span the web.



'T' Reinforcement Attachment Detail



To convert from 'L' to 'T' reinforcing members, multiply 'T' increase by length (based on appropriate Alpine gable detail).

Maximum allowable 'T' reinforced gable vertical length is 14' from top to bottom chord.

'T' reinforcing member material must match size, specie, and grade of the 'L' reinforcing member.

Web Length Increase w/ 'T' Brace

'T' Reinf. Mbr. Size	'T' Increase
2x4	30 %
2x6	20 %

Example:

ASCE 7-10 Wind Speed = 120 mph
Mean Roof Height = 30 ft, $K_{zt} = 1.00$
Gable Vertical = 24' o.c. SP #3
'T' Reinforcing Member Size = 2x4
'T' Brace Increase (From Above) = 30% = 1.30
(1) 2x4 'L' Brace Length = 8' 7"
Maximum 'T' Reinforced Gable Vertical Length
 $1.30 \times 8' 7" = 11' 2"$

Provide connections for uplift specified on the engineered truss design.

Attach each 'T' reinforcing member with

End Driven Nails:
10d Common (0.148"x3", min) Nails at 4' o.c. plus
(4) nails in the top and bottom chords.

Toenailed Nails:
10d Common (0.148"x3", min) Toenails at 4' o.c. plus
(4) toenails in the top and bottom chords.

This detail to be used with the appropriate Alpine gable detail for ASCE wind load.

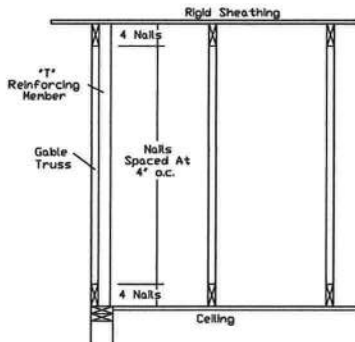
ASCE 7-05 Gable Detail Drawings

A13015051014, A12015051014, A11015051014, A10015051014, A14015051014,
A13030051014, A12030051014, A11030051014, A10030051014, A14030051014

ASCE 7-10 Gable Detail Drawings

A11515ENC101014, A12015ENC101014, A14015ENC101014, A16015ENC101014,
A18015ENC101014, A20015ENC101014, A20015END101014, A20015P101014,
A11530ENC101014, A12030ENC101014, A14030ENC101014, A16030ENC101014,
A18030ENC101014, A20030ENC101014, A20030END101014, A20030P101014,
S11515ENC100815, S12015ENC100815, S14015ENC100815, S16015ENC100815,
S18015ENC100815, S20015ENC100815, S20015END100815, S20015P100815,
S11530ENC100815, S12030ENC100815, S14030ENC100815, S16030ENC100815,
S18030ENC100815, S20030ENC100815, S20030END100815, S20030P100815

See appropriate Alpine gable detail for maximum unreinforced gable vertical length.



13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

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For more information see this job's general notes page and these web sites:
ALPINE: www.alpineitw.com TPI: www.tpiinc.org SBCA: www.sbcindustry.org ICD: www.icdusa.org



#0 278 03/20/2018

REF LET-IN VERT

DATE 10/01/14

DRWG GBLLETIN1014

MAX. TOT. LD. 60 PSF

DUR. FAC. ANY

MAX. SPACING 24.0"

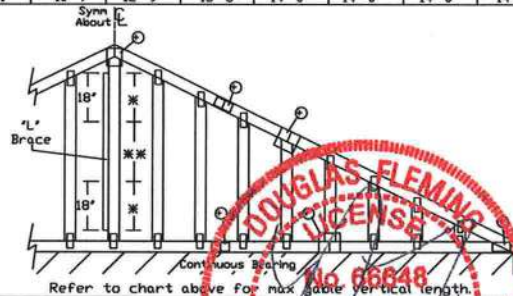
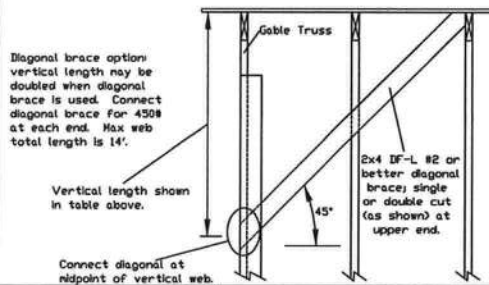
Gable Stud Reinforcement Detail ASCE 7-10: 140 mph Wind Speed, 15' Mean Height, Enclosed, Exposure C, Kzt = 1.00

D₁: 120 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00
 D₂: 120 mph Wind Speed, 15' Mean Height, Enclosed, Exposure D, Kzt = 1.00
 D₃: 100 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure D, Kzt = 1.00

Max Gable Vertical Length	2x4 Gable Vertical Spacing	Brace Species	Grade	No Braces	(1) 1x4 'L' Brace		(1) 2x4 'L' Brace		(2) 2x4 'L' Brace		(1) 2x6 'L' Brace		(2) 2x6 'L' Brace	
					Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B
					#1 / #2	#3	#1 / #2	#3	#1 / #2	#3	#1 / #2	#3	#1 / #2	#3
24" o.c.	SPF	HF	Standard	#1	4' 3"	7' 3"	8' 7"	8' 11"	10' 3"	10' 8"	13' 6"	14' 0"	14' 0"	14' 0"
				#3	4' 1"	6' 7"	7' 1"	8' 6"	8' 10"	10' 1"	10' 6"	13' 4"	13' 10"	14' 0"
		DFL	Standard	#1	4' 1"	5' 8"	6' 0"	7' 7"	8' 1"	10' 1"	10' 6"	11' 10"	12' 8"	14' 0"
				#3	4' 6"	7' 4"	7' 8"	8' 8"	9' 0"	10' 4"	10' 9"	13' 8"	14' 0"	14' 0"
		SP	Standard	#1	4' 3"	7' 3"	7' 7"	8' 11"	10' 3"	10' 8"	13' 6"	14' 0"	14' 0"	14' 0"
				#3	4' 2"	6' 0"	6' 4"	7' 11"	8' 6"	10' 2"	10' 7"	12' 5"	13' 4"	14' 0"
	SPF	HF	Standard	#1	4' 0"	5' 3"	5' 7"	7' 0"	7' 6"	9' 6"	10' 2"	11' 0"	11' 10"	14' 0"
				#3	4' 11"	8' 4"	8' 8"	9' 10"	10' 3"	11' 8"	12' 2"	14' 0"	14' 0"	14' 0"
		DFL	Standard	#1	4' 8"	8' 1"	8' 6"	9' 8"	10' 1"	11' 7"	12' 1"	14' 0"	14' 0"	14' 0"
				#3	4' 8"	8' 1"	8' 6"	9' 8"	10' 1"	11' 7"	12' 1"	14' 0"	14' 0"	14' 0"
		SP	Standard	#1	4' 8"	6' 11"	7' 5"	9' 3"	9' 11"	11' 7"	12' 1"	14' 0"	14' 0"	14' 0"
				#3	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"
16" o.c.	SPF	HF	Standard	#1	4' 11"	8' 4"	8' 8"	9' 10"	10' 3"	11' 8"	12' 2"	14' 0"	14' 0"	14' 0"
				#3	4' 9"	7' 4"	7' 9"	9' 9"	10' 2"	11' 8"	12' 1"	14' 0"	14' 0"	14' 0"
		DFL	Standard	#1	4' 9"	7' 4"	7' 9"	9' 9"	10' 2"	11' 8"	12' 1"	14' 0"	14' 0"	14' 0"
				#3	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"
		SP	Standard	#1	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"
				#3	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"
	SPF	HF	Standard	#1	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"
				#3	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"
		DFL	Standard	#1	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"
				#3	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"
		SP	Standard	#1	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"
				#3	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"
12" o.c.	SPF	HF	Standard	#1	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"
				#3	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"
		DFL	Standard	#1	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"
				#3	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"
		SP	Standard	#1	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"
				#3	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"
	SPF	HF	Standard	#1	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"
				#3	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"
		DFL	Standard	#1	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"
				#3	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"
		SP	Standard	#1	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"
				#3	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"

Bracing Group Species and Grades			
Group A:			
Spruce-Pine-Fir	Group A:	Group A:	Group A:
#1 / #2	Standard	#2	Stud
#3	Stud	#3	Standard
Douglas Fir-Larch	Group A:	Southern Pine	Group A:
#1	Stud	#1	Stud
#2	Standard	#2	Standard
Group B:			
Group B:	Group B:	Group B:	Group B:
#1	Stud	#1	Stud
#2	Standard	#2	Standard

Gable Truss Detail Notes:
 Wind Load deflection criterion is L/240.
 Provide uplift connections for 55 psf over continuous bearing (5 psf TC Dead Load).
 Gable end supports load from 4' 0" outlookers with 2' 0" overhang, or 12" plywood overhang.



Attach 'L' braces with 10d (0.128"x3.0" min) nails.
 * For (1) 'L' brace: space nails at 2' o.c.
 In 18" end zones and 4' o.c. between zones.
 * For (2) 'L' braces: space nails at 3' o.c.
 In 18" end zones and 6' o.c. between zones.
 'L' bracing must be a minimum of 80% of web member length.

Gable Vertical Plate Sizes	
Vertical Length	No Splice
Less than 4' 0"	1X4 or 2X3
Greater than 4' 0"	3X4

* Refer to common truss design for peak, splice, and heel plates.
 Refer to the Building Designer for conditions not addressed by this detail.

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For more information see this job's general notes page and these web sites:
 ALPINE: www.alpinecorp.com TPI: www.tpi.org SCSA: www.scsa.org BCSI: www.bcsinfo.org

STATE OF FLORIDA
PROFESSIONAL ENGINEER
 No. 66648
 03/20/2018

REF ASCE7-10-GABI4015
 DATE 10/01/14
 DRWG A14015ENC101014

MAX. TOT. LD. 60 PSF
 MAX. SPACING 24.0"