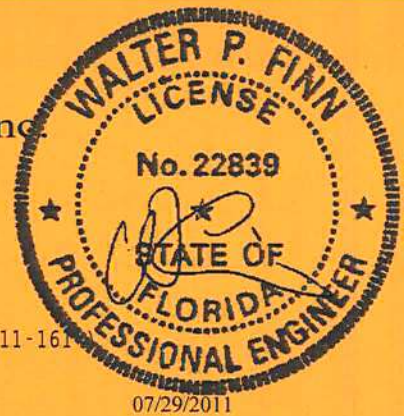


ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
 Florida Engineering Certificate of Authorization Number: 0 278
 Florida Certificate of Product Approval # FL1999
 Page 1 of 1 Document ID: IUE1487-Z0129165014



Truss Fabricator: Anderson Truss Company
 Job Identification: 11-161--Fill in later STANLEY CRAWFORD/MAYFAIR -- , ** (11-161
 Truss Count: 42
 Model Code: Florida Building Code 2007 and 2009 Supplement
 Truss Criteria: FBC2007Res/TPI-2002(STD)
 Engineering Software: Alpine Software, Version 10.03.
 Structural Engineer of Record: The identity of the structural EOR did not exist as of
 Address: the seal date per section 61G15-31.003(5a) of the FAC
 Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
 Floor - N/A
 Wind - 110 MPH ASCE 7-05 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

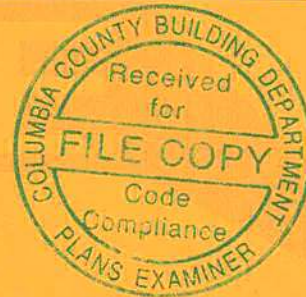
Walter P. Finn
 -Truss Design Engineer-

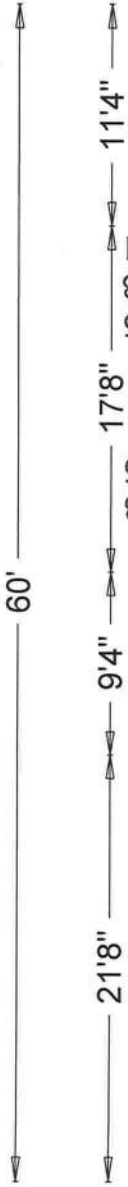
1950 Marley Drive
 Haines City, FL 33844

Details: CNNAILSP-BRCLBSUB-A1101505-GBLLETIN-

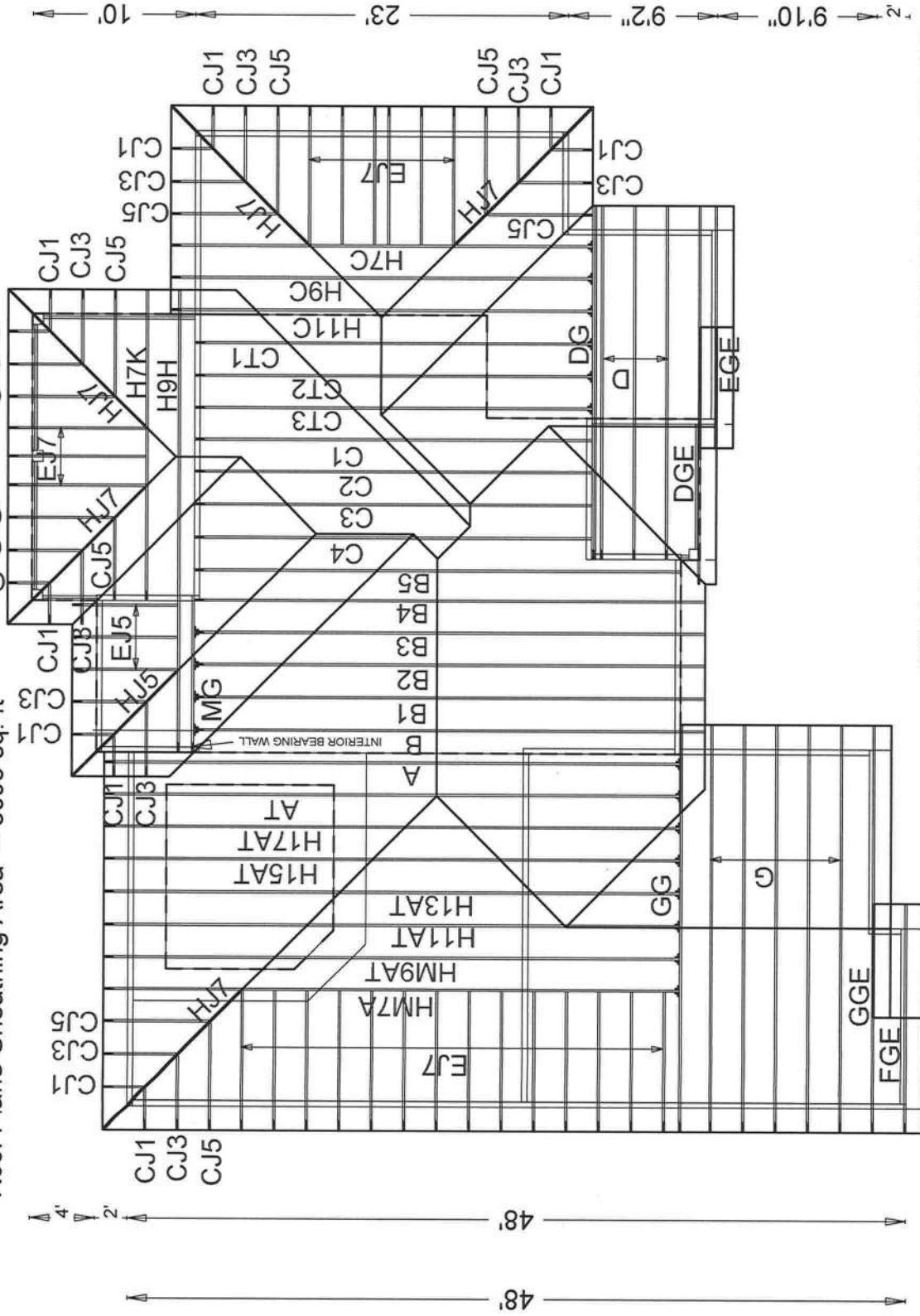
#	Ref	Description	Drawing#	Date
1	28609--HM7A		11210007	07/29/11
2	28610--A		11210008	07/29/11
3	28611--HM9AT		11210009	07/29/11
4	28612--H11AT		11210010	07/29/11
5	28613--H13AT		11210011	07/29/11
6	28614--H15AT		11210012	07/29/11
7	28615--H17AT		11210013	07/29/11
8	28616--AT		11210014	07/29/11
9	28617--B		11210015	07/29/11
10	28618--B1		11210016	07/29/11
11	28619--B2		11210017	07/29/11
12	28620--B3		11210018	07/29/11
13	28621--B4		11210001	07/29/11
14	28622--B5		11210002	07/29/11
15	28623--H7C		11210019	07/29/11
16	28624--H9C		11210043	07/29/11
17	28625--H11C		11210044	07/29/11
18	28626--C1		11210045	07/29/11
19	28627--C2		11210046	07/29/11
20	28628--C3		11210047	07/29/11
21	28629--C4		11210048	07/29/11
22	28630--CT1		11210049	07/29/11
23	28631--CT2		11210050	07/29/11
24	28632--CT3		11210051	07/29/11
25	28633--D		11210052	07/29/11
26	28634--DGE		11210053	07/29/11
27	28635--DG		11210054	07/29/11
28	28636--EGE		11210003	07/29/11
29	28637--FGE		11210004	07/29/11
30	28638--G		11210005	07/29/11
31	28639--GGE		11210055	07/29/11
32	28640--GG		11210033	07/29/11
33	28641--H9H		11210034	07/29/11
34	28642--CJ1		11210035	07/29/11
35	28643--CJ3		11210006	07/29/11
36	28644--CJ5		11210036	07/29/11

#	Ref	Description	Drawing#	Date
37	28645--EJ7		11210037	07/29/11
38	28646--HJ7		11210038	07/29/11
39	28647--EJ5		11210039	07/29/11
40	28648--HJ5		11210040	07/29/11
41	28649--MG		11210041	07/29/11
42	28650--H7K		11210042	07/29/11





Roof Plane Sheathing Area = 3095 sq. ft



STANLEY CRAWFORD/MAYFAIR LOT 29

JOB DESCRIPTION: Fill in later
/ : STANLEY CRAWFORD/MAYFAIR

JOB NO:
11-161

PAGE NO:
1 OF 1

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Page 1 of 1 Document ID: IUE1487-Z0129165014



Truss Fabricator: Anderson Truss Company
Job Identification: 11-161--Fill in later STANLEY CRAWFORD/MAYFAIR -- , ** (11-
Truss Count: 1
Model Code: Florida Building Code 2007 and 2009 Supplement
Truss Criteria: FBC2007Res/TPI-2002(STD)
Engineering Software: Alpine Software, Version 10.03.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-05 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

-Truss Design Engineer-
Walter P. Finn

1950 Marley Drive
Haines City, FL 33844

Revised Trusses

#	Ref	Description	Drawing#	Date
1	28640--GG		11210033	07/29/11

ALPINE

(11-161--Fill in later STANLEY CRAWFORD/MAYFAIR --, ** - HM7A)

Top chord 2x4 SP #1 :T1 2x4 SP #2 Dense:
Bot chord 2x4 SP #1
Webs 2x4 SP #3 :W6 2x4 SP #2 Dense:

110 mph wind, 15.00 ft mean ht, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

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

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

Left side jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang.
End jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang. Right side jacks have 0-0-0 setback with 0-0-0 cant and 0-0-0 overhang.

Brg blocks: 0.131"x3" nails
brg x-loc #blocks length/bk #nails/bk wall plate
2 24.333' 1 12" 4 Rigid Surface
Brg block to be same size and species as bottom chord.
Refer to drawing CNAILSP0109 for more information.

Wind reactions based on MWFRS pressures.

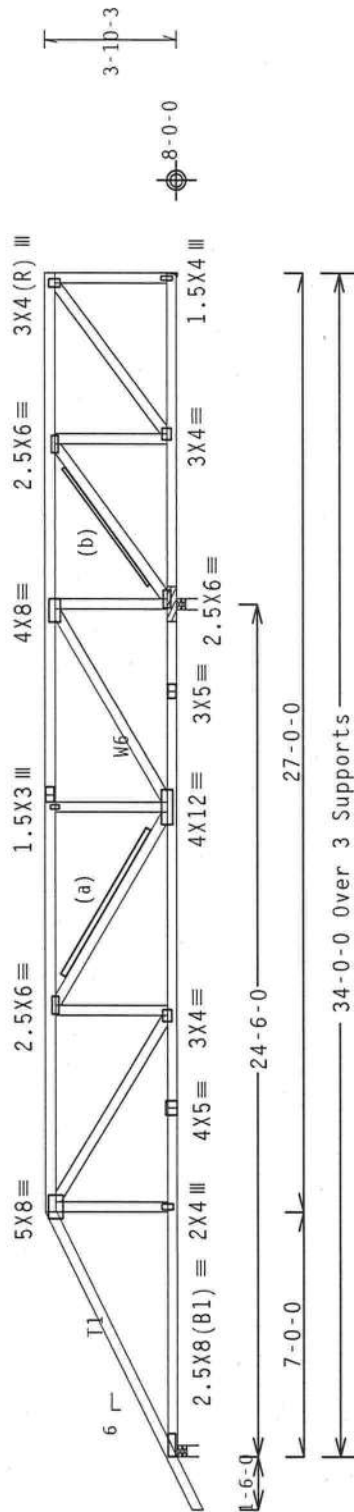
Right end vertical not exposed to wind pressure.

(a) 2x4 #3 or better "I" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

#1 hip supports 7-0-0 jacks with no webs.

Deflection meets L/240 live and L/180 total load.

3X5 ≡



R=1758 U=169 W=4"

R=13 U=0 H=ITW (KC) E24
Supported Member Face: (2) 0.131"x1.5" nails
Supporting Member Face: (4) 0.128"x3" nails
Supporting Member: (2) 2x6 SP #2

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2003
FT/RT=10%(0%)/0(0%)

QTY: 1 FL/-/4/-/R/-

Scale = .1875" / Ft.

 ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and erecting. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by IPI and BCSI) for safety practices prior to performing these functions. Installers shall provide temporary bracing and bracing details as noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have properly attached structural sheathing. All bracing shall be installed per BCSI Section 83, 87 or B10, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design shown. The suitability and use of this design for any specific application is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: general notes page: ITW-Bldg: www.itwbcg.com; TPI: www.tpinat.org; NICA: www.nicaindstry.com; ICC: www.iccsafe.org		TC LL	20.0 PSF	REF	R487--	28609
			TC DL	10.0 PSF	DATE	07/29/11	
			BC DL	10.0 PSF	DRW	HCSR487	11210007
			BC LL	0.0 PSF	HC-ENG	JB/WPF	
			TOT.LD.	40.0 PSF	SEQN-	222024	
			DUR.FAC.	1.25			
		SPACING	24.0"	JREF-	1UE1487_Z01		
		07/29/2011					

	Top chord	2x4	SP	Dense
	Bot chord	2x4	SP	Dense
	Webbs	2x4	SP	Dense

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

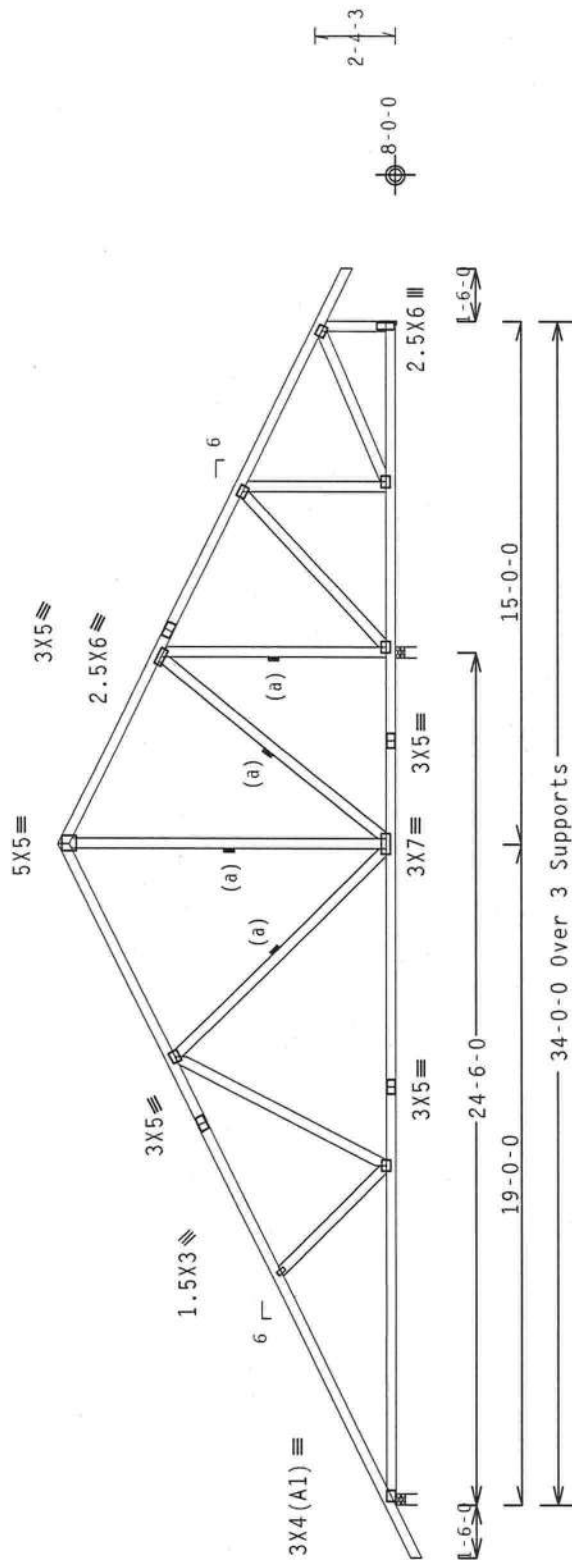
Right end vertical not exposed to wind pressure.

(a) Continuous lateral bracing equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/240 live and L/180 total load.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.



R=1023 U=0 W=4"
RL=221/-201

R-227 U-54 H-Simpson LUS26
Supported Member Face: (3) 0.148"x3" nails
Supporting Member Face: (4) 0.148"x3" nails
Supporting Member : (2) 2x6 SP #2

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002 STD

PLT TYP. Wave

QTY:1 FL/-/4/-/-/R/-

Scale = .1875"/Ft.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

07/29/2011

PROFESSIONAL ENGINEER

STATE OF FLORIDA

NO. 72639

****WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET.**

****IMPORTANT** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.**

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of the BCSI Building Components Group Inc. (ITWBCG) design manual or other approved design manual. Trusses shall be installed with temporary bracing until the roof is completed. Trusses shall be installed with proper structural sheathing unless noted otherwise. Top chord shall have properly attached structural sheathing. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design shown on this drawing. ITWBCG shall not be responsible for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, bracing of trusses. Apply plates to each face of truss and position as shown above and on details, unless noted otherwise. Refer to drawings 1604-2 for standard plate positions. A drawing or cover plate listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the user. For more information, contact ITWBCG at 1-800-368-6900. General sales inquiries: 1-800-368-6900. TPI: www.tpi.net; HCTC: www.hctcindustry.com; ESC: www.escusafr.org

REF R487 --	28610
DATE	07/29/11
DRW HCUSR487	11210008
HC-ENG JB/WPF	
SEQN -	222053
TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

	Top	chord	2x4	SP	#2	Dense	:T1	2x4	SP	M-30:
	Bot	chord	2x4	SP	#2	Dense	:B2	2x4	SP	M-30:
			Webbs	2x4	SP	#3				

Right cantilever is exposed to wind

Roof overhang supports 2.00 psf soffit load.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

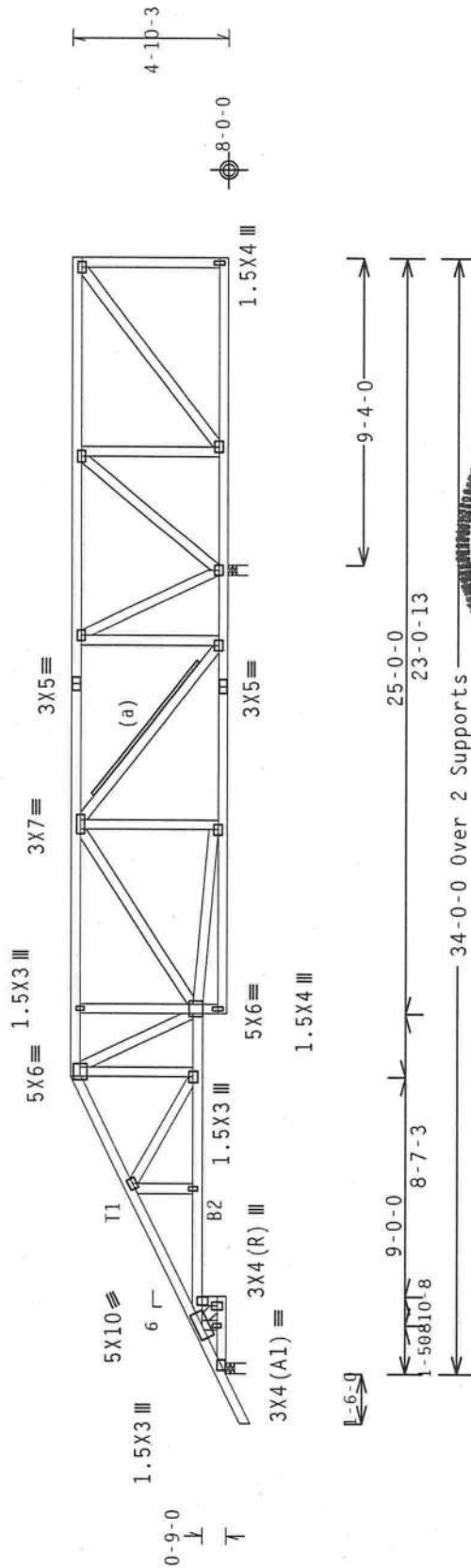
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCp1(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

Deflection meets L/240 live and L/180 total load.



R=966 U=98 W=4"
RL=121/-46

Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave

PLT TYP. Wave

FT/RT=10%(0%)/0(0%)

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. (N) follow the latest edition of BCSI Building Component Safety Information, by TPI and practices noted to performing these functions. Installers shall provide temporary bracing unless noted otherwise. Two chord shall have properly attached structural sheathing and shall have a properly attached rigid ceiling. Locations for permanent lateral resistance shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, or bracing of trusses. Apply plates to each face of truss and position as shown above and on the details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A drafting or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any specific building is the responsibility of the Building Designer per ANSI/TPI 1, Sec.2. For more information see: www.itwbcg.com; www.tpinet.org; NRC; and www-icsafe.org.

10 No. 62889. 17.

ITY:1 FL/-/4/-/-/R/-

Scale = .1875"/Ft.

REF R487-- 28611

DATE 07/29/11

DRW HCUSR487 11210009

HC-ENG JB/WPF

SEON- 222326

JREF- 1UE1487 Z01

07/29/2011

the responsibility of the Building Designer per ANSI/ISO 1 Sec.2. For more information see:
general notes page: ITH-BCG: www.ithbcg.com; IPI: www.tpiinst.org; WICA: www.ichindustry.com;

ICC: www.iccsafe.org

ICC: www.iccsafe.org

FI COA #0278

(11-161--Fill in later STANLEY CRAWFORD/MAYFAIR --, ** - H11AT)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense :B2 2x4 SP M-30:
Webs 2x4 SP #3

Right cantilever is exposed to wind

Roof overhang supports 2.00 psf soffit load.

(a) Continuous lateral bracing equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

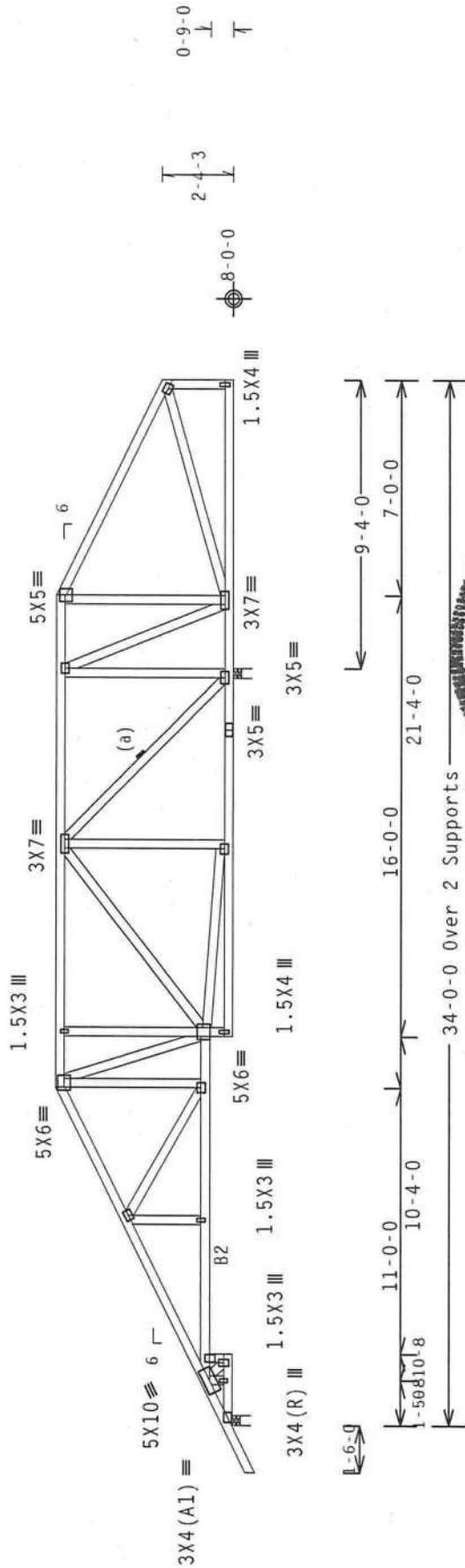
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. $I_w=1.00$ GCp1(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

Deflection meets L/240 live and L/180 total load.



R-955 U-106 W-4"
RL-116/-105

Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 STD
FT/RT=10%(0%)/0(0%)

10M3.22890.17

TY:1 FL/-/4/-/-/R/-

Scale =.1875"/Ft.

HARMING READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and BCSI) 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 shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design of trusses. Apply plates to each face of truss and position as shown above and on details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A structural engineer shall be responsible for the design shown. The suitability and use of this design for the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: general notes page: ITN-BCG: www.itwbcg.com; TPI: www.tpinet.org; NICA: www.sbcindustry.org; ICC: www.iccsafe.org

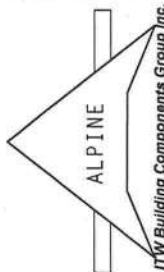
07/29/2011

07/29/2011

07/29/2011

07/29/2011

07/29/2011



TC LL	20.0 PSF	REF	R487 -- 28612
TC DL	10.0 PSF	DATE	07/29/11
BC DL	10.0 PSF	DRW	HCUSR487 11210010
BC LL	0.0 PSF	HC-ENG	JB/WPF
TOT.LD.	40.0 PSF	SEQN-	222319
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UE1487_Z01

(11-161--Fill in later STANLEY CRAWFORD/MAYFAIR --, ** - H15AT)

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

Roof overhang supports 2.00 psf soffit load.

(a) Continuous lateral bracing equally spaced on member.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

MMFRS loads based on trusses located at least 15.00 ft. from roof edge.

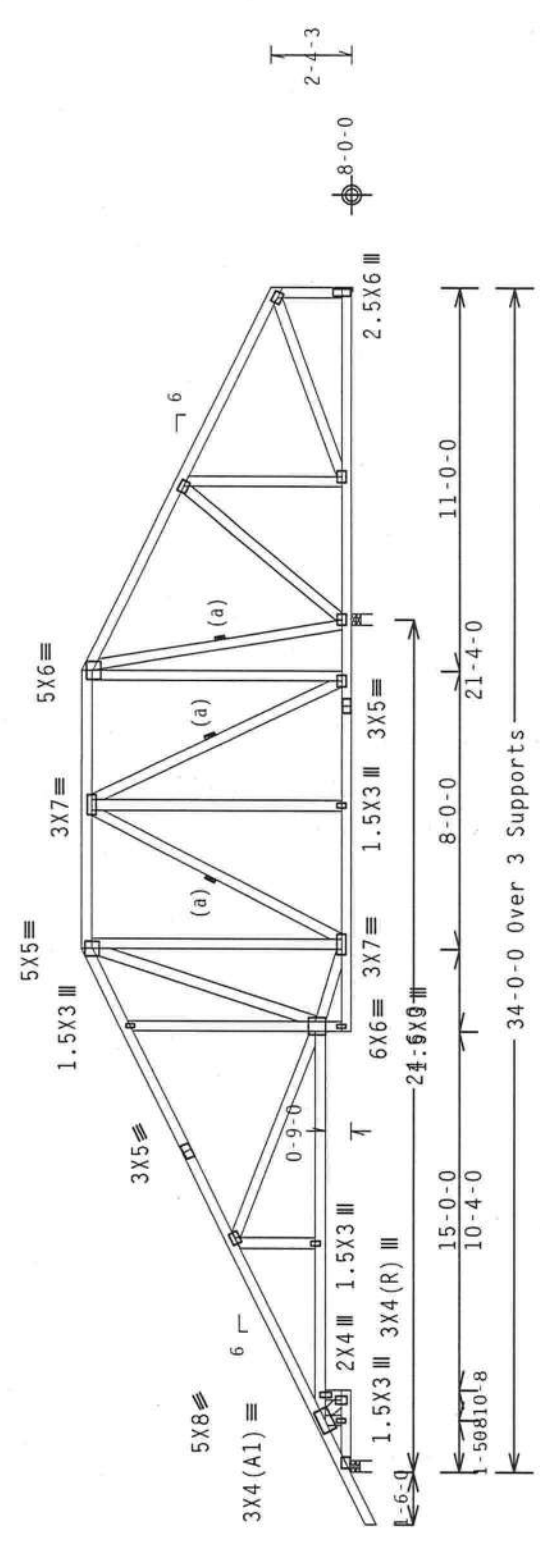
*** Negative reaction(s) of -483# MAX. (See below) from a non-wind load case requires uplift connection.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1W=1.00 GCpl(+/-)-0.18

Wind reactions based on MMFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load.



*** R=-484 Rw=108 U=281 H=ITW (KC) E26

Supported Member Face: (4) 0.131"x1.5" nails
Supporting Member Face: (6) 0.128"x3" nails
Supporting Member: (1) 2x6 SP #2



R=778 U=0 W=4"
RL=158/-147

Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 STD
FT/RT=10%(0%)/0(0%)

QTY:1 FL/-/4/-/-/R/-

Scale = .1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

TC LL	20.0 PSF	REF	R487--	28614
TC DL	10.0 PSF	DATE	07/29/11	
BC DL	10.0 PSF	DRW	HCUSR487	11210012
BC LL	0.0 PSF	HC-ENG	JB/WPF	
TOT.LD.	40.0 PSF	SEQN	222339	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1UE1487_Z01	

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

Right cantilever is exposed to wind

Roof overhang supports 2.00 psf soffit load.

(a) Continuous lateral bracing equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load.

WWFRS loads based on trusses located at least 15.00 ft. from roof edge.

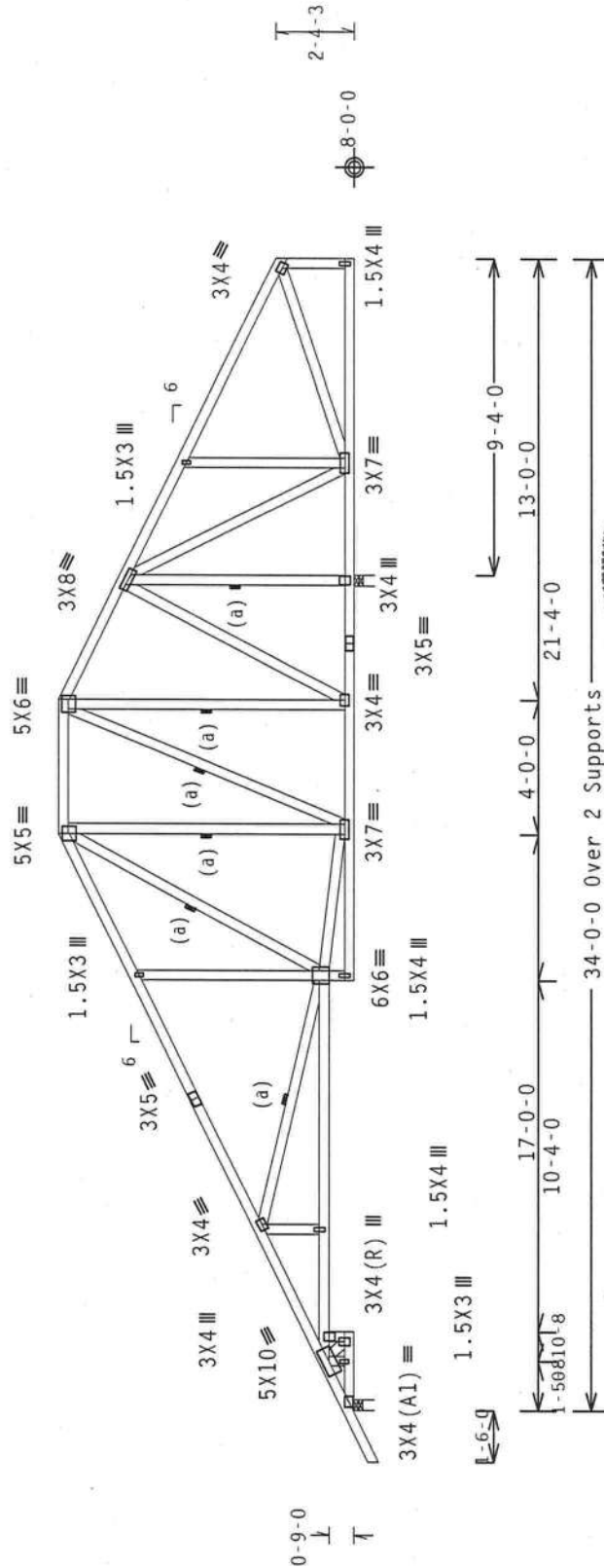
1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpf (+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

Deflection meets L/240 live and L/180 total load.

R=966 U=44 W=4"
RL=180/-169

PLT TYP. Wave

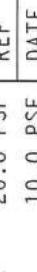
Design Crit: EBC2007Res/TPI-2002

 $FT/RT=10\%$ (0

10.03.04.0601.17

QTY:1 FL/-/4/-/-/R/-/

Scale = .1875"/Ft.



ALPINE

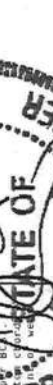
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL COMPACTORS INCLUDING INSTALLERS.

****IMPORTANT**** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. All BCS1 sections shall be braced in accordance with the drawings and erection practices prior to performing these functions. Installers shall provide temporary bracing for all BCS1 sections until the permanent bracing is installed. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing shall have bracing installed per BCS1 sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, bracing or trusses. Apply plates to each face of truss and position as shown above and on the details, unless noted otherwise. Refer to drawings 1608-2 for standard plate positions. Drawing or cover page listing this drawing. Indicates acceptance of professional engineering services by the building designer. ITWBCG shall not be responsible for the design, the responsibility of the building designer per ANSI/TPI 1, Sec.2. For more information see: the general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpi1st.org; VICA: www.vicaindustry.com; ICC: www.iccsafe.org

07/29/2011



TC LL	20.0	PSF	REF	R487--	28615
TC DL	10.0	PSF	DATE	07/29/11	
BC DL	10.0	PSF	DRW	HCSR487	11210013
BC LL	0.0	PSF	HC-ENG	JB/WPF	
TOT.LD.	40.0	PSF	SEQN-	222425	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1UE1487_Z01	

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

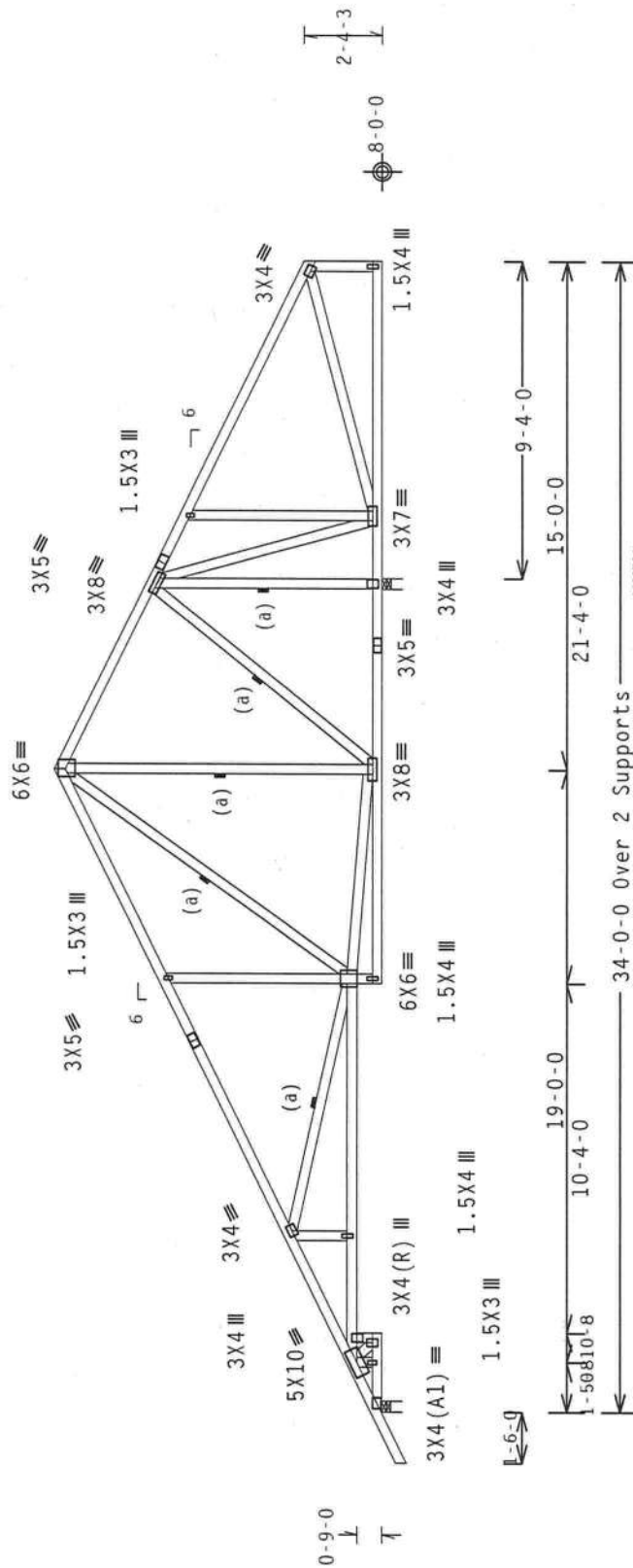
11110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCp1 (+/-)=-0.18

Right cantilever is exposed to wind

Roof overhang supports 2.00 psf soffit load.

(a) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 total load.



R=966 U=37 W=4"
RL=201/-190

Design Crit: FBC2007Res/TPI-2002

OTY:1 FL/-/4/-/-/R/- Scale = .1875"/Ft.

PLT TYP. Wave

IMPORTANTE
 WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
 EGGHUS THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS
 No. 22839 TC 11 20.0 PSF RFF R487-- 28616

Trusses require extreme care in fabricating, handling, shipping, installing and erecting. Refer to and

Follow the latest edition of BC51 (Building Component Safety Information, by TPI and others) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BC51.

DATE OF _____

BC LL 0.0 PSF HC-ENG JB/WPF

any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, unloading, erecting, dismantling, or storing the truss in a manner that could result in the buckling or crushing of trusses. Apply plates to each face of truss and position as shown above and

Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.
Drawing or cover page listing this drawing, indicates acceptance of professional engineering.

responsibility of the Building Designer per ANSI/AP1 1 Sec.2. For more information see: <http://www.ansi.org>

JREF- 1UE1487_Z01
 SPACING 24.0"
 07/29/2011
 JREF- 1UE1487_Z01

(11-161--Fill in later STANLEY CRAWFORD/MAYFAIR --, ** - B)

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

Roof overhang supports 2.00 psf soffit load.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Deflection meets L/240 live and L/180 total load.

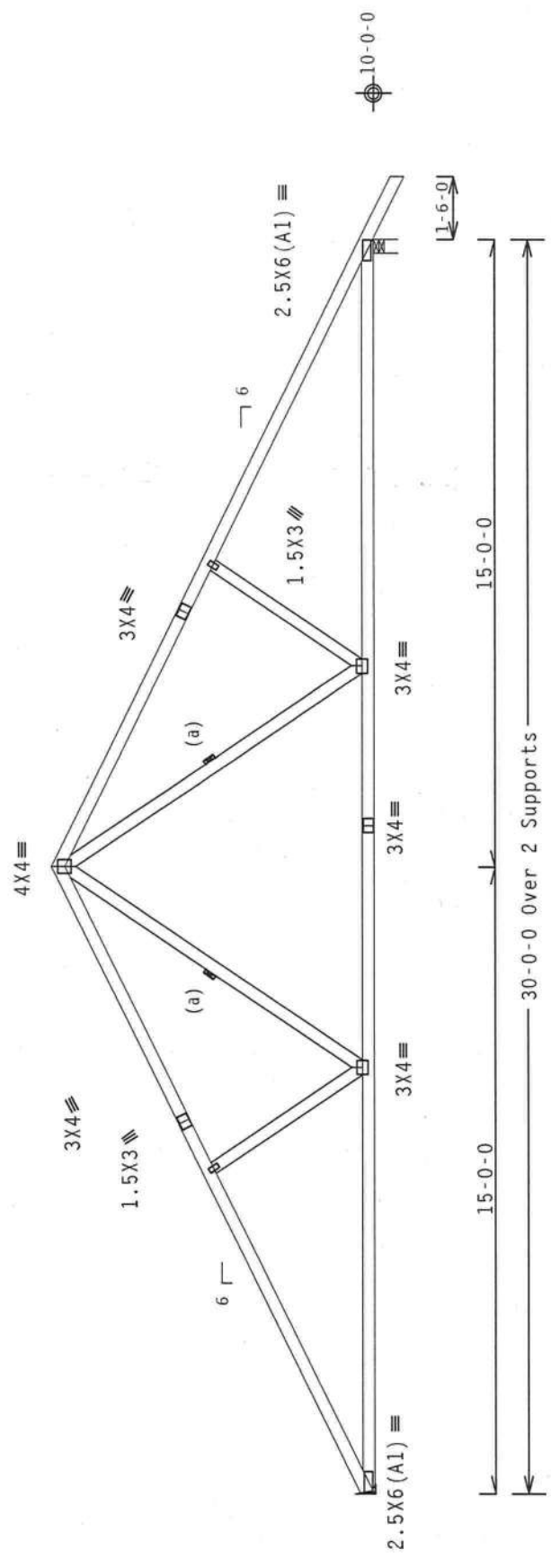
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1w=1.00 GCp1(+/-)-0.18

Wind reactions based on MWFRS pressures.

(a) Continuous lateral bracing equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.



R-1232 U-0
RL-173/-165 H-Simpson HUS26
Supported Member Face: (4) 0.148"x3" nails
Supporting Member Face: (14) 0.148"x3" nails
Supporting Member : (1) 2x6 SP #2



Design Crit: FBC2007Res/TPI-2003 STD
FT/RT=10%(0%)/0(0%)

PLT TYP. Wave

1003-24-0601.1

Scale = .25"/Ft.

 ALPINE Haines City, FL 33844 FL COA #0 278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET! **IMPORTANT** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bolting. Refer to the latest edition of BCSP (Building Component Safety Information, by TPI and ICC) for safe practices prior to performing these functions. Installers shall provide temporary bracing unless noted otherwise. Top chord shall have properly attached structural sheathing and shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing shall have bracing installed per BCSP sections 85, 87 or 810, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviations or any failure to build the truss in conformance with ANSI/TPI 1, or handling, shipping, installation, or use of the truss. ITWBCG shall not be responsible for the design, details, or unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A drawing or cover page listing this drafting. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: the general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinst.org; HICA: www.hicaindustry.com; ICC: www.iccsafe.org									
	07/29/2011									
	TC LL	20.0	PSF							
	TC DL	10.0	PSF							
	BC DL	10.0	PSF							
	BC LL	0.0	PSF							
TOT.LD.	40.0	PSF								
DUR.FAC.	1.25									
SPACING	24.0"									
REF	R487--	28617								
DATE	07/29/11									
DRW	HCSR487	11210015								
HC-ENG	JB/WPF									
SEQN-	221854									
JREF-	1UE1487_Z01									

(11-161--Fill in later STANLEY CRAWFORD/MAYFAIR --, ** - B2)

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

Left end vertical not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load.

(a) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/240 live and L/180 total load.

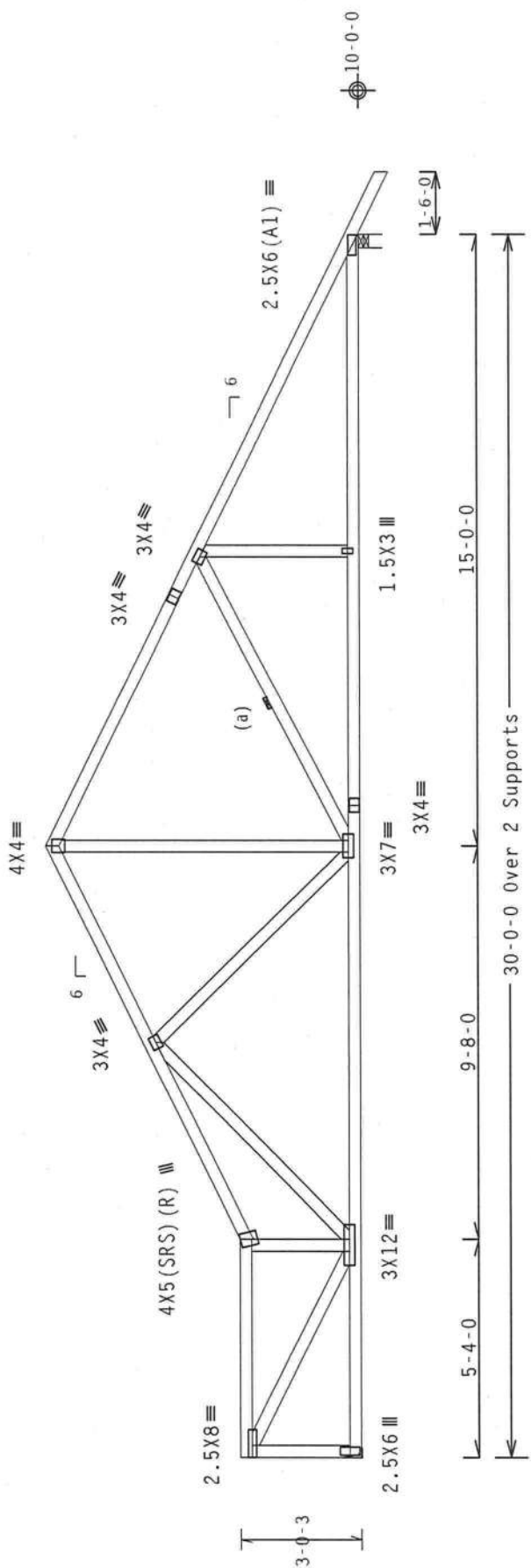
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, LW=1.00 GCpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.



R-1226 U=0
RL-132/-152 H-Simpson LUS26
Supported Member Face: (4)
Supporting Member Face: (4)
Supporting Member : (1) 2x6 SP #2

R=1345 U=0 W=4"

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2003 STD
FT/RT=10%(0%/0/0)

QTY:1 FL/-/4/-/1-/R/-

Scale = .25"/Ft.

ALPINE

rtw Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

****IMPORTANT**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI Building Component Safety Information, by TPI and BCSI, for details on proper practices prior to performing these functions. Installers shall provide temporary bracing per BCSI requirements. 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 bracing shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
rtw Building Components Group Inc. (rtwBCG) shall not be responsible for any deviation from the design shown for any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping or bracing of trusses. Apply plates to each face of truss and position as shown above and on the drawing. Unless noted otherwise, refer to drawings 1004-2 for standard plate positions.
The responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: the general notes page; L/W-BG; www.ltwbcg.com; TPI: www.tpinet.org; NECA: www.necanet.org; ICC: www.iccsafe.org



TC LL	20.0 PSF	REF	R487--	28619
TC DL	10.0 PSF	DATE	07/29/11	
BC DL	10.0 PSF	DRW	HCUSR487	11210017
BC LL	0.0 PSF	HC-ENG	JB/WPF	
TOT.LD.	40.0 PSF	SEQN	221865	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1UE1487_Z01	

07/29/2011

	Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense	
	webs	2x4	SP	#3	Dense	

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. Iw=1.00 GCpf (+/-)-0.18

Left end vertical not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load.

(a) Continuous lateral bracing equally spaced on member.

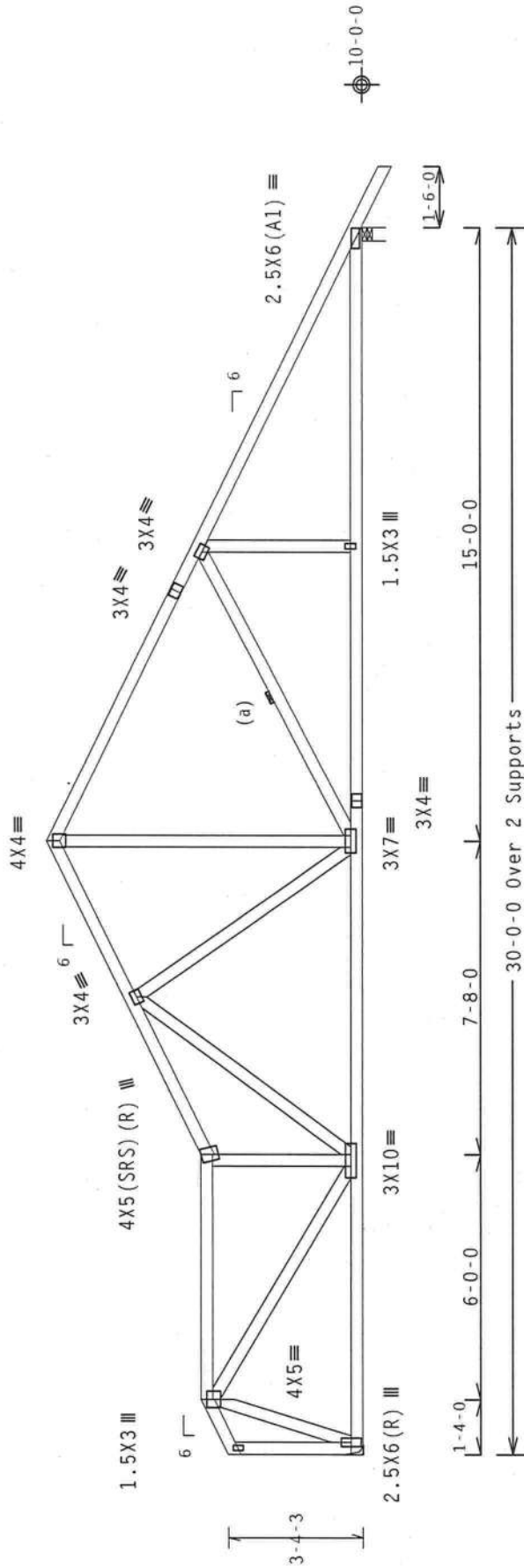
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.



R=1226 U=0
RL=126/-150 H=Simpson LUS26
Supported Member Face: (4)
Supporting Member Face: (4)
Supporting Member : (1) 2x6

R=1345 II=0 W=4"

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 STD
 $FT/RT=10\%(0\%)/0(0\%)$

10.03.84.0501.17

FL/-/4/-/-/R/-

Scale = .25" / Ft.

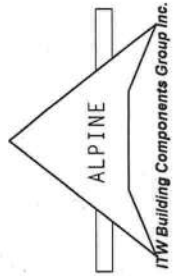
-WARNING- READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

[illegible]

The Building Components Group Inc. (TBGCI) shall not be responsible for any deviation of any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping or bracing of trusses. Apply plates to each face of truss and position as shown above and on details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any other application is the responsibility of the user and not TBGCI.

For more information, contact: TBGCI, 10010 Highway 101, Suite 100, Richmond, BC V6V 2G6, Canada. Tel: 604-273-1100, Fax: 604-273-1101, E-mail: info@tbgci.com, Web: www.tbgci.com, TPI: www.tpi.net, NCA: www.ncaindustry.com, IBC: www.15c5a4a6.org

07/29/2011



Haines City, FL 33844
FL COA #0 278



TC LL	20.0 PSF	REF R487-- 28620
TC DL	10.0 PSF	DATE 07/29/11
BC DL	10.0 PSF	DRW HCUR487 11210018
BC LL	0.0 PSF	HC-ENG JB/WPF
TOT.LD.	40.0 PSF	SEQN- 221880
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UE1487_Z01

(11-161--Fill in later STANLEY CRAWFORD/MAYFAIR --, ** - B4)

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

Left end vertical not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load.

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

Deflection meets L/240 live and L/180 total load.

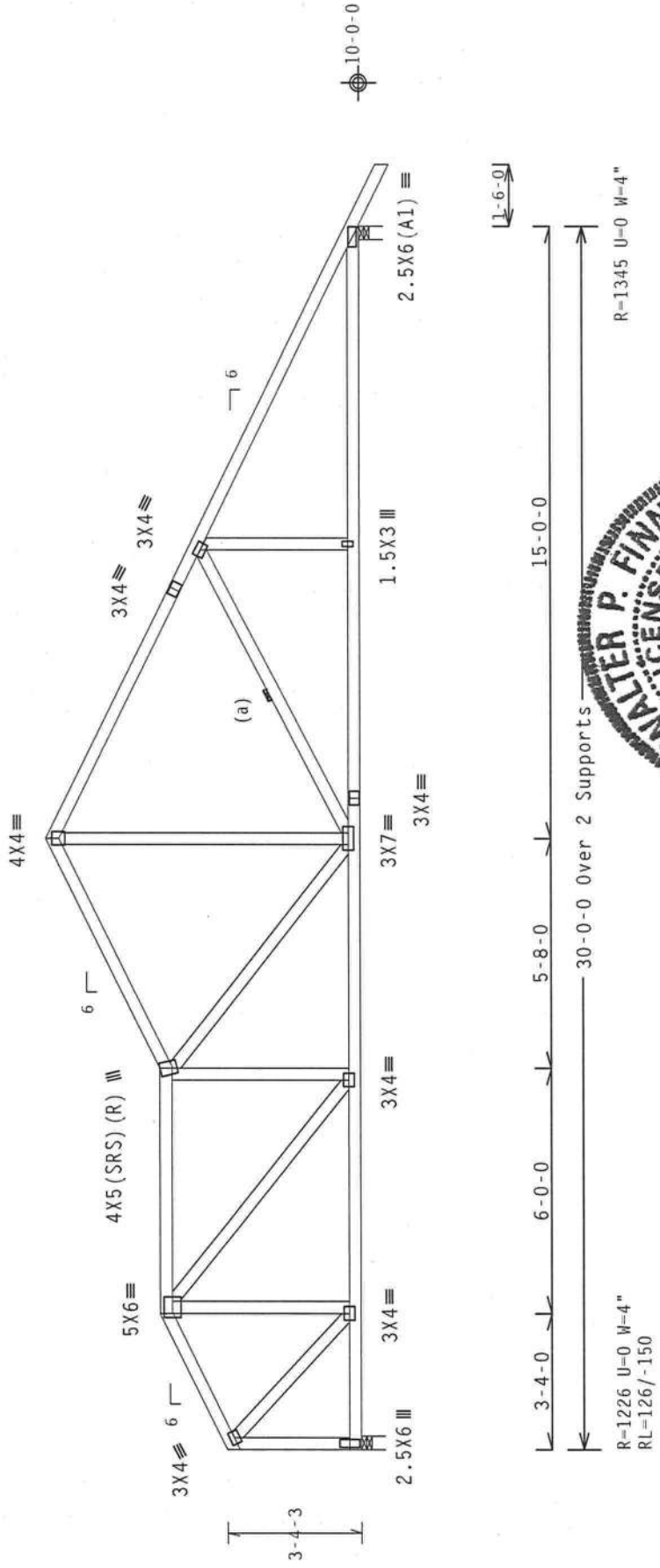
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1w=1.00 GCpl (+/-)=0.18

Wind reactions based on MWFRS pressures.

(a) Continuous lateral bracing equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.



PLT TYP. Wave		Design Crit: FBC2007Res/TPI-2002 (STD) FT/RT=10%(0%)/0(0%)		TY:1		FL/-/4/-/-/R/-		Scale =.25" /Ft.			
ALPINE		***WARNING*** READ AND FOLLOW ALL NOTES ON THIS SHEET! FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Installers require extreme care in fabricating, handling, shipping, installing and bracing. Reader to follow the latest edition of BCSI (Building Component Safety Information, by TPI and BCSI) for safe 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 girders shall have a properly attached rigid ceiling. Locations shown for permanent lateral resistance. Girders shall have bracing installed per BCSI sections 83, 87 or 810, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation, or bracing of trusses. Approvals are not required for this design. For more information see: ITWBCG drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: general notes on ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NICA: www.nicaindustry.com; ICC: www.iccsafe.org		10 No. 022039.17		TC LL		20.0 PSF		REF R487 -- 28621	
						TC DL		10.0 PSF		DATE 07/29/11	
						BC DL		10.0 PSF		DRW HCURS487 11210001	
						BC LL		0.0 PSF		HC-ENG JB/WPF *	
						TOT.LD.		40.0 PSF		SEQN- 221887	
						DUR.FAC.		1.25			
						SPACING		24.0"		JREF - 1UE1487_Z01	
				07/29/2011							

(11-161--Fill in later STANLEY CRAWFORD/MAYFAIR --, ** - B5)

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. W=1.00 GCP1 (+/-)=0.18

Left end vertical not exposed to wind pressure.

(a) Continuous lateral bracing equally spaced on member.

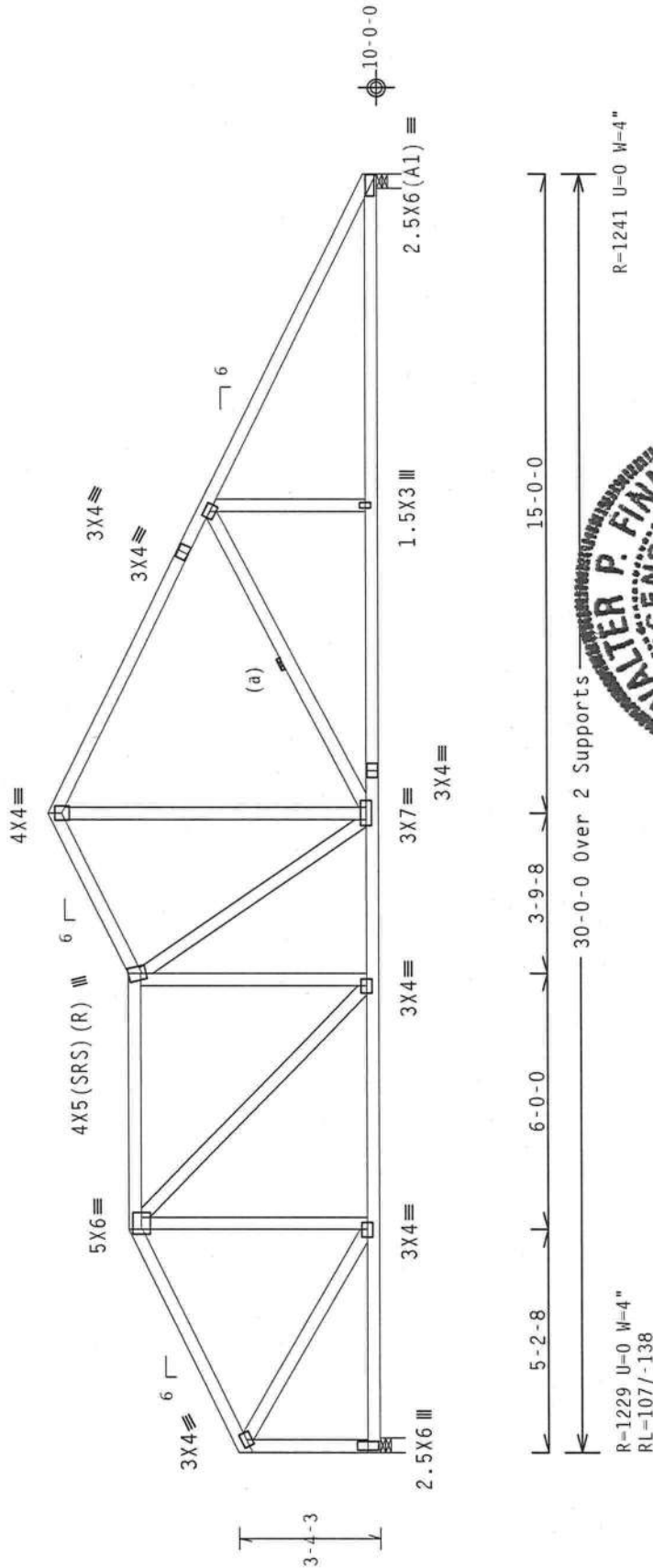
Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

Wind reactions based on MWFRS pressures.

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

Deflection meets L/240 live and L/180 total load.



Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10% (0%)/0 (0)

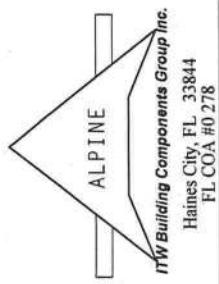
Scale = .25" / Ft.

TC LL	20.0 PSF	REF	R487 -- 28622
TC DL	10.0 PSF	DATE	07/29/11
BC DL	10.0 PSF	DRW	HCUSR487 11210002
BC LL	0.0 PSF	HC-ENG	JB/WPF *
TOT.LD.	40.0 PSF	SEQN-	221899
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UE1487_Z01



WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and BCSI) for all details and instructions. The truss manufacturer shall be responsible for the design and construction of the truss. The truss manufacturer shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, the bracing of trusses. Apply plates to each face of truss and position as shown above and on the drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the user. For more information, visit our website at: www.itwbcg.com; TPI: www.tpi.net; NICA: www.nicaindustrial.com; ICC: www.iccsafe.org

PLT TYP. Wave



Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense :B2 2x8 SP #1 Dense:
Webs 2x4 SP #3

Special loads
----- (Lumber
Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 62 plf at -1.50 to 62 plf at 0.00
TC- From 62 plf at 0.00 to 62 plf at 7.00
TC- From 133 plf at 7.00 to 133 plf at 16.00
TC- From 62 plf at 16.00 to 62 plf at 22.49
BC- From 4 plf at -1.50 to 4 plf at 0.00
BC- From 20 plf at 0.00 to 20 plf at 7.00
BC- From 44 plf at 7.00 to 44 plf at 16.00
BC- From 20 plf at 16.00 to 20 plf at 24.50
BC- 495.19 lb Conc. Load at 7.00,16.00

Wind reactions based on MWFRS pressures.
Deflection meets L/240 live and L/180 total load.

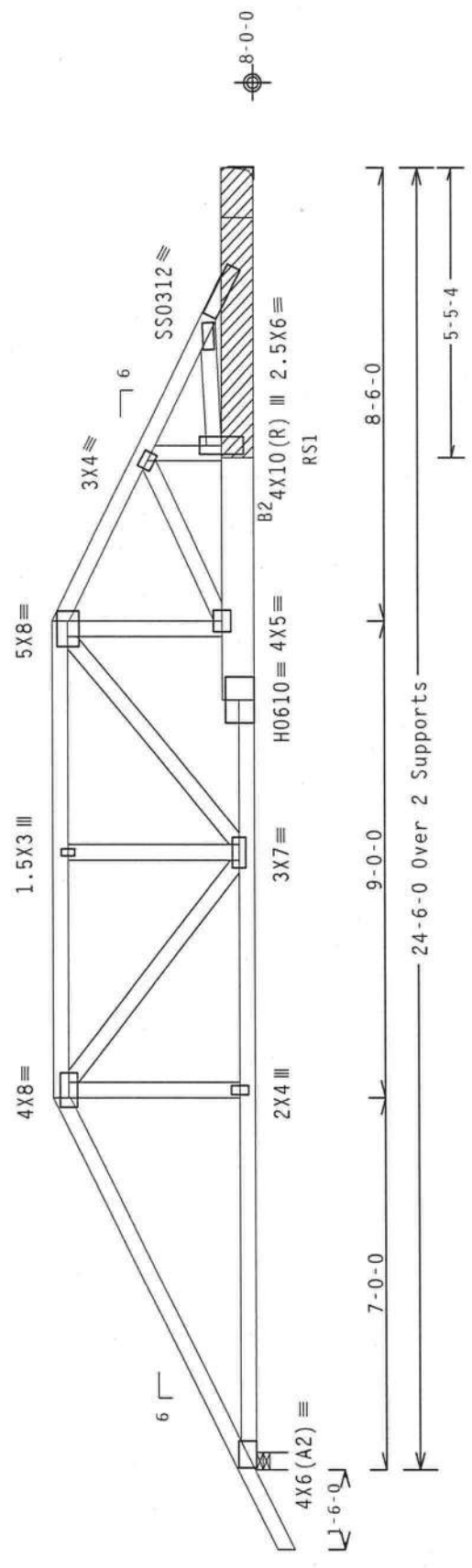
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 gcpl(+/-)-0.18

Roof overhang supports 2.00 psf soffit load.
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

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

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

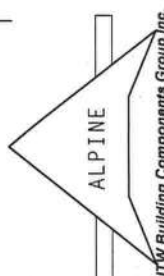
RS1 (2) 2x8x5-5-4 SP #1 Dense Bottom chord scabs centered 21-3-12 from left end. Attach one to each outer face of chord with (4) rows of 0.131"x3" nails @ 12" O.C., staggered 6".



R-1734 U=177

R=2093 U=221 W=4"

PLT TYP. 20 Gauge HS,18 Gauge HS, Design Crit: FBC2007Res/TPI-2002-17010 No. 022809.17
Wave
Scale = .3125"/Ft.

 ALPINE Haines City, FL 33844 FL COA #0 278	WALTER P. FINN LICENSE 10 No. 022809.17 FL STATE OF PROFESSIONAL ENGINEER 07/29/2011		TY:1	FL/-4/-/R/-	Scale = .3125"/Ft.
	TC LL	20.0 PSF	REF	R487--	28623
	TC DL	10.0 PSF	DATE	07/29/11	
	BC DL	10.0 PSF	DRW	HCUSR487	11210019
	BC LL	0.0 PSF	HC-ENG	JB/WPF	
	TOT.L.D.	40.0 PSF	SEQN-	221722	
	DUR.FAC.	1.25			
	SPACING	24.0"	JREF-	1UE1487_Z01	

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpf ($r/-$)=0.18

Roof overhang supports 2.00 psf soffit load.

$H =$ recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

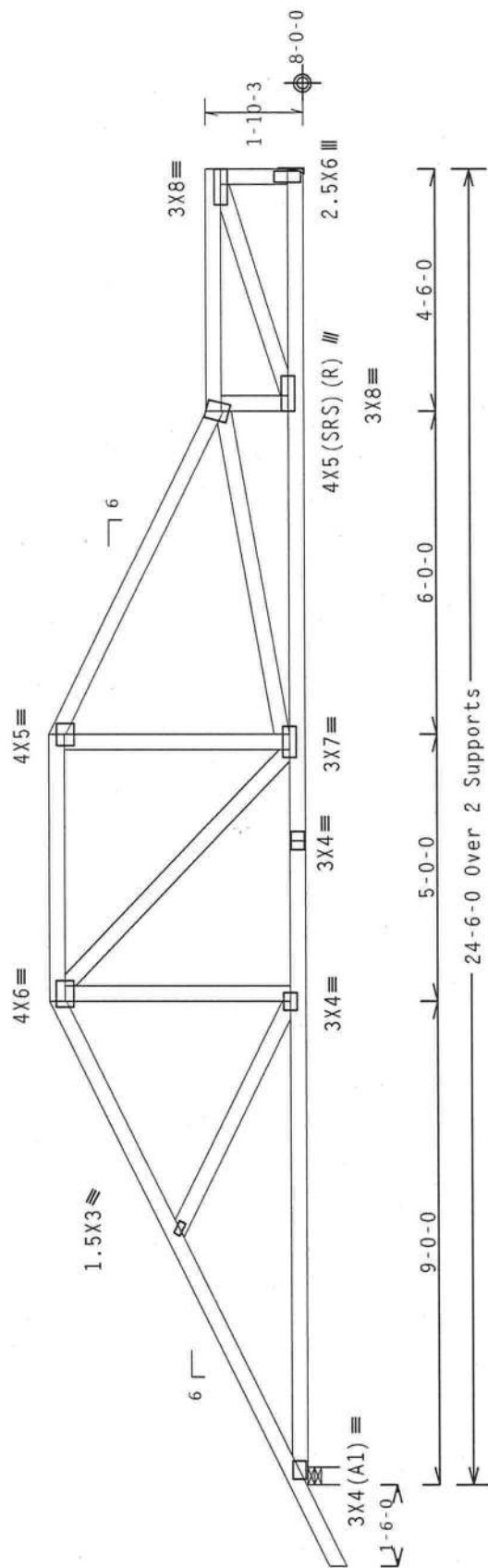
Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 7.50 ft. from roof edge.



R-1119 U-111 W-4"
RL-96/-88

R=999 U=97 H=Simpson LUS26

Supported Member Face: (3) 0.148"x3" nails
Supporting Member Face: (4) 0.148"x3" nails
Supporting Member : (2) 2x6 SP #2

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-200
FT/RT=10%(0%)/0(0%)

10 03 04 0601.17
No. 22839

Scale = .3125"/Ft.

TC LL	20.0 PSF	REF	R487 --	28624
TC DL	10.0 PSF	DATE	07/29/11	
BC DL	10.0 PSF	DRW	HCUSR487	11210043
BC LL	0.0 PSF	HC-ENG	JB/WPF	
TOT.LD.	40.0 PSF	SEQN-	221731	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1UE1487_Z01	

07/29/2011

07/29/2011

REF- 1UE1487_Z01

(11-161--Fill in later STANLEY CRAWFORD/MAYFAIR -- ** - H11C)

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

Roof overhang supports 2.00 psf soffit load.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

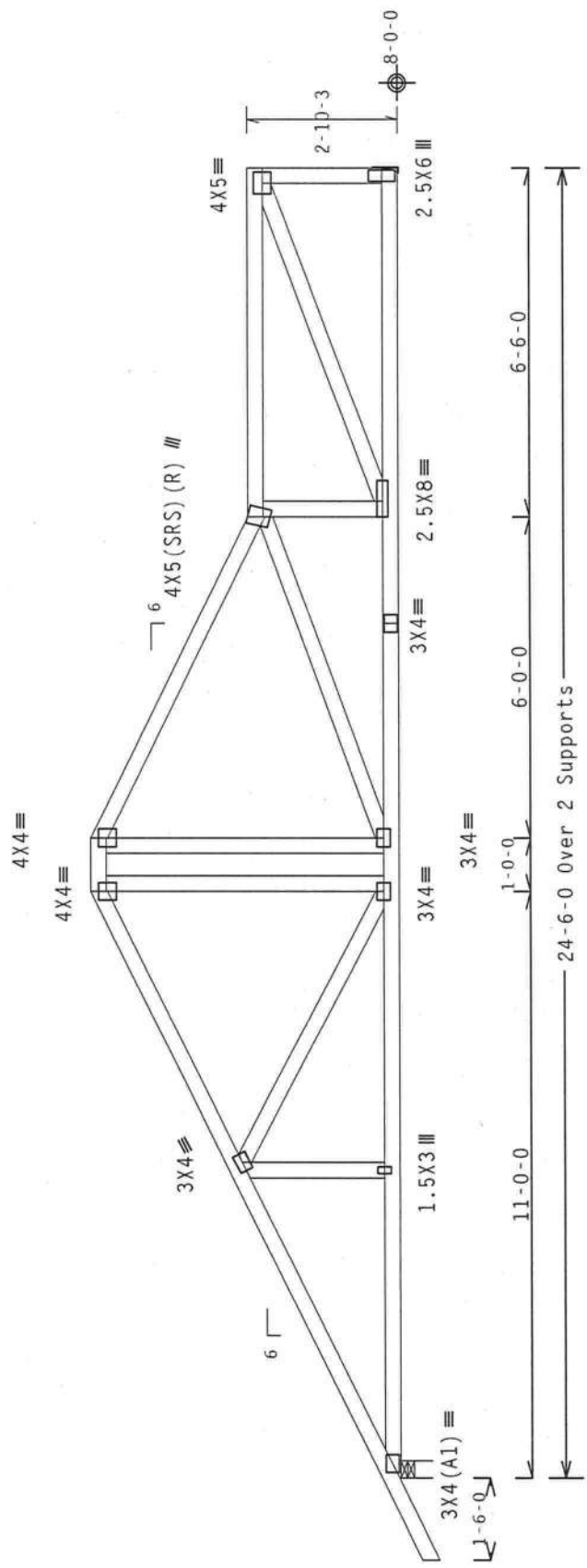
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpl(+/-)-0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

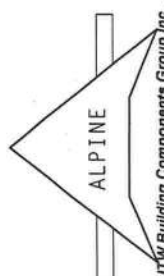
Deflection meets L/240 live and L/180 total load.



R-1119 U-107 W=4"
RL-1111/-93

R-999 U-99 H-Simpson LUS26
Supported Member Face: (3) 0.148"x3" nails
Supporting Member Face: (4) 0.148"x3" nails
Supporting Member: (2) 2x6 SP #2

PLT TYP. Wave Design Crit: FBC2007Res/TPI-2007 STD FT/RT=10%(0%)/0(0%) QTY:1 FL/-/4/-/R/- Scale = .3125"/Ft.

 ALPINE Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	**HARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET. FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI Building Component Safety Information, by TPI and BCSI, 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 bracing shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviations from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the drawing. Cover page listing of trusses and their dimensions and weight shall be used for the design. The responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: the general notes page; ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NICA: www.nicaindustrial.com; ICC: www.iccsafe.org		TC LL	20.0 PSF	REF	R487--	28625
			TC DL	10.0 PSF	DATE	07/29/11	
			BC DL	10.0 PSF	DRW	HCUSR487	11210044
			BC LL	0.0 PSF	HC-ENG	JB/WPF	
			TOT.LD.	40.0 PSF	SEQN-	221741	
		DUR.FAC.	1.25				
		SPACING	24.0"				JREF- 1UE1487_Z01



110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpf (+/-)=0.18

End verticals not exposed to wind pressure.

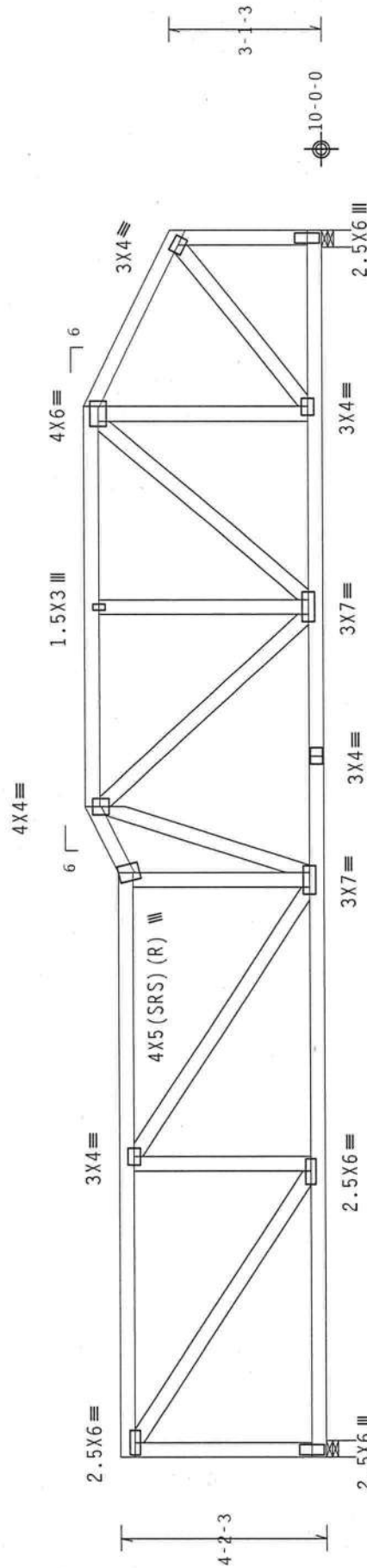
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load.

MMWRS loads based on trusses located at least 15.00 ft. from roof edge.



Technical drawing of a beam section showing dimensions and supports. The drawing includes a horizontal line representing the beam, with vertical lines indicating supports. The dimensions are as follows:

- Left support to first internal support: 11'-8" 0
- First internal support to second internal support: 1'-4" 0
- Second internal support to right support: 8'-0" 0
- Right support to end of beam: 3'-6" 0
- Total length of beam: 24'-6" 0 Over 2 Supports

Below the beam, the following text is present:

R-1009 U-95 W-4"
 I = 30
 R = 1009 U = 60 W = 4"

A circular stamp is visible on the right side of the drawing, containing the text "ALTER P. FIA".

PLOT TYP. Wave

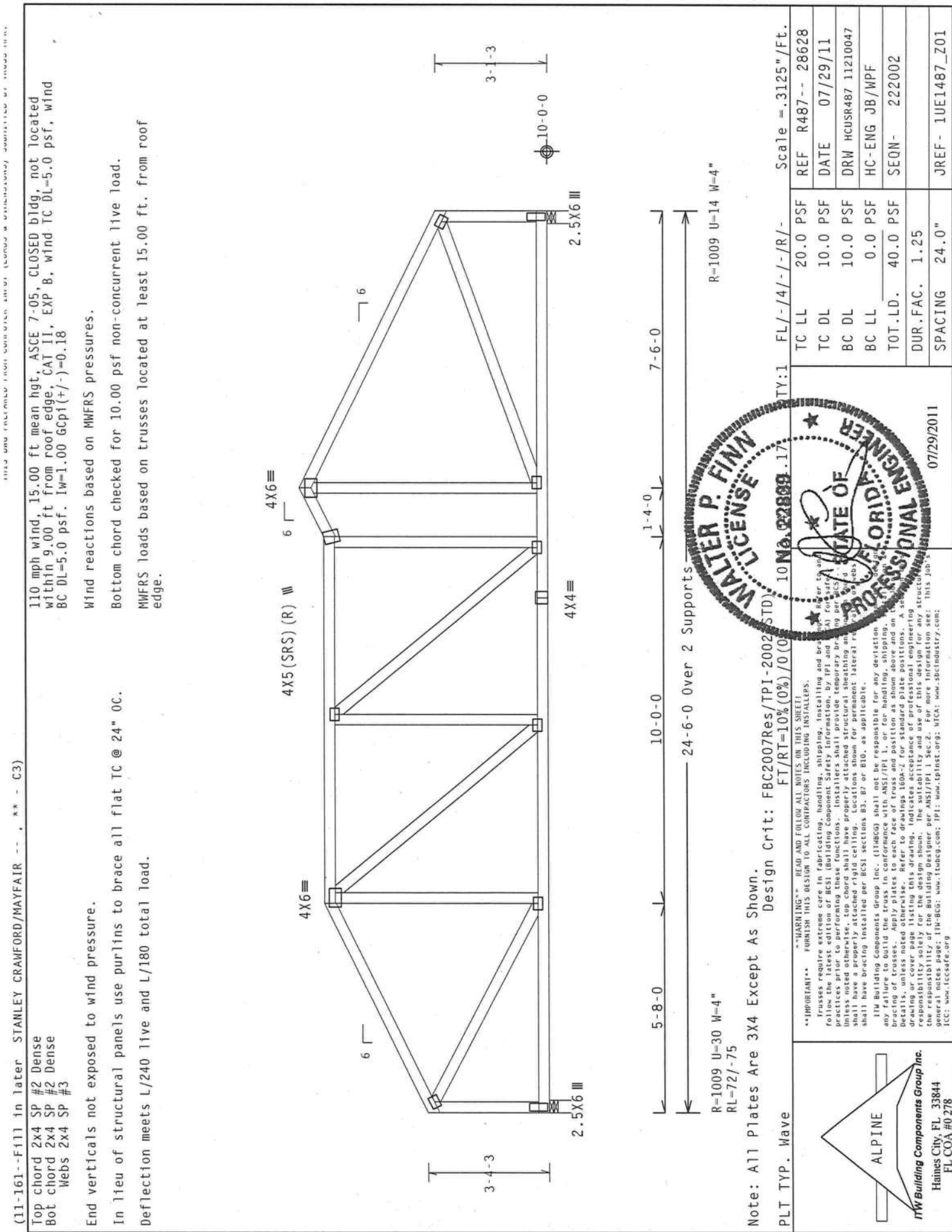
Design Crit: FBC2007Res/TPI-2002 (STD)

10103.04.0581.17

QTY:1 FL/-/4/-/-/R/-/

Scale = .3125"/Ft.

[illegible]



(11-161--Fill in later STANLEY CRAWFORD/MAYFAIR --, ** - C3)

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

End verticals not exposed to wind pressure.
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge. CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpl(+/-)-0.18

Wind reactions based on MWFRS pressures.
Bottom chord checked for 10.00 psf non-concurrent live load.
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

Scale = .3125"/Ft.

REF R487-- 28628
DATE 07/29/11
DRW HCUSR487 11210047
HC-ENG JB/WPF
SEQN- 222002
JREF- 1UE1487_Z01

TY:1 FL/-/4/-/-/R/-
TC LL 20.0 PSF
TC DL 10.0 PSF
BC DL 10.0 PSF
BC LL 0.0 PSF
TOT.LD. 40.0 PSF
DUR.FAC. 1.25
SPACING 24.0"

10 No. 02809 .17
WALTER P. FINN
LICENSE
FLORIDA
PROFESSIONAL ENGINEER
07/29/2011

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

PLT TYP. Wave
Note: All Plates Are 3X4 Except As Shown.
Design Crit: FBC2007Res/TPI-2002 (STO) FT/RT=10%(0%)/0(0%)

R-1009 U-30 W-4"
RL-72/-75

24-6-0 Over 2 Supports

5-8-0 10-0-0 7-6-0

3-4-3 3-1-3 10-0-0

4X6 III 4X6 III 4X6 III
4X5 (SRS) (R) III 4X4 III 2.5X6 III

11-161--Fill in later STANLEY CRAWFORD/MAYFAIR --, ** - C3)

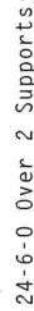
[illegible]

110 mph wind, 15.14 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCp1 (+/-)=0.18

End verticals not exposed to wind pressure.

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 15.14 ft. from roof edge.



R=1009 H=15 W=4"

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%) / 0(0%)

QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

****IMPORTANT**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
****WARNING**** FURNISH TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trosses require extreme care in fabricating, handling, shipping, installing and testing. The following instructions are intended to ensure safety practices prior to performing these functions. Installers shall provide temporary bracing to support all trusses until they have been permanently installed. Unless noted otherwise, top chord shall have properly attached structural steel plates having a properly attached rigid ceiling. Locations shown for permanent bracing shall have bracing installed per BCSP sections B3, B7 or B10, as applicable.

LTV Building Components Group Inc. (LTBCBG) shall not be responsible for any failure to build the Truss in conformance with ANSI/TPI 1, or for handling or bracing of trusses. Apply plates to each face of truss and position as shown on details, unless noted otherwise. Refer to drawings 160A-2 for standard plate detailing and cover plate listing this drawing. Indicates acceptance of professional responsibility solely for the design shown. The applicability and use of this drawing requires the user to verify that it applies to their project. For more information, please contact LTV-BG at ltn-bg@ltnbg.com. TPI: www.tpinet.org; AISC: www.aisc.org.

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpf (+/-)=0.18

Calculated horizontal deflection is 0.13" due to live load and 0.14" due to dead load.

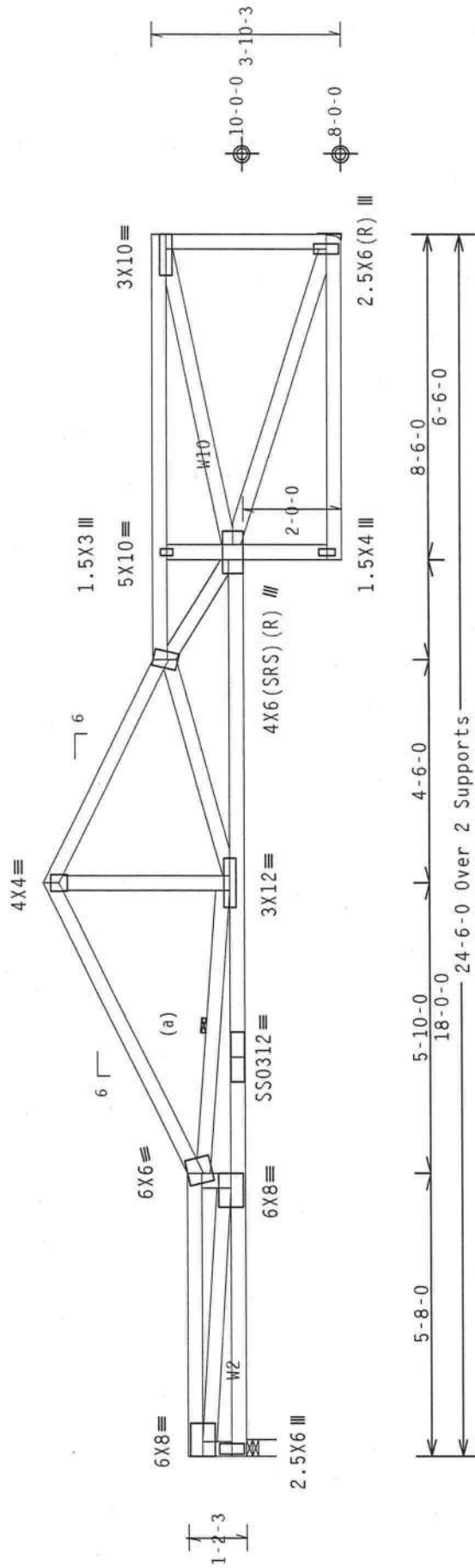
Max JT VERT DEFL: LL: 0.38" DL: 0.40" recommended camber 3/4"

(a) Continuous lateral bracing equally spaced on member.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

MWERS loads based on trusses located at least 7.50 ft. from roof edge.



R=1009 U=96 W=4"
RL=56 / - 49

R-1009 U-99 H-Simpson LUS26
Supported Member Face: (3) 0.148"x3" nails
Supporting Member Face: (4) 0.148"x3" nails
Supporting Member : (2) 2x6 SP #2

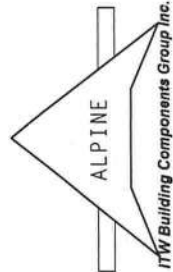
PLT TYP: 18 Gauge HS.Wave
Design Crit: FBC2007Res/TPI-2002
FT/RT=10%(0%)/0(0%)

QTY:1 FL/-/4/-/-/R/- Scale = .3125"/Ft.

TC LL	20.0	PSF	REF R487-- 28630
TC DL	10.0	PSF	DATE 07/29/11
BC DL	10.0	PSF	DRW HCUR487 11210049
BC LL	0.0	PSF	HC-ENG JB/WPF
TOT.LD.	40.0	PSF	SEQN- 221940
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1UE1487_Z01

07/29/2011

07/29/2011



Haines City, FL 33844
FL COA #0278

(11-161--Fill in later STANLEY CRAWFORD/MAYFAIR -- . ** - CT2)

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

End verticals not exposed to wind pressure.

Max JT VERT DEFL: LL: 0.13" DL: 0.14" recommended camber 1/4"

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

Bottom chord checked for 10.00 psf non-concurrent live load.

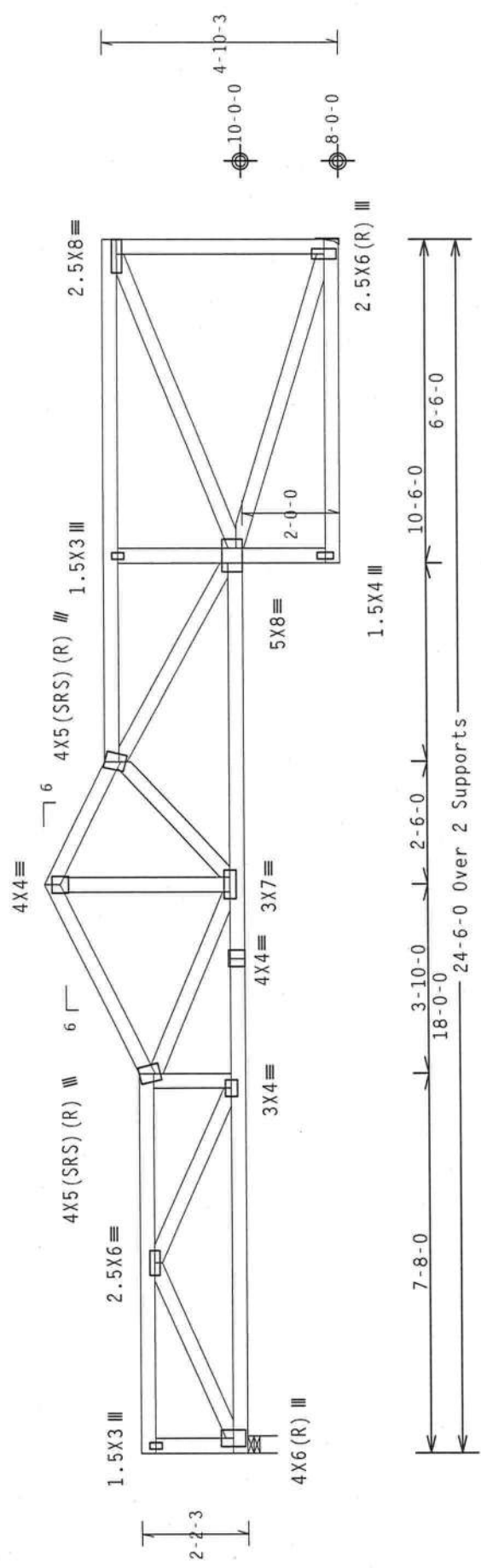
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1w=1.00 GCpl(+/-)-0.18

Wind reactions based on MWFRS pressures.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Deflection meets L/240 live and L/180 total load.



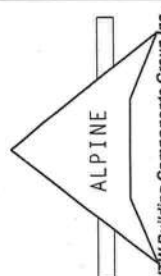
R-1009 U-65 H-Simpson LUS26
Supported Member Face: (3) 0.148"x3" nails
Supporting Member Face: (4) 0.148"x3" nails
Supporting Member: (2) 2x6 SP #2



R-1009 U-54 W-4"
RL-35/-28

Design Crit: FBC2007Res/TPI-2002 (S) 10 No. 22839.17
FT/RT=10%(0)/0(0) TY:1 FL/-4/-/-R/- Scale = .3125"/Ft.

PLT TYP. Wave

 ALPINE Haines City, FL 33844 FL COA #0 278	**IMPORTANT** READ AND FOLLOW ALL NOTES ON THIS SHEET! FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to any follow the latest edition of BCS1 (Building Component Safety Information, by TPI and IBC) for safe practices prior to performing these functions. Installers shall provide temporary bracing per BCS. Unless noted otherwise, top chord shall have properly attached structural sheathing and shall have a properly attached rigid ceiling. Locations shown for permanent lateral resistance shall have bracing installed per BCS1 sections B3, B7 or B10, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, bracing of trusses. Apply plates to each face of truss and position as shown above and on the drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this information see: general notes page; ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NICA: www.nicaindustry.com; ICC: www.iccsafe.org									
										
	TC LL	20.0 PSF	REF	R487--	28631					
	TC DL	10.0 PSF	DATE	07/29/11						
	BC DL	10.0 PSF	DRW	HCUSR487	11210050					
	BC LL	0.0 PSF	HC-ENG	JB/WPF						
TOT.LD.	40.0 PSF	SEQN-	221937							
DUR.FAC.	1.25									
SPACING	24.0"	JREF-	1UE1487_Z01							

	Top	chord	2x4	SP	#2	Dense
	Bot	chord	2x4	SP	#2	Dense
		webs	2x4	SP	#3	

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpf (+/-)=0.18

End verticals not exposed to wind pressure.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

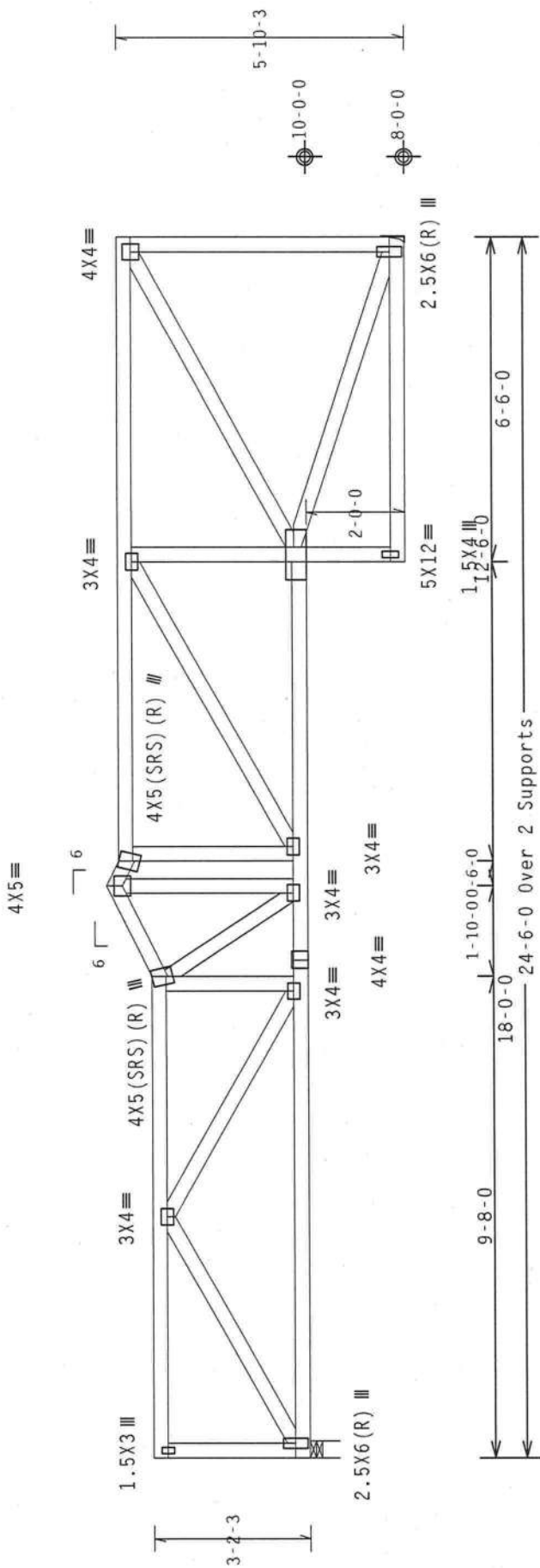
Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.



R=1009 H=89 W=4"

R=1010 U=94 H=Simpson LU526
Supported Member Face: (3) 0.148"x3" nails
Supporting Member Face: (4) 0.148"x3" nails
Supporting Member : (2) 2x6 SP #2

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0%)

10 No. 0289. 17.

FL/-/4/-/-/R/-/-
Scale = .3125"/Ft.

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Haines City, FL 33844
FL COA #0 278

Professional Engineer Seal for the State of Florida, No. 12569, signed by Robert T. Riser.

07/29/2011

responsibility solely for the design shown. The suitability and use of this design for any other purpose is the responsibility of the Building Designer per ANSI/TP1 1 Sec.2. For more information see: general notes page; ITH-BEG: www.ithbucg.com; IPI: www.tpinst.org; NITCA: www.sbcindustry.com; ICC: www.iccsafe.org

responsibility solely for the design shown. The suitability and use of this design is the responsibility of the Building Designer per ANSI/TP1 1 Sec.2. For more information see:

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

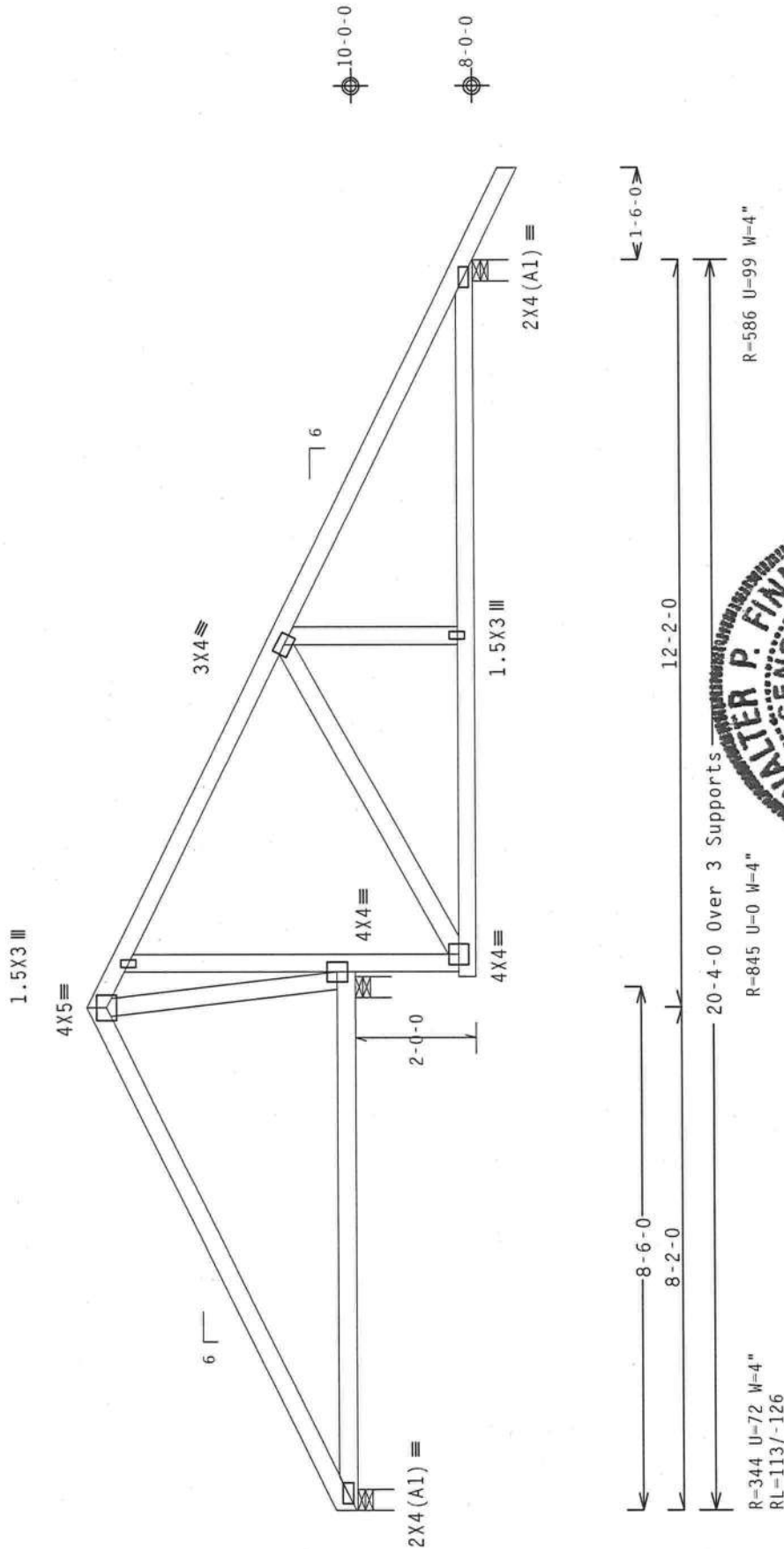
Roof overhang supports 2.00 psf soffit load.

Bottom chord checked for 10.00 psf non-concurrent live load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg. Located
anywhere in roof. CAT II, Exp B, wind TC DL=5.0 psf, wind BC DL=5.0
psf. $I_w=1.00$ GCp1 (+/-)-0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0%)

Scale = .375"/Ft.

TY: 3	FL: -/4/-/-/R/-	TC LL	20.0 PSF	REF	R487-- 28633
		TC DL	10.0 PSF	DATE	07/29/11
		BC DL	10.0 PSF	DRW	HCUSR487 11210052
		BC LL	0.0 PSF	HC-ENG	JB/WPF
		TOT.LD.	40.0 PSF	SEQN-	221773
		DUR.FAC.	1.25		
		SPACING	24.0"	JREF-	1UE1487_Z01

WALTER P. FINN
LICENSE
10 No. 02889 .17
FLORIDA
PROFESSIONAL ENGINEER
07/29/2011

ALPINE
Haines City, FL 33844
FL COA #0 278

ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

****HARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Higher trusses follow the latest edition of BCSI Building Component Safety Information, by TPI and BCSI, for safe 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 bracing of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, bracing of trusses. Apply plates to each face of truss and position as shown above and on a vertical plane. Details, unless noted otherwise, shall be as shown in this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structural general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NICA: www.sbindustry.com; ICC: www.iccsafe.org

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

:Stack Chord SC1 2x4 SP #2 Dense:

Gable end supports 8" max rake overhang.

See DWGS A11015050109 & GBLLETIN0109 for more requirements.

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

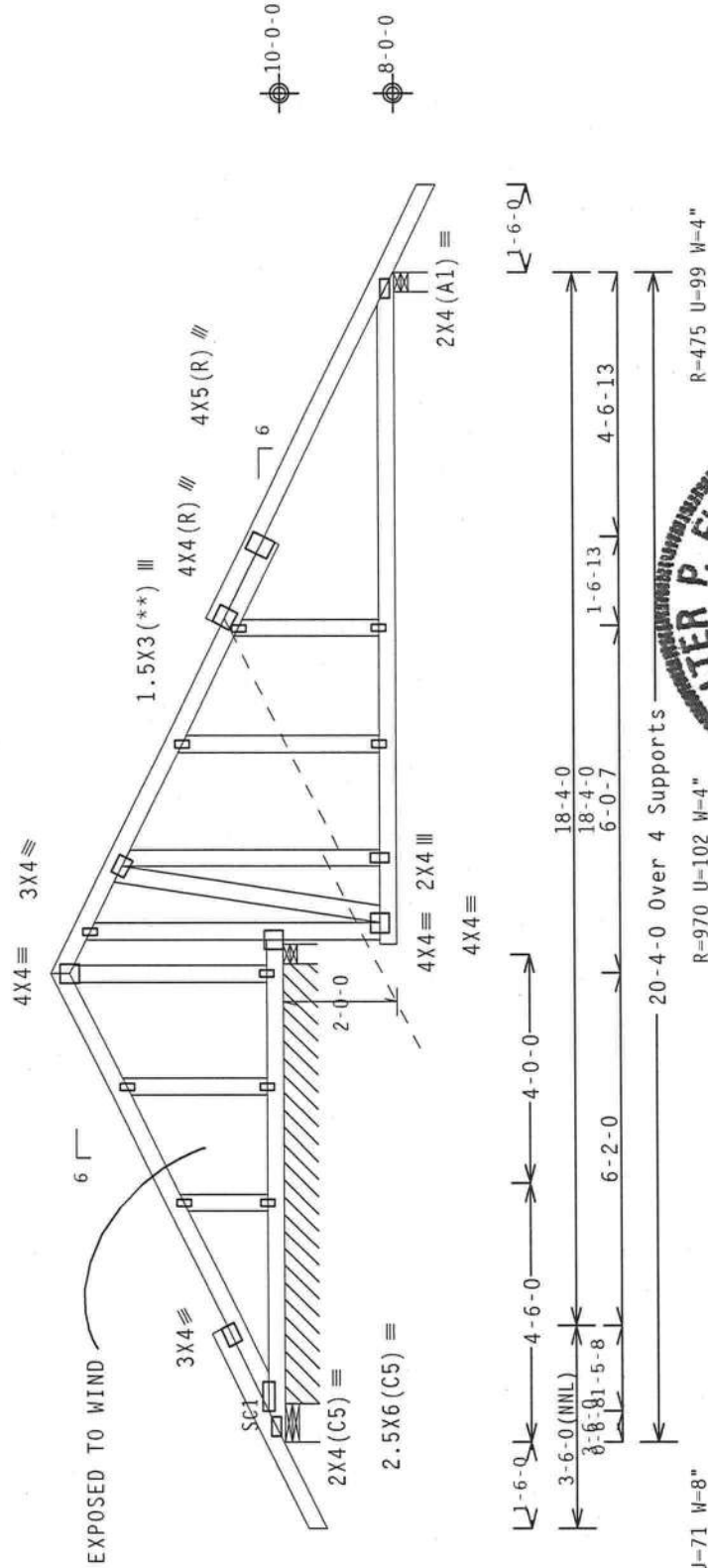
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. IW=1.00 GCpi (+/-)-0.18

Wind reactions based on MMFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/240 live and L/180 total load.



R-327 U=71 W=8"
RL-124/-145

R-51 PLF U-15 PLF W=7-8-0

Note: All Plates Are 1.5X3 Except As Shown.

Design Crit: FBC2007Res/TPI-2002 STD

FT/RT=10%(0%)/0(0%)

10MB-228301.17

Scale = .3125"/Ft.

FL/-4/-1-R/-

TY:1

REF R487-- 28634

DATE 07/29/11

DRW HCUSR487 11210053

HC-ENG JB/WPF

SEQN- 221799

TOT.L.D. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

JREF- 1UE1487_Z01

HARRING READ AND FOLLOW ALL NOTES ON THIS SHEET.

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing.

Refer to the latest edition of BCSI Building Component Safety Information, by TPI and BCSI, for details on proper practices prior to performing these functions.

Installers shall provide temporary bracing per BCSI and BCSI shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing shall have Bracing Installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design shown for any reason.

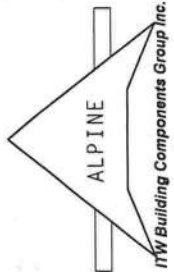
any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, bracing or otherwise. Apply plates to each face of truss and position as shown above and on the drawing or other page listing details.

Details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions.

ITW Building Components Group Inc. shall not be responsible for any deviation from the design shown for any reason.

the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This job's general notes page; ITW-BCSI: www.itwbcg.com; TPI: www.tpinet.org; NCEA: www.nceaindustry.com; ICC: www.iccsafe.org

07/29/2011



Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense :B2 2x6 SP #1 Dense:
Webs 2x4 SP #3 :W2 2x4 SP #2 Dense:

Special loads

(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 62 plf at 0.00 to 62 plf at 8.17
TC- From 31 plf at 8.17 to 31 plf at 19.27
TC- From 62 plf at 19.27 to 62 plf at 21.83
BC- From 20 plf at 0.00 to 20 plf at 8.67
BC- From 10 plf at 8.67 to 10 plf at 20.33
BC- From 4 plf at 20.33 to 4 plf at 21.83
BC- 1009, 52 lb Conc. Load at 9.27, 11.27, 13.27
BC- 999, 19 lb Conc. Load at 15.27, 17.27
BC- 1734, 30 lb Conc. Load at 19.27

Deflection meets L/240 live and L/180 total load.

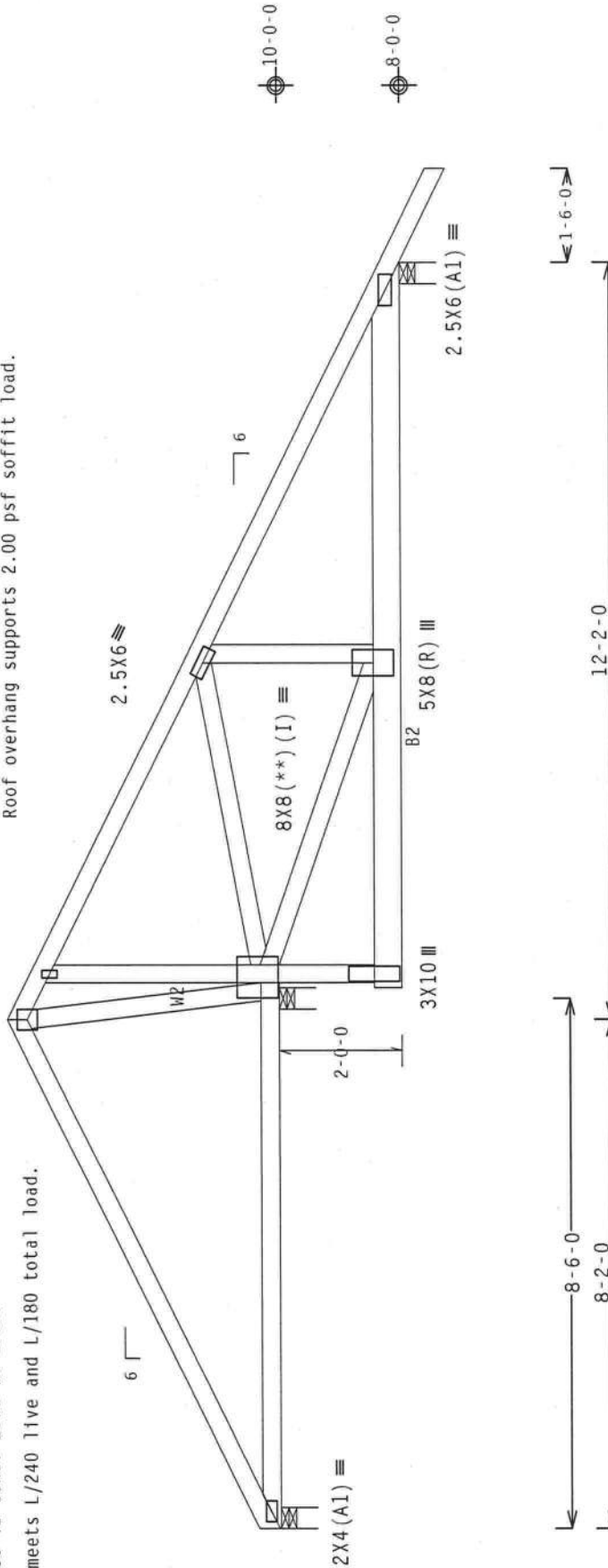
2 COMPLETE TRUSSES REQUIRED

Nail Schedule: 0.131"x3" nails
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 1 Row @ 4.75" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpl(+/-)-0.18

Wind reactions based on MMFRS pressures.

Roof overhang supports 2.00 psf soffit load.



20'-4'-0" Over 3 Supports

R=290 U=50 W=4"

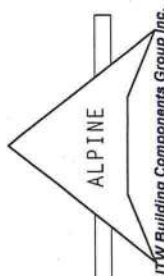
R=3805 U=318 W=4"

R=3977 U=429 W=4"

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 STD
FT/RT=10%(0%)/0(0%)

Scale = .375"/Ft.

 ALPINE Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	WALTER P. FINN LICENSE 10N3-22839-117		TY:1	FL/-4/-/-R/-	TC LL	20.0 PSF	REF	R487-- 28635
	STATE OF FLORIDA PROFESSIONAL ENGINEER				TC DL	10.0 PSF	DATE	07/29/11
					BC DL	10.0 PSF	DRW	HCUSR487 11210054
					BC LL	0.0 PSF	HC-ENG	JB/WPF
					TOT.LD.	40.0 PSF	SEQN-	221978
					DUR.FAC.	1.25		
					SPACING	24.0"	JREF-	1UE1487_Z01

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

:Stack Chord SC1 2x4 SP #2 Dense::Stack Chord SC2 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

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

Gable end supports 8" max rake overhang.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1W=1.00 GCp1 (+/-)-0.18

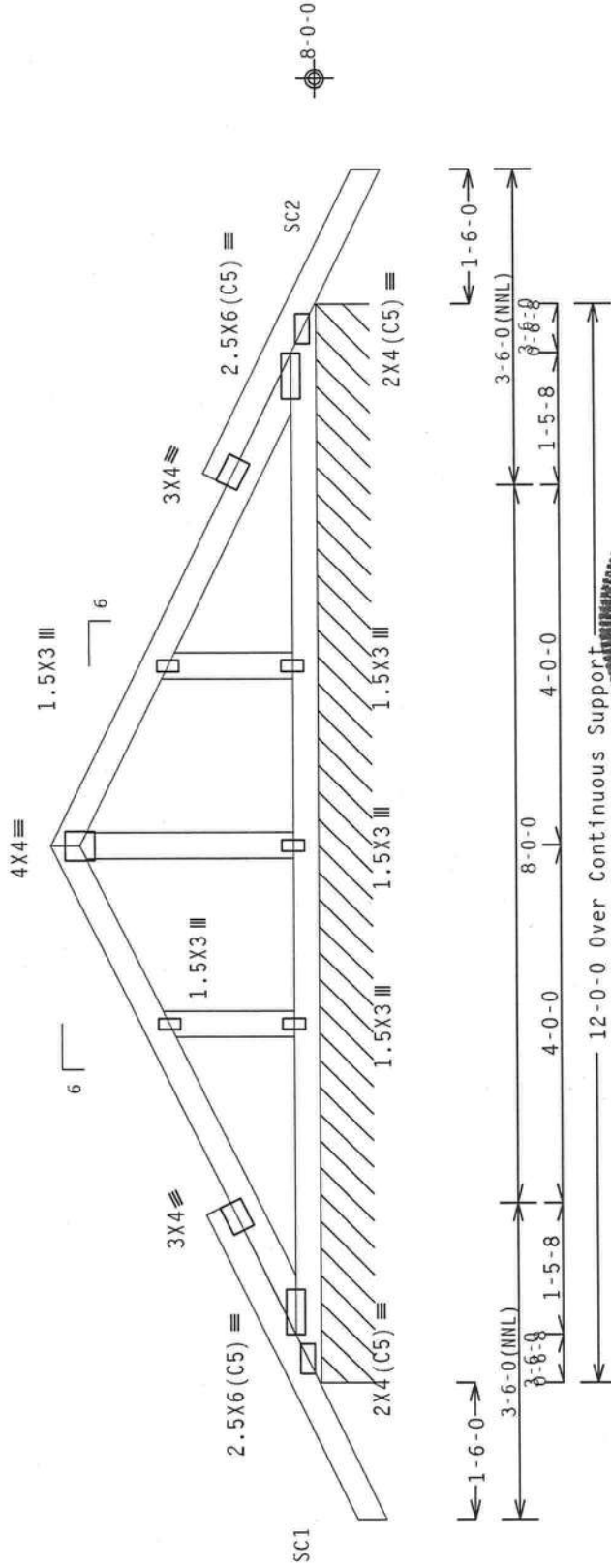
Wind reactions based on MMFRS pressures.

See DWGS A11015050109 & GBLLETTIN0109 for more requirements.

In lieu of structural panels use purlins to brace TC @ 24" OC.

Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/180 live and L/120 total load.



R=116 PLF U=9 PLF W=12-0-0
RL=8/-8 PLF

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2003 STD
FT/RT=10%(0%)/0(0%)

QTY:1 FL/-4/-/-R/-

Scale = .5" / Ft.

 ALPINE nW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	**HARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and BCSI) 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 or blocking. Top chord shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinst.org; NICA: www.nicaindustry.com; ICC: www.iccsafe.org		REF R487-- 28636
	IMPORTANT FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and BCSI) 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 or blocking. Top chord shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinst.org; NICA: www.nicaindustry.com; ICC: www.iccsafe.org		DATE 07/29/11
	1003-24-0601.1		DRW HCUSR487 11210003
	1003-24-0601.1		HC-ENG JB/WPF *
	1003-24-0601.1		SEQN- 221750
07/29/2011			

(11-161--Fill in later STANLEY CRAWFORD/MAYFAIR --, ** - G)

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

Roof overhang supports 2.00 psf soffit load.

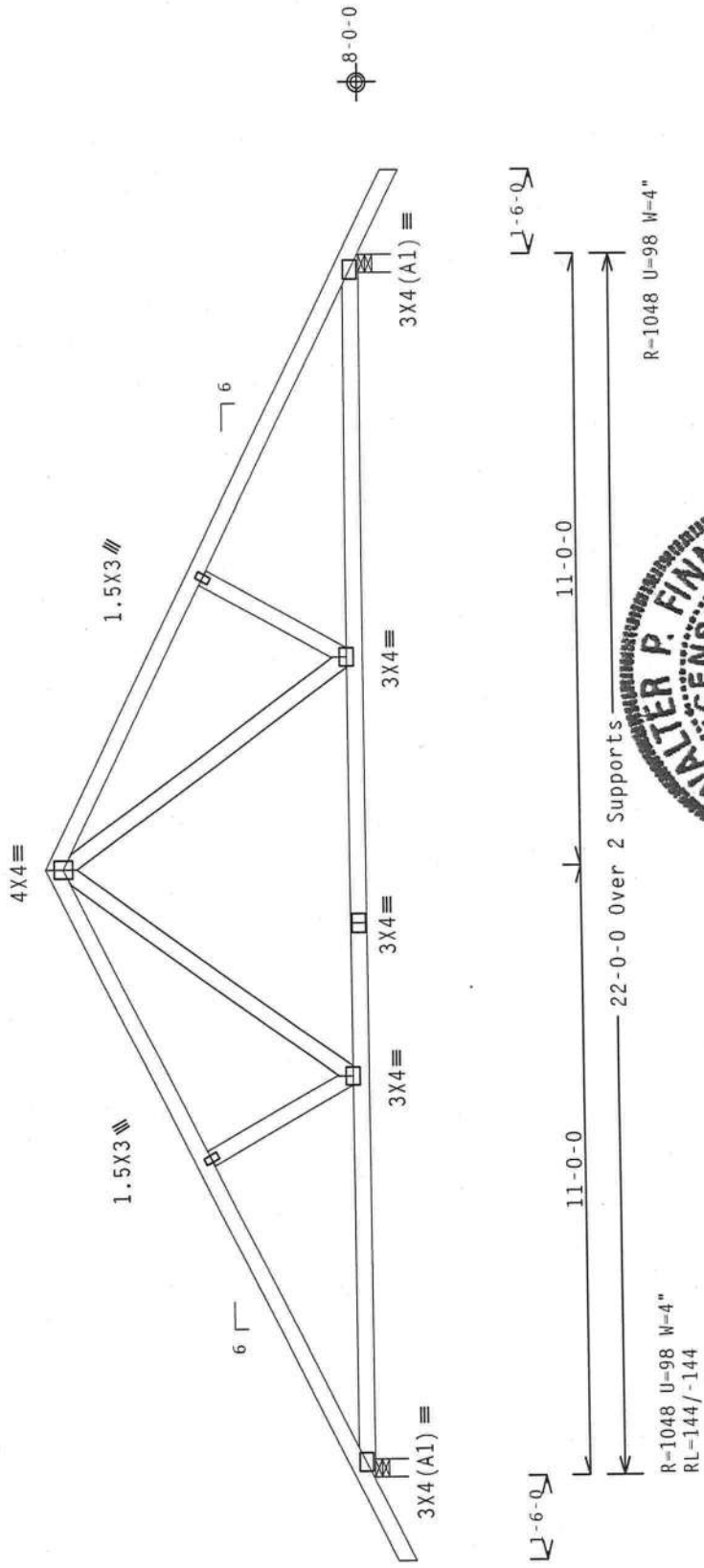
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave		Design Crit: FBC2007Res/TPI-2007 STD FT/RT=10%(0%) / 0(0%)		QTY: 5		FL / - / 4 / - / - / R / -		Scale = 3/16" / Ft.	
						TC LL		20.0 PSF	
						TC DL		10.0 PSF	
						BC DL		10.0 PSF	
						BC LL		0.0 PSF	
						TOT.LD.		40.0 PSF	
						DUR.FAC.		1.25	
						SPACING		24.0"	
						JREF		1UE1487_Z01	

ALPINE

rtw Building Components Group Inc.

Haines City, FL 33844

FL COA #0278

WALTER P. FINN

LICENSE

10-03-04-06-01-17

NO-22839

STATE OF FLORIDA

PROFESSIONAL ENGINEER

07/29/2011

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. The latest edition of BCSI (Building Component Safety Information, by IPI and BCSI) must be followed. Refer to drawings 160A-2 for standard plate positions. A separate drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any other purpose is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information, general notes page: ITH-BCSI: www.ithincg.com; IPI: www.tpinat.org; WICA: www.ithindustry.com; ICC: www.iccsafe.org

STANLEY CRAWFORD/MAYFAIR -- , ** - GGE)

Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	

Webbs 2x4 SP #3 SP #2 Dense:

```
:Stack closed for exit.
```

Roof overhang supports 2.00 psi snow load.

See DWGS A11015050109 & GBLLETIN0109 for more requirements.

In lieu of structural panels use purlins to brace TC @ 24" OC.

Bottom chord checked for 10.00 psf non-concurrent live load.

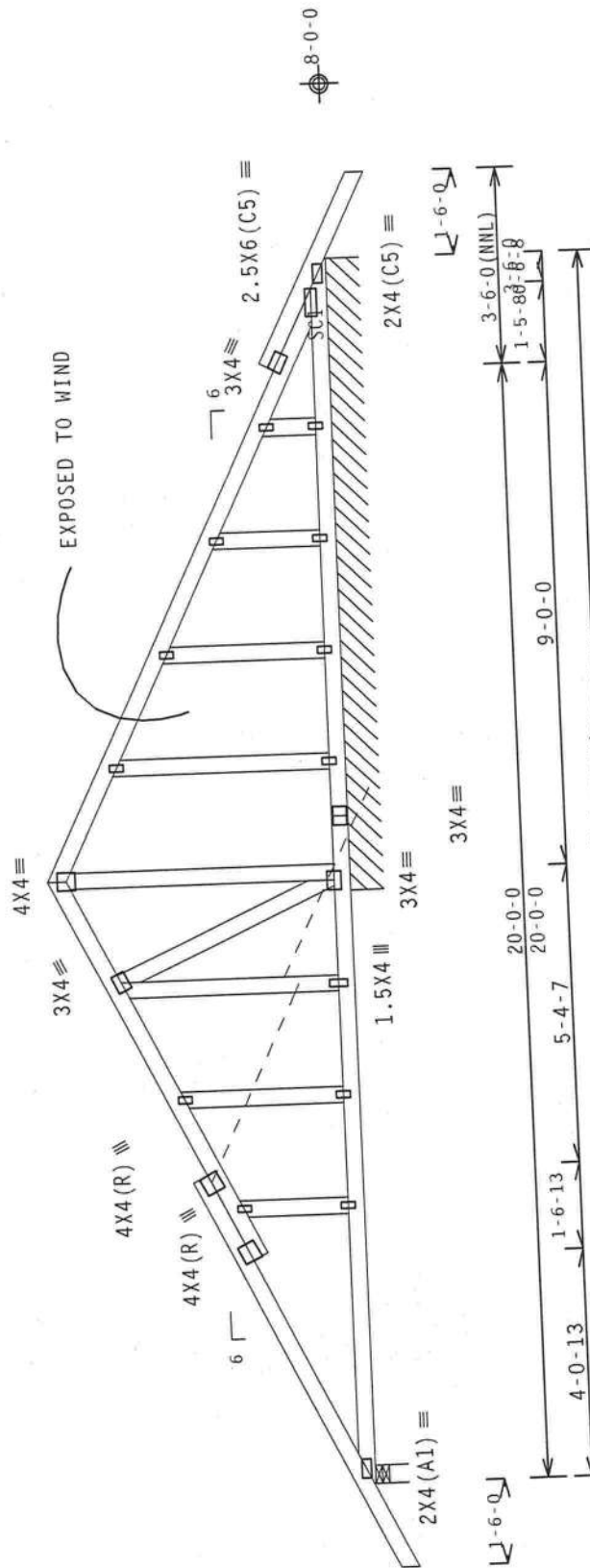
Reflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. $I_w=1.00$ GCPI (+/-)=0.18

ated reactions based on MWFRS pressures.

Wind reactions cause the 10" may make overhang.

Gable end supports 8" max rake overhang.
Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in noticable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in noticable area using 3x6.



R=721 U=76 W=4"
RI=143/-143

... plates are 1 5X3 Except As Shown.

Design Crit: FBC2007Res/TPI-2002
CT/PT-10%(0%) / 0(0%)

FL/R1=10% (0.0%)

[illegible][illegible]

Scale = .3125"/Ft.

OFF R487-- 28639

DATE 07/29/11

DATE 01/25/22
DOI NUMBER 11210055

DRW HCUSR487 11210055

HC-ENG JB/WPT

SEQN- 221819

JREF- 1UE1487_Z01

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind RC DL=5.0 psf. IW=1.00 GCpl (+/-)-0.18

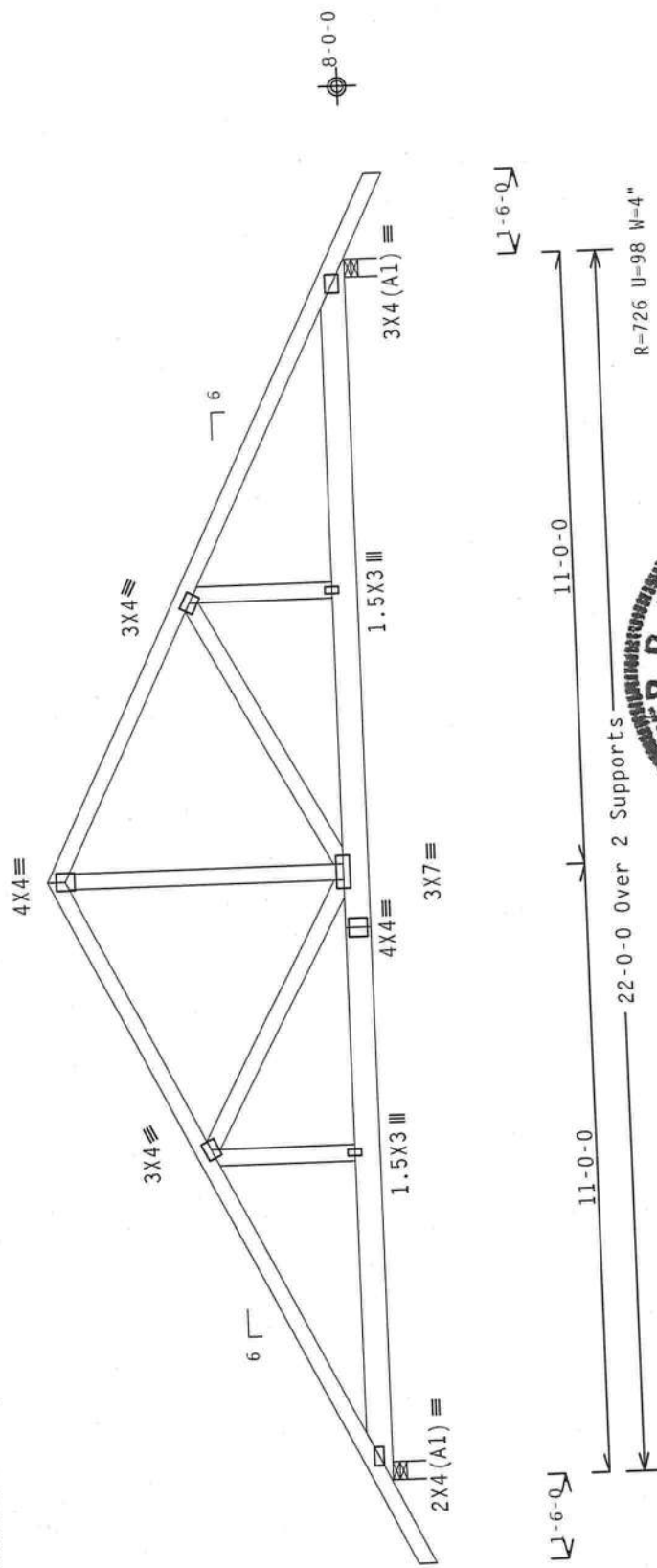
ceiling overhang supports 2.00 psf soffit load.

1000 psf non-concurrent live load.

1/240 live and 1/180 total load.

Special loads	Dur.	Fac.=1.25 /	Plate Dur.	Fac.=1.25)
(Lumber				
TC- From	31 plf at -1.50 to		31 plf at 11.00	
TC- From	31 plf at 11.00 to		31 plf at 23.50	
BC- From	4 plf at -1.50 to		4 plf at 0.00	
BC- From	10 plf at 0.00 to		10 plf at 10.00	
BC- From	10 plf at 10.00 to		10 plf at 22.00	
BC- From	4 plf at 22.00 to		4 plf at 23.50	
BC- 13.00 lb Conc. Load at 7.06				
BC- 484.00 lb Conc. Load at 15.06				
BC- 227.00 lb Conc. Load at 21.06				

wind reactions based on MWFRS pressures.



R=726 U=98 W=4"
RL=144/-144

22-0-0 Over 2 Supports

R=726 U=98 W=4"

Scale = .3125"/Ft.

REF R487-- 28640

DATE 07/29/11

ORW HCUSR487 11210033

HC - ENG JB/WPF

HC-ENG	00/WH	REF
CCON	7E2E	RF

SEQN- 67C/

100

JREF- 1UE1487_Z01

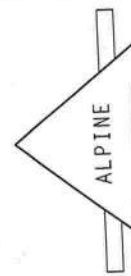
Design Crit: FBC2007Res/TPI-2007
ET/RT=10%(0%) / 0(0%)

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET
BEFORE INSTALLING. SEE ALSO THE INSTRUCTIONS ON THE BACK OF THE SHEET.

*****IMPORTANT*****
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING THE FOLLOWING:
Trusses require extreme care in fabricating, handling, shipping, installing and erecting. Trusses require the latest edition of BCSP (Building Component Safety Information, by IPI and BCS) for details and instructions. Installers shall provide temporary bracing and shoring for all trusses prior to performing these functions. Trusses shall be erected in accordance with the practices noted otherwise, top chord shall have property attached structural sheathing to the exterior. Trusses shall have property attached structural lateral bracing to the exterior. Trusses shall have a property attached rigid ceiling. Locations shown for permanent lateral bracing shall be in accordance with BCSP sections 83, 87 or B10, as applicable.

[illegible]

PLT TYP. Wave



ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

07/29/2011

(11-161--Fill in later STANLEY CRAWFORD/MAYFAIR --, ** - H9H)

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located
within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf. lw=1.00 GCpl(+/-)-0.18

Wind reactions based on MWFRS pressures.

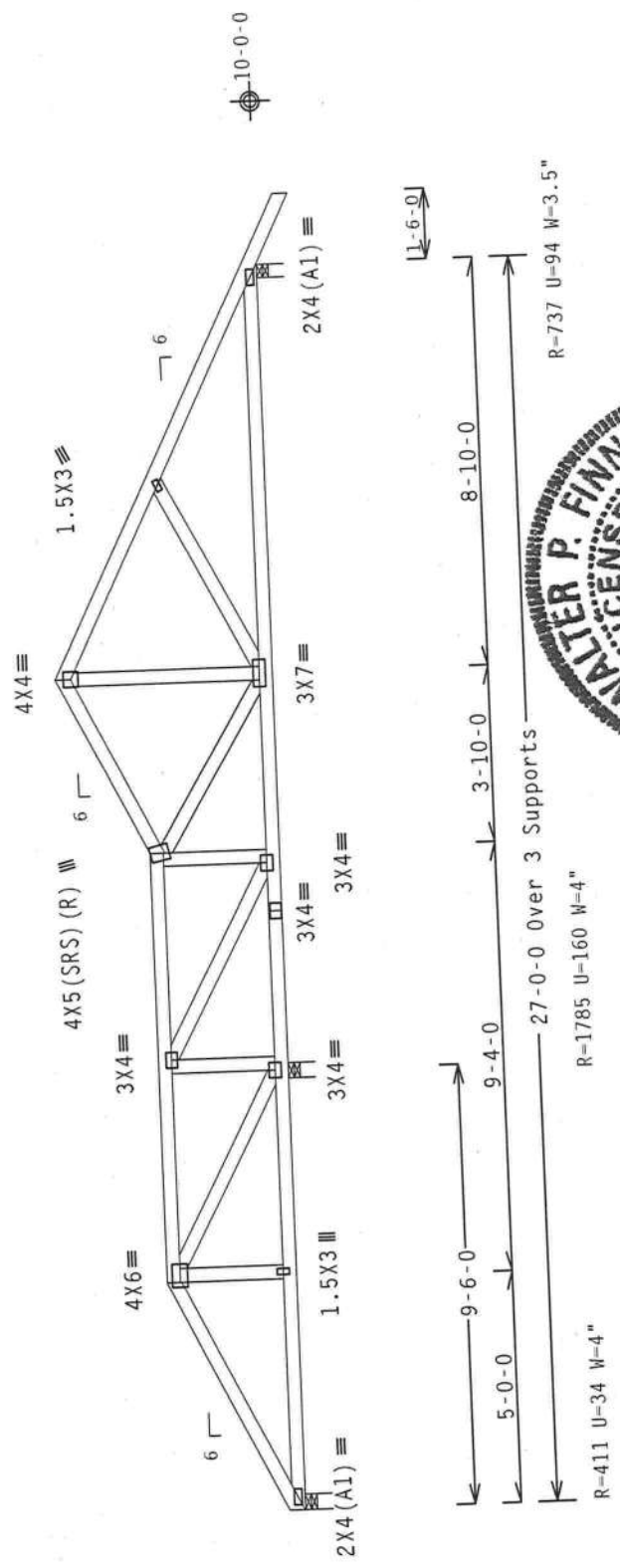
Roof overhang supports 2.00 psf soffit load.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/240 live and L/180 total load.

Special loads	
(Lumber)	
TC- From	Dur.Fac.=1.25 / Plate Dur.Fac.=1.25
TC- From	62 plf at 0.00 to 62 plf at 5.00
TC- From	31 plf at 5.00 to 31 plf at 9.06
TC- From	62 plf at 9.06 to 62 plf at 14.33
TC- From	62 plf at 14.33 to 62 plf at 18.17
TC- From	62 plf at 18.17 to 62 plf at 28.50
TC- From	20 plf at 0.00 to 20 plf at 5.03
BC- From	10 plf at 5.03 to 10 plf at 9.06
BC- From	20 plf at 9.06 to 20 plf at 27.00
BC- From	4 plf at 27.00 to 4 plf at 28.50
TC- 340.11 lb Conc. Load at	5.02
TC- 127.39 lb Conc. Load at	7.06, 9.06
BC- 171.77 lb Conc. Load at	5.03
BC- 89.47 lb Conc. Load at	7.06, 9.06



Scale = 25"/Ft.	
REF	R487-- 28641
DATE	07/29/11
DRW	HCUSR487 11210034
HC-ENG	JB/WPF
SEQN	221834
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"



Design Crit: FBC2007Res/TPI-2003 STD
FT/RT=10%(0%)/0(0%)
PLT TYP. Wave
ALPINE
Haines City, FL 33844
FL COA #0278

PLT TYP. Wave
ALPINE
Haines City, FL 33844
FL COA #0278

STANLEY CRAWFORD/MAYFAIR -- , ** - CJI)

(11) For				
Top	chord	2x4	SP #2	Dense
Bot	chord	2x4	SP #2	Dense

Roof overhang supports 2.00 psf soffit load.

Bottom chord checked for 10.00 psi non-concentric

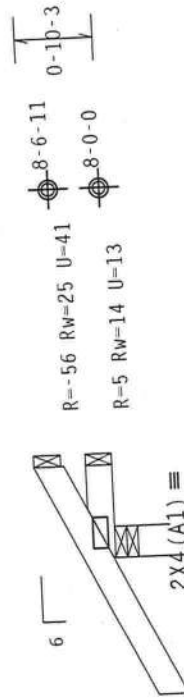
Bottom chord checked for 10.00 ft

provide (2)	16d common nails(0.162"x3.5").	toe nailed at Top chord.
provide (2)	16d common nails(0.162"x3.5").	toe nailed at Bot chord.

110 mph wind, 15.00 ft mean ht, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCp1 (+/-)=0.18

and reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.



1-6-0 over 3 Supports

R=254 U=49 W=4"
R1=28/-22

scale = .5"/Ft.

7-00000

... 1111 - 1111 - 1111 -

REF R487-- 28642

FL	-	4	/	K
FC	11	20	0	PSF

10.03.2021.17.17

Design Crit: FBC2007Res/1PI-2007Res

PIT TYP. Wave

ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

Haines City, FL 33844

FL COA #0278

DIAGNOSING** READ AND FOLLOW ALL NOTES ON THIS SHEET!
 DIAGNOSING READ AND FOLLOW ALL NOTES ON THIS SHEET!
 DIAGNOSING READ AND FOLLOW ALL NOTES ON THIS SHEET!

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING

...care in fabricating, handling, shipping, installation, by

Trusses require extreme care in the building component Safety Information, and the addition of BCST (Building Component Safety Information) shall provide temporary

follow the latest edition of the code prior to performing these functions. Installers should be aware of the attached structural shear details.

practices prior to the date of the first violation. If the violator fails to correct the violations noted otherwise, top chord shall have properly attended to the locations shown for permanent

shall have a properly attached rigid ceiling. Section 83, B7 or B10, as applicable.

shall have bracing installed per local building code.

ITW Building Components Group Inc. (IWBBCG) sells, manufactures and distributes building components with ANSI/TPI 1, or for handling

any failure to build the truss in conformance with the design or to each face of truss and position as shown.

bracing of trusses. Apply plates to each end of the brace. Refer to drawings 160A-Z for standard practice. Refer to drawings 160A-Z for standard practice of professional.

Details, unless noted otherwise.

drawing of cover page for the design shown. The suitability of the design shown. For more information, contact the publisher, 1 Sec. 2.

The responsibility of the Building Designer per ASCE's
the responsibility of the Building Designer per ASCE's

general) notes page: ITW-BCG: www.itwbcg.com.

ICC: www.iccsafe.org

100

STANLEY CRAWFORD/MAYFAIR -- , ** - CJ3)

Top	chord	2x4	SP	#2	Dense
Top	chord	2x4	SP	#2	Dense
Top	chord	2x4	SP	#2	Dense

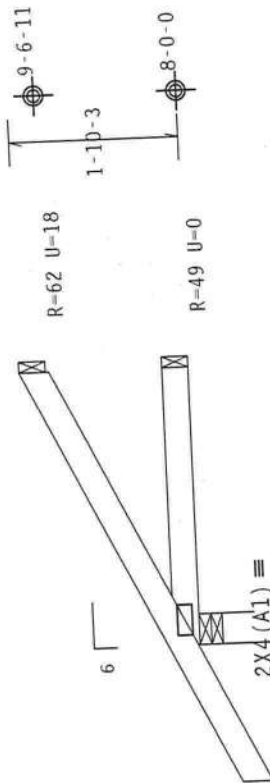
2 00 psf soffit load.

Roof overhang supports live load.

Bottom chord checked for 10.00 psi non-concours

provide (2) 16d common nails (0.162"x3.5"), toe nailed at Bot chord.

provide (2) 16d common nails(0.102 x3.3) , see



$\downarrow$ 1-6-0 $\rightarrow$ $\downarrow$ 3-0-0 Over 3 Supports $\rightarrow$

R=262 U=26 W=4"
RL=52/-27

Scale = .5"/Ft.

TC LL	20.0	PSF	REF	R487 - -	285643
TC DL	10.0	PSF	DATE	07/29/11	
BC DL	10.0	PSF	DRW	HCUSR487	11210006
BC LL	0.0	PSF	HC-ENG	JB/WPF	
TOT.LD.	40.0	PSF	SEQN-	221667	
DUR.FAC.	1.25				
SPACING	24.0"				JREF- 1UE1487_Z01

Design Crit: FBC200/Res/IPI-200/302
FT/RT=10%(0%)/0(0%)
10.03.04.0601.17
QTY: 12

NO. 42000

READ AND FOLLOW ALL NOTES ON THIS SHEET

FOR INFORMATION OF THE INSTALLERS.

...refer to and
...for safety

STATE OF

op chord shall have properly attached lateral bracing. Locations shown for permanent lateral bracing shall be in accordance with the following table:

Group Inc. (ITWCG) shall not be responsible for any deviation from the above conditions of sale, including, but not limited to, for handling, shipping, packing, or any other reason. ITWCG shall not be responsible for any deviation from the above conditions of sale, including, but not limited to, for handling, shipping, packing, or any other reason.

truss in conformance with drawings 160A-1 and 160A-2. Refer to drawings 160A-2 for standard plate positions.

[illegible]

Building Designer per ANSI/ISO 9001
e Building Designer per ANSI/ISO 9001; WICA: www.sbcindustry.com;
TPI: www.tpinet.org; TBCG: www.tbcbg.com

STANLEY CRAWFORD/MAYFAIR -- , ** - CJS)

Top	chord	2x4	SP	#2	Dense
Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense

2.00 psf soffit load.

Root overlying supports live load.

Bottom chord checked for 10.00 psi non-compression.

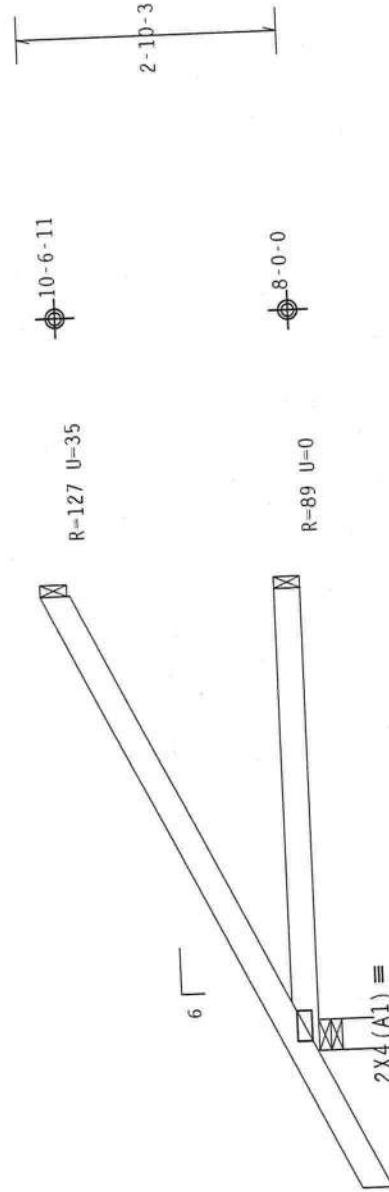
provide (2) 16d common nails(0.162"x3.5") , toe nailed at Bot chord.

provide (2) 16d common nails (0.102 x 3.5)

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind $U_{ref} = 100$ 6Cof (+) = 0.18

used reactions based on MWFRS pressures.

Wind reactions = 1/1240 live and 1/180 total load.



$\downarrow$ 1-6-0 $\rightarrow$ $\leftarrow$ 5-0-0 Over 3 Supports $\rightarrow$

R=331 U=24 W=4"
RL=75/-32

Scale = .5" / Ft.

Scale = .3 / ft.
REF R487-- 28644

DATE 07/29/11

DRW HCUSR487 11210036

HC-ENG JB/WPF

110 LING 33/34

SEON- 221670

SEUN-0601777

701

JREF- 1UE148/_Z01

STANLEY CRAWFORD/MAYFAIR -- , ** - EJ7)

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAI II, EXP B, wind TC DL=5.0 psf, wind $I_w=1.00$ GCF (+/-)=0.18

Bot chord 2x4 of #2 dense
supports 2 00 nsf soffit load.

Roof overhang supports 2.00 psf.

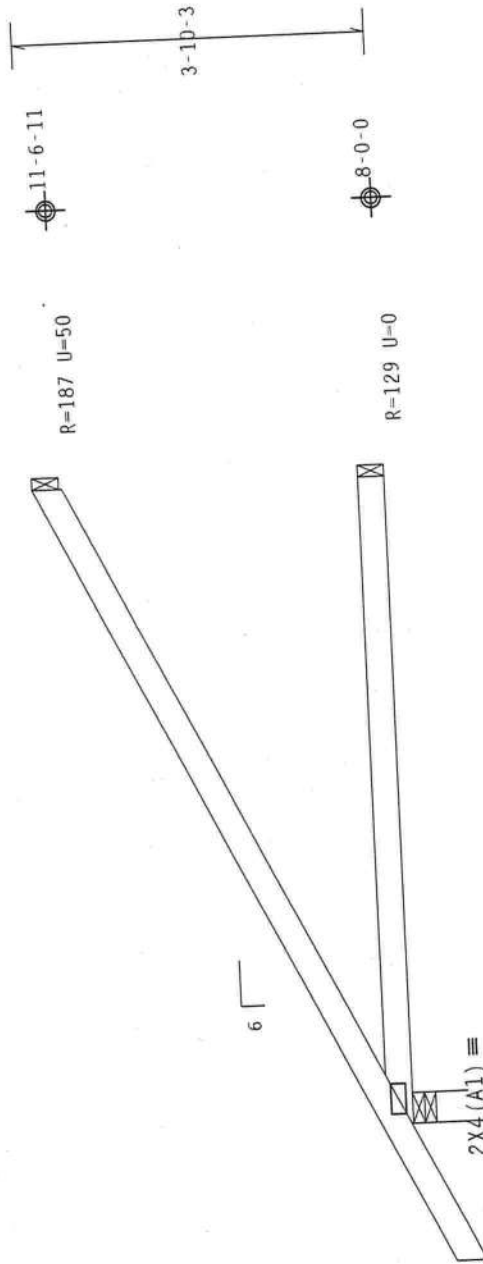
Bottom chord checked for 10.00 psi non concentric

MWFRS loads based on trusses located at least 7.50 ft. from edge of roof.

... sections based on MWFRS pressures.

Wind reactions

provide { 2 } 16d common nails(0.162"x3.5"), toe nailed at Top chord.
provide { 2 } 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



1-6-0-1

R=408 U=25 W=4"
RI=98/-37

Design Crit: FBC2007Res/TPI-2002 STD) FT/RT=10%(0%) / 0(0%)

$$\text{scale} = .5" / \text{Ft.}$$

Scale = .5" / Ft.
PCC R487-- 28645

REF	K40
DATE	07/29/11

DATE _____
DRAW HCUSR487 11210037

HC-ENG JB/WPF

SEQN-	221673
-------	--------

100

JREF- 1UE1487_Z01

PIT TYP. Wave

ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

(11-161--Fill in later STANLEY CRAWFORD/MAYFAIR -- * - HJ7)

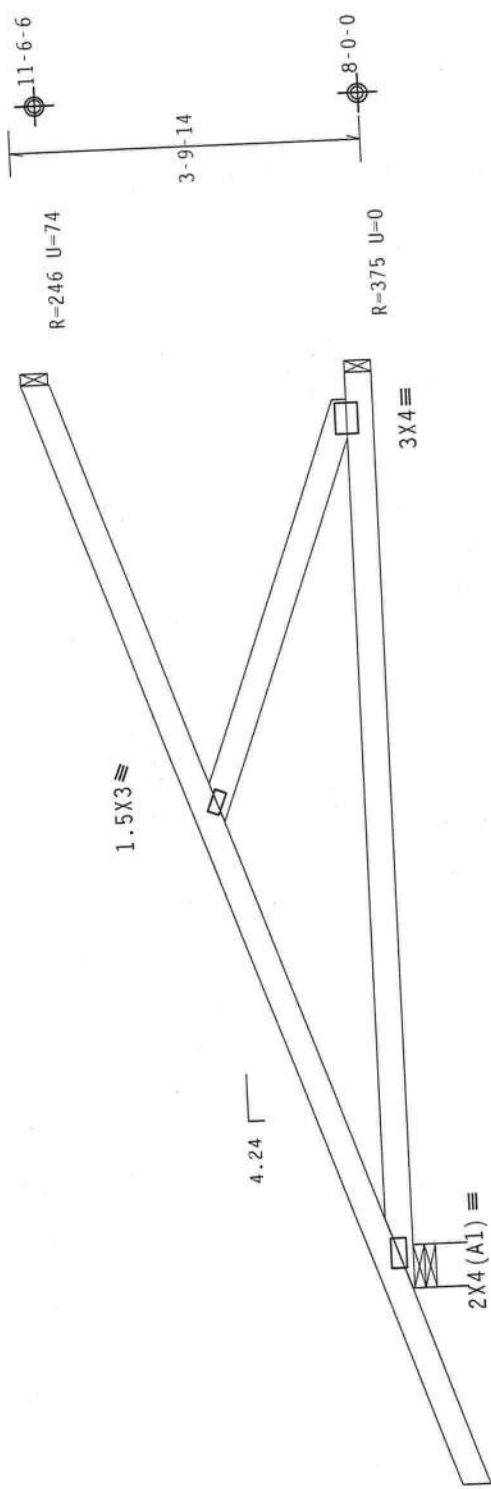
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Hipjack supports 7'-0" setback jacks with no webs.
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCp1 (+/-)=0.18

Wind reactions based on MWFRS pressures.

Provide { 2 } 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide { 3 } 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



2-1-7 9-10-13 Over 3 Supports

R=461 U=55 W=5.657"

Scale = 5" / Ft.	REF R487 - 28646
DATE 07/29/11	DRW HCUSR487 11210038
HC-ENG JB/WPF	SEON- 221684
TOT.LD. 40.0 PSF	DUR.FAC. 1.25
SPACING 24.0"	JREF- 1UE1487_Z01

FL / - / 4 / - / - / R / -	TY: 5	TC LL 20.0 PSF
TC DL 10.0 PSF	BC DL 10.0 PSF	BC LL 0.0 PSF
TOT.LD. 40.0 PSF	DUR.FAC. 1.25	SPACING 24.0"

Design Crit: FBC2007Res/TPI-2002 STD)
FT/RT=10% (0%) / 0 (0%)

PLT TYP. Wave

ALPINE
Haines City, FL 33844
FL COA #0278



READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
INSTALLERS require extreme care in fabricating, handling, shipping, installing and bracing of this truss. Apply plates to each face of truss as shown above and on details or cover page listing this drawing. The suitability and use of this designation see: the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: general notes page: ILM-BG01: www.tlmbcg.com; IPI: www.tpinat.org; WICA: www.iccsafe.org

(11-161--Fill in later STANLEY CRAWFORD/MAYFAIR --, ** - EJ5)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Roof overhang supports 2.00 psf soffit load.

Bottom chord checked for 10.00 psf non-concurrent live load.

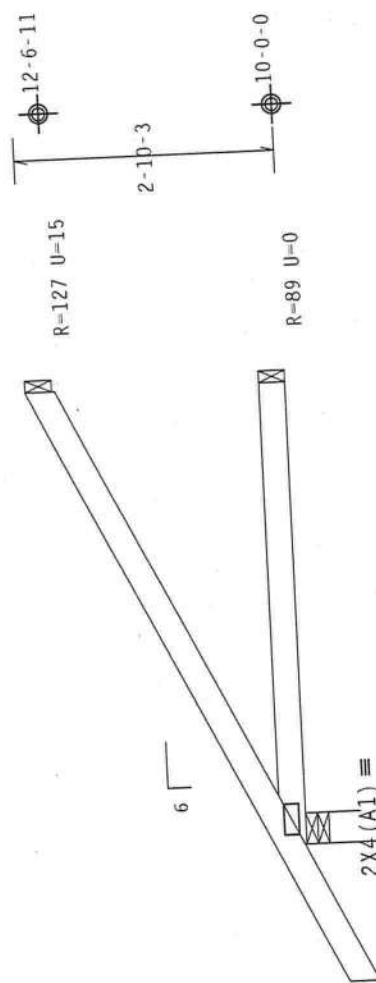
MMFRS loads based on trusses located at least 15.00 ft. from roof edge.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCPI(+/-)-0.18

Wind reactions based on MMFRS pressures.

Deflection meets L/240 live and L/180 total load.

Provide { 2 } 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide { 2 } 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



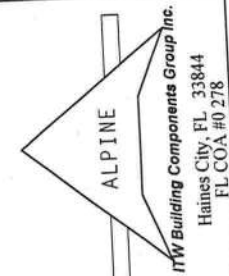
← 1-6-0 →
← 5-0-0 Over 3 Supports →
R=331 U=2 W=4"
RL=50/-32

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0%)



TY: 3	FL/-/4/-/-/R/-	Scale = 5"/Ft.
TC LL	20.0 PSF	REF R487-- 28647
TC DL	10.0 PSF	DATE 07/29/11
BC DL	10.0 PSF	DRW HCUSR487 11210039
BC LL	0.0 PSF	HC-ENG JB/WPF
TOT.LD.	40.0 PSF	SEQN- 221826
DUR.FAC.	1.25	JREF- 1UE1487_Z01
SPACING	24.0"	

PLT TYP. Wave



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Components Safety Institute) information, by IPI and IPI for safety and installation details. Truss installers shall provide temporary bracing and shoring as required. Truss installers shall have a properly attached rigid bracing system. Locations shown for permanent lateral resistance shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.
rTW Building Components Group Inc. (rTWBCG) shall not be responsible for any deviation from the design shown, in the event of any failure to build the truss in accordance with ANSI/IPI 1, or for handling, hoisting and on the job bracing of trusses. Apply all notes to each face of truss and position as shown on the drawing. Details, unless noted otherwise, shall be in accordance with the latest edition of BCSI (Building Components Safety Institute) information, by IPI and IPI for safety and installation details. Truss installers shall provide temporary bracing and shoring as required. Truss installers shall have a properly attached rigid bracing system. Locations shown for permanent lateral resistance shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.
ICC: www.iccsafe.org

(11-161--Fill in later STANLEY CRAWFORD/MAYFAIR --, ** - HJ5)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. IW=1.00 GCPI (+/-)-0.18

Wind reactions based on MMFRS pressures.

Roof overhang supports 2.00 psf soffit load.

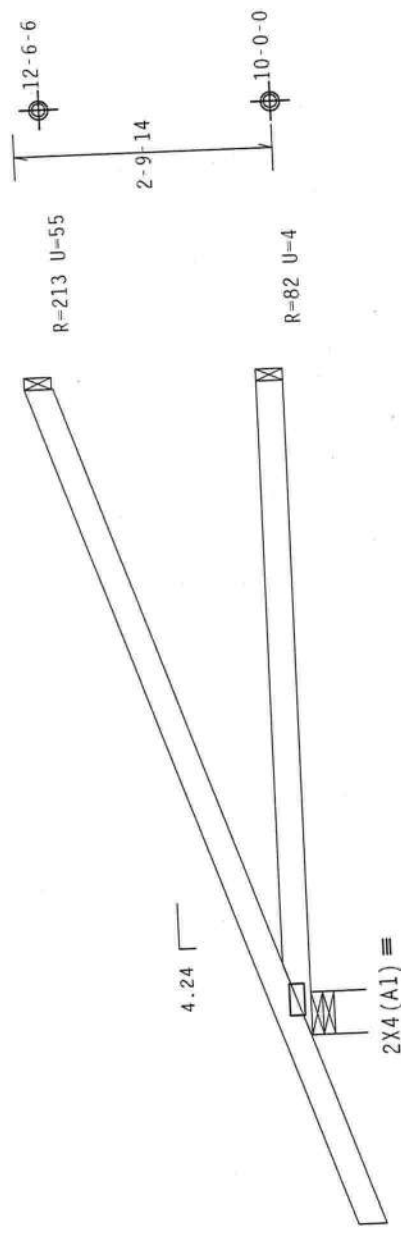
Hipjack supports 5-0-0 setback jacks with no webs.

provide { 2 } 16d common nails(0.162"x3.5"), toe nailed at Top chord.
provide { 2 } 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

Special loads

----- (Lumber	Dur.Fac.	-1.25	/	Plate	Dur.Fac.	-1.25
TC- From	0 plf at	-2.06	to	61 plf at	0.00	
BC- From	2 plf at	0.00	to	2 plf at	7.07	
TC- From	0 plf at	-2.06	to	4 plf at	0.00	
BC- From	2 plf at	0.00	to	2 plf at	7.07	
TC- -42.46 lb Conc. Load at	1.48					
TC- 123.97 lb Conc. Load at	4.31					
BC- 9.78 lb Conc. Load at	1.48					
BC- 98.56 lb Conc. Load at	4.31					

Deflection meets L/240 live and L/180 total load.



2-0-11
7-0-14 Over 3 Supports
7-0-14

R=301 U=108 W=5.657"

Professional Engineer Seal for Walter P. Finn, State of Florida, License No. 02030.17, dated 07/29/2011.

Scale = 1/4" = 1'-0"

REF	R487	- -	28648
DATE	07/29/11		
DRW	HCUSR487	11210040	
HC-ENG	JB/WPF		
SEQN	221829		
DUR.FAC.	1.25		
SPACING	24.0"		
JREF	1UE1487_Z01		

Design Crit: FBC2007Res/TPI-2002 STD
FT/RT=10%(0%)/0(0%)

TY:1	FL/-	4/-	1/-	R/-	
TC LL	20.0	PSF			
TC DL	10.0	PSF			
BC DL	10.0	PSF			
BC LL	0.0	PSF			
TOT.LD.	40.0	PSF			
DUR.FAC.	1.25				
SPACING	24.0"				

PLT TYP. Wave

ALPINE logo and contact information for ITW Building Components Group Inc., Haines City, FL 33844, FL COA #0278.

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of the ITW Building Components Safety Information, Temporary and Permanent Bracing per BCS-1, unless noted otherwise. Top chord shall have properly attached temporary bracing for lateral stability. Locations shall have bracing installed per BCS1 sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design shown on this drawing for handling, shipping, the use of materials, or the position of the truss above and on the roof. Apply plates to each face of the top chord and position as shown above and on the roof. Refer to the latest edition of the ITW Building Components Safety Information, Temporary and Permanent Bracing per BCS-1, unless noted otherwise. Refer to the latest edition of the ITW Building Components Safety Information, Temporary and Permanent Bracing per BCS-1, unless noted otherwise. The suitability and use of this design for any structure is the responsibility of the building designer. The responsibility of the building designer is to provide the building designer with the necessary information for the design of the truss. This job's general notes per BCS-1, unless noted otherwise. ITW-BCG: www.itwbcg.com; TPI: www.tpinat.org; HCA: www.hcaindustry.com; ICC: www.iccsafe.org

(11-161--Fill in later STANLEY CRAWFORD/MAYFAIR --, ** - MG)

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3 :W4 2x4 SP #2 Dense:

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located
within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf. LW=1.00 GCpl(+/-)-0.18

Wind reactions based on MMFRS pressures.

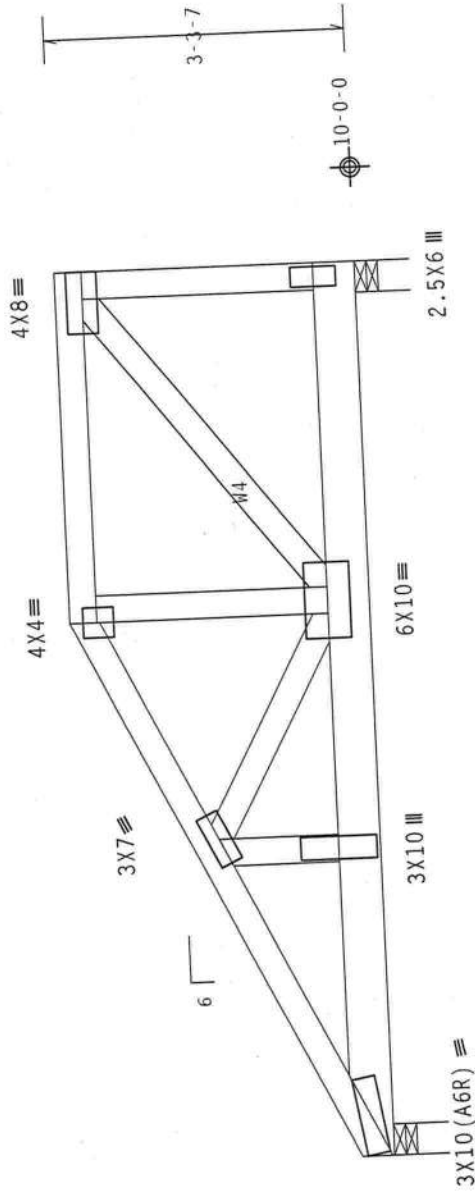
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Bottom chord checked for 10.00 psf non-concurrent live load.

Special loads
----- (Lumber Dur.Fac.=1.25 / plate Dur.Fac.=1.25)
TC- From 62 plf at 0.00 to 62 plf at 3.40
TC- From 31 plf at 3.40 to 31 plf at 5.88
TC- From 62 plf at 5.88 to 62 plf at 9.67
BC- From 10 plf at 0.00 to 10 plf at 7.40
BC- From 20 plf at 7.40 to 20 plf at 9.67
BC- 1231.52 lb Conc. Load at 1.40
BC- 1226.37 lb Conc. Load at 3.40, 5.40, 7.40

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load.



5-10-8
9-8-0 Over 2 Supports
3-9-8
10-0-0
3-3-7
R=3037 U=0 W=4

REF	R487--	28649
DATE	07/29/11	
DRW	HCUSR487	11210041
HC-ENG	JB/WPF	
SEQN-	221892	
TOT.LD.	40.0	PSF
DUR.FAC.	1.25	
SPACING	24.0"	

Design Crit: FBC2007Res/TPI-2003 STD
FT/RT=10%(0%)/0(0%)
Scale = 5"/Ft.



PLT TYP. Wave
ALPINE
r/w Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

11M Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

(11-161--Fill in later STANLEY CRAWFORD/MAYFAIR -- ** - H7K)

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

Roof overhang supports 2.00 psf soffit load.

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

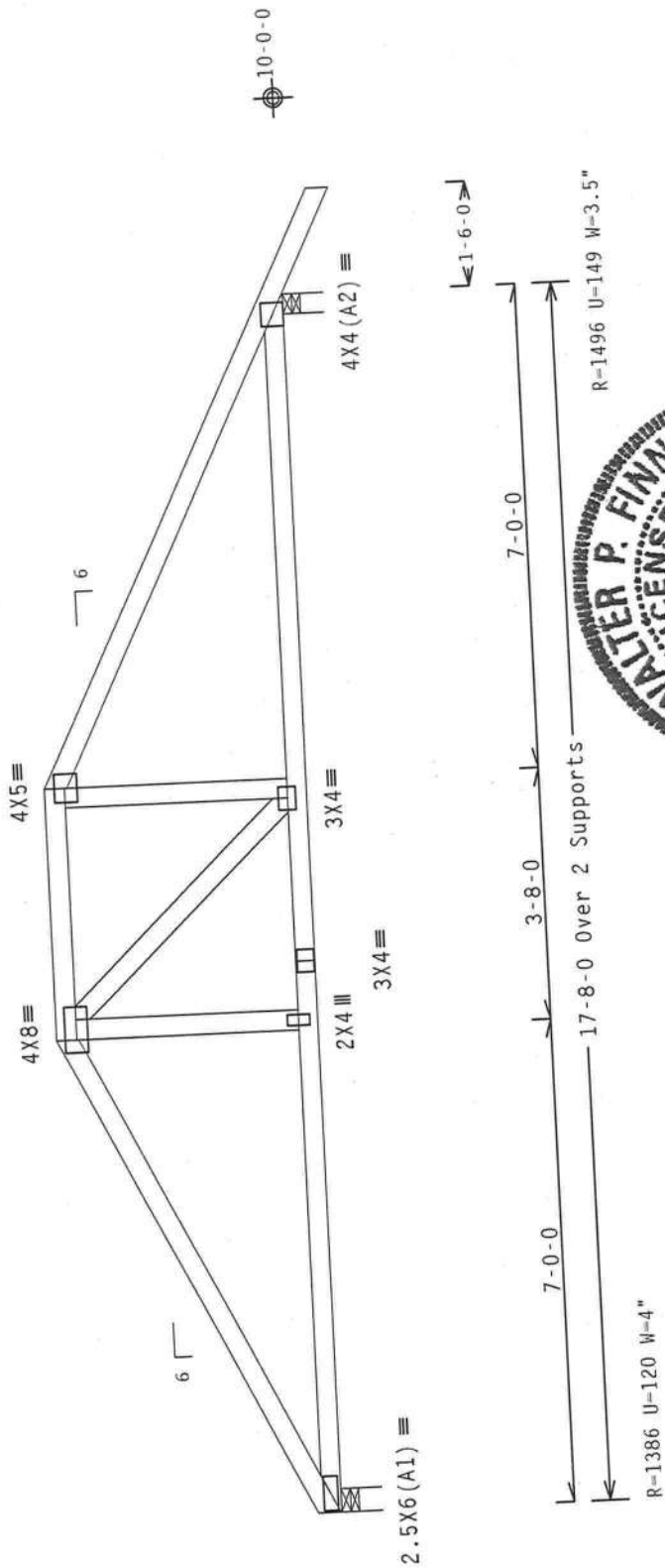
Left side jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang.
End jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang.
Right side jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang.

110 mph wind. 15.00 ft mean ht, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1w=1.00 GCp1(+/-)=0.18

Wind reactions based on MWFRS pressures.

#1 hip supports 7-0-0 jacks with no webs.

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave		Scale = .375"/Ft.	
Design Crit: FBC2007Res/TPI-2002 STD		REF	R487-- 28650
FT/RT=10%(0%)/0(0%)		DATE	07/29/11
QTY: 1		DRW	HCUSR487 11210042
FL/-/4/-/-/R/-		HC-ENG	JB/WPF
TC LL		SEQN	221689
TC DL		TOT.LD.	40.0 PSF
BC DL		DUR.FAC.	1.25
BC LL		SPACING	24.0"
JREF		1UE1487_Z01	

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

WALTER P. FINN

FLORIDA

PROFESSIONAL ENGINEER

1003-04-0601.17

NO. 22839

07/29/2011

CLB WEB BRACE SUBSTITUTION

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON A TRUSS DESIGN BUT AN ALTERNATIVE WEB BRACING METHOD IS DESIRED.

NOTES:

THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
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-BRACE, L-BRACE AND SCAB BRACE 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.

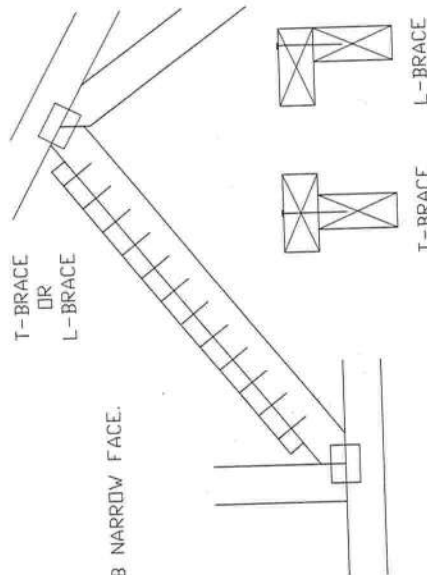
T-BRACING

OR

L-BRACING:

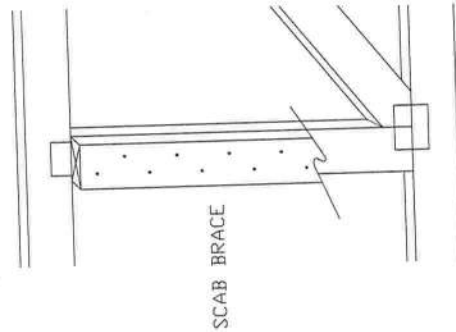
APPLY TO EITHER SIDE OF WEB NARROW FACE. ATTACH WITH 10d BOX OR GUN (0.128"x 3" MIN) NAILS. AT 6" O.C.

BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB. NO MORE THAN (1) SCAB PER FACE. ATTACH WITH 10d BOX OR GUN (0.128"x 3" MIN) NAILS. AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	1/1/09
BC DL	PSF	DRWG	BRCLBSUB0109
BC LL	PSF		
TOT. L.D.	PSF		
DUR. FAC.			
SPACING			

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET! Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow BCSI (Building Component Safety) and ITW Building Components (ITWBCG) for safety practices prior to performing these functions. Insure that all trusses are properly braced and sealed. Locations shown for permanent lateral bracing are informational only. See this job's general notes page for properly installed and rigid ceiling. Apply plates to each face of truss, positioned as indicated on drawings. See this job's general notes page for details.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW Building Components (ITWBCG) shall not be responsible for any deviations from the design, any failure to build the truss in conformance with TPI, or fabrication of trusses. ITWBCG connector plates are made of 1018/1018A (U.H.F.) steel, 3/16" thick, and are galvanized. Apply plates to each face of truss, positioned as indicated on drawings. See this job's general notes page for details.

A seal on this drawing or cover page indicates acceptance and professional engineering responsibility for the truss design shown. The suitability and use of this component for building is the responsibility of the Building Designer per ANSI/TPI 1 Steel Decking and ITW-BCG. www.itwbcg.com, TPI www.tpinet.com, VITCA www.vitcaindustry.com, ICC www.iccsafe.org



GABRIEL STUD REINFORCEMENT DETAIL

ASCE 7-05:

110 MPH WIND

SPEED, IS MEAN

2X4 "L" BRACE	(1) 2
---------------	-------

6 'L' BRACE *	(2) 2X6 'L' B
---------------	---------------

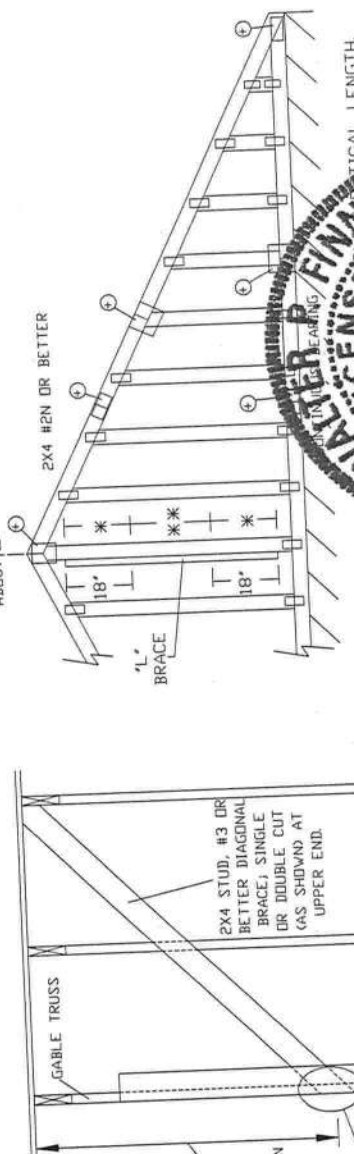
PLACE

[illegible]

DIAGONAL BRACE OPTION:
VERTICAL LENGTH MAY BE
DOUBLED WHEN DIAGONAL
BRACE IS USED. CONNECT
DIAGONAL BRACE FOR 600#
AT EACH END. MAX WEB
TOTAL LENGTH IS 14'.

VERTICAL LENGTH SHOWN
IN TABLE ABOVE.

CONNECT DIAGONAL AT
INTERPOINT OF VERTICAL WEB.



WORLD MEDICAL LENGTH

GABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPICE
LESS THAN 4' 0"	1X4 DR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2 5/4
GREATER THAN 11' 6"	3X4

* REFER TO COMMON TRUSS DESIGN FOR
PEAK, SPICE, AND HEEL PLATES.

* REFER TO COMMON TRUSS DESIGN FOR JOINTS, BRACING AND HEE PLATES.

CAPITAL TRUSS DETAIL NOTES:

CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER

TABLE F END SUPPORTS LOAD FROM 4' 0"

OUTLOOKERS WITH 2' 0" OVERHANG, OR 12'

BRACE WITH 10d NAILS.

ATTACH EACH L BRACE
(0.128"x3" min
SPACE NAILS AT 2" O.C.

IN 18' END ZONES AND 4" D.C. BETWEEN ZONES.
SPACE NAILS AT 3' D.C.

IN 18" END ZONES AND 6" D.C. BETWEEN ZONES.

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH

REF ASCF7-05-GAB1015

DATE 1/1/09

DRWG A11015050109

MAX. TDT. LD. 60 PSF

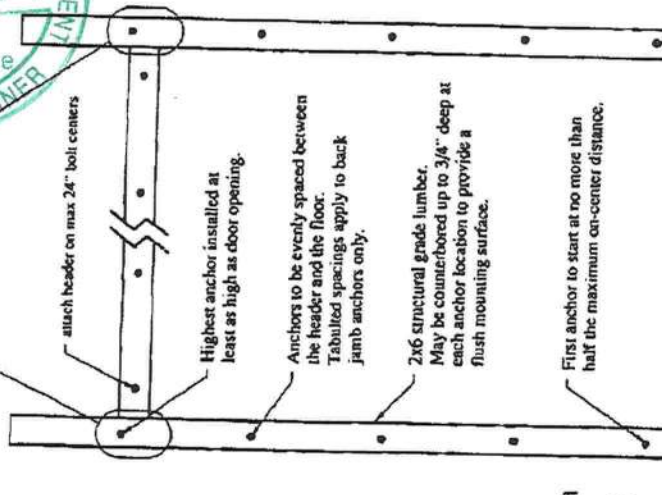
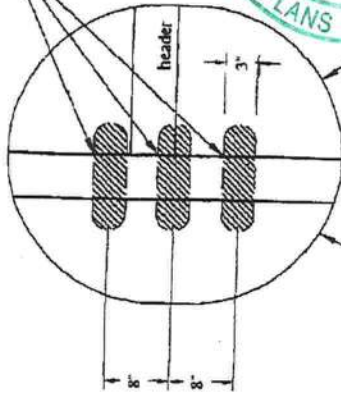
MAX. SPACING	24.0"
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07/29/2011

Earth City, MO 63045

Set 29 May 2011

keep each area clear
of any back jamb
attachment fasteners



2000 psi minimum poured concrete wall.
Southern Yellow Pine specific gravity = 0.55; allowable load per anchor = 336 lbs.
Spruce Pine Fir specific gravity = 0.42; allowable load per anchor = 274 lbs.
Anchor: 3/8" dia x 3" long Simpson Strong-Tie Sleeve-All.
Washer: 7/8" O.D. / 7/16" I.D. min; must conform to ANSI B18.22.1 type A.
3" minimum anchor edge distance required.
1-1/2" minimum embedment required.
Maximum spacing shown in chart. Lesser spacing may be used to avoid interference with door component system.
Spring pad connection not included.
Maximum load per jamb = 0.5 x door width x max positive pressure x door height

Door Width	Zone / Max Positive Pressure	Maximum Fastener On-Center Spacing	
		Southern Yellow Pine*	Spruce Pine Fir*
9	Zone 1 / 12.8	24	24
	Zone 2 / 15.9	24	24
	Zone 3 / 19.5	24	24
	Zone 4 / 23.2	24	24
	Zone 5 / 27.3	24	24
	Zone 6 / 31.4	24	24
	Zone 7 / 36.0	24	21
	Zone 8 / 38.7	24	19
	Zone 9 / 44.3	21	17
	Zone 10 / 50.7	18	15
10	Zone 1 / 12.8	24	24
	Zone 2 / 15.9	24	24
	Zone 3 / 19.5	24	24
	Zone 4 / 23.2	24	24
	Zone 5 / 27.3	24	24
	Zone 6 / 31.4	24	21
	Zone 7 / 36.0	23	19
	Zone 8 / 38.7	21	17
	Zone 9 / 44.3	19	15
	Zone 10 / 50.7	16	13
16	Zone 1 / 12.4	24	24
	Zone 2 / 15.3	24	24
	Zone 3 / 18.7	24	22
	Zone 4 / 22.2	23	19
	Zone 5 / 26.2	20	16
	Zone 6 / 30.1	17	14
	Zone 7 / 34.5	15	12
	Zone 8 / 39.5	13	11
	Zone 9 / 42.1	12	10
	Zone 10 / 48.2	11	9
18	Zone 1 / 12.4	24	24
	Zone 2 / 15.3	24	24
	Zone 3 / 18.7	24	20
	Zone 4 / 22.2	21	17
	Zone 5 / 26.2	18	14
	Zone 6 / 30.1	15	13
	Zone 7 / 34.5	13	11
	Zone 8 / 39.5	12	10
	Zone 9 / 42.1	11	9
	Zone 10 / 48.2	10	8

Alternative design may be approved by a registered professional engineer.
Supporting structural elements shall be designed by a registered professional engineer for wind loads in addition to other loads.
Calculation reference: DASMA TDS #161B, 2005 AF&PA NDS for Wood Construction and Simpson Strong-Tie data.

* 2000 psi minimum poured concrete wall.
Wood back jamb material is the limiting factor in faster specification.

John E. Scates, P.E.
1411 LeMay Street #205
Carrollton, Texas 75007
Florida P.E. # 54737

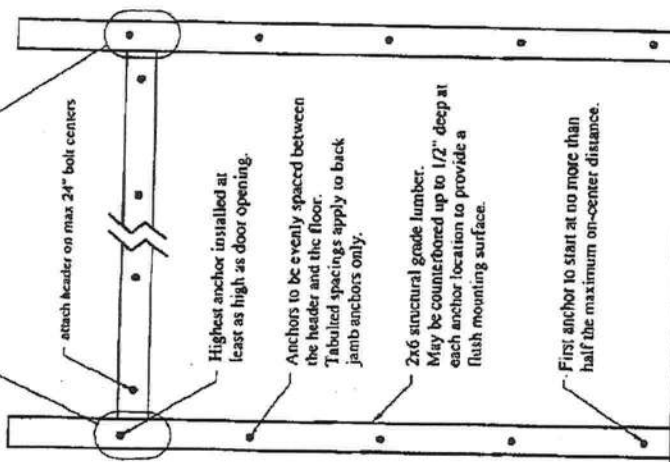
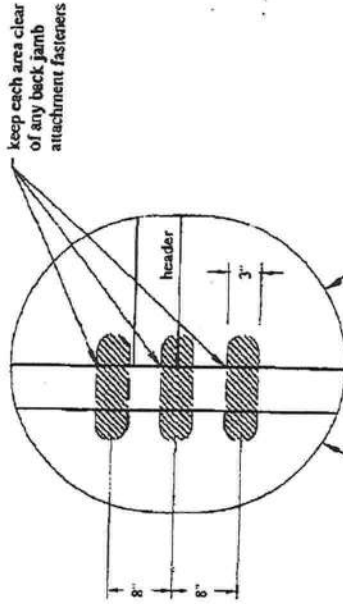
Professional Engineer's seal provided
only for verification of windload
construction details

SCALE	DATE	DATE
1" = 1'-0"	02-12-2008	02-12-2008
Back Jamb Attachment Detail		
Concrete Sleeve Anchor		
C.H.I. Drawing: BJA-001-03		

2000 psi minimum poured concrete wall; allowable load per anchor = 280 lbs.
 Grout-filled (min 2000 psi concrete) C90 block; allowable load per anchor = 154 lbs.
 Southern Yellow Pine specific gravity = 0.55
 Spruce Pine Fir specific gravity = 0.42
 Washer: 1" O.D. / 5/32" I.D. min; must conform to ANSI B18.22.1 type B.
 Anchor: 1/4" dia x 3" long ITW Ramset / Redhead Tapcon.
 2-1/2" minimum lag screw edge distance required.
 1-1/2" minimum embedment required.
 Maximum spacing shown in chart. Lesser spacing may be used to avoid interference with door component system.
 Spring pad connection not included.
 Maximum load per jamb = 0.5 x door width x max positive pressure x door height

Door Width	Zone / Max Positive Pressure	Maximum Fastener On-Center Spacing C-90 Block * 2000 PSI Concrete *
9	Zone 1 / 12.8	24
	Zone 2 / 15.9	24
	Zone 3 / 19.5	22
	Zone 4 / 23.2	18
	Zone 5 / 27.3	16
	Zone 6 / 31.4	14
	Zone 7 / 36.0	12
	Zone 8 / 38.7	11
	Zone 9 / 44.3	10
	Zone 10 / 50.7	9
10	Zone 1 / 12.8	24
	Zone 2 / 15.9	24
	Zone 3 / 19.5	19
	Zone 4 / 23.2	16
	Zone 5 / 27.3	14
	Zone 6 / 31.4	12
	Zone 7 / 36.0	11
	Zone 8 / 38.7	10
	Zone 9 / 44.3	9
	Zone 10 / 50.7	8

Door Width	Zone / Max Positive Pressure	Maximum Fastener On-Center Spacing C-90 Block * 2000 PSI Concrete *
16	Zone 1 / 12.4	19
	Zone 2 / 15.3	16
	Zone 3 / 18.7	13
	Zone 4 / 22.2	11
	Zone 5 / 26.2	9
	Zone 6 / 30.1	8
	Zone 7 / 34.5	7
	Zone 8 / 39.5	6
	Zone 9 / 42.1	6
	Zone 10 / 48.2	5
18	Zone 1 / 12.4	17
	Zone 2 / 15.3	14
	Zone 3 / 18.7	11
	Zone 4 / 22.2	10
	Zone 5 / 26.2	8
	Zone 6 / 30.1	7
	Zone 7 / 34.5	6
	Zone 8 / 39.5	6
	Zone 9 / 42.1	5
	Zone 10 / 48.2	5



Alternative design may be approved by a registered professional engineer.
 Supporting structural elements shall be designed by a registered professional engineer for wind loads in addition to other loads.
 Calculation reference: DASMA TDS #161A, 2005 AF&PA NDS for Wood Construction and ITW Ramset / Redhead data.

* 2000 psi minimum poured concrete wall.
 Wood back jamb material is the limiting factor in faster spacing.

SCALE	none
DATE	02-12-2008
Back Jamb Attachment Detail	
Self-Tapping Concrete Anchor	
C.H.I. Drawing: BJA-002-03	

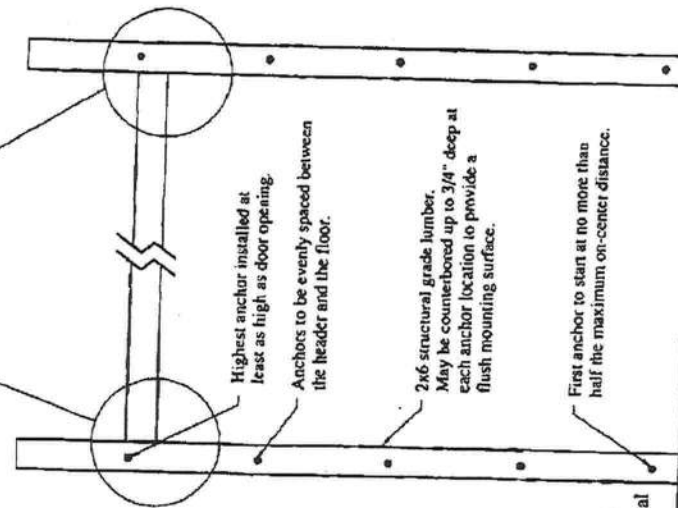
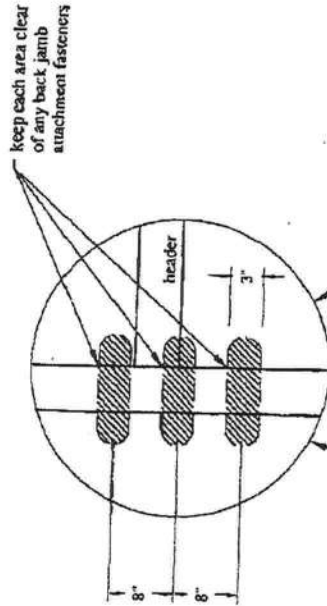
Professional Engineer's seal provided
 only for verification of windload
 construction details

John E. Scales P.E. 6/13/08
 1411 LeMay Street #205
 Carrollton, Texas 75007
 Florida P.E. # 51737

2000 psi minimum poured concrete wall.
 Southern Yellow Pine specific gravity = 0.55; allowable load per anchor = 364 lbs.
 Spruce Pine Fir specific gravity = 0.42; allowable load per anchor = 274 lbs.
 Anchor: 3/8" dia x 3-1/2" long Simpson Strong-Tie Wedge-All.
 Washer: 7/8" O.D. / 7/16" I.D. min; must conform to ANSI B18.22.1 type A.
 3" minimum anchor edge distance required.
 1-3/4" minimum embedment required.
 Maximum spacing shown in chart. Lesser spacing may be used to avoid interference with door component system.
 Spring pad connection not included.
 Maximum load per jamb = 0.5 x door width x max positive pressure x door height

Door Width	Zone / Max Positive Pressure	Maximum Fastener On-Center Spacing	
		Southern Yellow Pine*	Spruce Pine Fir*
9	Zone 1 / 12.8	24	24
	Zone 2 / 15.9	24	24
	Zone 3 / 19.5	24	24
	Zone 4 / 23.2	24	24
	Zone 5 / 27.3	24	24
	Zone 6 / 31.4	24	24
	Zone 7 / 36.0	24	21
	Zone 8 / 38.7	24	19
	Zone 9 / 44.3	22	17
	Zone 10 / 50.7	20	15
10	Zone 1 / 12.8	24	24
	Zone 2 / 15.9	24	24
	Zone 3 / 19.5	24	24
	Zone 4 / 23.2	24	24
	Zone 5 / 27.3	24	24
	Zone 6 / 31.4	24	21
	Zone 7 / 36.0	24	19
	Zone 8 / 38.7	23	17
	Zone 9 / 44.3	20	15
	Zone 10 / 50.7	18	13

Door Width	Zone / Max Positive Pressure	Maximum Fastener On-Center Spacing	
		Southern Yellow Pine*	Spruce Pine Fir*
16	Zone 1 / 12.4	24	24
	Zone 2 / 15.3	24	24
	Zone 3 / 18.7	24	22
	Zone 4 / 22.2	24	19
	Zone 5 / 26.2	21	16
	Zone 6 / 30.1	19	14
	Zone 7 / 34.5	16	12
	Zone 8 / 39.5	14	11
	Zone 9 / 42.1	13	10
	Zone 10 / 48.2	12	9
18	Zone 1 / 12.4	24	24
	Zone 2 / 15.3	24	24
	Zone 3 / 18.7	24	20
	Zone 4 / 22.2	22	17
	Zone 5 / 26.2	19	14
	Zone 6 / 30.1	17	13
	Zone 7 / 34.5	15	11
	Zone 8 / 39.5	13	10
	Zone 9 / 42.1	12	9
	Zone 10 / 48.2	11	8



Highest anchor installed at least as high as door opening.

Anchors to be evenly spaced between the header and the floor.

2x6 structural grade lumber. May be counterbored up to 3/4" deep at each anchor location to provide a flush mounting surface.

First anchor to start at no more than half the maximum on-center distance.

Alternative design may be approved by a registered professional engineer.
 Supporting structural elements shall be designed by a registered professional engineer for wind loads in addition to other loads.
 Calculation reference: DASMA TDS #161C, 2005 AF&PA NDS for Wood Construction and Simpson Strong-Tie data.

* 2000 psi minimum poured concrete wall.
 Wood back jamb material is the limiting factor in faster specification.

John E. Spafford
 1411 LeMay Street #205
 Carrollton, Texas 75007
 Florida P.E. # 51737
 6/18/08

SCALE	NONE
DATE	02-12-2008
Back Jamb Attachment Detail Concrete Expansion Anchor	
C.H.I. Drawing: BJA-003-03	

Southern Yellow Pine specific gravity = 0.55; allowable load per anchor = 577 lbs.

Spruce Pine Fir specific gravity = 0.42; allowable load per anchor = 385 lbs.

Lag screw: 3/8" dia x 3" long; must conform to ANSI/ASME B18.2.1

Washer: 1-1/8" O.D. / 3/8" I.D. min; must conform to ANSI B18.22.1 type A.

Pre-drill 1/4" dia pilot holes for lag screw insertion.

1-1/2" minimum lag screw edge distance required.

1-1/2" minimum embedment required.

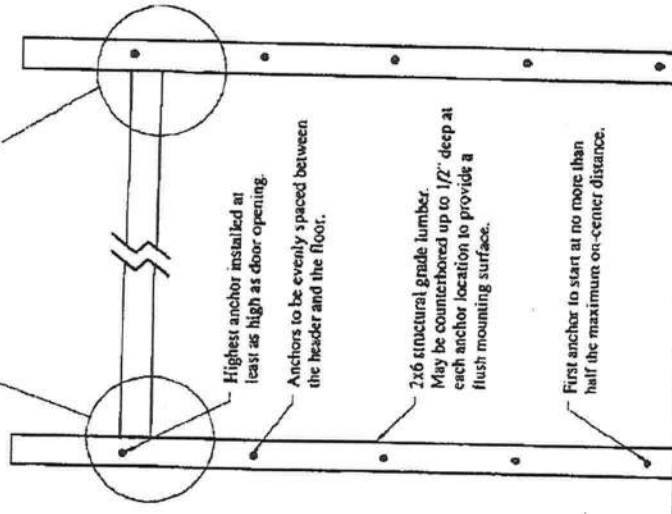
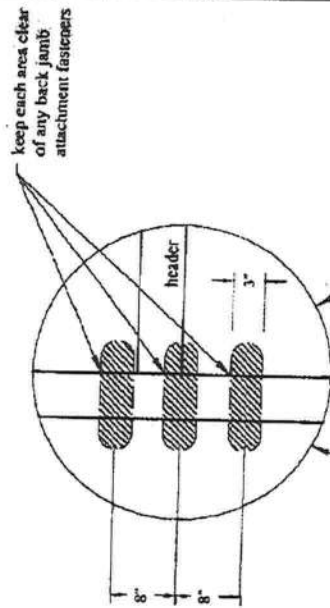
Maximum spacing shown in chart. Lesser spacing may be used to avoid interference with door component system.

Spring pad connection not included.

Maximum load per jamb = 0.5 x door width x max positive pressure x door height

Door Width	Zone / Max Positive Pressure	Maximum Fastener On-Center Spacing	
		Southern Yellow Pine	Spruce Pine Fir
9	Zone 1 / 12.8	24	24
	Zone 2 / 15.9	24	24
	Zone 3 / 19.5	24	24
	Zone 4 / 23.2	24	24
	Zone 5 / 27.3	24	24
	Zone 6 / 31.4	24	24
	Zone 7 / 36.0	24	24
	Zone 8 / 38.7	24	24
	Zone 9 / 44.3	24	24
	Zone 10 / 50.7	24	21
10	Zone 1 / 12.8	24	24
	Zone 2 / 15.9	24	24
	Zone 3 / 19.5	24	24
	Zone 4 / 23.2	24	24
	Zone 5 / 27.3	24	24
	Zone 6 / 31.4	24	24
	Zone 7 / 36.0	24	24
	Zone 8 / 38.7	24	24
	Zone 9 / 44.3	24	21
	Zone 10 / 50.7	24	19

Door Width	Zone / Max Positive Pressure	Maximum Fastener On-Center Spacing	
		Southern Yellow Pine	Spruce Pine Fir
16	Zone 1 / 12.4	24	24
	Zone 2 / 15.3	24	24
	Zone 3 / 18.7	24	24
	Zone 4 / 22.2	24	24
	Zone 5 / 26.2	24	23
	Zone 6 / 30.1	24	20
	Zone 7 / 34.5	24	17
	Zone 8 / 39.5	22	15
	Zone 9 / 42.1	21	14
	Zone 10 / 48.2	18	12
18	Zone 1 / 12.4	24	24
	Zone 2 / 15.3	24	24
	Zone 3 / 18.7	24	24
	Zone 4 / 22.2	24	24
	Zone 5 / 26.2	24	20
	Zone 6 / 30.1	24	18
	Zone 7 / 34.5	23	15
	Zone 8 / 39.5	20	13
	Zone 9 / 42.1	19	13
	Zone 10 / 48.2	16	11



Alternative design may be approved by a registered professional engineer. Supporting structural elements shall be designed by a registered professional engineer for wind loads in addition to other loads.

Calculation reference: DASMA TDS #161E and 2005 AF&PA NDS for Wood Construction.

SCALE	none
DATE	02-12-2008
Back Jamb Attachment Detail	
Lag Screw	
C.H.I. Drawing: BJA-004-03	

John E. Seaton
 John E. Seaton, P.E.
 1411 LeMay Street #205
 Carrollton, Texas 75007
 Florida P.E. # 51737

Professional Engineer's seal provided
 only for verification of windload
 construction details

Set 29 May 2011

FLORIDA DEPARTMENT OF
Community Affairs

- COMMUNITY PLANNING
- HOUSING & COMMUNITY DEVELOPMENT
- EMERGENCY MANAGEMENT
- OFFICE OF THE SECRETARY

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USER: Public User[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

FL #

FL5444-R2

Application Type

Revision

Code Version

2007

Application Status

Approved

Comments

Archived



Product Manufacturer

CertainTeed Corporation-Roofing

Address/Phone/Email

PO Box 1100
1400 Union Meeting Rd
Blue Bell, PA 19422
(215) 274-2350
richard.a.snyder@saint-gobain.com

Authorized Signature

Richard Snyder
richard.a.snyder@saint-gobain.com

Technical Representative

R. Allan Snyder

Address/Phone/Email

PO Box 1100
1400 Union Meeting Road
Blue Bell, PA 19422
Allan.R.Snyder@saint-gobain.com

Quality Assurance Representative

Address/Phone/Email

Category

Roofing

Subcategory

Asphalt Shingles

Compliance Method

Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer

☒ Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed the Evaluation Report

Robert Nieminen

Florida License

PE-59166

Quality Assurance Entity

Underwriters Laboratories Inc.

Quality Assurance Contract Expiration Date

06/09/2013

Validated By

John W. Knezevich, PE

Validation Checklist - Hardcopy Received

Certificate of Independence

[FL5444_R2_COI_Trinity_ERD_Certificaiton_of_Independence.pdf](#)

Referenced Standard and Year (of Standard)

Standard**Year**

ASTM D3161, Class F

2003

ASTM D3462

2004

ASTM D7158, Class H

2005

Equivalence of Product Standards
Certified By

Sections from the Code

Product Approval Method

Method 1 Option D



Date Submitted	07/27/2009
Date Validated	08/13/2009
Date Pending FBC Approval	08/31/2009
Date Approved	10/13/2009

Summary of Products

FL #	Model, Number or Name	Description
5444.1	CertainTeed Asphalt Roofing Shingles	3-tab, laminated, architectural and 4-tab asphalt roof shingles
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Refer to ER Section 5 for Limits of Use		Installation Instructions FL5444 R2 II er072709FINAL Asphalt Shingle FL5444-R2.pdf Verified By: Robert Nieminen, PE PE-59166 Created by Independent Third Party: Yes Evaluation Reports FL5444 R2 AE er072709FINAL Asphalt Shingle FL5444-R2.pdf Created by Independent Third Party: Yes

[Back](#)[Next](#)

Department of Community Affairs
 Florida Building Code Online
 Codes and Standards
 2555 Shumard Oak Boulevard
 Tallahassee, Florida 32399-2100
 (850) 487-1824, Fax (850) 414-8436

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Product Approval Accepts:

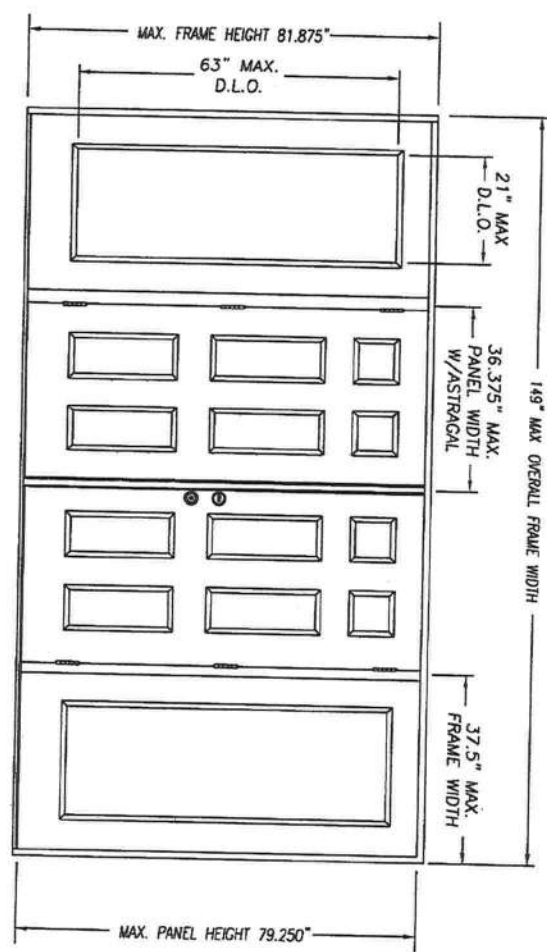
Set 2a, May 2001



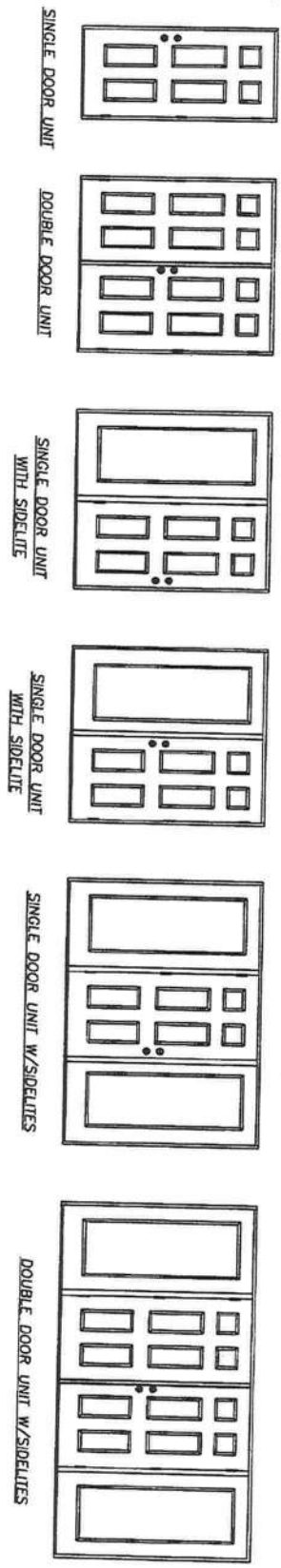
**SIDE-HINGED WOOD-EDGE STEEL DOOR UNIT
6'-8" DOUBLE DOOR WITH / WITHOUT SIDELITES**

GENERAL NOTES

- EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, DOES NOT EXCEED THE DESIGN PRESSURES LISTED
- HURRICANE PROTECTIVE SYSTEM (SHUTTERS) IS NOT REQUIRED ON OPAQUE PANELS, BUT IS REQUIRED ON GLAZED SIDELITES
- POLYURETHANE CORE FLAME SPREAD INDEX OF 50 AND SMOKE DEVELOPED INDEX OF 80 PER ASTM E84
- PLASTICS TESTING OF LITE FRAME MATERIAL:
TEST DESCRIPTION DESIGNATION RESULT
SELF IGNITION TEMP ASTM D1929 680 °F > 650 °F
RATE OF BURNING ASTM D635 1.10 IN/MIN
SMOKE DENSITY ASTM D2843 69.6%
TENSILE STRENGTH* ASTM D638 -7.48% DIFF
* COMPARATIVE TENSILE STRENGTH AFTER WEATHERING 4500 HOURS KENON ARC METHOD 1



DOUBLE INSWING UNIT W/SIDELITES



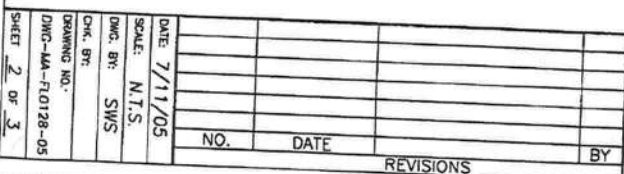
Approval to WMA
Reviewed By: NT000110
Date Reviewed: 8/10/05

TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	TYPICAL ELEVATIONS & GENERAL NOTES
2	ANCHORING LOCATIONS & DETAILS
3	ANCHORING LOCATIONS & DETAILS

CONFIG	MAX WIDTH	DESIGN PRESSURE RATING				WHERE WATER INFILTRATION PERFORMANCE IS REQUIRED TO BE 15% OF DESIGN PRESSURE			
		INSWING		OUTSWING		INSWING		OUTSWING	
X	37.5	+76.0	-76.0	+76.0	-76.0	+19.0	-19.0	+55.0	-55.0
XX	74	+55.0	-55.0	+55.0	-55.0	+19.0	-19.0	+55.0	-55.0
OX or XO	75	+55.0	-55.0	+55.0	-55.0	+19.0	-19.0	+55.0	-55.0
OXO	112.5	+55.0	-55.0	+55.0	-55.0	+19.0	-19.0	+55.0	-55.0
OXOX	149	+55.0	-55.0	+55.0	-55.0	+19.0	-19.0	+55.0	-55.0

PRODUCT: "EXTERIOR DOOR PRODUCT" DOUBLE 6'8" OPAQUE WOOD-EDGE STEEL DOOR		PART OR ASSEMBLY: TYPICAL ELEVATIONS & GENERAL NOTES	
MASONITE INTERNATIONAL CORP. 7300 REAMES RD. CHARLOTTE, NC 28216		DATE: 7/11/05 SCALE: N.T.S. DWG. BY: SWS CHK. BY: DRAWING NO.: DWG-MA-F10128-05	
SHEET 1 OF 3		NO. DATE REVISIONS BY	

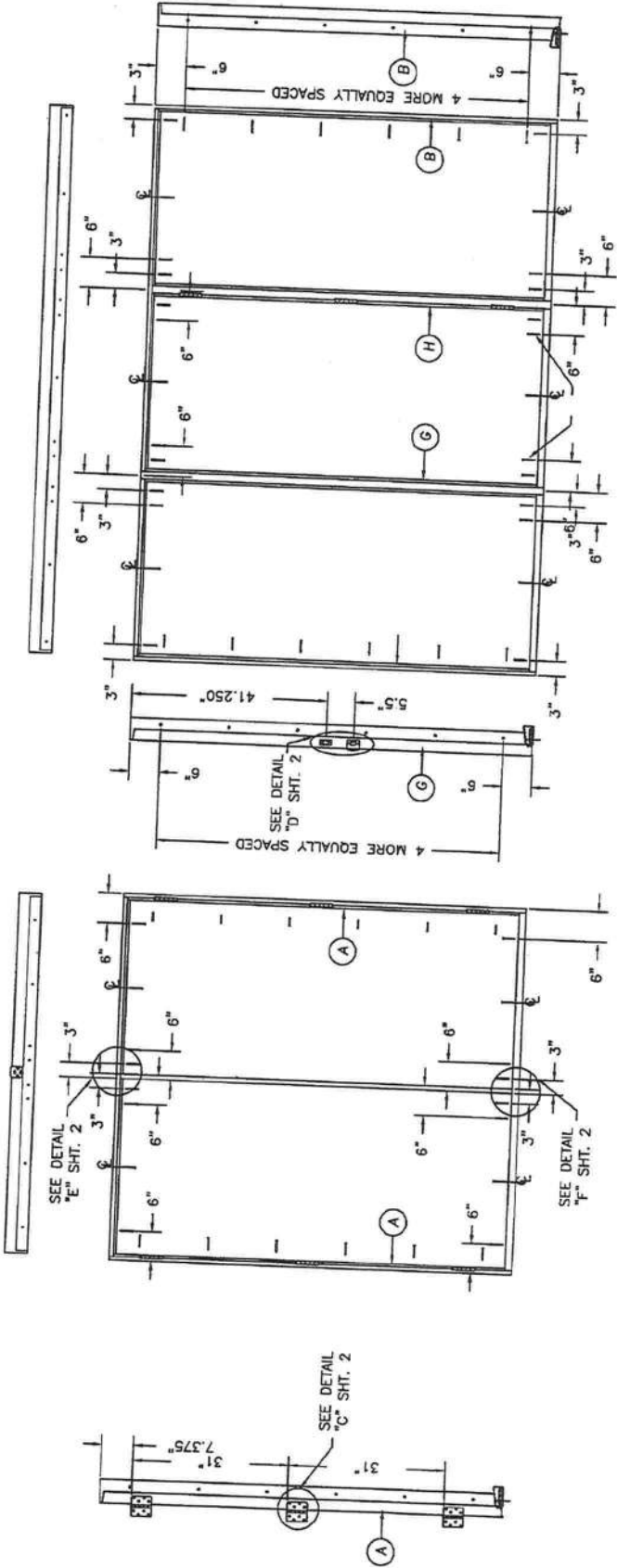


MASONITE INTERNATIONAL CORP.
7300 REAMES RD.
CHARLOTTE, NC 28216

PRODUCT: EXTERIOR DOOR PRODUCT
PART OR ASSEMBLY: 6"-8" WOOD-EDGE STEEL DOUBLE DOOR UNIT
ANCHORING LOCATIONS & DETAILS

NO.	DATE	BY

DATE: 7/11/05
SCALE: N.T.S.
DWG. BY: SWS
CHK. BY:
DRAWING NO.: DWG-MA-FL0128-05
SHEET 3 OF 3

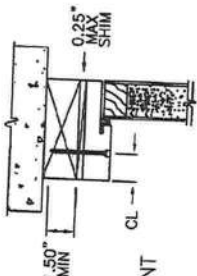


ATTACHMENT DETAIL

- ANCHOR ANALYSIS FOR LOADING CONDITIONS PREPARED, SIGNED AND SEALED BY HAROLD E. RUPP, PE (FLORIDA #15935) WITH THE LOWEST (LEAST) FASTENER RATING FROM THE DIFFERENT FASTENERS BEING CONSIDERED FOR USE. JAMB, HEAD, AND THRESHOLD FASTENERS ANALYZED FOR THIS UNIT INCLUDE #10 WOOD SCREWS OR 3/16" TAPCONS. A PHYSICAL SHIM MUST BE PLACED IN SHIM SPACE AT EACH ANCHOR LOCATION.
- THE WOOD SCREW SINGLE SHEAR DESIGN VALUES COME FROM ANSI/AF&PA NDA FOR SOUTHERN PINE LUMBER AND ACHIEVEMENT OF 1-1/2" MINIMUM EMBEDMENT. THE TAPCON MUST ACHIEVE MINIMUM EMBEDMENT OF 1-1/4".
- WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE.
- MINIMUM DESIGN VALUE STRENGTH OF ANCHORS 171 LBS.

HARDWARE SCHEDULE

- KWIKSET OR SCHLEGE ANSI/BHMA GRADE 3 OR BETTER CYLINDRICAL AND DEADLOCK HARDWARE TO BE INSTALLED AT 5-1/2" CENTERLINE.
- 4" X 4" FULL MORTISE BUTT HINGES



TYPICAL ANCHOR INSTALLATION

Addressed to HAM
Certification No.: N1006110
Reviewed By: [Signature]
Date Released: 8/16/05

Set 29 Mayfair



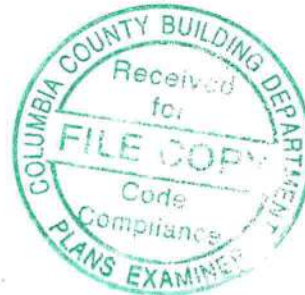
Zone 3 Supplemental Instructions

Pan Doors: Raised Panel

16'-0" wide

Design pressure: 18.7 pos / 20.8 neg

Test pressure: 28.1 pos / 31.2 neg



⚠ CAUTION

Higher wind pressures and larger doors require additional reinforcement.

Premature failure of door system may result from improper application.

Use these instructions only for the wind pressures and door sizes as listed above.

⚠ WARNING

These supplemental instructions do not contain basic door installation steps and related safety information.

Failure to follow basic installation steps and related safety information may result in injury or death.

Door installers must follow a primary instruction manual for basic door installation steps and related safety information.

Garage door reinforcement details include:

- Top fixture type and attachment.
- Strut attachment.
- Flag bracket attachment to the wall and track system.
- Track bracket quantity and placement.
- End hinge type and attachment.
- Strut type and placement.

A locking system must be installed if the door is not electrically operated.

Stop molding is required. A minimum 2-1/2" long nail or screw must be used on an 8" spacing.

The correct selection of door and framing materials is the responsibility of the building owner/designer following local building code directives. Use of a reinforced garage door does not constitute automatic compliance with any building code. Local building code officials determine compliance criteria.

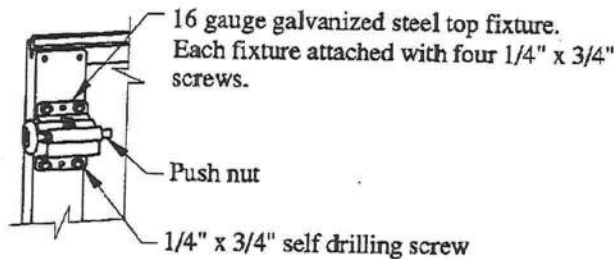
John E. Scates
6413108
John E. Scates, P.E.
1414 West May Street #205
Carrollton, Texas 75007
Florida P.E. # 51737

This document includes 4 pages.
Professional Engineer's seal
provided only for verification of
windload construction details

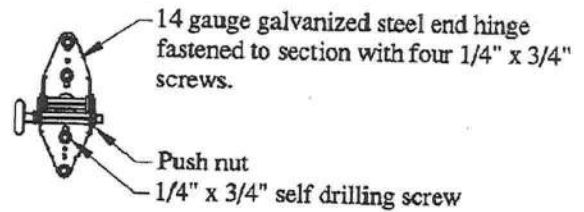
FL 10474

Top Fixture Detail

(Strut, if applicable, not shown for clarity.)

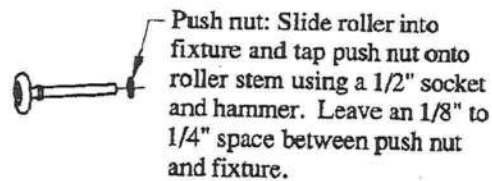


End Hinge Detail

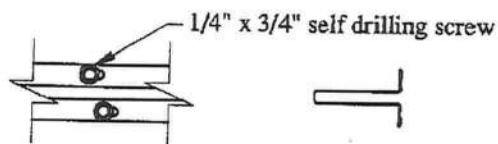


Push Nut Detail (use on all rollers)

use 3/8" I. D. on bottom fixture roller stem
use 7/16" I. D. on end hinge and top fixture roller stems

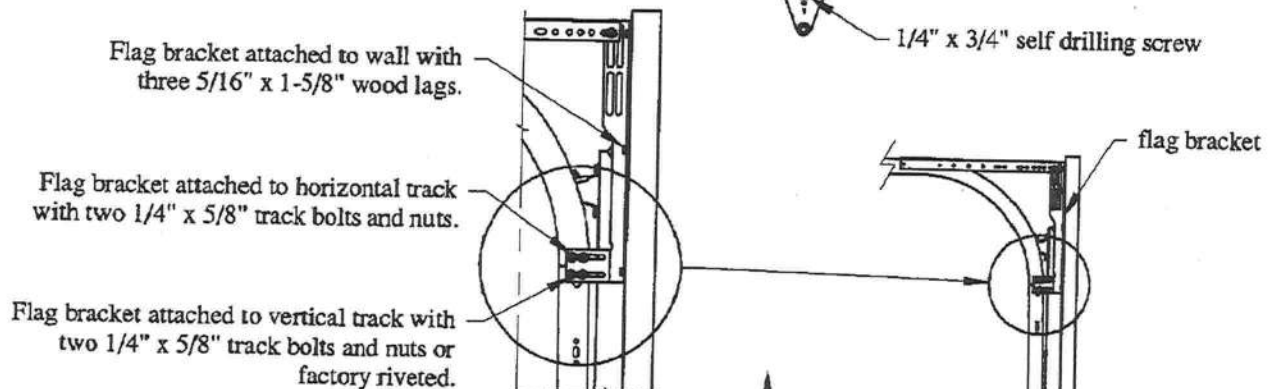


Strut Attachment Detail



17 gauge 50ksi galvanized steel 3" strut attached with two 1/4" x 3/4" screws to every stile.

Flag Bracket Detail



Track Bracket Locations

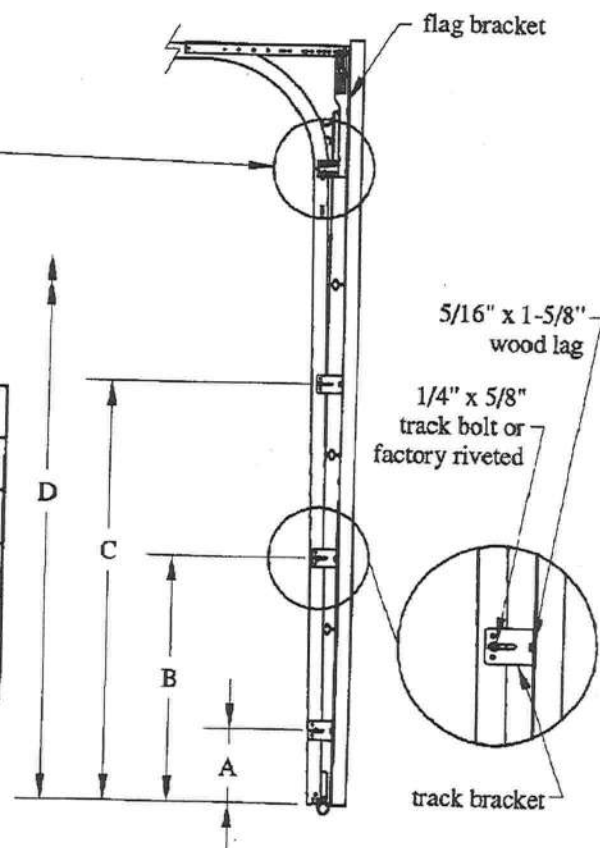
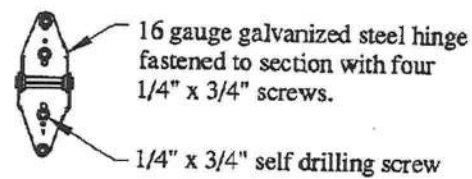
Manufacturing tolerances and actual field conditions may result in variances of +/- 1"

	door height / four sections			door height / five sections					
	6'-6"	6'-9"	7'-0"	7'-6"	7'-9"	8'-0"	8'-3"	8'-6"	8'-9"
D	n/a	n/a	n/a	72"	69"	72"	81"	84"	87"
C	60"	63"	66"	58"	55"	58"	60"	63"	66"
B	35"	35"	38"	34"	31"	34"	32"	35"	38"
A	10"	7"	10"	10"	7"	10"	4"	7"	10"

Track bracket locations shown above are for doors up to five sections high. Additional door sections may be added for a maximum door height of 14'-0". One track bracket (per track) must be added for each section and spaced at a distance not greater than the corresponding section height.

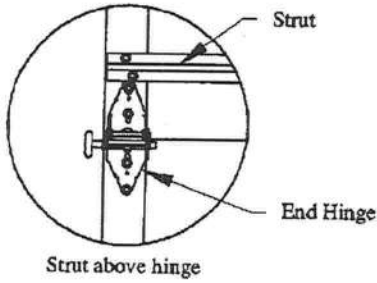
Z3_alt-16045-pan-051608

Intermediate Hinge Detail

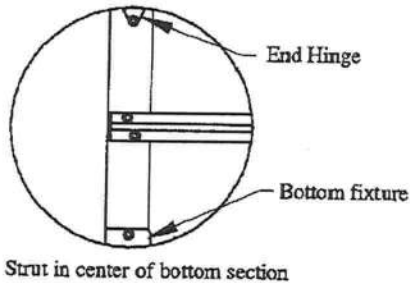


Four Section High Doors 16'-0" wide

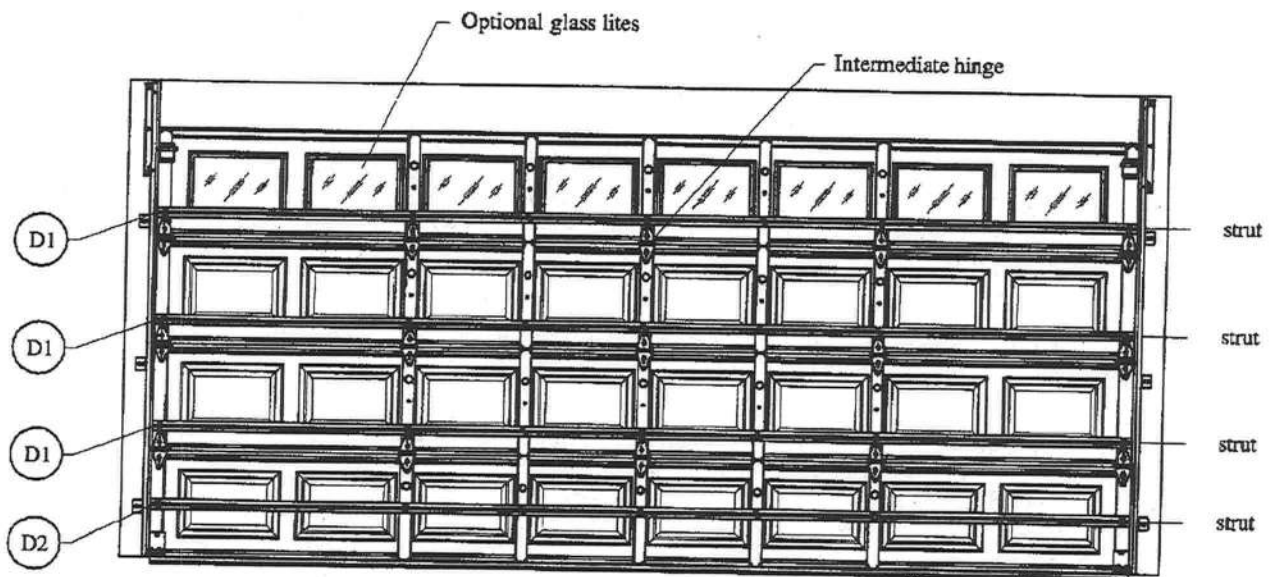
Strut Placement



Detail 1



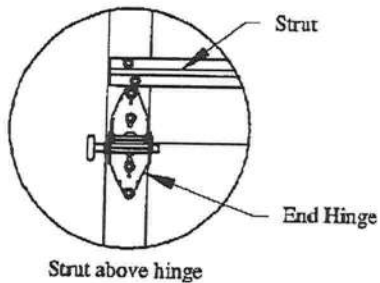
Detail 2



4 struts total

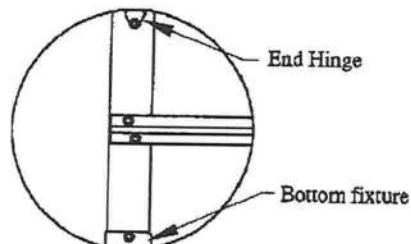
Five Section High Doors 16'-0" wide

Strut Placement



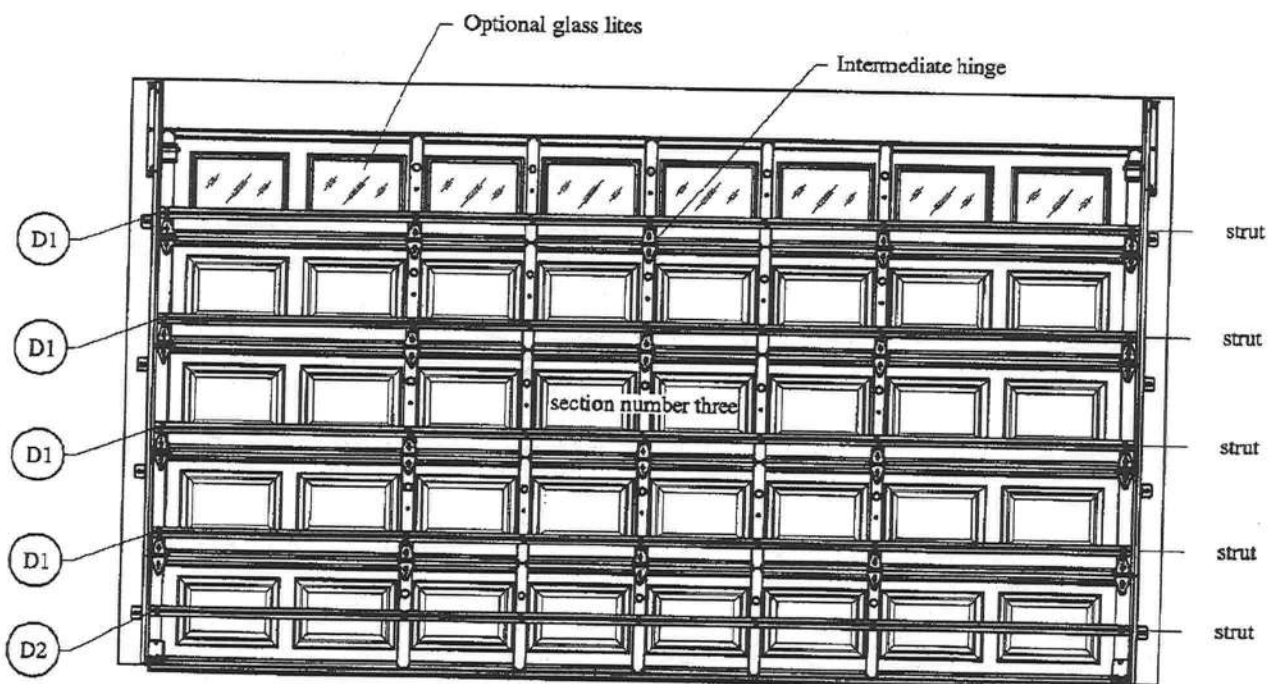
Strut above hinge

Detail 1



Strut in center of bottom section

Detail 2



Additional sections may be added for a maximum door height of 14'-0". Each additional section must have one strut as shown above in section number three and be installed above the third section.

5 struts total



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Product Approval

USER: Public User

Product Approval Menu > Product or Application Search > Application List > **Application Detail**



FL #	FL13196
Application Type	New
Code Version	2007
Application Status	Approved
Comments	
Archived	

Product Manufacturer
Address/Phone/Email

MARITECH WINDOWS
1813 KELLY BLVD
CARROLLTON, TX 75006
(469) 568-5636 Ext 307
scrawford@maritechwindow

Authorized Signature

Luis Lomas
rlomas@lrlomaspe.com

Technical Representative
Address/Phone/Email

Quality Assurance Representative
Address/Phone/Email

Category
Subcategory

Windows
Single Hung

Compliance Method

Certification Mark or Listing

Certification Agency
Validated By

American Architectural Man
American Architectural Man

Referenced Standard and Year (of Standard)

Standard

AAMA/WDMA/CSA 101/I.S.

Equivalence of Product Standards
Certified By

Product Approval Method

Method 1 Option A

Date Submitted

10/30/2009

Date Validated

11/05/2009

Date Pending FBC Approval

11/06/2009

Date Approved

12/09/2009

Summary of Products

FL #	Model, Number or Name	Description
13196.1	310 SH PVC SINGLE HUNG WINDOW	310 SH PVC SING
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other:		Certification Age FL13196_R0_C_C Quality Assurance 08/08/2012 Installation Inst FL13196_R0_II_C Verified By: Luis I Created by Indep Evaluation Repo Created by Indep
13196.2	450 SH PVC SINGLE HUNG WINDOW	450 SH PVC SING
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other:		Certification Age FL13196_R0_C_C Quality Assurance 02/29/2012 Installation Inst FL13196_R0_II_C Verified By: Luis I Created by Indep Evaluation Repo Created by Indep



The Florida Department of Community Affairs Building Code Information System

SITE NAVIGATION



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CodeManufact.
BuildingsPrototype
Building

Surcharges



Training

License
SearchMailing
ListFlorida
Building
Commission

PRODUCT APPROVAL

Product Type Detail

Overview Product Search Organization Search Product Application

User: Public User - Not Associated with Organization -

Application #:

FL4904

Date Submitted:

07/25/2005

Code Version:

2004

Product Manufacturer:

Masonite International

Address/Phone/email:

One North Dale Mabry
Suite 950
Tampa, FL 33609
(615) 441-4258

Category:

Exterior Doors

Subcategory:

Swinging

Evaluation Method:

Certification Mark or Listing

Referenced Standards from the Florida Building Code:

Section	Standard	Year
	TAS 201	1994
	TAS 202	1994
	TAS 203	1994
	ASTM	1998
	E1300	
	ASTM	2002
	E1300	

Section
2612 HVHZ
P1

Certification Agency:

National Accreditation &
Management Institute,

Quality Assurance Entity:

Validation Entity:

Authorized Signature:

Steve Schreiber
sschreiber@masonite.com

Need Help?



Evaluation/Test Reports Uploaded:
 Installation Documents Uploaded:

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 Glazed.pdf](#)
[PTID_4904_I_Install 68 WE
 Opaque.pdf](#)
[PTID_4904_I_Install 80 WE
 Glazed.pdf](#)
[PTID_4904_I_Install 80 WE
 Opaque.pdf](#)

Product Approval Method:

Method 1 Option A

Application Status:

Approved

Date Validated:

09/27/2005

Date Approved:

10/06/2005

Date Certified to the 2004 Code:

Page:

Page 1 / 1

App/Seq #	Product Model # or Name	Model Description	Limits of Use
4904.1	Wood-edge Steel Side-Hinged Door Units	6'-8" Opaque I/S and O/S Single Door	Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 3'-0" x 6'-8" max nominal size Max DP = +/- 76.0. When large missile impact resistance is required, hurricane protective system is NOT required. See installation drawing DWG-MA-FL0128-05 for additional information.
4904.2	Wood-edge Steel Side-Hinged Door Units	8'-0" Opaque I/S and O/S Single Door	Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 3'-0" x 8'-

			0" max nominal size Max DP = +/- 70.0. When large missile impact resistance is required, hurricane protective system is NOT required. See installation drawing DWG-MA-FL0129-05 for additional information.
4904.3	Wood-edge Steel Side-Hinged Door Units	6'-8" Opaque I/S and O/S Door w/ or w/o Sidelites	Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 6'-8" max nominal size. Max DP = +/- 55.0. When large missile impact resistance is required, hurricane protective system is NOT required on opaque panels, but is required on glazed panels. See installation drawing DWG-MA-FL0128-05 for additional information.
4904.4	Wood-edge Steel Side-Hinged Door Units	8'-0" Opaque I/S Door w/ or w/o Sidelites	Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 8'-0" max nominal size. Max DP = + 45.0 / -50.0. When large missile impact resistance is required, hurricane protective system is NOT required on opaque panels, but is required on glazed panels. See installation drawing DWG-MA-FL0129-05 for additional information.
			Evaluated for use in

4904.5	Wood-edge Steel Side-Hinged Door Units	8'-0" Opaque O/S w/ or w/o Sidelites	locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 8'-0" max nominal size. Max DP = + 50.0 / -45.0. When large missile impact resistance is required, hurricane protective system is NOT required on opaque panels, but is required on glazed panels. See installation drawing DWG-MA-FL0129-05 for additional information.
4904.6	Wood-edge Steel Side-Hinged Door Units	6'-8" Glazed I/S and O/S Door w/ or w/o Sidelites	Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 6'-8" max nominal size. Max DP = +/- 50.5. When large missile impact resistance is required, hurricane protective system is required. See installation drawing DWG-MA-FL0130-05 for additional information.
4904.7	Wood-edge Steel Side-Hinged Door Units	8'-0" Glazed I/S Door w/ or w/o Sidelites	Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 8'-0" max nominal size.

			Max DP = +40.0 / -45.0. When large missile impact resistance is required, hurricane protective system is required. See installation drawing DWG-MA-FL0131-05 for additional information.
4904.8	Wood-edge Steel Side-Hinged Door Units	8'-0" Glazed O/S Door w/ or w/o Sidelites	Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 8'-0" max nominal size. Max DP = +45.0 / -40.0. When large missile impact resistance is required, hurricane protective system is required. See installation drawing DWG-MA-FL0131-05 for additional information.

[Next](#)

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**COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST REQUIREMENTS**

6-25-09

**MINIMUM PLAN REQUIREMENTS FOR THE
FLORIDA BUILDING CODE RESIDENTIAL 2007 EFFECTIVE 1 MARCH 2009 & 2009
SUPPLEMENTS EFFECTIVE 1 MARCH 2009, ONE (1) AND TWO (2) FAMILY DWELLINGS
with Supplements and Revision, OF THE NATIONAL ELECTRICAL 2008**

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

**ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current 2007
FLORIDA BUILDING CODES RESIDENTIAL EFFECTIVE 1 MARCH 2009 & 2009
SUPPLEMENTS EFFECTIVE 1 MARCH 2009. ALL PLANS OR DRAWINGS SHALL
PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND
SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE
STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE
STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY
DWELLINGS.**

**FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER
FIGURE R301.2(4) of the FLORIDA BUILDING CODES RESIDENTIAL (Florida Wind
speed map) SHALL BE USED.**

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH
ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE ----- 110 MPH
NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

**GENERAL REQUIREMENTS:
APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL**

Items to Include-
Each Box shall be
Circled as
Applicable

		Yes	No	N/A
1	Two (2) complete sets of plans containing the following:	☒		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void			
3	Condition space (Sq. Ft.) <u>1650</u>	IIIIIIII	IIIIIIII	IIII
	Total (Sq. Ft.) under roof <u>2399</u>			

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL R101.2.1

Site Plan information including:

4	Dimensions of lot or parcel of land	☒		
5	Dimensions of all building set backs	☒		
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.			☒
7	Provide a full legal description of property.			

Wind-load Engineering Summary, calculations and any details required

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
8	Plans or specifications must show compliance with FBCR Chapter 3	☒	☐	☐
9	Basic wind speed (3-second gust), miles per hour	☒	☐	☐
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	☒	☐	☐
11	Wind importance factor and nature of occupancy	☒	☐	☐
12	The applicable internal pressure coefficient, Components and Cladding	☒	☐	☐
13	The design wind pressure in terms of psf (kN/m ²), to be used for the design of exterior component, cladding materials not specifi ally designed by the registered design professional.	☒	☐	☐

Elevations Drawing including:

14	All side views of the structure	☒	☐	☐
15	Roof pitch	☒	☐	☐
16	Overhang dimensions and detail with attic ventilation	☒	☐	☐
17	Location, size and height above roof of chimneys	☐	☐	☒
18	Location and size of skylights with Florida Product Approval	☐	☐	☒
18	Number of stories	☒	☐	☐
20A	Building height from the established grade to the roofs highest peak	☒	☐	☐

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	☒	☐	☐
21	Raised floor surfaces located more than 30 inches above the floor or grade	☐	☐	☒
22	All exterior and interior shear walls indicated	☒	☐	☐
23	Shear wall opening shown (Windows, Doors and Garage doors)	☒	☐	☐
24	Show compliance with Section FBCR 310 Emergency escape and rescue opening shown in each bedroom (net clear opening shown) and Show compliance with Section FBCR 613.2 where the opening of an operable window is located more than 72 inches above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches above the finished floor of the room in which the window is located. Glazing between the floor and 24 inches shall be fixed or have openings through which a 4-inch-diameter sphere cannot pass.	☒	☐	☐
25	Safety glazing of glass where needed	☐	☐	☒
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FBCR)	☐	☐	☒
27	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails	☐	☐	☒
28	Identify accessibility of bathroom (see FBCR SECTION 322)	☒	☐	☐

All materials placed within opening or onto/into exterior walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plans (see Florida product approval form)

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
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FBCR 403: Foundation Plans

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	✓		
30	All posts and/or column footing including size and reinforcing	✓		
31	Any special support required by soil analysis such as piling.			✓
32	Assumed load-bearing value of soil _____ Pound Per Square Foot			✓
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type) For structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an grounding electrode system. Per the National Electrical Code article 250.52.3			✓

FBCR 506: CONCRETE SLAB ON GRADE

34	Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)	✓		
35	Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports			✓

FBCR 320: PROTECTION AGAINST TERMITES

36	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or Sub mit other approved termite protection methods. Protection shall be provided by registered termiticides	✓		
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FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

37	Show all materials making up walls, wall height, and Block size, mortar type			✓
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement			✓

Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect

Floor Framing System: First and/or second story

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer	✓		
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or piers			✓
41	Girder type, size and spacing to load bearing walls, stem wall and/or piers			✓
42	Attachment of joist to girder			✓
43	Wind load requirements where applicable	✓		
44	Show required under-floor crawl space			✓

45	Show required amount of ventilation opening for under-floor spaces			✓
46	Show required covering of ventilation opening			✓
47	Show the required access opening to access to under-floor spaces			✓
48	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & interior of the areas structural panel sheathing			✓
49	Show Draftstopping, Fire caulking and Fire blocking	✓		
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 309			
51	Provide live and dead load rating of floor framing systems (psf).	✓		

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	✓		
53	Fastener schedule for structural members per table FBCR 602.3 are to be shown	✓		
54	Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing	✓		
55	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems	✓		
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBCR Table 502.5 (1)	✓		
57	Indicate where pressure treated wood will be placed	✓		
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	✓		
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	✓		

FBCR :ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.10 Wood trusses	✓		
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer	✓		
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	✓		
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	✓		
64	Provide dead load rating of trusses	✓		

FBCR 802:Conventional Roof Framing Layout

65	Rafter and ridge beams sizes, span, species and spacing			✓
66	Connectors to wall assemblies' include assemblies' resistance to uplift rating			✓
67	Valley framing and support details			✓
68	Provide dead load rating of rafter system			✓

FBCR Table 602.3(2) & FBCR 803 ROOF SHEATHING

69	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness	☒	☐	☐
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas	☒	☐	☐

FBCR ROOF ASSEMBLIES FRC Chapter 9

71	Include all materials which will make up the roof assemblies covering	☒	☐	☐
72	Submit Florida Product Approval numbers for each component of the roof assemblies covering	☒	☐	☐

FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter 11 Residential buildings compliance methods. **Two of the required forms are to be submitted, N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.**

GENERAL REQUIREMENTS: APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
73	Show the insulation R value for the following areas of the structure	☒	☐	☐
74	Attic space	☒	☐	☐
75	Exterior wall cavity	☒	☐	☐
76	Crawl space	☐	☐	☒

HVAC information

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	☒	☐	☐
78	Exhaust fans shown in bathrooms Mechanical exhaust capacity of 50 cfm intermittent or 20 cfm continuous required	☒	☐	☐
79	Show clothes dryer route and total run of exhaust duct	☒	☐	☐

Plumbing Fixture layout shown

80	All fixtures waste water lines shall be shown on the foundation plan	☐	☐	☐
81	Show the location of water heater	☒	☐	☐

Private Potable Water

82	Pump motor horse power	☒	☐	☐
83	Reservoir pressure tank gallon capacity	☒	☐	☐
84	Rating of cycle stop valve if used	☒	☐	☐

Electrical layout shown including

85	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	✓		
86	Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected by Ground-Fault Circuit Interrupter (GFCI) Article 210.8 A	✓		
87	Show the location of smoke detectors & Carbon monoxide detectors	✓		
88	Show service panel, sub-panel, location(s) and total ampere ratings	✓		
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type. For structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an Grounding electrode system. Per the National Electrical Code article 250.52.3	✓		
90	Appliances and HVAC equipment and disconnects	✓		
91	Show all 120-volt, single phase, 15- and 20-ampere branch circuits supplying outlets installed in dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or similar rooms or areas shall be protected by a listed Combination arc-fault circuit interrupter , Protection device.	✓		

Disclosure Statement for Owner Builders *If you as the applicant will be acting as an owner/builder under section 489.103(7) of the Florida Statutes, submit the required owner builder disclosure statement form.*

Notice Of Commencement

A notice of commencement form **recorded** in the Columbia County Clerk Office is required to be filed with the building department Before Any Inspections can be preformed.

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable
--	--

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	Building Permit Application A current Building Permit Application form is to be completed and submitted for all residential projects	✓		
93	Parcel Number The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested	✓		
94	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058			
95	City of Lake City A permit showing an approved waste water sewer tap			✓
96	Toilet facilities shall be provided for all construction sites	✓		
97	Town of Fort White (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			✓

98	Flood Information: All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations			
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established			
100	A development permit will also be required. Development permit cost is \$50.00			
101	Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.			
102	911 Address: If the project is located in an area where a 911 address has not been issued, then application for a 911 address must be applied for and received through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125	✓		

Section R101.2.1 of the Florida Building Code Residential:

The provisions of Chapter 1, Florida Building Code, Building shall govern the administration and enforcement of the Florida Building Code, Residential.

Section 105 of the Florida Building Code defines the:

Time limitation of application.

An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

Single-family residential dwelling.

Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 working days of application therefor unless unusual circumstances require a longer time for processing the application or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws or ordinances.

Permit intent.

Section 105.4.1: A permit issued shall be constructed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within six months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of six months after the time the work is commenced.

If work has commenced.

Section 105.4.1.1: If work has commenced and the permit is revoked, becomes null and void, or expires because of lack of progress or abandonment, a new permit covering the proposed construction shall be obtained before proceeding with the work.

New Permit.

Section 105.4.1.2: If a new permit is not obtained within 180 days from the date the initial permit became null and void, the building official is authorized to require that any work which has been commenced or completed be removed from the building site. Alternately, a new permit may be issued on application, providing the work in place and required to complete the structure meets all applicable regulations in effect at the time the initial permit became null and void and any regulations which may have become effective between the date of expiration and the date of issuance of the new permit.

Work Shall Be:

Section 105.4.1.3: Work shall be considered to be in active progress when the permit has received an approved inspection within 180 days. This provision shall not be applicable in case of civil commotion or strike or when the building work is halted due directly to judicial injunction, order or similar process.

The Fee:

Section 105.4.1.4: The fee for renewal reissuance and extension of a permit shall be set forth by the administrative authority.

When the submitted application is approved for permitting the applicant will be notified by phone as to the date and time a building permit will be prepared and issued by the Columbia County Building & Zoning Department

PRODUCT APPROVAL SPECIFICATION SHEET

Location: _____

Project Name: _____

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are **applying for a building permit on or after April 1, 2004**. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung			
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
C. PANEL WALL			
1. Siding			
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles			
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor			
2. Truss plates			
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

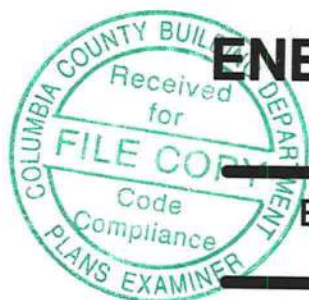
I understand these products may have to be removed if approval cannot be demonstrated during inspection.

Contractor or Contractor's Authorized Agent Signature

Location

Print Name

Date



ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 82

The lower the EnergyPerformance Index, the more efficient the home.

, Lake City, Fl,

1. New construction or existing	New (From Plans)	9. Wall Types	Insulation	Area
2. Single family or multiple family	Single-family	a. Frame - Wood, Exterior	R=13.0	1473.30 ft ²
3. Number of units, if multiple family	1	b. Frame - Wood, Adjacent	R=13.0	288.00 ft ²
4. Number of Bedrooms	3	c. N/A	R=	ft ²
5. Is this a worst case?	No	d. N/A	R=	ft ²
6. Conditioned floor area (ft ²)	1650	10. Ceiling Types	Insulation	Area
7. Windows**	Description	a. Under Attic (Vented)	R=30.0	1650.00 ft ²
a. U-Factor:	Dbl, U=0.33	b. Knee Wall (Vented)	R=19.0	100.00 ft ²
SHGC:	SHGC=0.21	c. N/A	R=	ft ²
b. U-Factor:	N/A	11. Ducts		
SHGC:		a. Sup: Attic Ret: Attic AH: Garage Sup. R= 6, 320 ft ²		
c. U-Factor:	N/A	12. Cooling systems		
SHGC:		a. Central Unit	Cap: 26.8 kBtu/hr	
d. U-Factor:	N/A		SEER: 13	
SHGC:		13. Heating systems		
e. U-Factor:	N/A	a. Electric Heat Pump	Cap: 26.4 kBtu/hr	
SHGC:			HSPF: 8.2	
8. Floor Types	Insulation	14. Hot water systems		
a. Slab-On-Grade Edge Insulation	R=0.0	a. Electric	Cap: 52 gallons	
b. N/A	R=		EF: 0.92	
c. N/A	R=	b. Conservation features		
		None		
		15. Credits		
			CF, Pstat	

I certify that this home has complied with the Florida Energy Efficiency Code for Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____



*Note: The home's estimated Energy Performance Index is only available through the EnergyGauge USA - FlaRes2008 computer program. This is not a Building Energy Rating. If your Index is below 100, your home may qualify for incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at (321) 638-1492 or see the Energy Gauge web site at energygauge.com for information and a list of certified Raters. For information about Florida's Energy Efficiency Code for Building Construction, contact the Department of Community Affairs at (850) 487-1824.

**Label required by Section 13-104.4.5 of the Florida Building Code, Building, or Section B2.1.1 of Appendix G of the Florida Building Code, Residential, if not DEFAULT.

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name: SCCI- Lot 29 Mayfair
 Street:
 City, State, Zip: Lake City, FL,
 Owner: Stanley Crawford
 Design Location: FL, Gainesville

Builder Name: SCCI
 Permit Office: 29626
 Permit Number:
 Jurisdiction: 221006

1. New construction or existing	New (From Plans)
2. Single family or multiple family	Single-family
3. Number of units, if multiple family	1
4. Number of Bedrooms	3
5. Is this a worst case?	No
6. Conditioned floor area (ft ²)	1650
7. Windows(289.3 sqft.)	Description Area
a. U-Factor:	Dbl, U=0.33 289.33 ft ²
SHGC:	SHGC=0.21
b. U-Factor:	N/A ft ²
SHGC:	
c. U-Factor:	N/A ft ²
SHGC:	
d. U-Factor:	N/A ft ²
SHGC:	
e. U-Factor:	N/A ft ²
SHGC:	
8. Floor Types (1650.0 sqft.)	Insulation Area
a. Slab-On-Grade Edge Insulation	R=0.0 1650.00 ft ²
b. N/A	R= ft ²
c. N/A	R= ft ²

9. Wall Types (1761.3 sqft.)	Insulation Area
a. Frame - Wood, Exterior	R=13.0 1473.30 ft ²
b. Frame - Wood, Adjacent	R=13.0 288.00 ft ²
c. N/A	R= ft ²
d. N/A	R= ft ²
10. Ceiling Types (1750.0 sqft.)	Insulation Area
a. Under Attic (Vented)	R=30.0 1650.00 ft ²
b. Knee Wall (Vented)	R=19.0 100.00 ft ²
c. N/A	R= ft ²
11. Ducts	
a. Sup: Attic Ret: Attic AH: Garage Sup. R= 6, 320 ft ²	
12. Cooling systems	
a. Central Unit	Cap: 26.8 kBtu/hr SEER: 13
13. Heating systems	
a. Electric Heat Pump	Cap: 26.4 kBtu/hr HSPF: 8.2
14. Hot water systems	
a. Electric	Cap: 52 gallons EF: 0.92
b. Conservation features	
None	
15. Credits	CF, Pstat

Glass/Floor Area: 0.175

Total As-Built Modified Loads: 29.95

Total Baseline Loads: 36.44

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: _____
 DATE: _____

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: Mayla Cruz
 DATE: 8/12/11

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.



BUILDING OFFICIAL: _____
 DATE: _____

PROJECT

Title: SCCI- Lot 29 Mayfair	Bedrooms: 3	Address Type: Lot Information
Building Type: FLAsBuilt	Conditioned Area: 1650	Lot #: 29
Owner: Stanley Crawford	Total Stories: 1	Block/SubDivision: Mayfair
# of Units: 1	Worst Case: No	PlatBook:
Builder Name: SCCI	Rotate Angle: 0	Street:
Permit Office:	Cross Ventilation:	County: Columbia
Jurisdiction:	Whole House Fan:	City, State, Zip: Lake City , FL ,
Family Type: Single-family		
New/Existing: New (From Plans)		
Comment:		

CLIMATE

✓	Design Location	TMY Site	IECC Zone	Design Temp 97.5 %	Design Temp 2.5 %	Int Design Temp Winter	Int Design Temp Summer	Heating Degree Days	Design Moisture	Daily Temp Range
_____	FL, Gainesville	FL_GAINESVILLE_REGI	2	32	92	75	70	1305.5	51	Medium

FLOORS

✓	#	Floor Type	Perimeter	R-Value	Area	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	222 ft	0	1650 ft²	0	0	1

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
_____	1	Hip	Composition shingles	1845 ft²	0 ft²	Medium	0.96	No	0	26.6 deg

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	1650 ft²	N	N

CEILING

✓	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	30	1650 ft²	0.11	Wood
_____	2	Knee Wall (Vented)	19	100 ft²	0.11	Wood

WALLS

✓	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
_____	1	N	Garage	Frame - Wood	13	288 ft²		0.23	0.01
_____	2	N	Exterior	Frame - Wood	13	480 ft²		0.23	0.75
_____	3	E	Exterior	Frame - Wood	13	165.3333		0.23	0.75
_____	4	S	Exterior	Frame - Wood	13	500 ft²		0.23	0.75
_____	5	W	Exterior	Frame - Wood	13	328 ft²		0.23	0.75

DOORS

✓	#	Ornt	Door Type	Storms	U-Value	Area
_____	1	N	Insulated	None	0.460000	20 ft²
_____	2	N	Insulated	None	0.460000	20 ft²

WINDOWS

Orientation shown is the entered, asBuilt orientation.

✓	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang Depth Separation	Int Shade	Screening
_____	1	N	Vinyl	Low-E Double	Yes	0.33	0.21	N	44 ft²	2 ft 0 in 5 ft 0 in	HERS 2006	None
_____	2	N	Vinyl	Low-E Double	Yes	0.33	0.21	N	30 ft²	2 ft 0 in 5 ft 0 in	HERS 2006	None
_____	3	N	Vinyl	Low-E Double	Yes	0.33	0.21	N	13.33333	2 ft 0 in 5 ft 0 in	HERS 2006	None
_____	4	E	Vinyl	Low-E Double	Yes	0.33	0.21	N	16 ft²	2 ft 0 in 5 ft 0 in	HERS 2006	None
_____	5	S	Vinyl	Low-E Double	Yes	0.33	0.21	N	75 ft²	2 ft 0 in 5 ft 0 in	HERS 2006	None
_____	6	S	Vinyl	Low-E Double	Yes	0.33	0.21	N	20 ft²	2 ft 0 in 5 ft 0 in	HERS 2006	None
_____	7	W	Vinyl	Low-E Double	Yes	0.33	0.21	N	45 ft²	2 ft 0 in 5 ft 0 in	HERS 2006	None
_____	8	E	Vinyl	Low-E Double	Yes	0.33	0.21	N	6 ft²	2 ft 0 in 5 ft 0 in	HERS 2006	None
_____	9	E	Vinyl	Low-E Double	Yes	0.33	0.21	N	40 ft²	3 ft 0 in 5 ft 0 in	HERS 2006	None

INFILTRATION & VENTING

✓	Method	SLA	CFM 50	ACH 50	ELA	EqLA	--- Forced Ventilation --- Supply CFM Exhaust CFM	Run Time Fraction	Fan Watts
_____	Default	0.00036	1558	7.08	85.5	160.9	0 cfm 0 cfm	0	0

GARAGE

✓	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
_____	1	519.2 ft²	519.2 ft²	52 ft	8 ft	1

COOLING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ducts
_____	1	Central Unit	None	SEER: 13	26.8 kBtu/hr	804 cfm	0.75	sys#1

HEATING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Ducts
_____	1	Electric Heat Pump	None	HSPF: 8.2	26.4 kBtu/hr	sys#1

HOT WATER SYSTEM

✓	#	System Type	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	0.92	52 gal	60 gal	120 deg	None

SOLAR HOT WATER SYSTEM

✓	FSEC											
	Cert #	Company Name		System Model #		Collector Model #	Collector Area	Storage Volume	FEF			
	None	None					ft²					

DUCTS

✓	#	Location	Supply R-Value	Area	Location	Return Area	Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
	1	Attic	6	320 ft²	Attic	80 ft²	Default Leakage	Garage	(Default)	(Default) %		

TEMPERATURES

Programable Thermostat: Y

Ceiling Fans:

Cooling	☒ Jan	☒ Feb	☒ Mar	☒ Apr	☒ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☒ Oct	☒ Nov	☒ Dec
Heating	☒ Jan	☒ Feb	☒ Mar	☒ Apr	☒ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☒ Oct	☒ Nov	☒ Dec
Venting	☒ Jan	☒ Feb	☒ Mar	☒ Apr	☒ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☒ Oct	☒ Nov	☒ Dec

Thermostat Schedule: HERS 2006 Reference

Schedule Type		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66
Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS:

Lake City, FL

PERMIT #:

INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	N1106.AB.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	N1106.AB.1.2	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	N1106.AB.1.2	Penetrations/openings > 1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	N1106.AB.1.2	Between walls & ceilings; penetrations of ceiling plane to top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	N1106.AB.1.2	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	N1106.AB.1.2	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	N1106.AB.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	N1112.AB.3	Comply with efficiency requirements in Table N1112.ABC.3 Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	N1112.AB.2.3	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%. Heat pump pool heaters shall have a minimum COP of 4.0.	
Shower heads	N1112.AB.2.4	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	N1110.AB	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section N1110.AB. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	N1107.AB.2	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	N1104.AB.1 N1102.B.1.1	Ceilings-Min. R-19. Common walls-frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

**Short Form
Entire House
WILSON HEAT & AIR, INC.**

Job:

Date:

By:

PO BOX 531, LAKE BUTLER, FL 32054 Phone: 386-496-0000 Fax: 386-754-1998 Email: WILSONHEATANDAIR@YAHOO.COM

Project Information

Design Information

	Htg	Clg	Infiltration	
Outside db (°F)	33	92	Method	Simplified
Inside db (°F)	70	75	Construction quality	Average
Design TD (°F)	37	17	Fireplaces	0
Daily range	-	M		
Inside humidity (%)	-	50		
Moisture difference (gr/lb)	-	52		

HEATING EQUIPMENT

Make GOODMAN MFG
Trade GOODMAN MFG.
Model

Efficiency 8.2 HSPF
Heating input
Heating output 26400 Btuh @ 47°F
Temperature rise 16 °F
Actual air flow 1533 cfm
Air flow factor 0.046 cfm/Btuh
Static pressure 0.00 in H2O
Space thermostat

COOLING EQUIPMENT

Make
Trade
Cond
Coil
Efficiency SEER
Sensible cooling 18760 Btuh
Latent cooling 8040 Btuh
Total cooling 26800 Btuh
Actual air flow 1533 cfm
Air flow factor 0.051 cfm/Btuh
Static pressure 0.00 in H2O
Load sensible heat ratio 0.86

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
BEDROOM #1	143	4198	3640	193	187
MASTER BATH	117	2099	1939	97	99
NOOK	130	1458	1307	67	67
MASTER BEDROOM	195	5267	5039	243	258
BEDROOM #2	195	3818	3646	176	187
LIVING ROOM	285	5066	4583	233	235
KITCHEN	247	4251	3848	196	197
DINING ROOM	156	3065	2757	141	141
BATH	130	4054	3161	187	162

Printout certified by ACCA to meet all requirements of Manual J 8th Ed.



wrightsoft

Right-Suite Residential 6.0.27 RSR26210

C:\Program Files\Wrightsoft HVAC\3 TON SYSTEM.rpt Calc = MJ8 Orientation = N

Page 1

Entire House	d	1598	31226	26942	1533	1533
Other equip loads			1294	594		
Equip. @ 0.97 RSM				26710		
Latent cooling				4900		
TOTALS		1598	32520	31610	1533	1533

Printout certified by ACCA to meet all requirements of Manual J 8th Ed.



wrightsoft

Right-Suite Residential 6.0.27 RSR26210

C:\Program Files\Wrightsoft\HVAC\3 TON SYSTEM.mp Calc = MJ8 Orientation = N

Page 2

STATE OF FLORIDA
COUNTY OF Columbia

TAX NO: _____

This instrument was Prepared By:
Stanley Crawford Construction, Inc.
1482 S.W. Commercial Glen
Lake City, Florida 32025

NOTICE OF COMMENCEMENT

The undersigned hereby gives notice that improvement will be made to certain real Property, and in accordance with Chapter 713, Florida Statutes, the following information Is provided in this Notice of Commencement.

1. Description of property: Lot 29 Mayfair
162 SW Lucille CT Lake City, FL 32024
2. General description of improvement: Single Family
3. Owner Name & Address: Stanley Crawford Construction, Inc.
1482 SW Commercial Glen Lake City, FL 32025
4. Interest in property: Fee Simple
5. Name and address of fee simple title holder (if other than owner): NONE
6. Contractor: Stanley Crawford Construction, Inc
1482 SW Commercial Glen
Lake City, Florida 32025

7. Surety N/A

- a. Name and address:
- b. Amount of bond:

B Inst: 201112012384 Date: 8/12/2011 Time: 2:01 PM
DC, P DeWitt Cason, Columbia County Page 1 of 1 B: 1219 P: 1460

8. Lender: N/A

9. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13 (1) (a) 7.
Florida Statutes: NONE

10. In addition to himself, Owner designates _____
_____ to receive a copy of the Lienor's
Notice as provided in section 713.13 (1) (b), Florida Statutes.

11. Expiration date of notice of commencement (the expiration date is 1 year from
The date of recording unless a different date is specified).

Stanley Crawford

The foregoing instrument was acknowledged before me this 2nd day of
August, 2011, by personal know,
who are personally known to me and who did not take an oath.

Erika Cushman

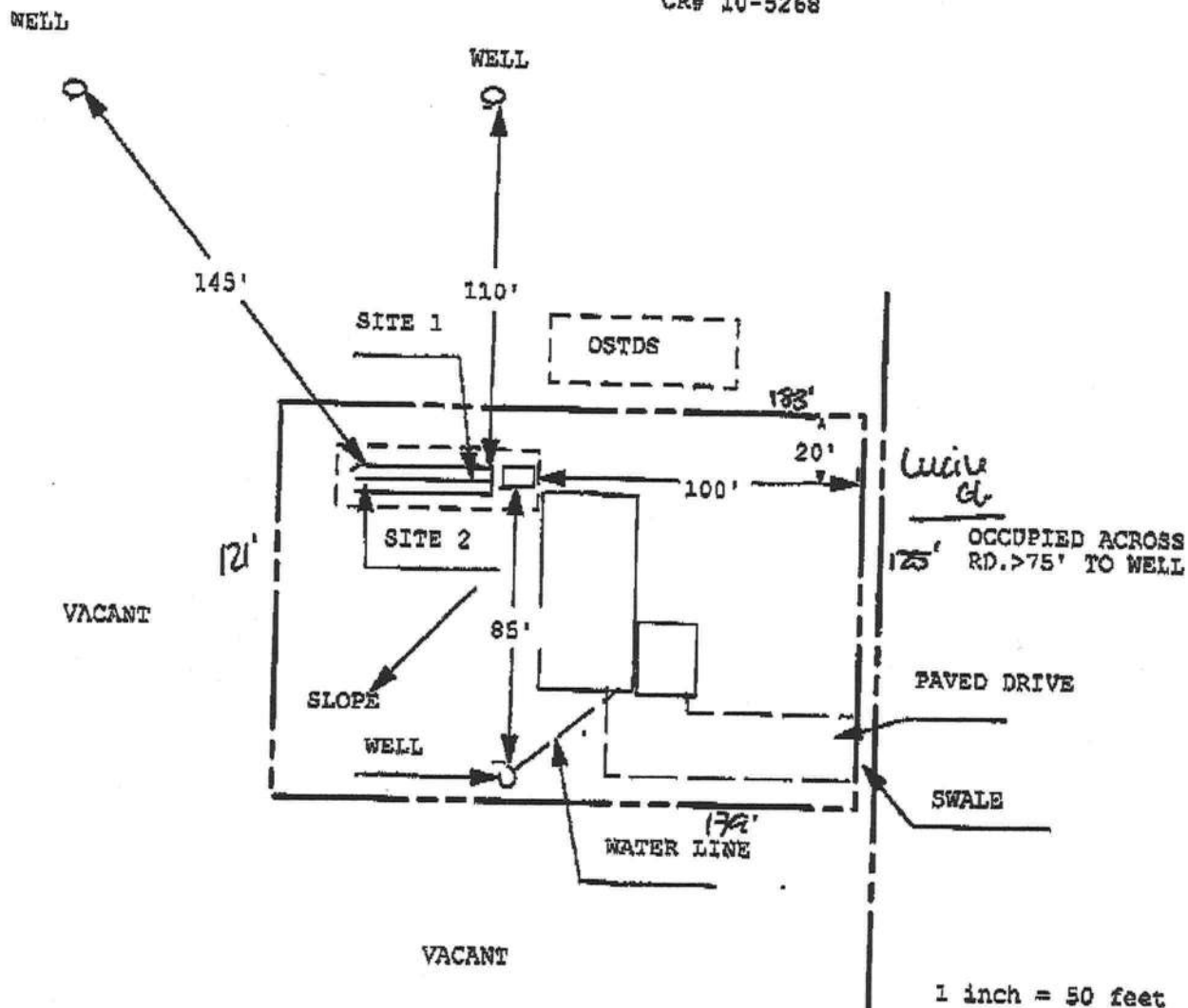
Notary Public
My Commission Expires



Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 11-1231

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

CR# 10-5268



Site Plan Submitted By Paul R. [Signature] Date 8/2/11
Plan Approved X Not Approved _____ Date 9.9.11
By [Signature] **Columbia CHD** CPHU
Notes: _____

Notes:

SF



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM
CONSTRUCTION PERMIT

PERMIT #: 12-SC-1362567
APPLICATION #: AP1043380
DATE PAID: 8/9/11
FEE PAID: 310.00
RECEIPT #: 1683353
DOCUMENT #: PR851474

CONSTRUCTION PERMIT FOR: OSTDS New

APPLICANT: STANLEY**11-0336 CRAWFORD CONSTRUCTION

PROPERTY ADDRESS: 162 SW LUCILLE Ct Lake City, FL 32025

LOT: 29 BLOCK: SUBDIVISION: MAY-FAIR PH-3

PROPERTY ID #: 02911-329 [SECTION, TOWNSHIP, RANGE, PARCEL NUMBER]
[OR TAX ID NUMBER]

SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS AND STANDARDS OF SECTION 381.0065, F.S., AND CHAPTER 64E-6, F.A.C. DEPARTMENT APPROVAL OF SYSTEM DOES NOT GUARANTEE SATISFACTORY PERFORMANCE FOR ANY SPECIFIC PERIOD OF TIME. ANY CHANGE IN MATERIAL FACTS, WHICH SERVED AS A BASIS FOR ISSUANCE OF THIS PERMIT, REQUIRE THE APPLICANT TO MODIFY THE PERMIT APPLICATION. SUCH MODIFICATIONS MAY RESULT IN THIS PERMIT BEING MADE NULL AND VOID. ISSUANCE OF THIS PERMIT DOES NOT EXEMPT THE APPLICANT FROM COMPLIANCE WITH OTHER FEDERAL, STATE, OR LOCAL PERMITTING REQUIRED FOR DEVELOPMENT OF THIS PROPERTY.

SYSTEM DESIGN AND SPECIFICATIONS

T [900] GALLONS / GPD Septic CAPACITY
A [] GALLONS / GPD N/A CAPACITY
N [] GALLONS GREASE INTERCEPTOR CAPACITY [MAXIMUM CAPACITY SINGLE TANK:1250 GALLONS]
K [] GALLONS DOSING TANK CAPACITY [] GALLONS @ [] DROPS PER 24 HRS #Pumps []

D [375] SQUARE FEET Drainfield SYSTEM
R [] SQUARE FEET N/A SYSTEM

A TYPE SYSTEM: [] STANDARD [x] FILLED [] MOUND []

I CONFIGURATION: [x] TRENCH [] BED []

N

F LOCATION OF BENCHMARK: Nail in 12" Pine tree North of system site.

I ELEVATION OF PROPOSED SYSTEM SITE [36.00] [INCHES] FT [] ABOVE / [] BELOW BENCHMARK/REFERENCE POINT

E BOTTOM OF DRAINFIELD TO BE [40.00] [INCHES] FT [] ABOVE / [] BELOW BENCHMARK/REFERENCE POINT

L

D FILL REQUIRED: [14.00] INCHES EXCAVATION REQUIRED: [0.00] INCHES

C The licensed contractor installing the system is responsible for installing the minimum category of tank in accordance with s. 64E-6.013(3)(f), FAC.

T

K

E

R

SPECIFICATIONS BY: PAUL LLOYD

TITLE: PSE

APPROVED BY:

Stanley Crawford

TITLE: Environmental Specialist

Columbia

CHD

DATE ISSUED: 08/08/2011

EXPIRATION DATE: 02/08/2013

DE 4016, 08/09 (obsoletes all previous editions which may not be used)

Incorporated: 64E-6.003, FAC

v 1.1.4

AP1043380

SE849678

Page 1 of 3

SF

CLYATT WELL DRILLING, INC.*(Established in 1971)**Post Office Box 180**Worthington Springs, FL 32697**Phone (386)496-2488 *** FAX (386)496-4640***WELL DESCRIPTION**

DESCRIPTION DATE

8/3/2011

CUSTOMER NAME AND ADDRESS

Stanley Crawford Construction, Inc.
1482 SW Commercial Glen
Lake City, Florida 32025

DESCRIPTION OF WORK

4" Well and Pump

DESCRIPTION

Feet 4" Well
1 HP Submersible Pump (18 GPM)
Feet 1-1/4" Drop Pipe
Feet 14/4 Submersible Pump Wire
4 X 1-1/4 Well Seal
81 Gallon Captive Air Tank (20 Gallon Drawdown)
Pressure Relief Valve
Controls and Fittings
Sales Tax @ 7%



The above description is provided to give a brief description of the water well to be constructed by Clyatt Well Drilling, Inc.

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER

1108-07

CONTRACTOR

Stanley Crawford

PHONE

752-5152

THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is **REQUIRED** that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

ELECTRICAL 380	Print Name: <u>Donald R Davis</u> License #: <u>EC 000 2306</u>	Signature: <u>Donald R Davis</u> Phone #: <u>386 623 0499</u>
MECHANICAL/A/C B 802	Print Name: <u>Clint Wilson</u> License #: <u>CAC057886</u>	Signature: <u>Clint Wilson</u> Phone #: <u>386-754-9408</u>
PLUMBING/GAS 441	Print Name: <u>Joseph W Davis Jr</u> License #: <u>CFCO 52304</u>	Signature: <u>Joseph W Davis Jr</u> Phone #: <u>386 454 1407</u>
ROOFING →	Print Name: <u>Stanley Crawford</u> License #: <u>000064</u>	Signature: <u>Stanley Crawford</u> Phone #: <u>386-752-5152</u>
SHEET METAL	Print Name: _____ License #: _____	Signature: _____ Phone #: _____
FIRE SYSTEM/SPRINKLER	Print Name: _____ License #: _____	Signature: _____ Phone #: _____
SOLAR	Print Name: _____ License #: _____	Signature: _____ Phone #: _____

Specialty License	License Number	Sub-Contractor's Printed Name	Sub-Contractor's Signature
MASON	000712	Colin Gay Masonry	<u>Colin Gay</u>
CONCRETE FINISHER	218	Jordan Concrete	<u>Jordan</u>
FRAMING 44	00042896	Stanley Crawford	<u>Stanley Crawford</u>
INSULATION	000741	SunCoast Insulators	<u>Clayton Bowen</u>
STUCCO	N/A	N/A	N/A
DRYWALL	N/A	N/A	N/A
PLASTER	C60042896	Stanley Crawford	<u>Stanley Crawford</u>
CABINET INSTALLER	000064	Stanley Crawford Const	<u>Stanley Crawford</u>
PAINTING	000064	Stanley Crawford Const	<u>Stanley Crawford</u>
ACOUSTICAL CEILING		N/A	N/A
GLASS	619	Lake City Glass	<u>Carl Ballard</u>
CERAMIC TILE 164	C60042896	Stanley Crawford	<u>Stanley Crawford</u>
FLOOR COVERING 164	C60042896	Stanley Crawford	<u>Stanley Crawford</u>
ALUM/VINYL SIDING	000312	Columbia Exteriors	<u>Paul Rein</u>
GARAGE DOOR	000619	Lake City Glass	<u>Carl Ballard</u>
METAL BLDG ERECTOR			

F. S. 440.103 Building permits; Identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER

1108-07

CONTRACTOR

Stanley Crawford
Construction

PHONE

352-752-5152

THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is **REQUIRED** that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

ELECTRICAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
MECHANICAL/ A/C	Print Name _____ License #: _____	Signature _____ Phone #: _____
PLUMBING/ GAS 955	Print Name <u>Robert E. Hamilton</u> License #: <u>CFC057315</u>	Signature <u>[Signature]</u> Phone #: <u>352-24521200</u>
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR	604		
METAL BLDG ERECTOR	CBC125116	LAMAR BEAR	[Signature]

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

Laurie Hodson

From: Ron Croft
Sent: Thursday, August 04, 2011 2:26 PM
To: Laurie Hodson; Janice Williams
Subject: Address Data

Received request to send info to you.

PARCEL_N	ADDRESS	CITY	ST	ZIP
11-4S-16-02911-329	162 SW LUCILE CT	LAKE CITY	FL	32024

Ronal N. Croft

Columbia County 911 Addressing / GIS Department
P.O. Box 1787

Lake City, FL 32056-1787

Phone: 386-758-1125

Fax: 386-758-1365

E-Mail: ron_croft@columbiacountyfla.com

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION: An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE: YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. It may be to your advantage to check and see if your property is encumbered by any restrictions.

(Owners Must Sign All Applications Before Permit Issuance.)

Stanley Cappel
Owners Signature

****OWNER BUILDERS MUST PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT.**

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.

Stanley Cappel
Contractor's Signature (Permitee)

Contractor's License Number RG0042896
Columbia County
Competency Card Number 64

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 3rd day of August 2011.
Personally known ✓ or Produced Identification ✓

Erika Cushman
State of Florida Notary Signature (For the Contractor)

SEAL



ERIKA CUSHMAN
MY COMMISSION # DD964084
EXPIRES March 26, 2014
(407) 398-0153 FloridaNotaryService.com

STANLEY CRAWFORD CONSTRUCTION, INC.

www.stanleycrawfordconstruction.com

1482 S.W. COMMERCIAL GLEN

PHONE: (386) 752-5152

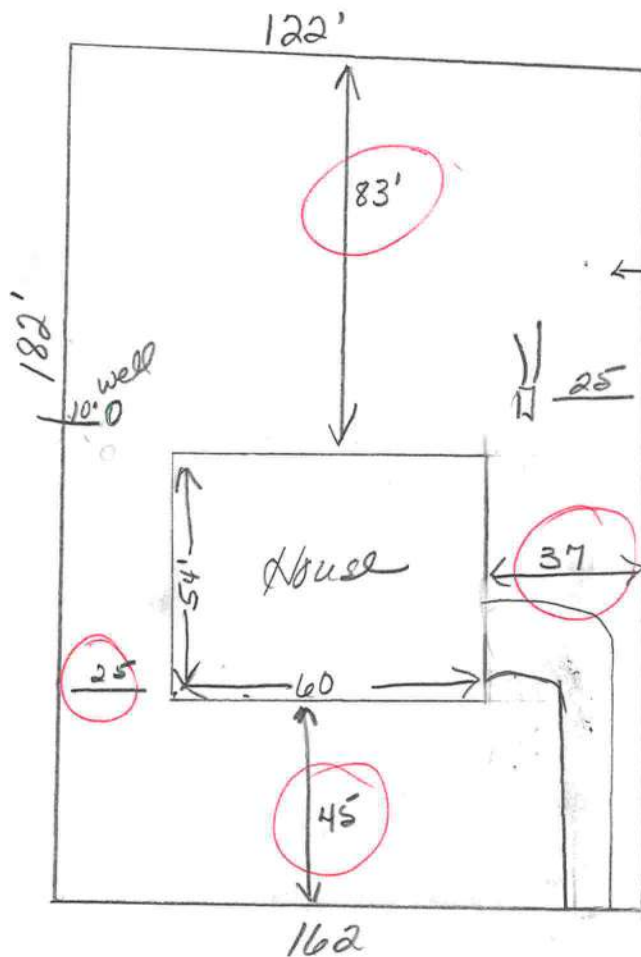
inquire@sccl83.com

LAKE CITY, FL 32025

FAX: (386) 755-2165

License #RG-0042896

Mayfair 29



Lucille Ct

ATS# 15834

Prepared by:
Michael H. Harrell
Abstract & Title Services, Inc.
283 NW Cole Terrace
Lake City, FL 32055

Warranty Deed

Individual to Individual

THIS WARRANTY DEED made the 14th day of June, 2006 by

Peter W. Giebelg, A Single Person

hereinafter called the grantor, to

Stanley Crawford Construction, Inc.

whose post office address is: 853 SW Sisters Welcome Road, Lake City, FL 32025
hereinafter called the grantee:

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporation)

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys, and confirms unto the grantee, all that certain land situate in COLUMBIA County, FLORIDA, viz: Parcel ID# P/O R02914-003

Lot 29, May-Fair Unit 3, a subdivision according to the plat thereof filed in Plat Book 8, Pages 84-85, of the Public Records of Columbia County, Florida.

TOGETHER with all tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

TO HAVE AND TO HOLD, the same in fee simple forever.

AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2005.

IN WITNESS WHEREOF, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Traci Landry
Witness

Printed Name Traci Landry

Doris M Drake
Witness

Printed Name Doris M Drake

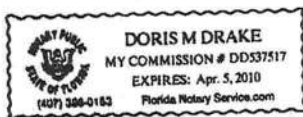
Peter W. Giebelg
Peter W. Giebelg

Inst:2006014632 Date:06/19/2006 Time:10:58
Loc Stamp-Deed : 434.00
DC, P. DeWitt Cason, Columbia County B:1087 P:180

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 14th day of June, 2006 by Peter W. Giebelg, A Single Person personally known to me or, if not personally known to me, who produced for identification and who did not take an oath.

(SEAL)



Doris M Drake
Notary Public

My Commission Expires:

Columbia County Property Appraiser

DB Last Updated: 6/22/2011

2010 Tax Year

Parcel: 11-4S-16-02911-329

<< Next Lower Parcel Next Higher Parcel >>

Tax Collector

Tax Estimator

Property Card

Parcel List Generator

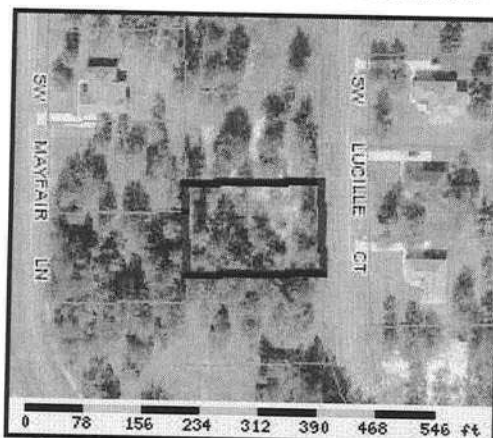
Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	STANLEY CRAWFORD CONSTRUCTION		
Mailing Address	1482 COMMERCIAL GLEN LAKE CITY, FL 32025		
Site Address	162 SW LUCILE CT		
Use Desc. (code)	VACANT (000000)		
Tax District	2 (County)	Neighborhood	11416
Land Area	0.510 ACRES	Market Area	06
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction. LOT 29 MAY-FAIR S/D UNIT 3. WD 1087-180.		



Property & Assessment Values

2010 Certified Values		
Mkt Land Value	cnt: (0)	\$23,200.00
Ag Land Value	cnt: (1)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$23,200.00
Just Value		\$23,200.00
Class Value		\$0.00
Assessed Value		\$23,200.00
Exempt Value		\$0.00
Total Taxable Value	Cnty: \$23,200 Other: \$23,200 Schl:	\$23,200

2011 Working Values

NOTE:
2011 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Show Working Values

Sales History

Show Similar Sales within 1/2 mile

Sale Date	OR Book/Page	OR Code	Vacant / Improved	Qualified Sale	Sale RCode	Sale Price
6/14/2006	1087/180	WD	V	Q		\$62,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1 LT - (0000000.510AC)	1.00/1.00/1.00/1.00	\$20,880.00	\$20,880.00

Columbia County Property Appraiser

DB Last Updated: 6/22/2011

CLYATT WELL DRILLING, INC.*(Established in 1971)**Post Office Box 180**Worthington Springs, FL 32697**Phone (386)496-2488 *** FAX (386)496-4640***WELL DESCRIPTION**

DESCRIPTION DATE

8/3/2011

CUSTOMER NAME AND ADDRESS

Stanley Crawford Construction, Inc.
1482 SW Commercial Glen
Lake City, Florida 32025

DESCRIPTION OF WORK

4" Well and Pump

DESCRIPTION

Feet 4" Well
1 HP Submersible Pump (18 GPM)
Feet 1-1/4" Drop Pipe
Feet 14/4 Submersible Pump Wire
4 X 1-1/4 Well Seal
81 Gallon Captive Air Tank (20 Gallon Drawdown)
Pressure Relief Valve
Controls and Fittings
Sales Tax @ 7%

The above description is provided to give a brief description of the water well to be constructed by Clyatt Well Drilling, Inc.

COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND ZONING

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 11-4S-16-02911-329

Building permit No. 000029626

Use Classification SFD/UTILITY

Fire: 70.62

Permit Holder W. STANLEY CRAWFORD

Waste: 184.25

Owner of Building STANLEY CRAWFORD CONSTRUCTION

Total: 254.87

Location: 162 SW LUCILLE CRT, LAKE CITY, FL 32024



Date: 11/09/2011

Key Co

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Columbia County Building Department Culvert Permit

Culvert Permit No.
000001904

DATE 08/12/2011 PARCEL ID # 11-4S-16-02911-329
APPLICANT MARY ANN CRAWFORD PHONE 386.752.5152
ADDRESS 1482 SW COMMERCIAL GLN LAKE CITY FL 32025
OWNER STANLEY CRAWFORD CONSTRUCTION PHONE 386.752.5152
ADDRESS 162 SW LUCILE COURT LAKE CITY FL 32024
CONTRACTOR W. STANLEY CRAWFORD PHONE 386.752.5152
LOCATION OF PROPERTY 90-W TO SR. 247-S, TL TO MAYFAIR S.D. TO MAYFAIR LN, TR TO LUCILE, TR
AND IT'S THE 2ND. LOT ON L.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT MAYFAIR 29 3

SIGNATURE



INSTALLATION REQUIREMENTS



Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
- b) the driveway to be served will be paved or formed with concrete.

Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other _____

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED
DURING THE INSTALLATION OF THE CULVERT.

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00



Columbia County Building Permit Application

For Office Use Only Application # 1108-07 Date Received 8/4/11 By LH Permit # 296261
 Zoning Official BLK Date 11 Aug 2011 Flood Zone X Land Use RES. Low Dens Zoning RSF-2
 FEMA Map # N/A Elevation N/A MFE 156 St. River N/A Plans Examiner T.C. Date 8-9-11
 Comments Elevation Confirmation Letter at slab
☒ NOC ☒ EH ☒ Deed or PA ☒ Site Plan ☐ State Road Info ☐ Parent Parcel # ☒ VF form ☒ 911 Address
☐ Dev Permit # ☐ In Floodway ☐ Letter of Auth. from Contractor ☒ F W Comp. letter
 IMPACT FEES: EMS _____ Fire _____ Corr _____ Road/Code Well letter
 School _____ = TOTAL _____ ☒ Manual J ☒ Truss

Septic Permit No. 11-0336 Fax 386-755-2105

Name Authorized Person Signing Permit Mary Ann Crawford Phone 386-752-5152

Address 1482 SW Commercial Glen, Lake City, FL 32025

Owners Name Stanley Crawford Construction Phone 386-752-5152

☒ 911 Address 162 SW Lucile Ct, Lake City, FL 32024

Contractors Name Stanley Crawford Phone 386-752-5152

Address 1482 SW Commercial Glen, Lake City, FL 32025

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Mark Disaway

Mortgage Lenders Name & Address N/A

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy

Property ID Number 11-45-16-02911-329 Estimated Cost of Construction 80,000

Subdivision Name Mayfair Lot 29 Block _____ Unit 3 Phase _____

Driving Directions US 90 W, L on 247, R on Mayfair Lane, R on Lucile Ct 2nd Lot on Left

Number of Existing Dwellings on Property 0

Construction of Single Family Dwelling Total Acreage .50 Lot Size 1/2 acre

Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 18'12"

Actual Distance of Structure from Property Lines - Front 45' Side 25' Side 37' Rear 83'

Number of Stories 1 Heated Floor Area 1650 Total Floor Area 2399 Roof Pitch 6/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

Spoke to Secretary 8-11-11 CKH
330



BRITT SURVEYING & ASSOCIATES

830 West Duval Street • Lake City, FL 32055
Phone (386) 752-7163 • Fax (386) 752-5573

Land Surveyors
and Mappers

Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: 536 SE BAY AVE

City: LAKE CITY FL Phone: 752-1703

Site Location: Subdivision MAY FAIR

Lot # 29 Block# 29626 Permit # 29626

Address 162 SW Lucile Court

Product used

Active Ingredient

% Concentration

☒ Premise

Imidacloprid

0.1%

☐ Termidor

Fipronil

0.12%

☐ Bora-Care

Disodium Octaborate Tetrahydrate

23.0%

Type treatment:

☒ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Doal (main body)

2399

224

200

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____

8-19-11
Date

0800
Time

James D. Parker
Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

©

minimum floor
ent ground elevation is
ons shown hereon are

29626

New Construction Subterranean Termite Service Record

OMB Approval No. 2502-0525
(exp. 02/29/2012)

This form is completed by the licensed Pest Control Company

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 GFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential, therefore, no assurance of confidentiality is provided.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control company and builder, unless stated otherwise.

Section 1: General Information (Pest Control Company Information)

Company Name: Florida Pest Control & Chemical Co.

Company Address: 535 SE Bay Dr. City: Lake City State: FL Zip: 32025

Company Business License No. 3480 Company Phone No. 386-752-1703

FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name Stanley Crawford Construction Phone No. 386-752-5152

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 162 SW Lucile Ct Lake City, FL 32025

Section 4: Service Information

Date(s) of Service(s) 8/18/11; 11/08/11

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Craw ☐ Other _____

Check all that apply:

☒ A. Soil Applied Liquid Termiticide

Brand Name of Termiticide: Premise EPA Registration No. 432-1331

Approx. Dilution (%): 0.1 Approx. Total Gallons Mix Applied: 246 Treatment completed on exterior: ☒ Yes ☐ No

☐ B. Wood Applied Liquid Termiticide

Brand Name of Termiticide: _____ EPA Registration No. _____

Approx. Dilution (%): _____ Approx. Total Gallons Mix Applied: _____

☐ C. Bait system Installed

Name of System _____ EPA Registration No. _____ Number of Stations Installed _____

☐ D. Physical Barrier System Installed

Name of System _____ Attach installation information (required)

Service Agreement Available? ☒ Yes ☐ No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments _____

Name of Applicator(s) James D. Parker; Bill Hendricks Certification No. (If required by State law) JE55238; JE3556

The applicator has used a product in accordance with the product label and state requirements. All materials and methods used comply with state and federal regulations.

Authorized Signature Philly Arnold Date Nov 8, 2011

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Form NPCA-98-B may still be used

form HUD-NPMA-98-B (08/2008)

DATE 08/12/2011

Columbia County Building Permit
This Permit Must Be Prominently Posted on Premises During Construction**PERMIT**
000029626

APPLICANT MARY ANN CRAWFORD PHONE 386.752.5152
ADDRESS 1482 SW COMMERCIAL GLN LAKE CITY FL 32025
OWNER STANLEY CRAWFORD CONSTRUCTION PHONE 386.752.5152
ADDRESS 162 SW LUCILE COURT LAKE CITY FL 32024
CONTRACTOR W. STANLEY CRAWFORD PHONE 386.752.5153

LOCATION OF PROPERTY 90-W TO SR. 247-S, TL TO MAYFAIRS S.D TO MAYFAOR LN, TR TO LUCILE, TR AND IT'S THE 2ND LOT ON L.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 119950.00
HEATED FLOOR AREA 1650.00 TOTAL AREA 2399.00 HEIGHT 18.00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC
LAND USE & ZONING RSF-2 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 11-4S-16-02911-329 SUBDIVISION MAYFAIR
LOT 29 BLOCK _____ PHASE _____ UNIT 3 TOTAL ACRES 0.50

000001904 _____ RG0042896 _____
Culvert Permit No. _____ Culvert Waiver _____ Contractor's License Number _____
18"X32"MITERED 11-0336 BLK _____ TC _____ N _____
Driveway Connection _____ Septic Tank Number _____ LU & Zoning checked by _____ Approved for Issuance _____ New Resident _____

COMMENTS: NOC ON FILE. MFE @ 156.00'.... ELEVATION CONFIRMATION LETTER NEEDED @ SLAB.

Check # or Cash 330**FOR BUILDING & ZONING DEPARTMENT ONLY**

Temporary Power _____ Foundation _____ Monolithic _____ (footer/Slab)
date/app. by _____ date/app. by _____ date/app. by _____
Under slab rough-in plumbing _____ Slab _____ Sheathing/Nailing _____
date/app. by _____ date/app. by _____ date/app. by _____
Framing _____ Insulation _____
date/app. by _____ date/app. by _____
Rough-in plumbing above slab and below wood floor _____ Electrical rough-in _____
date/app. by _____ date/app. by _____
Heat & Air Duct _____ Peri. beam (Lintel) _____ Pool _____
date/app. by _____ date/app. by _____ date/app. by _____
Permanent power _____ C.O. Final _____ Culvert _____
date/app. by _____ date/app. by _____ date/app. by _____
Pump pole _____ Utility Pole _____ M/H tie downs, blocking, electricity and plumbing _____
date/app. by _____ date/app. by _____ date/app. by _____
Reconnection _____ RV _____ Re-roof _____
date/app. by _____ date/app. by _____ date/app. by _____

BUILDING PERMIT FEE \$ 600.00 CERTIFICATION FEE \$ 12.00 SURCHARGE FEE \$ 12.00
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$ _____
FLOOD DEVELOPMENT FEE \$ _____ FLOOD ZONE FEE \$ _____ CULVERT FEE \$ 25.00 TOTAL FEE 699.00
INSPECTORS OFFICE _____ CLERKS OFFICE _____

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.



*Land Surveyors
and Mappers*

BRITT SURVEYING & ASSOCIATES

830 West Duval Street • Lake City, FL 32055
Phone (386) 752-7163 • Fax (386) 752-5573

L-21112

10/25/2011

C/o Stanley Crawford Construction

Re: Lot 29 Mayfair Unit 3 Permit #000029⁶²⁶~~202~~

To Whom It May Concern:

The elevation of the finished floor is found to be 159.18 feet. The minimum floor elevation is 156.00 feet per the building permit. The lowest adjacent ground elevation is 157.7 feet and the highest adjacent grade is 158.4 feet. All elevations shown hereon are based on the plat of record, which is NGVD 29.

L. Scott Britt
PLS 5757