PIONE PION	DATE 07/19	9/2010			Building Permit		PERMIT
ADDRESS	A DDI ICANE	MADY AN		be Frommently Posted			000028/30
OWNER STANLEY CRAWFORD PHONE 752-5152 FL 330234 ADDRESS 184 SW LUCILLE CT. LAKE CITY FL 33024 CONTRACTOR STANLEY CRAWFORD PHONE 752-5152 FL TOTAL ATTER AND ON STANLEY CRAWFORD PHONE 752-5152 FL 33024 TYPE DEVELOPMENT SEDUTILITY ESTIMATED COST OF CONSTRUCTION 11800-00 TOTAL AREA 2360.00 HEIGHT STORIES 1 FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB HIGH SEARCH ROUTH THE SEARCH ROUTH ROUTH THE SEARCH RO			5.00 (10.0	LCLEN		/52-5152	- 22025
ADDRESS				IL GLEN	-	752 5152	FL 32023
CONTRACTOR STANLEY CRAWFORD PHONE 752-5152		50.00005V	Security Institute Alegania Contractoria Compania			732-3132	– EI 32024
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FOUNDATION	DOC.TTOTO O				in Di in Di Cibbb (,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	·
Real	TYPE DEVELO	OPMENT	SFD,UTILITY	ES	STIMATED COST OF CO	NSTRUCTION	118000.00
MAX. HEIGHT 17	HEATED FLO	OR AREA	1600.00	TOTAL AR	EA 2360.00	HEIGHT	STORIES 1
Minimum Set Back Requirements STREET-FRONT 25.00 REAR 15.00 SIDE 10.00	FOUNDATION	CONC	WAI	LLS FRAMED	ROOF PITCH 6/12	F	LOOR SLAB
NO. EX.D.U. 0	LAND USE &	ZONING	RSF-2		MAX	. HEIGHT	17
DARCEL ID	Minimum Set E	Back Require	ments: STREET	25.00 25.00	REAR	15.00	SIDE 10.00
Dot	NO. EX.D.U.	0	FLOOD ZONE	<u>x</u>	DEVELOPMENT PERI	MIT NO.	
Noncolor	PARCEL ID	11-48-16-0)2911-328	SUBDIVISIO	ON MAYFAIR		
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor	LOT 28	BLOCK	PHASE	UNIT	TOTA	AL ACRES	0.50
Diversity Div	000001838	CONTRACTOR OF THE		RG0042896	mr. (1-0
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident	Culvert Permit ?	No.	Culvert Waiver	Contractor's License Nu	mber	Applicant/Owne	er/Contractor
AT SLAB, NOC ON FILE	CULVERT		10-325	ВК		łD	<u>Y</u>
Check # or Cash 2283	Driveway Conn	ection	Septic Tank Numbe	r LU & Zon	ing checked by App	proved for Issuar	nce New Resident
FOR BUILDING & ZONING DEPARTMENT ONLY FOR BUILDING & ZONING DEPARTMENT ONLY Foundation date/app. by date/app. by date/app. by date/app. by Check # or Cash FOR BUILDING & ZONING DEPARTMENT ONLY (footer/Slab) Monolithic date/app. by date/app. by date/app. by Check # or Cash (footer/Slab) Monolithic date/app. by date/app. by date/app. by Determing date/app. by Rough-in plumbing above slab and below wood floor Check # or Cash Annolithic date/app. by date/app. by Determing date/app. by Check # or Cash (footer/Slab) Monolithic date/app. by Determing date/app. by Determing date/app. by Check # or Cash (footer/Slab) Determing date/app. by Determing date/app. by Determine date/app. by Det							
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Temporary Power			50' PER PLAT, ELEV	VATION CONFIRMAT	ION LETTER REQUIRE	D	· ·
Foundation Gate/app. by Gate/a			50' PER PLAT, ELE	VATION CONFIRMAT	ION LETTER REQUIRE		Cash 2283
Mate/app. by Mate						Check # or 0	
Collection Col	AT SLAB, NOO	ON FILE		UILDING & ZONI	NG DEPARTMENT	Check # or C	
Color Colo	AT SLAB, NOO	ON FILE	FOR B	UILDING & ZONI	NG DEPARTMENT	Check # or C	(footer/Slab)
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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.



CCUPANCY

COLUMBIA COUNTY, FLORIDA

partment of Building and Zoning nspection

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-16-02911-328

Building permit No. 000028730

Fire:

12.84

Use Classification SFD,UTILITY

Permit Holder STANLEY CRAWFORD

Waste: 33.50

Owner of Building STANLEY CRAWFORD

Date: 08/05/2011

Location:

184 SW LUCILLE COURT, LAKE CITY,FL 32024

Total: 46.34

10.64

Building Inspector

POST IN A CONSPICUOUS PLACE (Business Places Only)



BRITT SURVEYING & ASSOCIATES

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

BLK and

08/09/10

L-20525

Re: Permit #28730

To Whom It May Concern:

C/o: Stanley Crawford

Re: Lot 28 in Unit 3 of May-Fair

The elevation of the finished floor of the slab is found to be 160.76 feet. The minimum floor elevation as per the Columbia County Building Department is established to be 160.00 feet. The highest adjacent grade on the proposed building area is 159.8 feet and the lowest adjacent grade is 159.3 feet. There is a benchmark set in a power pole at the corner of lots 27 & 28 whose elevation is 161.50 feet. The elevations shown hereon are based on NGVD 29 being the same datum as the plat of record..

L. Scott Britt PLS #5757

Columbia County Building F	Permit Application CK# 2783
For Office Use Only Application # 1607-07 Date Rec	eived 7/7/16 By T Permit # 28730
Zoning Official (52K Date/5.07.10 Flood Zone	Land Heartes Law Toning OSF-2
FEMA Map # N/A Elevation M/A MFE/60 River	NA Plans Examiner D Date 7-14-10
Comments/ Like your Contiguent in Letter Construction Required	and at Slab
Dev Permit #	
Dev Permit # In Floodway Letter of Aur IMPACT FEES: EMS Fire Corr	
School = TOTAL MA S.	
Septic Permit No	Fax 386-755-2165
Name Authorized Person Signing Permit Mary Ann Craw	Phone 386-752-5152
Address 1482 SW Commercial Glew Lake	e C.ty, FL 32025
Owners Name Stanley Crawford	Phone
911 Address 184 SW Lucille Ct, Lake	City, FL 32024
Contractors Name Stenley Crowfold	Phone 386-752-515 2
Address 1482 SW Commercial Glen,	Lake City, FC 32025
Fee Simple Owner Name & Address	
Bonding Co. Name & Address	
Architect/Engineer Name & Address Mark Disawa	cis
Mortgage Lenders Name & Address	
Circle the correct power company - FL Power & Light - Clay Ele	Suwannee Valley Elec Progress Energy
Property ID Number 11-45-16-02911-328 Estin	nated Cost of Construction85
Subdivision Name May Sair	Lot 28 Block Unit 3 Phase
Driving Directions 90 W to 247 go over	Oberpass turn L (mayfain
isto Mayfair goto Lucille Ct	1st house on R LANE
4Th on 18ft Numb	per of Existing Dwellings on Property
Construction of Single family	Total Acreage Lot Size
Do you need a - <u>Culvert Permit</u> or <u>Culvert Waiver</u> or <u>Have an Exist</u>	
Actual Distance of Structure from Property Lines - Front Si	de 31/2 Side 31/2 Rear 92.8
Number of Stories Heated Floor Area Total F	Floor Area <u>2360</u> Roof Pitch <u>6/12</u>
Application is hereby made to obtain a permit to do work and install installation has commenced prior to the issuance of a permit and the of all laws regulating construction in this jurisdiction.	lations as indicated. I certify that no work or lat all work be performed to meet the standards Eff messace Ann 7 15 10 Ann 7 15 Ann 7 Ann
2100	044-An 10 7/15/10
IIII	711 7/12/1

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.

<u>TIME LIMITATIONS OF PERMITS:</u> 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 COMMENCMENT 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.

Cha Call

(Owners Must Sign All Applications Before Permit Issuance.)

Owners Signature **OWNER BUILDERS MUS	T PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT.
<u>CONTRACTORS AFFIDAVIT:</u> By my signature I underst written statement to the owner of all the above written this Building Permit including all application and permitation.	tand and agree that I have informed and provided this en responsibilities in Columbia County for obtaining mit time limitations.
Stanley Aavford 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 $\frac{7^{1/2}}{200}$ day of July 2010.
Personally known or Produced Identification State of Florida Notary Signature (For the Contractor)	SEAL: Notary Public State of Florida Lisa L Mannacci My Conimission DD749087 Expires 06/20/2011

3867552165

SUBCONTRACTOR VERIFICATION FORM

	01 1 00 00	PHONE 750-5752
APPLICATION NUMBER_	201111111111111111111111111111111111111	PHONE_/_30-3/30
	THIS FORM MUST BE SUBMITTED PRIOR TO THE ASSLANCE OF A PERMIT	

In Columbia County one permit will cover all trades doing work at the permitted site. It is <u>REQUIRED</u> that we have records of the subcontractors who actually did the trade specific work under the permit. Per Horida 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 affice prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

ELECTRICAL	Print Nam	e Donald K	Davs	Signature 🗸	red K-Da
	License #:	T-		Pho	ne #: 386 623 0499
MECHANICAL/	Print Nam License #:		1886	SignaturePhor	Int 112 ne#: 386.754-9408
PLUMBING/ GAS	Print Nam License #:	122	57304 p		James 186 454 1407
ROOFING	Print Name License #:	Stenley C	100064		Starley Cruford ne #: 386-755-5152
SHEET METAL	Print Name	e_/		SignaturePho	ne #:
FIRE SYSTEM/ SPRINKLER	Print Nam License#:			SignaturePho	ne #:
SOLAR	Print Nam License #:			SignaturePho	ne #:
Specialty Fi	CW113/2	License Mumbo	r Sub-Contracto	es Printed Name	hab-Contractors Signature
MASON		000712	Colin Ga-, M	losenery	(clarifay)
CONCRETE FIN	ISHER	218	Jardon Ca	mcrete	Jany Jade
FRAMING		CC0042896	Stanley Ca	adad	Stender (10 for al
HISULATION		000741	SunCoast	Insulator3	Satzy Bowen
STUCCO		No	N/A		1
DRYWALL		//			1 /
PLASTER		C6004289	4 Stanley Co	awford	Stanley Gardel
CABINET INSTA	LLER	000064	Stoolen Cra	whold Const	Stenley Clay -11
PAINTING		6000664	Stenley Oran	C 1 0 1	Starley land - of
ACOUSTICAL C	EILING		I N	14	
GLASS	7 5	619	Lake City 6	10.55	Call Billed
CERAMIC TILE		CG0045894	1 1 1 1	stold	Starley Clark
FLOOR COVERI				wford	She la Cant
LUCK COAEVI	NG	E 6 004 18 41			
		0003/2			Paul R
ALUM/VINYL SI	DING	0003/2	Columbia &	rteriors	You Ring

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	CONTRACTOR Storley Craw Sold PHONE 750-5752
	THIS FORM MUST BE SUBMITTED PRIOR TO THIS ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is <u>REQUIRED</u> 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.

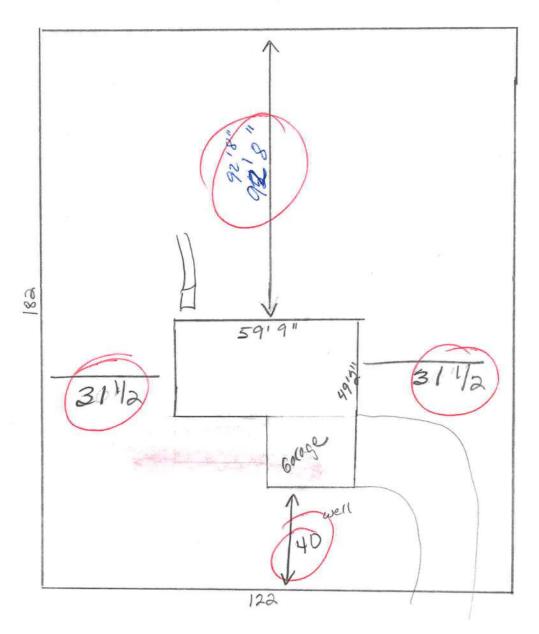
Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

OK	Print Name Dona Co	R Davs	O	W M Co
380	License #: EC OOL		Signature Pho	ne #: 386 623 0499
MECHANICALI		57886	SignaturePhor	Int fule 186.754-9408
GAS 441	Print Name Jos License #: CFCo			12# 386 454 1407
ROOFING	Print Name		Phor	ne #:
SHEET METAL	Print Name		Signature_Pi-or	TE D.
FIRE SYSTEM/ SPRINKLER	Print Name Ucense#:		SignaturePhor	ne #:
SOLAR	Print NameLicense #:		SignaturePhor	ne #:
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FRAMING INSULATION STUCCO DRYWALL PLASTER CABINET INSTA PAINTING	014 CG004289 014 CG004289 LLER 014 000064 014 000064	Stanley CA SunCoast N/A Stanley C/ Stanley C/au Stanley C/au	Insulators autord Soid Clast IA	Starley Gang - of Starley Gang - of Starley Gang - of
FRAMING MISULATION STUCCO DRYWALL PLASTER CABINET INSTA PAINTING ACOUSTICAL CE	0/C 000 74 0/C 000 74 0/C 000069 0/C 000069 0/C 000069 0/C 000069	Stanley CA SunCocst N/A Stanley CA Stanley CA Stanley CA Stanley CA NI Lake City G	Insulators multiple model m	Starley Ganger of Starley Grand of Starl
FRAMING INSULATION STUCCO DRYWALL PLASTER CABINET INSTA PAINTING ACOUSTICAL CE	0/4 CG004289 D/4 CG004289 LLER D/4 000064 0/4 000069 EILING	Stanley CA SunCocst NA 94 Stanley CA Stanley Can Stanley Can NI Lake City Gar	Engulators Engulators Engulators Ford Const Ford Const I PA loss	Starley Ganford Starley Ganford Starley Ganford Starley Ganford Starley Ganford
FRAMING INSULATION STUCCO DRYWALL PLASTER CABINET INSTA PAINTING ACOUSTICAL CE GLASS CERAMIC TILE	OL CG004289 OL CG004289 LLER OL 000064 OL 600664 CHING OL 618 OL CG004289 NG OL CG004289	Stanley CA SunCocst NA Stanley CA Stanley Craw Stanley Craw NA Lake City Gar U Stanley Craw	Ensulators Ensulators Food Clanst IA- lass Local	Starley Cray of Starley Cray of Starley Cray of Starley Cray of
FRAMING INSULATION STUCCO DRYWALL PLASTER CABINET INSTA PAINTING ACOUSTICAL CE GLASS CERAMIC TILE	0/4 CG004289 D/4 CG004289 LLER D/4 000064 0/4 000069 EILING	Stanley CA SunCocet N/A Stanley Craw Stanley Craw NI Lake C.+2 G & Stanley Craw Columbia E	Ensulators Ensulators Food Clanst IA- lass Local	Starley Ganfal

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.

Stanley Crawford Construction, Inc. 1482 S.W. Commercial Glen Lake City, FL 32025 Phone 386-752-5152 Fax 386-755-2165

Lot 28 MaySeir



184 SW Lucille Ct

LYNCH WELL DRILLING, INC.

173 SW Tustenuggee Ave Lake City, FL. 32025 Phone 386-752-6677 Fax 386-752-1477

Building Permit # Owner's Name	
Well DepthFt. Casing DepthFt. Water L	evelFt.
Casing Size 4 inch Steel Pump Installation: Deep Well	Submersible
Pump Make Scharfer Pump Model 205V 15L	1-2630P_/
System Pressure (PSI)OnOff Ave	erage Pressure
Pumping System GPM at average pressure and pumping level	(GPM)
Tank Installation: Bladder V Galvanized Make Challer Model PC 244 Size 8/	ger
Tank Draw-down per cycle at system pressure	
I HEREBY VERTIFY THAT THIS WATER WELL SYST INSTALLED AS PER THE ABOVE INFORMATION.	TEM HAS BEEN
-	nda Newcomb nt Name
2609 License Number Da	te

STATE OF F	LORIDA
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	ng information
Is provided in this Notice of Commencement.	

1. Description of property:

Mayfair Lot 28, Unit III

184 S.W. Lucille Court, Lake City, Fl 32024

- General description of improvement: Construction of Dwelling
- Owner Name & Address:

Stanley Crawford Construction, Inc.

1482 SW Commercial Glen, Lake City, Fl 32024

- Interest in property: Fee Simple
- Name and address of fee simple title holder (if other than owner): NONE

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:

t:201012010412 Date:6/30/2010 Time:9:06 AM DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1197 P:19

- 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).

ERIKA CUSHMAN MY COMMISSION # DD964084 The foregoing instrument was acknowledged before me this 29 _, 20**0**0, by STANLEY who are personally known to me and who did not take an oath.

Notary Public

My Commission Expires: 3-26-2014

STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES
ONSITE SEWAGE DISPOSAL SYSTEM
CONSTRUCTION PERMIT
Authority: Chapter 381, FS & Chapter 10D-6, FAC

PERMIT # 9702

DATE PAID \$ 3/0

RECEIPT # 09-493

10-0335 970860 103-110 310.00 1357057

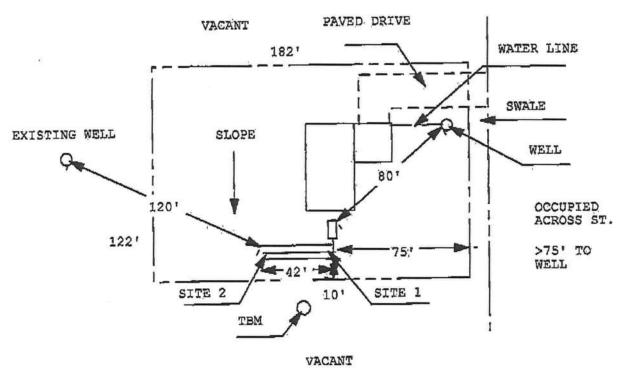
CONSTRUCTION PERMIT FOR: [X] New System [] Existing System [] Holding Tank [] Temporary/Experimental System [] Repair [] Abandonment. [] Other(Specify)
APPLICANT: STANLEY CRAWFORD CONSTRUCTION AGENT: STANLEY CRAWFORD CONSTRUCTION INC.
PROPERTY STREET ADDRESS: 184 SW LUCILLE CT.
LOT: 28 BLOCK: SUBDIVISION: MAY-FAIR UNIT 3
PROPERTY ID #: 11-4S-16-02911-328 [SECTION/TOWNSHIP/RANGE/PARCEL NO.] [OR TAX ID NUMBER]
SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS AND STANDARDS OF CHAPTER 10D-6, FAC SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS AND STANDARDS OF CHAPTER 10D-6, FAC REPAIR PERMITS AND HOLDING TANK PERMITS EXPIRE 90 DAYS FROM THE DATE OF ISSUE. HRS APPROVAL OF SYSTEM DOES NOT GUARANTEE SATISFACTORY EXPIRE 18 MONTES FROM THE DATE OF ISSUE. HRS APPROVAL OF SYSTEM DOES NOT GUARANTEE SATISFACTORY EXPIRED TO 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.
SYSTEM DESIGN AND SPECIFICATIONS
T [900] [GALLONS / GPD] SEPTIC TANK CAPACITY MULTI-CHAMBERED/IN SERIES:[] A [] [GALLONS / GPD] CAPACITY MULTI-CHAMBERED/IN SERIES:[] N [0] GALLONS GREASE INTERCEPTOR CAPACITY [MAXIMUM CAPACITY SINGLE TANK; 1250 GALLONS] K [] GALLONS PER DOSE DOSING TANK CAPACITY DOSE RATE [N] PER 24 HRS NO. OF PUMPS; [N]
D [375.0] SQUARE FEET PRIMARY DRAINFIELD SYSTEM R [] SQUARE FEET SYSTEM A TYPE SYSTEM: [X] STANDARD [] FILLED [] MOUND [] I CONFIGURATION: [X] TRENCH [] BED []
F LOCATION OF BENCHMARK: NAIL IN 24" PINE SOUTH OF SYSTEM SITE I ELEVATION OF PROPOSED SYSTEM SITE IS [24 1 INCHES BELOW BENCHMARK/REFERENCE POINT E BOTTOM OF DRAINFIELD TO BE [38] INCHES BELOW BENCHMARK/REFERENCE FOINT L D FILL REQUIRED: [4] INCHES EXCAVATION REQUIRED: [0.0] INCHES
O T H B R
SPECIFICATIONS BY: Paul Lloyd TITLE: Soil Scientist
APPROVED BY: Salle Jerol TITLE: EHDIR ON COLUMBIA CPHU
DATE ISSUED: 16-10
HRS-H Form 4016 March 1992 (Obsoletes Previous Editions Which May Not Be Used) Page 1 of 2

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan Permit Application Number: 10-03-5

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

CR# 09-4939





1 inch = 50 feet

Site Plan Submitted By Paul	Ray	Date	6/29/10
Site Plan Submitted By Coul. Plan Approved Not Approve	edDat	e	
By Sollie Yord, EHD	1) Redor	_C _{0//}	CPHU
Notes:		MINDS	
	<u> </u>	- "0)	Chyn

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. Giebeig, 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 28, 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:

stanley crawford

Project Name:

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Builder:

Project Name: Address: City, State: Owner: Climate Zone:	Lot: 7, Sub: n lake city, fl	nayfair, Plat:	Permit Number: Z 8	730 21000
a. U-factor:	rulti-family if multi-family oms e? area (fi²) rea: (Label reqd. by i ble DEFAULT) 7a. DEFAULT) 7b. lege Insulation	New Single family 1 3 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	12. Cooling systems a. Central Unit b. N/A c. N/A 13. Heating systems a. Electric Heat Pump b. N/A c. N/A 14. Hot water systems a. Electric Resistance b. N/A c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	Cap: 30.0 kBtm/hr
Glass	s/Floor Area: 0	7-7	t points: 23093 PASS	

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. PREPARED BY:	Review of the specifications calculation in with the Florid Before construction by this building with the specific construction in t
I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.	compliance w Florida Statut
OWNER/AGENT:	BUILDING
DATE:	DATE:

stanley crawford- lot 7 mayfair

plans and covered by this dicates compliance da Energy Code. uction is completed vill be inspected for ith Section 553.908

OFFICIAL:



1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4. EnergyGauge® (Version: FLRCSB v4.5)

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7, Sub: mayfair, Plat: , lake city, fl, PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: 3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	1
Exterior & Adjacent Walls	606.1.ABC.1.2.1	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	606.1.ABC.1.2.2	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	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of 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	606.1.ABC.1.2.4	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 rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1,ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked cir breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	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%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7, Sub: mayfair, Plat: , lake city, fl, PERMIT #:

BASE					33	AS-BUILT									
WATER HEA Number of Bedrooms	TING	i Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	х	Tank X Ratio	Multiplier	X Credit Multiplier				
3		2635.00		7905.0	50.0	0.90	3		1.00	2693.56	1.00	8080.7			
					As-Built To	rtal:						8080.7			

	CODE COMPLIANCE STATUS												
	BASE						AS-BUILT						1117
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
6181		9286		7905		23372	5577		9435		8081		23093

PASS



WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7, Sub: mayfair, Plat: , lake city, fl, PERMIT #:

	BASE		AS-BUILT								
Winter Base	Points:	16762.3	Winter As-Built Points:	17049.4							
Total Winter X Points	System = Multiplier	Heating Points	Total X Cap X Duct X System X Credit Component Ratio Multiplier Multiplier Multiplier (System - Points) (DM x DSM x AHU)	= Heating Points							
16762.3	0.5540	9286.3	(sys 1: Electric Heat Pump 29000 btuh ,EFF(7.7) Ducts:Unc(S),Unc(R),Gar 17049.4 1.000 (1.069 x 1.169 x 1.00) 0.443 1.000 17049.4 1.00 1.250 0.443 1.000	(AH),R6.0 9435.5 9435.5							

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7, Sub: mayfair, Plat: , lake city, fi,

PERMIT #:

BASE	AS-BUILT							
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area	Type/SC O	Overhar rnt Le	ng n Hgt	Area X	WPI	их	wor	= Points
.18 1603.0 20.17 5820.0	1. Double, Clear	E 2.0	0 0.00	61.0	18.79	-	1.08	1241.0
	2.Double, Clear	W 2.0		75.0	20.73	-	1.06	1646.0
	3.Double, Clear	S 2.0	No.	12.0	13.30		1.40	223.0
	4. Double, Clear	N 2.0	5.0	51.0	24.58	5	1.01	1261.0
	As-Built Total:			199.0			· primario in the	4371.0
WALL TYPES Area X BWPM = Points	Туре	4	R-Value	e Area	X	NPM	=	Points
Adjacent 260.0 3.60 936.0	1. Frame, Wood, Adjacent		13.0	260.0		3.30		858.0
Exterior 1300.0 3.70 4810.0	2. Frame, Wood, Exterior		13.0	1300.0		3.40		4420.0
Base Total: 1560.0 5746.0	As-Built Total:			1560.0				5278.0
DOOR TYPES Area X BWPM = Points	Туре			Area	x \	NPM	=	Points
Adjacent 18.0 11.50 207.0	1.Adjacent Insulated			18.0		8.00		144.0
Exterior 54.0 12.30 664.2	2.Exterior Insulated			54.0		8.40		453.6
Base Total: 72.0 871.2	As-Built Total:			72.0	e de la composition della comp			597.6
CEILING TYPES Area X BWPM = Points	Туре	R-Val	ue Ar	rea X W	PM X	WC	M =	Points
Under Attic 1603.0 2.05 3286.1	1. Under Attic		19.0	100.0	2.70 X	1.00		270.0
	2. Under Attic		30.0	1603.0	2.05 X	1.00		3286.1
Base Total: 1603.0 3286.1	As-Built Total:			1703.0	2017			3556.1
FLOOR TYPES Area X BWPM = Points	Туре	F	R-Value	Area	χV	NPM	=	Points
Slab 223.0(p) 8.9 1984.7	1. Slab-On-Grade Edge Insulation	on	0.0	223.0(p	t	8.80		4192.4
Raised 0.0 0.00 0.0								
Base Total: 1984.7	As-Built Total:			223.0			los.	4192.4
INFILTRATION Area X BWPM = Points				Area	x V	VPM	=	Points
1603.0 -0.59 -945.8		22.		1603.0)	-0.59		-945.8

EnergyGauge® DCA Form 600A-2004R

EnergyGauge®/FlaRES'2004 FLRCSB v4.5

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7, Sub: mayfair, Plat: , lake city, fl, PERMIT #:

	BASE		AS-BUILT								
Summer Ba	se Points:	19017.4	Summer As-Built Points:	18058.4							
Total Summer Points	X System Multiplier	= Cooling Points	Total X Cap X Duct X System X Cred Component Ratio Multiplier Multiplier Multip (System - Points) (DM x DSM x AHU)								
19017.4	0.3250	6180.7	(sys 1: Central Unit 30000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Gar(AH),F 18058 1.00 (1.09 x 1.147 x 1.00) 0.260 0.95 18058.4 1.00 1.250 0.260 0.95	50 5576.6							

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7, Sub: mayfair, Plat: , lake city, fl,

PERMIT #:

BASE	AS-BUILT								
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area		verhang t Len Hgt	Area X SPM	X SOF	= Points				
.18 1603.0 18.59 5364.0	1.Double, Clear E		61.0 42.06		2044.0				
	2.Double, Clear W	집 - 미릿(())()	75.0 38.52		2309.0				
	3.Double, Clear S		12.0 35.87		311.0				
	4. Double, Clear N	2.0 5.0	51.0 19.20	0.87	852.0				
	As-Built Total:		199.0		5516.0				
WALL TYPES Area X BSPM = Points	Туре	R-Value	Area X	SPM =	Points				
Adjacent 260.0 0.70 182.0	1. Frame, Wood, Adjacent	13.0	260.0	0.60	156.0				
Exterior 1300.0 1.70 2210.0	2. Frame, Wood, Exterior	13.0	1300.0	1.50	1950.0				
Base Total: 1560.0 2392.0	As-Built Total:		1560.0		2106.0				
DOOR TYPES Area X BSPM = Points	Туре		Area X	SPM =	Points				
Adjacent 18.0 2.40 43.2	1.Adjacent Insulated		18.0	1.50	28.8				
Exterior 54.0 6.10 329.4	2.Exterior Insulated		54.0	4.10	221.4				
Base Total: 72.0 372.6	As-Built Total:		72.0		250.2				
CEILING TYPES Area X BSPM = Points	Туре	R-Value A	rea X SPM >	(SCM =	Points				
Under Attic 1603.0 1.73 2773.2	1. Under Attic	19.0	100.0 2.34 X 1	1.00	234.0				
100 MBAC CORP. (2000)	2. Under Attic	30.0	1603.0 1.73 X 1	.00	2773.2				
Base Total: 1603.0 2773.2	As-Built Total:		1703.0		3007.2				
FLOOR TYPES Area X BSPM = Points	Туре	R-Value	Area X S	SPM =	Points				
Slab 223.0(p) -37.0 -8251.0	1. Slab-On-Grade Edge Insulation	0.0 2	223.0(p -41	.20	-9187.6				
Raised 0.0 0.00 0.0									
					-				
Base Total: -8251.0	As-Built Total;		223.0		-9187.6				
INFILTRATION Area X BSPM = Points			Area X S	SPM =	Points				
1603.0 10.21 16366.6			1603.0 1	0.21	16366.6				

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.8

The higher the score, the more efficient the home.

, Lot 7, Sub: mayfair, Plat , lake city, fl,

1.	New construction or existing	New	80	12.	Cooling systems		
2.	Single family or multi-family	Single family	_	a.	Central Unit	Cap: 30.0 kBtu/hr	_
3.	Number of units, if multi-family	ī				SEER: 13.00	5000000 50000000
4.	Number of Bedrooms	3		b.	N/A		
5.	Is this a worst case?	Yes	_				-
6.	Conditioned floor area (ft²)	1603 ft²		C.	N/A		_
7.	Glass type 1 and area: (Label reqd.		_				-
6050	U-factor:			13	Heating systems		_
a.	(or Single or Double DEFAULT)	Description Area			Electric Heat Pump	Cap: 29.0 kBtu/hr	
L	SHGC:	/ (Doie Detaun) 199.0 II	_	a.	Electric Heat I disp	HSPF: 7.70	_
U.	(or Clear or Tint DEFAULT)	76 (01) 100 0 03		h	N/A	11011.7.70	_
		7b. (Clear) 199.0 ft ²	_	D.	IVA		_
	Floor types Slab-On-Grade Edge Insulation	R=0.0, 223.0(p) ft		-	N/A		_
	N/A	R-0.0, 223.0(p) It	_	C.	NA		
	N/A		_	14	Hot water systems		_
			-		Electric Resistance	Cap: 50.0 gallons	
9.	Wall types	D 12 0 200 0 02		a.	Electric Resistance	EF: 0.90	_
	Frame, Wood, Adjacent	R=13.0, 260.0 ft ²		15	****	EF: 0.90	-
	Frame, Wood, Exterior	R=13.0, 1300.0 ft ²	_	b.	N/A		-
	N/A		_				_
	N/A		_	75.5	Conservation credits		-
1,775	N/A		-		(HR-Heat recovery, Solar		
	Ceiling types				DHP-Dedicated heat pump)		
-900-0	Under Attic	R=19.0, 100.0 ft ²	_		HVAC credits	CF,	_
ъ.	Under Attic	R=30.0, 1603.0 ft ²	_		(CF-Ceiling fan, CV-Cross ventilation,	İ	
C.	N/A		_		HF-Whole house fan,		
11.	Ducts				PT-Programmable Thermostat,		
a.	Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 112.0 ft	_		MZ-C-Multizone cooling,		
b.	N/A		_		MZ-H-Multizone heating)		
	tify that this home has complie					THE STAN	
	struction through the above ene					30	à
	is home before final inspection.		Display	Caro	l will be completed	18/30	A B
base	d on installed Code compliant t	features.					21
Buik	ler Signature:		Date:			18	9
Addı	ress of New Home:		City/F	7 ·-			
			July 1			OWETH	
NO:	TE: The home's estimated ener	gy performance score is	only av	ailat	le through the FLA/RES compute	er program.	

*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is <u>not</u> a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar ^{IM}designation), your home may qualify for energy efficiency mortgage (EEM) 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 www.fsec.ucf.edu 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.

Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4. EnergyGauge® (Version: FLRCSB v4.5)

APPLICATION NUM		3730	CONTRACTOR_	COLIVE	Crawford 3800-	 J29		
Ordinance 89-6 exemption, ger Any changes, t	subcontrac 5, a contrac neral liabili he permitt	permit will cover a grors who actually ctor shall require ty insurance and a gred contractor is a	did the trade specifical subcontractors to a valid Certificate of esponsible for the c	at the permit ic work under provide evide Competency I orrected form	itted site. It is <u>REQUIRED</u> that we have in the permit. Per Florida Statute 440 and lence of workers' compensation or license in Columbia County. In being submitted to this office prior to powerk orders and/or fines.			
ELECTRICAL	Print Name	e		Signature	ePhone #:			
MECHANICAL/ A/C	-	9		Signature	****			
PLUMBING/ GAS	Print Name License #:		Han: 149	Signature	Phone #: 352-24521700	_		
ROOFING	Print Name License #:			SignaturePhone #:				
SHEET METAL	License #:			SignaturePhone #:				
FIRE SYSTEM/ SPRINKLER	Print Name License#:	•		SignaturePhone #:				
SOLAR	Print Name License #:			SignaturePhone #:				
Specialty Lie	cense	License Number	Sub-Contracto	rs Printed Name	ne Sub-Contractors Signature			
MASON								
CONCRETE FIN	ISHER							
FRAMING		*		,				
INSULATION								
STUCCO								
DRYWALL				2.000				
PLASTER	i							
CABINET INSTA	LLER	30.0.0000000000000000000000000000000000						
PAINTING								
ACOUSTICAL CE	EILING							
GLASS								
CERAMIC TILE								
FLOOR COVERI	NG			90. 1 - ()		\neg		
ALUM/VINYL SI	DING					$\neg \neg$		
GARAGE DOOR	-	Vanish Vanish Control				\neg		

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.

Contractor form: 6/03

METAL BLDG ERECTOR

Columbia County Building Department Culvert Permit

Culvert Permit No.

000001838

DATE 07/1	19/2010	PARCEL II	D# 11-4S-16-02911	-328			
APPLICANT	MARY ANN CR	AWFORD		PHONE	752-5152		
ADDRESS _	1482 SW COM	MERCIAL GLEN	LAKE	CITY	<u> </u>	FL	32025
OWNER ST	TANLEY CRAWFO	ORD		PHONE	752-5152		
ADDRESS 14	482 SW COMM	ERCIAL GLEN	LAKE	CITY		FL	32025
CONTRACTO	OR STANLEY CF	AWFORD		PHONE	752-5152		
LOCATION O	F PROPERTY	90W, TL 247S, TR MA	AYFAIR LANE, TR LU	CILLE CT	., 4TH LOT		
ON LEFT							
SUBDIVISION	N/LOT/BLOCK/	PHASE/UNIT MA	YFAIR		28		
SIGNATURE	Culvert size we driving surface thick reinforce INSTALLATION a) a majorite b) the driver Turnouts concrete of	FION REQUIREM Fill be 18 inches in dia Both ends will be ned concrete slab. ON NOTE: Turnouts y of the current and every to be served will shall be concrete or payed driveway, will and existing payed or of	ameter with a total le nitered 4 foot with a will be required as existing driveway tur be paved or formed baved a minimum of hichever is greater.	follows: nouts are with cor f 12 feet	pe and pour e paved, or; ncrete. wide or the	ed wit	h a 4 inch
	Culvert instal	lation shall conform	to the approved site	e plan sta	indards.		
	Department of	f Transportation Per	mit installation app	roved sta	indards.		
	Other						
	\ 						

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED DURING THE INSTALATION 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 DEPARTMENT RESIDENTIAL CHECK LIST REQUIRMENTS

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

	APPLICANT - PLEAS	GENERAL REQUIREMENTS: E CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Eacl	ns to Inclu h Box shal Circled as Applicable	ll be
_	I		Yes	No	N/A
1	Two (2) complete sets of plans	s containing the following:	/		
2	All drawings must be clear, co	ncise, drawn to scale, details that are not used shall be marked void	V		
3	Condition space (Sq. Ft.)	Total (Sq. Ft.) under roof	шшп	пппп	ımı

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		
	Dimensions of all building set backs	V	
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	1	
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 Plans or specifications must show compliance with FBCR Chapter 3		Items to Include Each Box shall I Circled as Applicable		
8	Plans or specifications must show compliance with FBCR Chapter 3	mm	IIII	ШШ	
		YES	NO	N/A	
9	Basic wind speed (3-second gust), miles per hour	1			
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	1		+	
13	The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component, cladding materials not specifally designed by the registered design professional.				
				14	

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	
2011	Banding height from the established grade to the 1001s highest peak	

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	V		
21	Raised floor surfaces located more than 30 inches above the floor or grade		W	-
22	All exterior and interior shear walls indicated	1/	- In	
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	1		
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FBCR)		V	
27	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails		V	
28	Identify accessibility of bathroom (see FBCR SECTION 322)		M	_

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)

9 Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing. 1 Any special support required by soil analysis such as piling. 2 Assumed load-bearing valve of soil Pound Per Square Foot 3 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 **BCR 506: CONCRETE SLAB ON GRADE** 4 Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed) 5 Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports **BCR 320: PROTECTION AGAINST TERMITES** 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 **BCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)** Show all materials making up walls, wall height, and Block size, mortar type 1 Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement **Etal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engirechitect **Oor Framing System: First and/or second story** Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers Girder type, size and spacing to load bearing walls, stem wall and/or priers Girder type, size and spacing to load bearing walls, stem wall and/or priers	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL			Items to Include- Each Box shall be Circled as Applicable			
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Stem walls and/or priers Girder type, size and spacing to load bearing walls, stem wall and/or priers Attachment of joist to girder Wind load requirements where applicable	,	Professional Engineer		/			
Attachment of joist to girder Wind load requirements where applicable		stem walls and/or priers		\sqrt{I}			
Wind load requirements where applicable	+	Girder type, size and spacing to load bearing walls, stem wall and/or priers					
NOW required under floor crowl cooks		Show required under-floor crawl space	- 1	7			

45	Show required amount of ventilation opening for under-floor spaces		
46	Show required covering of ventilation opening	1	-
47	Show the required access opening to access to under-floor spaces		\neg
48	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & interior of the areas structural panel sheathing	1	
49	Show Draftstopping, Fire caulking and Fire blocking		\neg
50	Programme and Series and the state of the section 307	17	\neg
51	Provide live and dead load rating of floor framing systems (psf).	7	

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Each C	to Inch Box sha ircled as pplicabl	ll be
		YES	NO	N/A
52	The state of the s	1		
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	V		
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)	V.		
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		1	
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	V .		—

FBCR :ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.10 Wood trusses	V	
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer	V	
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	1	
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	1/	
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	1	
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas	1	

FBCR ROOF ASSEMBLIES FRC Chapter 9

71 Include all materials which will make up the roof assembles covering	1./	
72 Submit Florida Product Approval numbers for each component of the roof assembles 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	1				
74	Attic space	- V				
75	Exterior wall cavity		-			
76	Crawl space	V	-/			

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	1	1 1	
81 Show the location of water heater	1		

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	V	
87	Show the location of smoke detectors & Carbon monoxide detectors	1	_
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.	V	

<u>Disclosure Statement for Owner Builders</u> 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

92		YES	NO	N/A
	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	1		
95	City of Lake City A permit showing an approved waste water sewer tap		1	
96	Toilet facilities shall be provided for all construction sites	1	V	
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	1	,	

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 if issuance of the new permit.

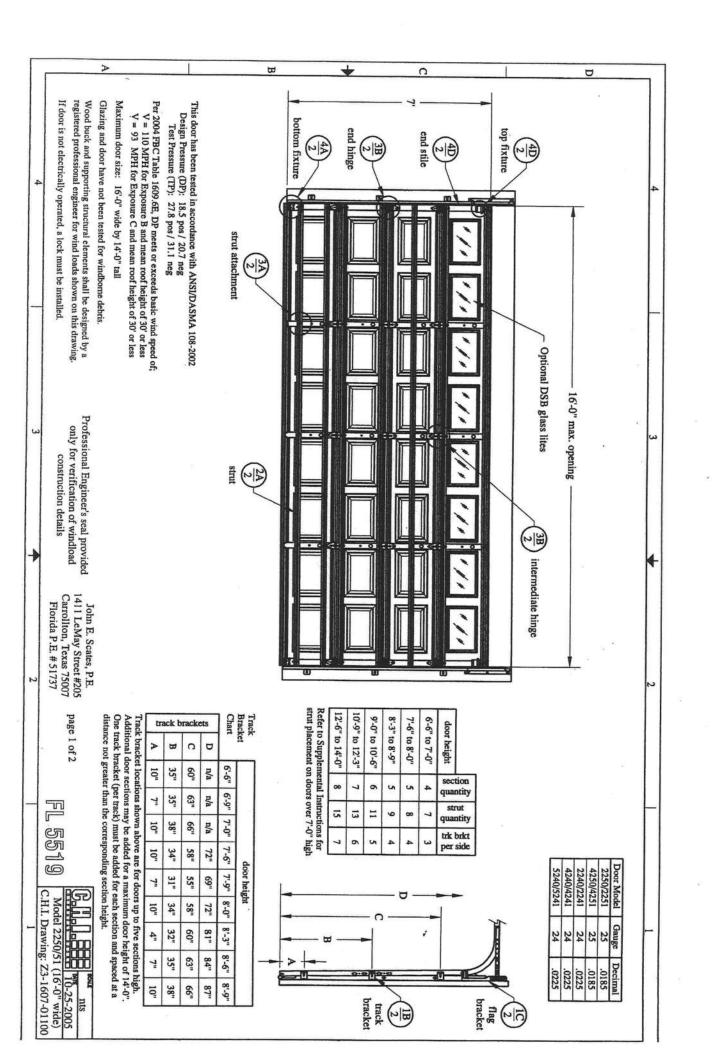
Work Shall Be:

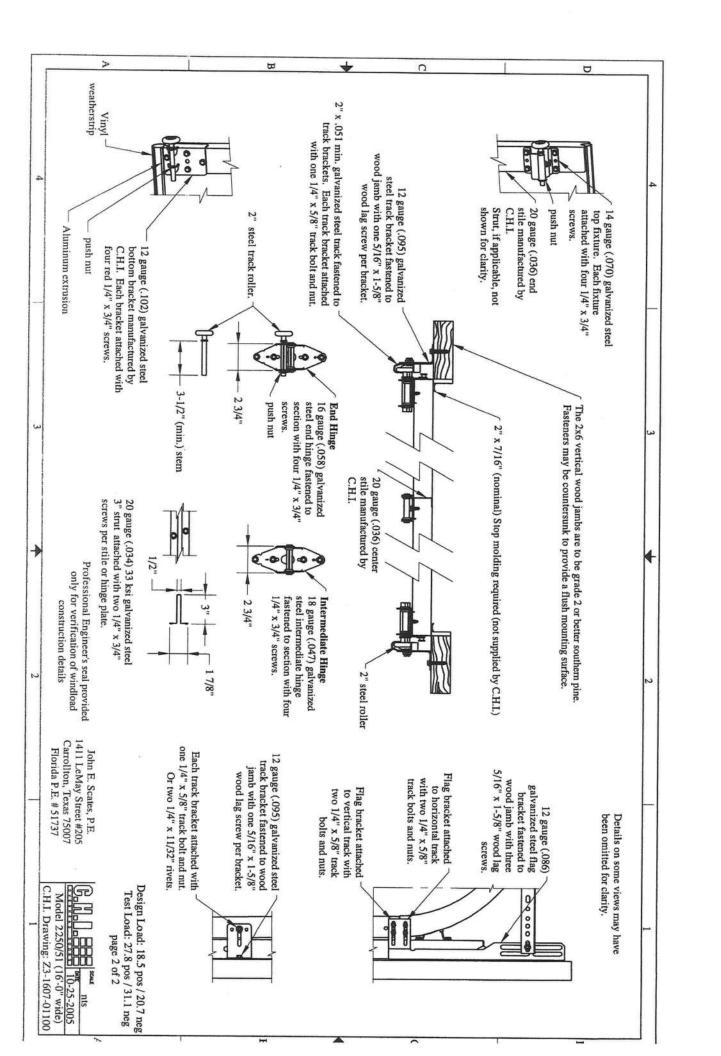
Section 105.4.1.3: Work shall be considered to be in active progress when the permit has received an approved inspection within 180 days. This provision shall not be applicable in case of civil commotion or strike or when the building work is halted due directly to judicial injunction, order or similar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





Short Form Entire House WILSON HEAT & AIR, INC.

Job: NEW SPEC HOME Date: Nov 20, 2008

CLINT WILSON

PO BOX 531, LAKE BUTLER, FL 32054 Phone: 388-496-9000 Fax; 388-754-1988 Email; WILSONHEATANDAIR@YAHOO.COM

Project Information

For:

STANLEY CRAWFORD CONSTRUCTION

1482 SW COMMERCIAL GLENN, LAKE CITY, FL 32025

Phone: 386-752-5152 Fax: 386-755-2165

		Design	n Information		
	Htg	Clg		Infiltration	
Outside db (°F)	33	92	Method	OF CO.	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

COOLING EQUIPMENT

	[1] (1프라 (1) (1) (1) (1프라						
Make Trade Model	GOODMAN MFG, GOODMAN MFG, GSZ13030		ā	Make Trade Cond Coil	GOODMAN MFG GOODMAN MFG. GSZ13030 ARUF1324	3	
Efficience		8.2 HSPF		Efficiency Sensible of		13 SEER 18760	Btuh
Heating		26400 16	Btuh @ 47°F	Latent cool	oling	8040 26800	200
Actual a		1533 0.046	STATE OF SAME OF STATE OF	Actual air Air flow fa		1533 0.051	cfm cfm/Btuh
Static pi Space ti	ressure hermostat	0.00	in H2O	Static pres Load sens	ssure sible heat ratio	0.00 0.86	in H2O

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.

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

NAMI NOTICE OF PRODUCT LINE **CERTIFICATION**



Certification No.: NI006110-Page 1

Date: 07/23/05

Revision Date: Certification Program: Structural

Company: Masonite International

Code: M-703-1

The "Notice of Product Line Certification" is valid only when Administrator's Seal is applied to the upper left hand portion of this form and a certification label is applied to the product. This certification seal represents product conformity to the applicable specification and that all certification criteria has been satisfied

The products and systems listed below are approved for listing in the Directory of Certified Products at www.NAMICertification.com. Please review, and advise NAMI immediately if data, as shown requires corrections.

Company:

Masonite International Corporation

1955 Powis Road

West Chicago, IL 60185

Product Line: Masonite Wood-Edge Steel Side-Hinged Door Units

Test Report: NCTL-210-2929-1/210-2930-1/210-2930-7/210-2930-7/210-3121-1/

210-3123-1/210-3125-1/CTLA-919W

Section 1: General Description of the Products and Systems under this Certification

1.1 Frame: The frame jambs consist of finger jointed pine with all corners coped, butted, and sealed using three 2" long wire staples (.04375").

1.2 Mullion Construction: Where used, each mullion constructed of laminated lumber with a pine cap and attached to the header and threshold with three #10 x 3" Philips Flat Head Wood Screws.

1.3 Glazing: Where used, the overall insulated glass was glazed into a rigid plastic lip-lite frame. Consisted of symmetric monolithic insulated glass with 3mm (0.118) tempered glass.

1.4 Door Leaf Construction: Each door leaf was constructed from 0.017"(6'8" height) or 0.020"(8'0"height) thick galvanized steel facings.

Certification No.: NI006110-Page 2

Section 2: Registered Suppliers

2.1 Door Lites:

ODL, Specialty or Trinity

2.2 Astragal:

Endura Ultimate

Section 3: Additional Supportive Test or Acceptance Data Provided with Certification Documentation included:

- 3.1 Miami-Dade Building Code Compliance Notice of Acceptance for Lite Frame Material, NOA#02-0429.11; #02-1216.06 and #03-0303.07.
- 3.2 Surface Burning Characteristics for Foam Filled Door performed by Omega Point Laboratories to ASTM E84-98, "Standard Test Method for Surface Burning Characteristics of Building Materials-Report No. 15977-104313.
- 3.3 ASTM E1300 Glass Load Resistance Report provided by National Certified Testing Laboratories NCTL-110-9735-1.
- 3.4 Anchor Calculations for:
 Anchor Performance Calculation Report-Performed by Harold E. Rupp, P.E. (Florida No. 15935.)

Masonite International Corporation West Chicago, IL 60185 1955 Powis Road Company:

NI006110-Page 3 Certification Date: Certification No.:

Expiration Date:

Wood-Edge Opaque Inswing or Outswing Door w/ and w/o Non-Impact Rated Sidelites (w/Wood Frame unless noted) Specifications Tested To: PA 201-94/202-94/203-94 Product:

The "Notice of Product Certification" is only valid if the NAMI Certification Label has been applied to the product as described within this document. The certification label represents product conformity to the applicable specification and that all certification criteria has been satisfied. This product has been approved for listing within NAMI's Certified Product Listing at www.Namicertification.com. NAMI's Certification Program is accredited by The American National Standards Institute (ANSI).

	Inswing	Glazed		Design	Missile	Test Report Number
Configuration	or	0.	Maximum	Pressure	Impact	Drawing Number &
	Outswing	Opaque	Size	Pos/Neg	Rated	Comments
×	S/I	Opaque	3,0" x 6'8"	91-/91+	Yes	NCTL-210-2929-1
Single		•	6			Maximum Panel Size: 3'0" x 6'8" Installation Drawings MA-FI 0128-05
×	S/O	Onagine	3,0" x 6'8"	476/-76	Vec	NCTL-210-2929-1
Single) ;	5	3	Maximum Panel Size: 3'0" x 6'8"
XX	S/I	Onamie	6'0" x 6'8"	+54/-55	Vec	NCTL-210-2930-1
Double) :		3	Maximum Panel Size: 3.0" x 6.8"/Sidelite: 3.0" x 6.8"
XX	S/0	Onaque	6,0" x 6'8"	+55/-55	Yes	NCTL-210-2930-1
Double) ; ;		3	Maximum Panel Size: 3.0" x 6.8"/Sidelite: 3.0" x 6.8" finetallation Drawings.MA-FI 0128-05
XO/OX	I/S	Opaque Door	6,0" x 6'8"	+55/-55	Door-Yes	NCTL-210-2930-1
Single w/Sidelite	6	Glazed Sidelite			Sidelite-No	Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8"
XO/OX	8/0	Onsome Door	(3,U,, a, (1,0)	\$\$/\$5T	Door Vee	NCTL-210-2930-1
Simple with James		Opadae 2001	0	00-100	21-1000	Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8"
Single W/Sidelites		Glazed Sidelite			Sidelite-No	Installation Drawings-MA-FL0128-05
oxo	I/S	Opaque Door	.8.9 x0.6	+55/-55	Door-Yes	NCTL-210-2930-1
Single w/Sidelites		Glazed Sidelites			Sidelites-No	Maximum Panel Size; 3'0" x 6'8"/Sidelite; 30" x 6'8" lostallation Drawings-MA-FL0128-05
OXO	S/0	Opaque Door	.8.9 x0.6	+55/-55	Door-Yes	NCTL-210-2930-1
Single w/Sidelites		Glazed Sidelites			Sidelites-No	Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Installation Drawings-MA-FI 0128-05
OXXO	S/I	Opaque Doors	12'4" x 6'8"	+55/-55	Doors-Yes	NCTL-210-2930-1
Double w/Sidelites		Glazed Sidelites			Sidelites-No	Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8" Installation Drawings-MA-FL0128-05
OXXO	S/O	Opaque Doors	12'4" x 6'8"	+55/-55	Doors-Yes	NCTL-210-2930-1
Double w/Sidelites		Glazed Sidelites			Sidelites-No	Maximum Panel Size: 3'0" x 6'8"/Sidelite: 3'0" x 6'8"

National Accreditation & Management Institute, Inc./11870 Merchants Walk Suite 202/Newport News, VA 23606

Tel-757,594.8658/Fax-757.594.8659

Masonite International Corporation West Chicago, IL 60185 1955 Powis Road Company:

NI006110-Page 4 07/23/2005 Certification Date: Certification No.:

Expiration Date:

12/31/2008

Wood-Edge Steel Opaque Inswing or Outswing Door w/ and w/o Non-Impact Rated Sidelites (w/Wood Frame unless noted) Product:

Specifications Tested To: PA201-94/202-94/203-94

The "Notice of Product Certification" is only valid if the NAMI Certification Label has been applied to the product as described within this document. The certification label represents product conformity to the applicable specification and that all certification criteria has been satisfied. This product has been approved for listing within NAMI's Certified Product Listing at www.Namicertification.com. NAMI's Certification Program is accredited by The American National Standards Institute (ANSI).

	Inswing	Glazed		Design	Missile	Test Report Number
Configuration	OF	10	Maximum	Pressure	Impact	Drawing Number &
4	Outswing	Opaque	Size	Pos/Neg	Rated	Comments
×	I/S	Opaque	3.0" x 8.0"	1-10/-10	Yes	NCTL-210-3121-1/CTLA919W
Single	0		4			Maximum Panel Size: 3'0" x 8'0"
)						Installation Drawings-MA-FL0129-05
×	S/0	Opaque	3.0" x 8'0"	+70/-70	Yes	NCTL-210-3121-1/CTLA919W
Single			4			Maximum Panel Size: 3'0" x 8'0" Installation Deswings-MA-EI 0129-05
XX	S/I	Omagnie	6'0" x 8'0"	+45/-50	Vec	NCTL-210-3123-1
Double	2	anhado		20.00	22.7	Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0"
Conorc						Installation Drawings-MA-FL0129-05
X	S/0	Opaque	6.0" x 8.0"	+50/45	Yes	NCTL-210-3123-1
Double						Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0"
						Installation Drawings-MA-FL0129-05
XO/OX	S/I	Opaque Door	6,0,, x 8,0,,	+45/-50	Door-Yes	NCTL-210-3123-1
Single w/Sidelite		Glazed Sidelite			Sidelite.No	Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0"
		auropio pomio			OH-DITTO	Installation Drawings-MA-FL0129-05
XO/OX	S/0	Opaque Door	0,8 x0,9	+50/45	Door-Yes	NCTL-210-3123-1
Single w/Sidelites		Glazed Sidelite			Sidelite-No	Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0"
OAO	DIA.	(Installation Drawings-in A-r LU (29-03
OXO	S	Opaque Door	.0.8 x0.6	+45/-50	Door-Yes	NCTL-210-3123-1
Single w/Sidelites		Glazed Sidelites			Sidelites-No	Maximum Panel Size: 3.0 x 8.0 /Sidelite: 3.0 x 8.0 linstallation Drawines-MA-FL0129-05
oxo	S/O	Opaque Door	.0,8 x0,6	+50/45	Door-Yes	NCTL-210-3123-1
Single w/Sidelites		Glazed Sidelites			Sidelites-No	Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0"
OXXO	S/I	Onagine Doors	12'4" x 8'0"	+45/-50	Doors-Ves	NCTL-210-3123-1
Double (6: Jalitan)	organian Contraction	000	20 101	20013-123	Maximum Panel Size: 3.0" x 8.0"/Sidelite: 3.0" x 8.0"
Double Woldenies		Giazed Sidelites			Sidelites-No	Installation Drawings-MA-FL0129-05
oxxo	S/O	Opaque Doors	12'4" x 8'0"	+50/-45	Doors-Yes	NCTL-210-3123-1
Double w/Sidelites		Glazed Sidelites			Sidelites-No	Maximum Panel Size: 3'0" x 8'0"/Sidelite: 3'0" x 8'0" Increllation Prevaine-MA-EI 0120-05
	7.1					Illustration Plaw Ingo more construction

National Accreditation & Management Institute, Inc./11870 Merchants Walk Suite 202/Newport News, VA 23606 Tel-757.594.8658/Fax-757.594.8659

Masonite International Corporation West Chicago, IL 60185 1955 Powis Road Company:

N1006110-Page 5 07/23/2005 Certification Date: Certification No.:

12/31/2008

Expiration Date:

Wood-Edge Steel Glazed Inswing or Outswing Door w/ and w/o Non-Impact Rated Sidelites (w/Wood Frame unless noted)

Product:

Specifications Tested To: PA 202-94

label represents product conformity to the applicable specification and that all certification criteria has been satisfied. This product has been approved for listing within The "Notice of Product Certification" is only valid if the NAMI Certification Label has been applied to the product as described within this document. The certification NAMI's Certified Product Listing at www. Namicertification.com. NAMI's Certification Program is accredited by The American National Standards Institute (ANSI).

Configuration	9	Clazed		Design	Missile	Test Report Number
	0r	or	Maximum	Pressure	Impact	Drawing Number &
	Outswing	Opaque	Size	Pos/Neg	Rated	Comments
×	S/I	Glazed	3.0" x 6'8"	+50.5/-50.5	No	NCTL-210-2930-7
Single						Maximum Panel Size: 3'0" x 6'8"
^	27.0					Installation Drawings-MA-FL0130-05
Κ,	So	Glazed	3.0" x 6'8"	+50.5/-50.5	No	NCTL-210-2930-7
Single						Maximum Panel Size: 3'0" x 6'8"
						Installation Drawings-MA-FL0130-05
XX	S/I	Glazed	8,9 x0,9	+50.5/-50.5	No	NCTL-210-2930-7
Double						Maximum Panel Size: 3'0" x 6'8"
						Installation Drawings-MA-FL0130-05
×	S/O	Glazed	6,0" x 6'8"	+50.5/-50.5	No	NCTL-210-2930-7
Double					110000000000000000000000000000000000000	Maximum Panel Size: 3'0" x 6'8"
						Installation Drawings-MA-FL0130-05
XO/OX	S/I	Glazed Door	.8.9 x0.9	+50.5/-50.5	Door-No	NCTL-210-2930-7
Single w/Sidelite		Glazed Sidelite			Cidelite No	MA-WL0115/16/17/18/19/20/21-02
1		2000			Sidelife	Maximum Panel Size: 3'0" x 6'8"
						Installation Drawings-MA-FL0130-05
XO/OX	S/0	Glazed Door	8,9 x0,9	+50.5/-50.5	Door-No	NCTL-210-2930-7
Single w/Sidelites		Glazed Sidelite			Sidelite-No	Maximum Panel Size: 3'0" x 6'8"
					ONT-DIMONIC	Installation Drawings-MA-FL0130-05
oxo	S/I	Glazed Door	.8.9 x .0.6	+50.5/-50.5	Door-No	NCTL-210-2930-7
Single w/Sidelites		Glazed Sidelites			Sidelitee.No	Maximum Panel Size: 3.0" x 6.8"
)					OLI COMPANIO	Installation Drawings-MA-FL0130-05
oxo	S/O	Glazed Door	.8.9 x .0.6	+50.5/-50.5	Door-No	NCTL-210-2930-7
Single w/Sidelites		Glazed Sidelites			Sidelitee-No	Maximum Panel Size: 3'0" x 6'8"
					21.00	Installation Drawings-MA-FL0130-05
OXXO	S/I	Glazed Doors	12,6" x 6'8"	+50.5/-50.5	Doors-No	NCTL-210-2930-7
Double w/Sidelites		Glazed Sidelites			Sidelites-No	Maximum Panel Size: 3'0" x 6'8"
CARACO					Out company	Installation Drawings-MA-FL0130-05
OXXO	S/O	Glazed Doors	12.6" x 6'8"	+50.5/-50.5	Doors-No	NCTL-210-2930-7
Double w/Sidelites		Glazed Sidelites			Sidelites-No.	Maximum Panel Size: 3'0" x 6'8"

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Tel-757.594.8658/Fax-757.594.8659

Masonite International Corporation West Chicago, IL 60185 1955 Powis Road Company:

NI006110-Page 6 Certification Date: Certification No.:

07/23/2005 12/31/2008 Expiration Date:

Product:

Wood-Edge Steel Glazed Inswing or Outswing Door w/ and w/o Non-Impact Rated Sidelites (w/Wood Frame unless noted)

Specifications Tested To: PA 202-94

label represents product conformity to the applicable specification and that all certification criteria has been satisfied. This product has been approved for listing within NAMI's Certified Product Listing at www.Namicertification.com. NAMI's Certification Program is accredited by The American National Standards Institute (ANSI). The "Notice of Product Certification" is only valid if the NAMI Certification Label has been applied to the product as described within this document. The certification

Configuration	Inswing or Outswing	Glazed or Opagine	Maximum	Design Pressure	Missile	Test Report Number Drawing Number &
×	S/I	Glazed	3.0" x 8.0"	F08/Neg	Rated	Comments
Single				7	ON	Maximum Panel Size, 2:0:
×	S/0	Glazed	3,0,, 8,0,2	145/40		Installation Drawings-MA-FL0131-05
Single				04-104-	S S	NCTL-210-3125-1
XX	3/1	Cloud				Installation Drawings, Ma. 67 0221 oc
Double	2	Olazeu	6.0. x 8.0	+40/-45	No	NCTL-210-3125-1
XX	3/0	-				Maximum Panel Size: 3'0" x 8'0"
Double	25	Olazed	6.0" x 8'0"	+45/-40	No	NCTL-210-3125-1
VO/OX	,					Maximum Panel Size: 3'0" x 8'0"
Single w/Cidelite	SI	Glazed Door	0,8 x0,9	+40/45	Door No	Installation Drawings-MA-FL0131-05
angre wantille		Glazed Sidelite		:	Sidelite_No	Maximum Panel Size: 1'0", 2'0"
XO/OX	S/O	Glazed Door	K10" " 0'0"		ONI-AUTOMIC	Installation Drawings-MA-FL0131-05
Single w/Sidelites		Glazed Sidelite	004.00	+42/-40	Door-No	NCTL-210-3125-1
OXO	1/0	Allthrig porms			Sidelite-No	Maximum Panel Size: 3'0" x 8'0"
Single w/Sidelites	S/I	Glazed Door	.0.8 x0.6	+40/-45	Door-No	MCTL-210-3126-1
OAO		Glazed Sidelites			Sidelites-No	Maximum Panel Size: 3'0" x 8'0"
Single w/Cidelia	S/0	Glazed Door	0,0 x 0,6	+45/40	Door-No	Installation Drawings-MA-FL0131-05
Sample w/ Sidelifes		Glazed Sidelites		?	Sidelites-No	Maximum Panel Size: 3.0" x 8.0"
oxxo	S/I	Glazed Doore	13,6" 0,0"	27 107	ONT COMMON	Installation Drawings-MA-FL0131-05
Double w/Sidelites		Glazed Sidelites	15 0 A 0 U	+40/42	Doors-No	NCTL-210-3125-1
OXXO	90	Company of the compan			Sidelites-No	Maximum Panel Size: 3'0" x 8'0"
Jourhla "./C: 4-1:	S	Glazed Doors	12'6" x 8'0"	+45/-40	Doom Mo	Installation Drawings-MA-FL0131-05
Country W/Sidelifes		Glazed Sidelites			Sidolitor Mo	Mayimum Bural Size, 2301, 6201
Madi					ONT-SOURCEDING	Maximum ratio Size, 3 U x 8 U

Installation Drawings-MA-FL0131-05 National Accreditation & Management Institute, Inc./11870 Merchants Walk Suite 202/Newport News, VA 23606 Tel-757.594.8658/Fax-757.594.8659



FEB - 4 RETO

January 31, 2002

TO: OUR FLORIDA CUSTOMERS:

Effective February 1, 2002, the following TAMKO shingles, as manufactured at TAMKO's Tuscaloosa, Alabama, facility, comply with ASTM D-3161, Type I modified to 110 mph. Testing was conducted using four nails per shingle. These shingles also comply with Florida Building Code TAS 100 for wind driven rain.

- Glass-Seal AR
- Elite Glass-Seal AR
- ASTM Heritage 30 AR (formerly ASTM Heritage 25 AR)
- Heritage 40 AR (formerly Heritage 30 AR)
- Heritage 50 AR (formerly Heritage 40 AR)

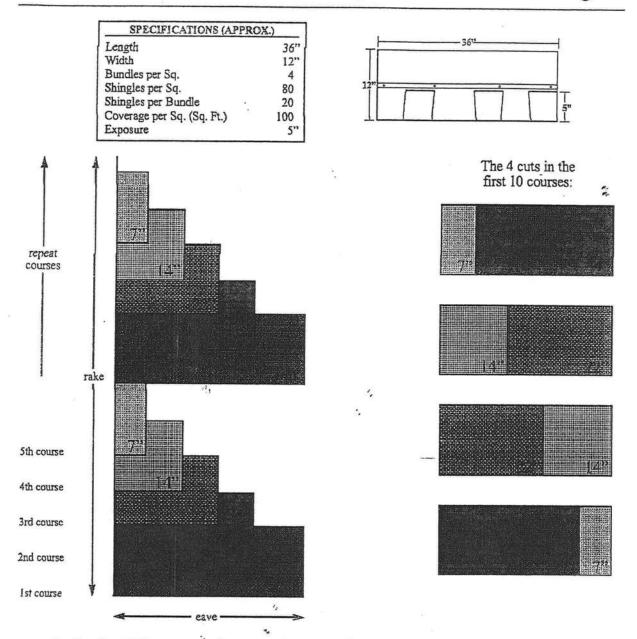
All testing was performed by Florida State certified independent labs.

Please direct all questions to TAMKO's Technical Services Department at 1-800-641-4691.

TAMKO Roofing Products, Inc.



Application Instructions For Heritage® 40 & 30 Series Shingles



In the first 10 courses, there are 4 cuts and no waste.

When you reach the other side of the roof, whatever has to be trimmed off can be used in the field of roofing.

For additional application information consult the application instructions printed on the product package.

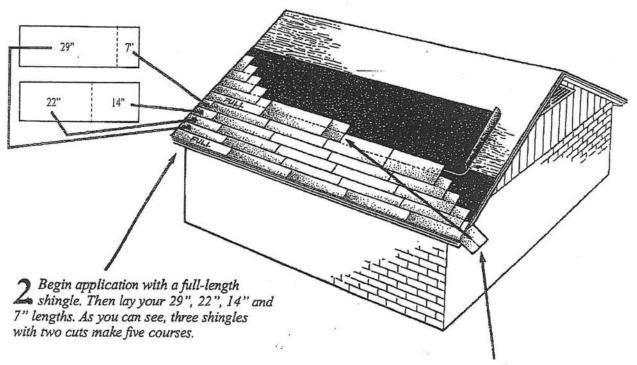
NOTE: These application instructions apply only to Heritage 40, Heritage 30, Heritage 40 AR, and Heritage 30 AR shingles.



Application Instructions For Heritage® 40 & 30 Series Shingles

With two simple cuts, you can create five courses out of three Heritage shingles with no waste. Fewer cuts mean labor savings and faster application. The TAMKO method also eliminates unsightly zipper patterns. And because you can work any piece over 8" long back into the field of roofing, you'll save money on materials. For the best-looking roof with the least waste, rely on TAMKO and the Heritage Series.

Length. Cut a second shingle to make a 29" and a 7" and a 14" length.



Continue working your way across the roof. When you make your final cut at the roof's edge, flip any pieces that are 8" or longer back onto the roof. These pieces can be worked in anywhere without creating zippers or color variations.

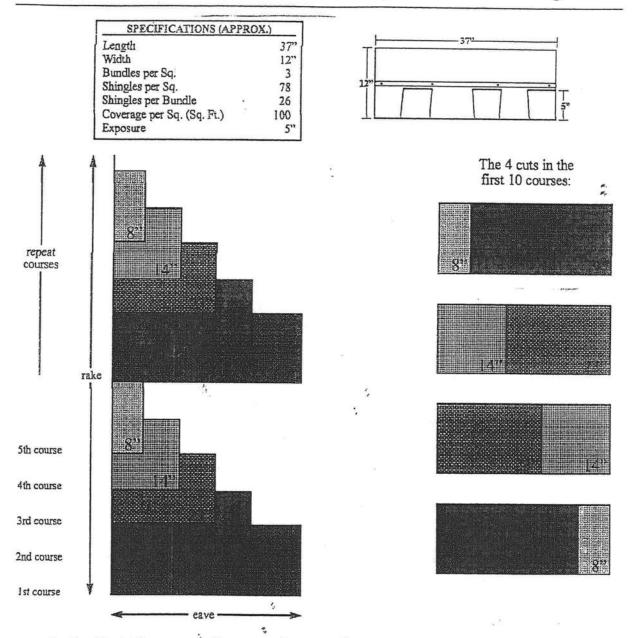
NOTE: Do not align joints of shingle courses when working in cut pieces. Joints should be no closer than 4" from one another.



99/494



Application Instructions For Heritage® 25 Series Shingles



In the first 10 courses, there are 4 cuts and no waste.

When you reach the other side of the roof, whatever has to be trimmed off can be used in the field of roofing.

For additional application information consult the application instructions printed on the product package.

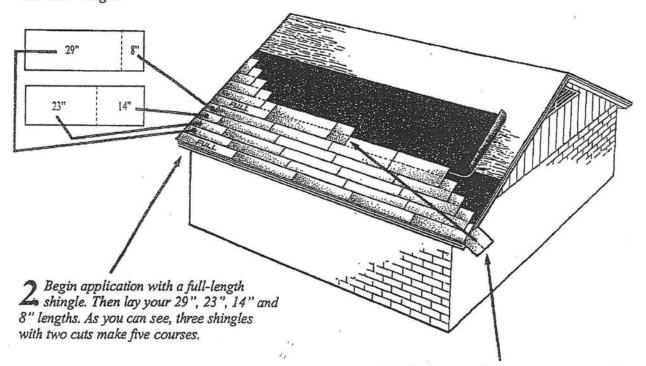
NOTE: These application instructions apply only to Heritage 25 and Heritage 25 AR shingles.



Application Instructions For Heritage® 25 Series Shingles

With two simple cuts, you can create five courses out of three Heritage shingles with no waste. Fewer cuts mean labor savings and faster application. The TAMKO method also eliminates unsightly zipper patterns. And because you can work any piece over 8" long back into the field of roofing, you'll save money on materials. For the best-looking roof with the least waste, rely on TAMKO and the Heritage Series.

Let your first shingle to make a 29" and an 8" length. Cut a second shingle to make a 23" and a 14" length.



Continue working your way across the roof. When you make your final cut at the roof's edge, flip any pieces that are 8" or longer back onto the roof. These pieces can be worked in anywhere without creating zippers or color variations.

NOTE: Do not align joints of shingle courses when working in cut pieces. Joints should be no closer than 4" from one another.





ROOFING PRODUCTS

Application Instructions for

• Glass-Seal AR

• Elite Glass-Seal® R • Elite Glass-Seal® AR

THREE-TAB ASPHALT SHINGLES

THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS DESCRIBED. TAMKO ROOFING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR LEAKS OR OTHER ROOFING DEFECTS RESULTING FROM FAILURE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS.

THIS PRODUCT IS COVERED BY A LIMITED WARRANTY, THE TERMS OF WHICH ARE PRINTED ON THE WRAPPER. IN COLD WEATHER (BELOW 40°F), CARE MUST BE TAKEN TO AVOID DAMAGE TO THE EDGES AND CORNERS OF THE SHINGLES.

IMPORTANT: It is not necessary to remove the plastic strip from the back of the shingles.

I. ROOP DECK

These shingles are for application to roof decks capable of receiving and retaining fasteners, and to inclines of not less than 2 in. per foot. For roofs having pitches 2 in. per foot to less than 4 in. per foot, refer to special instructions titled "Low Slope Application". Shingles must be applied properly. TAMKO assumes no responsibility for leaks or defects resulting from improper application, or failure to properly prepare the surface to be roofed over.

NEW ROOF DECK CONSTRUCTION: Roof deck must be smooth, dry and free from warped surfaces. It is recommended that metal drip edges be installed at eaves and rakes.

PLYWOOD: All plywood shall be exterior grade as defined by the American Plywood Association. Plywood shall be a minimum of 3/8 in. thickness and applied in accordance with the recommendations of the American Plywood Association.

<u>SHEATHING BOARDS</u>: Boards shall be well-seasoned tongue-andgroove boards and not over 6 in. nominal width. Boards shall be a 1 in. nominal minimum thickness. Boards shall be properly spaced and nailed.

2. VENTILATION

Inadequate ventilation of attic spaces can cause accumulation of moisture in winter months and a build up of heat in the summer. These conditions can lead to:

- 1. Vapur Condensation
- 2. Buckling of shingles due to deck movement.
- 3. Rotting of wood members.
- 4. Premature failure of roof.

To insure adequate ventilation and circulation of air, place louvers of sufficient size high in the gable ends and/or install continuous ridge and soffit vents.

FHA minimum property standards require one square foot of net free ventilation area to each 150 square feet of space to be vented, or one square foot per 300 square feet if a vapor barrier is installed on the warm side of the ceiling or if at least one half of the ventilation is provided near the ridge. If the ventilation openings are screened, the total area should be doubled.

IT IS PARTICULARLY IMPORTANT TO PROVIDE ADEQUATE VEN-TILATION.

3. Pastening

<u>NAILS:</u> TAMKO recommends the use of nails as the preferred method of application.

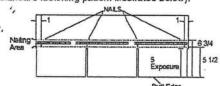
WIND CAUTION: Extrame wind velocities can damage these shingles after application when proper sealing of the shingles does not occur. This can especially be a problem if the shingles are applied in cooler months or in areas on the roof that do not receive direct sunlight. These

conditions may impede the sealing of the adhesive strips on the shingles. The inability to seal down may be compounded by prolonged cold weather conditions and/or blowing dust. In these situations, hand sealing of the shingles is recommended. Shingles must also be fastened according to the fastening instructions described below.

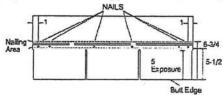
Correct placement of the fasteners is critical to the performance of the shingle. If the fasteners are not placed as shown in the diagram and described below, TAMKO will not be responsible for any shingles blown off or displaced. TAMKO will not be responsible for damage to shingles caused by winds or gusts exceeding gale force. Gale force shall be the standard as defined by the U.S. Weather Bureau.

FASTENING PATTERNS: Fasteners must be placed above or below the factory applied sealant in an area between 5-1/2" and 6-3/4" from the butt edge of the shingle. Fasteners should be located horizontally according to the diagram below. Do not nail into the sealant. TAMKO recommends nailing below the sealant whenever possible for greater wind resistance.

1) Standard Fastening Pattern. (For use on decks with slopes 2 in. per foot to 21 in. per foot.) One fastener 1 in. back from each end and one 12 in. back from each end of the shingle for a total of 4 fasteners. (See standard fastening pattern illustrated below).



2) Mansard or High Wind Fastening Pattern. (For use on decks with slopes greater than 21 in. per foot.) One fastener 1 in. back from each end and one fastener 10-1/2 in. back from each end and one fastener 13-1/2 in. back from each end for a total of 6 fastener per shingle. (See Mansard fastening pattern illustrated below.)



NAILS: TAMKO recommends the use of nails as the preferred method of application. Standard type roofing nails should be used. Nail shanks should be made of minimum 12-gauge wire, and a minimum head diameter of 3/8 in. Nails should be long enough to penetrate 3/4 in.

(Continued)

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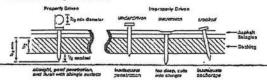
(CONTINUED from Pg. 1)

Glass-SealGlass-Seal AR

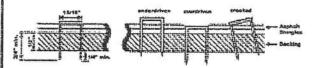
• Elite Glass-Seal® AR

Three-tab asphalt shingles

into the roof deck. Where the deck is less than 3/4 in. thick, the nails should be long enough to penetrate completely through plywood decking and extend at least 1/8 in. through the roof deck. Drive nail head flush with the shingle surface.



STAPLES: If staples are used in the attaching process, follow the above instructions for placement. All staples must be driven with pneumatic staplers. The staple must meet the following minimum dimensional requirements. Staples must be made from a minimum 16 gauge galvanized wire. Crown width must be at least 15/16 in. (staple crown width is measured outside the legs). Leg length should be a minimum of 1-1/4 in. for new construction and 1-1/2 in. for reroofing thus allowing a minimum deck penetration of 3/4 in. The crown of the staple must be parallel to the length of the shingle. The staple crown should be driven flush with the shingle surface. Staples that are crooked, underdriven or overdriven are considered improperly applied.



CAUTION: DO NOT FASTEN INTO THE FACTORY APPLIED ADHE-SIVE.

4. UNDERLAYMENT

<u>UNDERLAYMENT</u>: An underlayment consisting of asphalt saturated felt must be applied over the entire deck before the installation of TAMKO shingles. Failure to add underlayment can cause premature failure of the shingles which is not covered by TAMKO's limited warranty. Apply the felt when the deck is dry. On roof decks 4 in. per foot and greater apply the felt parallel to the eaves lapping each course of the felt over the lower course at least 2 in. Where ends join, lap the felt 4 in. If left exposed, the underlayment felt may be adversely affected by moisture and weathering. Laying of the underlayment and the shingle application must be done together.

Products which are acceptable for use as underlayment are:

- TAMKO No. 15 Asphalt Saturated Organic Felt
- A <u>non-perforated</u> asphalt saturated organic felt which meets ASTM: D226, Type I
- Any TAMKO non-perforated asphalt saturated organic felt . .

In areas where ice builds up along the eaves or a back-up of water from frozen or clogged gutters is a potential problem, TAMKO's Moisture Guard Plus® waterproofing underlayment (or any specialty eaves flashing product) may be applied to eaves, rakes, ridges, valleys, around chimneys, skylights or dormers to help prevent water damage. Contact TAMKO's Technical Services Department for more information.

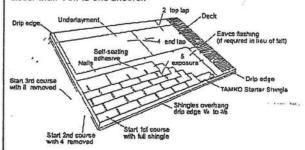
TAMKO does not recommend the use of any substitute products as shingle underlayment.

5. APPLICATION INSTRUCTIONS

STARTER COURSE: A starter course may consist of TAMKO Shingle Starter, self-sealing type shingles or a 9 inch wide strip of mineral surface roll roofing. If self-sealing shingles are used, remove the exposed tab portion and install with the factory applied adhesive adjacent to the eaves: Attach the starter course with approved fasteners along a line parallel to and 3 in. to 4 in. above the eaves edge. The starter course should overhang both the eaves and rake edges 1/4 in. to 3/8 in. If a roll roofing is used, seal down the shingles in the first course by applying adhesive cement in four spots equally spaced to the surface of the starter strip and press the shingle down on the spots of cement. Plastic cement should be used sparingly, as excessive amounts may cause blistering.

SHINGLE APPLICATION: There are three different offset methods for applying strip shingles: the 4-inch method, the 5-inch method and the 6-inch method. By removing different lengths from the first shingle, cutouts in one course of shingles do not line up directly with those of the course below. It is recommended that the shingles be laid according to one of these methods consistent with procedures outlined in ARMA's Residential Asphalt Roofing Manual. This panel will feature the 4-inch method. For information regarding the other methods, please refer to the ARMA Residential Asphalt Roofing Manual.

CAUTION: Never use an alignment system where shingle joints are closer than 4 in. to one another.



6. LOW SLOPE APPLICATION ---

On pitches 2 in. per foot to 4 in. per foot cover the deck with two layers of asphalt saturated felt. Begin by applying the felt in a 19 in. wide strlp along the eaves and overhanging the drip edge by 1/4 to 3/4 in. Place a full 36 in. wide sheet over the 19 in. wide starter piece, completely overlapping it. All succeeding courses will be positioned to overlap the preceding course by 19 in. If winter temperatures average 25°F or less, thoroughly cement the felts to each other with plastic cement from eaves and rakes to a point of a least 24 in. inside the interior wall line of the building. As an alternative, TAMKO's Moisture Guard Plus® self-adhering waterproofing underlayment may be used in lieu of the cemented felts.

7. MANSARD ROOF OR STEEP SLOPE ROOF

If the slope exceeds 21 in. per foot (60°), each shingle must be sealed

(Continued)

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(CONTINUED from Pg. 2)

Glass-SealGlass-Seal AR

• Elite Glass-Seal® • Elite Glass-Seal® AR

THREE-TAB ASPHALT SHINGLES

with quick setting asphalt adhesive cement immediately upon installation. Spots of cement must be equivalent in size to a \$.25 piece and applied to shingles with a 5 in. exposure, use 6 fasteners per shingle. See Section 3 for the Mansard Fastening Pattern.

S. RZ-ROOFING

Before re-roofing, be certain to inspect the roof decks. All plywood shall meet the requirements listed in Section 1:

Nail down or remove curied or broken shingles from the existing roof. Replace all missing shingles with new ones to provide a smooth base. Shingles that are buckled usually indicate warped decking or protruding nails. Hammer down all protruding nails or remove them and refasten in a new location. Remove all drip edge metal and replace with new.

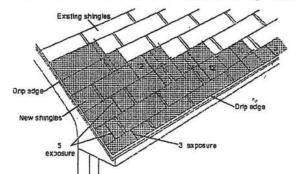
If re-roofing over an existing roof where new flashing is required to protect against ice dams (ireeze/thaw cycle of water and/or the backup of water in frozen or clogged gutters), remove the old roofing to a point at least 24 in. beyond the interior wall line and apply TAMKO's Moisture Guard Plus® waterproofing underlayment. Contact TAMKO's Technical Services Department for more information.

The nesting procedure described below is the preferred method for reroofing over square tab strip shingles with a 5 in. exposure.

Starter Course: Begin by using TAMKO Shingle Starter or by cutting shingles into 5 x 36 inch strips. This is done by removing the 5 in. tabs from the bottom and approximately 2 in. from the top of the shingles so that the remaining portion is the same width as the exposure of the old shingles. Apply the starter piece so that the self-sealing adhesive lies along the eaves and is even with the existing roof. The starter strip should be wide enough to overhang the eaves and carry water into the gutter. Remove 3 in. from the length of the first starter shingle to ensure that the joints from the old roof do not align with the new.

<u>First Course</u>; Cut off approximately 2 in. from the bottom edge of the shingles so that the shingles fit beneath the existing third course and align with the edge of the starter strip. Start the first course with a full 36 in. long shingle and fasten according to the instructions printed in Section 3.

Second and Succeeding Courses: According to the off-set application method you choose to use, remove the appropriate length from the



rake end of the first shingle in each succeeding course. Place the top edge of the new shingle against the butt edge of the old shingles in the courses above. The full width shingle used on the second course will reduce the exposure of the first course to 3 in. The remaining courses will automatically have a 5 in. exposure.

9. VALLEY APPLICATION

Over the shingle underlayment, center a 36 in, wide sheet of TAMKO Nail-Fast® or a minimum 50 lb; roll roofing in the valley. Nail-the felt only where necessary to hold it in place and then only nail the outside edges.

IMPORTANT: PRIOR TO INSTALLATION WARM SHINGLES TO PRE-VENT DAMAGE WHICH CAN OCCUR WHILE BENDING SHINGLES TO FORM VALLEY.

 Apply the first course of shingles along the eaves of one of the intersecting roof planes and across the valley.

Note: For proper flow of water over the trimmed shingle, always start applying the shingles on the roof plane that has the lower slope or less height.

- Extend the end shingle at least 12 in. onto the adjoining roof. Apply succeeding courses in the same manner, extending them across the valley and onto the adjoining roof.
- Do not trim if the shingle length exceeds 12 in. Lengths should vary.
- Press the shingles tightly into the valley.
- · Use normal shingle fastening methods.

Note: No fastener should be within 6 in. of the valley centerline, and two fasteners should be placed at the end of each shingle crossing the valley.

 To the adjoining roof plane, apply one row of shingles extending it over previously applied shingles and trim a minimum of 2 in. back from the centerline of the valley.

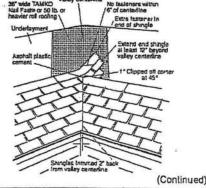
Note: For a neater installation, snap a chalkline over the shingles for guidance.

- Clip the upper corner of each shingle at a 45-degree angle and embed the end of the shingle in a 3 in. wide strip of asphalt plastic cament. This will prevent water from penetrating between the courses by directing it into
- CAUTION:
 Adhesive must be applied in smooth, thin, even layers.

the valley.

Excessive use of adhesive will cause blistering to this product.

TAMKO assumes no responsibility for blistering.



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(CONTINUED from Pg. 3)

• Glass-Seal • Glass-Seal AR

• Elite Glass-Seal® • Elite Glass-Seal® AR

THREE-TAB ASPHALT SHINGLES

FOR ALTERNATE VALLEY APPLICATION METHODS, PLEASE CONTACT TAMKO'S TECHNICAL SERVICES DEPARTMENT.

io. Hip and ridge fastening detail

Apply the shingles with a 5 in. exposure beginning at the bottom of the hip or from the end of the ridge opposite the direction of the prevailing winds. Secure each shingle with one fastener 5-1/2 in. back from the exposed end and 1 in. up from the edge. Do not nail directly into the sealant.

TAMKO recommends the use of TAMKO Hip & Ridge shingle products. Where matching colors are available, it is acceptable to use TAMKO's Glass-Seal or Elite Glass-Seal shingles cut down to 12 in, pieces.

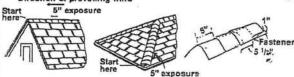
NOTE: AR type shingle products should be used as Hip & Ridge on Glass-Seal AR and Elite Glass-Seal AR shingles.

Fasteners should be 1/4 in. longer than the one used for shingles.

IMPORTANT: PRIOR TO INSTALLATION, CARE NEEDS TO BE TAKEN TO PREVENT DAMAGE WHICH CAN OCCUR WHILEBENDING SHINGLES IN COOL WEATHER.

THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS DESCRIBED. TAMKO ROOFING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR LEAKS OR OTHER ROOFING DEFECTS RESULTING FROM FAIL-URE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS.

Direction of prevailing wind



THIS PRODUCT IS COVERED BY A LIMITED WARRANTY. THE TERMS OF WHICH ARE PRINTED ON THE WRAPPER.

IMPORTANT - READ CAREFULLY BEFORE OPENING BUNDLE

In this paragraph "You" and Your" refer to the installer of the shingles and the owner of the building on which these shingles will be installed. This is a legally binding agreement between You and TAMKO Roofing Products, Inc. ("TAMKO"). By opening this bundle You agree: (a) to install the shingles strictly in accordance with the instructions printed on this wrapper, or (b) that shingles which are not installed strictly in accordance with the instructions printed on this wrapper are sold "AS IS" and are not covered by the limited warranty that is also printed on this wrapper, or any other warranty, including, but not limited to (except where prohibited by law) implied warranties of MERCHANTABILITY and FITNESS FOR USE.

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FOCKSING COMMUNITY
DEVELOPMENT
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MARKETERIT

POFFICE OF THE

FL #
Application Type
Code Version
Application Status
Comments
Archived

FL1214-R1 Revision 2004 Approved

Product Manufacturer Address/Phone/Email

Alenco 615 Carson Bryan, TX 77802 (979) 779-7770 ext 343 mkoppers@alenco.com

Authorized Signature

Martin Koppers mkoppers@alenco.com

Technical Representative Address/Phone/Email

Martin Koppers 615 Carson St. Bryan, TX 77802

mkoppers@alenco.com

Quality Assurance Representative Address/Phone/Email

Category Subcategory

Windows Single Hung

Compliance Method

Certification Mark or Listing

Certification Agency

National Accreditation & Management Institute,

Referenced Standard and Year (of

Standard

Standard)

AAMA/NWWDA 101/I.S.2

Equivalence of Product Standards Certified By

Sections from the Code

1707,4,2,1

Product Approval Method

Method 1 Option A

Date Submitted

06/08/2005

Date Validated

08/04/2005

Date Pending FBC Approval

06/18/2005

Date Approved

08/05/2005

mul _____

Date Approved	08/05/200	
Summary of Produ	icts	
FL#	Model, Number or Name	Description
1214.1	1111	Vinyl Tilt Single Hung
mainealed,44X/2 R(4	e in HVHZ: e outside HVHZ: t:	Certification Agency Certificate Installation Instructions PTID 1214 R1 I FL INSTALLATION INSTRUCTIONS - Aluminum B.pdf PTID 1214 R1 I INSTALLATION INSTRUCTIONS - Vinyl B.pdf Verified By:
	3753	Aluminum Tilt Single Hung
glass to comply with	in HVHZ: outside HVHZ: +/- R (40) Tested with Tested r smaller window sizes	Certification Agency Certificate Installation Instructions Verified By:
	1710F	Aluminum Single Hung
Limits of Use (See Approved for use if Approved for use if Impact Resistant: Design Pressure: Other: 4710F:48X7:	in HVHZ; putside HVHZ; h/- 2 R(40)/DP(50), Tested with	Certification Agency Certificate Installation Instructions Verified By:

Back

Next

DS annealed glass. For smaller window sizes,

glass to comply with ASTM E1300-02.

SERIES 420/430/440 SLIDING GLASS DOORS

THIS FENESTRATION PRODUCT COMPLIES* WITH THE NEW FLORIDA BUILDING CODE

FOR RESIDENTIAL BUILDINGS WITH A MEAN ROOF HEIGHT OF 30 FT. OR LESS, EXPOSURE "B" (WHICH IS INLAND OF A LINE THAT IS 1500' FROM THE COAST), AND WALL ZONE "5" (INSTALLED NEAR THE CORNER OF A BUILDING).

PER ASTM E1300, THE CORRECT GLASS THICKNESS, BASED ON THE NEGATIVE DESIGN PRESSURE (DP) LISTED BELOW, HAS BEEN INSTALLED IN THIS UNIT. THE GLASS THICKNESS IS BASED ON ITS' WIDTH, HEIGHT, AND ASPECT RATIO.

STANDARD 6'- 8" HIGH PANELS ARE NON REINFORCED

2'- 6" WIDE

DP +54 / -54

HIGH

3'- 0" WIDE 4'- 0" WIDE DP +47 / -47 DP +39 / -39

5'- 0" WIDE

DP +35 / -35

STANDARD 8'- 0" HIGH PANELS ARE STEEL REINFORCED

2'- 6" WIDE 3'- 0" WIDE DP +57 / -57

4'- 0" WIDE

DP +49 / -49

5'- 0" WIDE

DP +40 / -40 DP +35 / -35

SPECIAL ORDER 6'- 8" HIGH PANELS - WITH STEEL REINFORCEMENT

2'- 6" WIDE

DP +71 / -71

3'- 0" WIDE

DP +62 / -62

4'- 0" WIDE

DP +52 / -52

BOX TO BE CHECKMARKED AT FACTORY IF REINFORCED

5'- 0" WIDE

DP +46 / -46

THIS PRODUCT MEETS THE REQUIREMENTS FOR STRUCTURAL LOADS, WATER AND AIR INFILTRATION PER ATTACHED AAMA PERFORMANCE LABEL. BE ADVISED THAT IF LOADS ARE PLACED UP TO OR EXCEEDING THE TESTED LEVELS, THIS PRODUCT MAY BE ALTERED IN SUCH A WAY THAT FUTURE PERFORMANCE WILL BE REDUCED.

* COMPLIANCE MUST INCLUDE INSTALLATION ACCORDING TO ... MANUFACTURER'S INSTRUCTIONS AND FLORIDA CODE REQUIREMENTS.



NATIONAL CERTIFIED TESTING LABORATORIES

1464 GEMINI BOULEVARD • ORLANDO, FLORIDA 32837 PHONE (407) 240-1356 • FAX (407) 240-8882

STRUCTURAL PERFORMANCE TEST REPORT

Report No: NCTL-210-2065-1
Test Date: 06-21-00
Report Date: 09-25-00
Expiration Date: 09-25-04
Revision Date: 01/31/02

Client: MI Home Products 4314 Route 209 Elizabethville, 17023-8438

Test Specimen: Better Bilt Aluminum Product's Series "420" Type OXX Aluminum Sliding Glass Door. (SGD-C35)(Single Glazed)(Steel Reinforced)(with and without sill riser).

Test Method: AAMA/NWWDA 101/I.S.2-97, "Voluntary Specifications for Aluminum, Vinyl (PVC), and Wood Windows and Glass Doors."

Revision Note: Sill leg extension was revised from 1-1/8" to 1-1/4"

TEST SPECIMEN DESCRIPTION

General: The sample tested was a three (3) panel type OXX aluminum sliding glass door measuring 15-1-3/4" wide x 8'0-1/8" high overall. The active panel measured 5'0-1/2" wide by 7'11-1/8" high; the fixed panel measured 5'0-7/8" wide by 7'11-1/8" high. Frame and panel member s were not thermally broken. A plastic spacer/guide was used at each panel head/stile corner. The fixed panel was secured to the jamb with two (2) 3" long aluminum angle retainers each fastened to the jamb stile with two (2) (#8 x 3/4") pan head screws. One (1) claw type door lock assembly was located at 40" from the bottom of each active panel lock stile each with two (2) screws. One (1) adjustable metal roller assembly was used at each end of the active bottom rails. The frame was of double screw coped corner construction. Panel corners were of single screw at bottom rail and double screw at the top rail. The interior vertical sill leg employed an extruded aluminum 1-1/4" high extension; an overall height of 2.031. One (1) aluminum panel retainer was fastened at 2" from each of the active panel bottom rail. One (1) extruded aluminum female panel adapter was fastened to the fixed panel but stile with five (5) (#8 x 1/2") screws. One extruded aluminum screen adapter was fastened to the butt stile using five (5) (#8 x 1/2") screws.

Installation: The main frame was fastened to the wood test buck using fort 1/2") FHS. (See fastener diagram.)

Reinforcement: One (1) U-shaped glavanized steel reinforcing channel measuring 1-3/4" x 3/4" x 1/16" thick filled the length of the panel adapter stile. One (1) U-shaped galvanized steel reinforcing channel measuring 3/4" x 7/8" x 1/16" thick filled the length of each interlock stile.

Glazing: All panels were channel glazed using 3/16" thick clear tempered glass with a flexible vinyl glazing bead.

Weatherseal: Double strips of centerfin weatherstrip (0.270" high) were located at each jamb, stile and lock stile. A double strip of centerfin weatherstrip (0.180" high) was located at each interlock stile. A double strip of centerfin weatherstrip (0.250" high) was located at each panel top rail. A double strip of side fin weatherstrip (0.430" high) was located at each panel bottom rail. An adhesive back polypile dust plug measuring 1-3/16" x 13/16" x 0.420" was located on the head and sill at each end of the vertical stile exterior track.

Weeps: One (1) weep notch measuring 1-1/2" x leg height was located at each end of the interior sill roller leg, exterior sill roller leg and screen sill roller leg.

Interior & Exterior Surface Finish: Non-painted aluminum

Sealant: Frame and panel bottom rail corners were sealed with a small-joint sealant.

Insect Screen: Two (2) insect screens, one (1) center insect screen measuring 5'0-1/4" wide by 7'11" high; Both were of coped corner construction. The screen employed fiberglass mesh cloth with a hollow vinyl spline. One (1) roller assembly was located at each end of the bottom rails. One (1) claw type lock assembly.

	TEST RESU	ULTS	
<u>Par. No.</u> 2.2.1.6.1	<u>Title of Test & Method</u> Operating Force Center Active Panel	Measured	Allowed
. ,	To open In Motion	20 lbf 5 lbf	30 lbf 30 lbf
	Right Active Panel		
the Appenies with the	To open In Motion	18 lbf 3 lbf	30 lbf 30 lbf
2.2.1.6.2	Deglazing - ASTM E987 Center Active Panel Top Rail (50 lbf) Bottom Rail (50 lbf) Left Stile (70 lbf)	10.2 % (0.051") 7.8 % (0.039"),\(\cdot\) 6.0 % (0.030") &	N 07100%
a s	Right Stile (70 lbf)	5.4 % (0.027.5)	100% / J

3

NCTL-210-2065-1

<u>Par. No.</u> 2.2.1.6.2	Title of Test & Method Deglazing - ASTM E987	<u>Measured</u>	Allowed
	Right Active Panel Meeting Rail (50 lbf) Bottom Rail (50 lbf)	8.4 % (0.042") 8.4 % (0.042")	<100% <100%
	Left Stile (70 lbf) Right Stile (70 lbf)	8.0 % (0.040") 6.2 % (0.031")	<100% <100%
2.1.2	Air Infiltration 1.57 psf(25mph)	Passed	0.30cfm/ft2
2.1.3	Water Resistance-(5.0GPH/FT/2) WTP=4.50 psf	No entry	No entry
2.1.4.2	Uniform Load Structural - ASTM E330 45.0 psf Exterior	0.245*	0.381*
	45.0 psf Interior	0.258"	0.381"
	OPTIONAL PERFOR	RMANCE	
Par. No. *	<u>Title of Test & Method</u> Water Resistance - ASTM E547 & E331 5.0 gph/ft²	Measured	Allowed
	WTP =5.25 psf	No Entry	No Entry

Note: At this point in testing, an additional sill riser was attached to the existing main sill's interior vertical leg with the following results being obtained:

Par. No.	Title of Test & Method	Measured	Allowed
4.3 *	Water Resistance - ASTM E547 & E331	: 1 	
	5.0 gph/ft ²		
*	WTP =6.00 psf	No Entry	No Entry
4.4.2	Uniform Load Structural - ASTM E330		
	52.5 psf Exterior	0.379"	0.381°
20000000000000000000000000000000000000	52.5 psf Interior	0.380"	0.381"

^{*} Test performed with and without screen

TEST COMPLETED07/15/98

Note: In addition, Better Bilt Auminum Products' Series "430" and "440" also received a SGD-C35 rating being identical in panel construction and interior sill leg heights.

This test specimen meets the performance criteria level of (SGD-C35) of the AMA/NIMILA. 101/I.S. 2-97 specification. Detailed drawings were available for laboratory records and compared to the test specimen at the time of this report. A copy of this report along with representative consections of the test specimen will be retained by NCTL for a period of four 4 years. The results obtained apply only to the specimen tested.

COMPARATIVE ANALYSIS CHART IN DESIGN PRESSURE **FLORIDA DOOR SERIES 420** BETTER BILT ALUMINUM PRODUCTS

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	*	+		

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98-0801

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35	37	. 40	44	49	57	69	96
46	48	52	56	62	71	85	80 <
60	54	48	42	36	30	24	PANEL WIDTH >>

DESIGN PRESSURE ACHEIVED IN TEST: POS. & NEG. 35.0 PSF TEST REPORT NOS: NCTL-210-2065-1 & 2

WATER TEST PRESSURE: 5.25 PSF (SILL - 1-1/2" HGT.) 6.0 PSF (1-1/2" SILL WI .500" ADAPTER - 2" HGT. O.A.)

1 1. 1. 1.

CONFIGURATION TESTED: OXX TEST SIZE: 181 3/4" X 96 1/8"

> REINFORCING: (1) STL CHAN. 1-3/4" X 3/4" GLAZING: 3/16" TEMPERED GLASS

X 1/16" ADAPTER STILE: X 1/16" @EA. INTRLK. STILE (1) STL CHAN. 3/4" X 7/8"

LIMITATIONS:

PANEL WIDTHS AND HEIGHTS ARE NOMINAL WATER PRESSURE REQUIREMENT OF 15% OF DESIGN LOAD APPLIES, POSITIVE DESIGN LOADS WOULD BE LIMITED TO 35 PSF W/ 1-1/2" SILL & 40 PSF W/ 2" SILL THE ABOVE VALUES ARE STRUCTURAL DESIGN LOADS & HAVE NOT BEEN CAPPED BY WATER PERFORMANCE

PREPARED BY:

PRODUCT & APPLICATION ENGINEERING, INC.

250 INTERNATIONAL PARKWAY

HEATHROW, FLORIDA 32748

PHONE 407 808-0365 FAX 407 805-0366



FLORIDA BETTER

COMPARATIVE

	E ANALYSIS CHART IN DESIGN PRESSURE	DOOR SERIES 420	BILI ALOMINUM PRODUCIO
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07-Jan-2002 CA980371

98-0801

35	37	39	42	47	54	64	80	•
							<	
							PANEL HEIGHT	
60	54	48		36	30	24	PANEL WIDTH >>	

DESIGN PRESSURE: POS. & NEG. 35.0 PSF WATER TEST PRESSURE: 5.25 PSF (SILL - 1-1/2" HGT.) TEST REPORT NOS: NCTL-210-2065-4 & 3 6.0 PSF (1-1/2" SILL WI 1/2" ADAPTER - 2" HGT. O.A.)

GLAZING: 3/16" TEMPERED GLASS CONFIGURATION TESTED: OXX REINFORCING: NONE TEST SIZE: 181 3/4" X 82 1/8"

LIMITATIONS:

WATER PRESSURE REQUIREMENT OF 15% OF DESIGN LOAD APPLIES, POSITIVE DESIGN LOADS WOULD BE LIMITED TO 35 PSF W/ 1-1/2" SILL & 40 PSF W/ 2" SILL PANEL WIDTHS AND HEIGHTS ARE NOMINAL (IN INCHES). THE ABOVE VALUES ARE STRUCTURAL DESIGN LOADS & HAVE NOT BEEN CAPPED BY WATER PERFORMANCE.

PHONE 407 805-0365 FAX 407 805-0368 SUITE 250 **HEATHROW, FLORIDA 32748** 250 INTERNATIONAL PARKWAY PRODUCT & APPLICATION ENGINEERING, INC. PREPARED BY:



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:1U338228Z0230131151

Truss Fabricator: Anderson Truss Company

Job Identification: 10-136--Stanley Crawford Construc MAYFAIR LOT 28 -- , **

Truss Count: 49

Model Code: Florida Building Code 2007 and 2009 Supplement Truss Criteria: FBC2007Res/TPI-2007(STD);FBC2007Com/TPI-2002(STD)

Engineering Software: Alpine Software, Version 9.05.

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

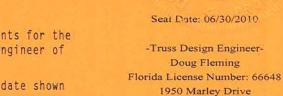
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-05 -Closed

- 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: HCUSR8228

Details: A1101505-GBLLETIN-BRCLBSUB-CNNAILSP-A140GC020109-A140GS020109-



#	Ref Description	Drawing#	Date
1	01507H11A	10181045	06/30/10
2	01508H13A	10181046	06/30/10
3	01509H15A	10181047	06/30/10
4	01510H17A	10181048	06/30/10
5	01511A1	10181006	06/30/10
6	01512A2-GDR	10181035	06/30/10
7	01513H7A	10181038	06/30/10
8	01514H9A	10181044	06/30/10
9	01515H5B	10181020	06/30/10
10	01516H7B	10181018	06/30/10
11	01517 H9B	10181024	06/30/10
12	01518H11B	10181037	06/30/10
13	01519H13B	10181028	06/30/10
14	01520H15B	10181027	06/30/10
15	01521B1	10181022	06/30/10
16	01522B2	10181030	06/30/10
17	0152383	10181029	06/30/10
18	01524C5	10181007	06/30/10
19	01525C1	10181036	06/30/10
20	01526C2	10181021	06/30/10
21	01527C3	10181032	06/30/10
22	01528C4-GDR	10181023	06/30/10
23	01529H14C	10181031	06/30/10
24	01530H12C	10181034	06/30/10
25	0153101	10181026	06/30/10
26	01532D	10181016	06/30/10
27	01533D2	10181043	06/30/10
28	01534H5D	10181047	06/30/10
29	01535 E - GE	10181013	06/30/10
30	01536F1	10181015	06/30/10
31	01537 F - GE	10181014	06/30/10
32	01538F2	10181017	06/30/10
33	01539 F3 - GDR	10181019	06/30/10
34	01540 J1	10181011	06/30/10
35	01541HJ7	10181008	06/30/10
36	01542HJ5	10181025	06/30/10

#	Ref Description	Drawing#	Date
37	01543J3	10181010	06/30/10
38	01544EJ5	10181048	06/30/10
39	01545EJ7	10181012	06/30/10
40	01546J5	10181009	06/30/10
41	01547 J1A	10181049	06/30/10
42	01548HJ4	10181050	06/30/10
43	01549 J3A	10181051	06/30/10
44	01550EJ4	10181039	06/30/10
45	01551EJ4A	10181042	06/30/10
46	01552EJ4B	10181040	06/30/10
47	01553EJ4C	10181041	06/30/10
48	01554EJ4D	10181033	06/30/10
49	01555HJ5	10181005	06/30/10

Haines City, FL 33844



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STANLEY CRAWFORD/ MAYFAIR LOT 28

PAGE NO:

1 OF 1

JOB NO: 10-136

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

Roof overhang supports 2.00 psf soffit load.

(A) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C.

Bottom chord checked for 10.00 psf non-concurrent live load

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

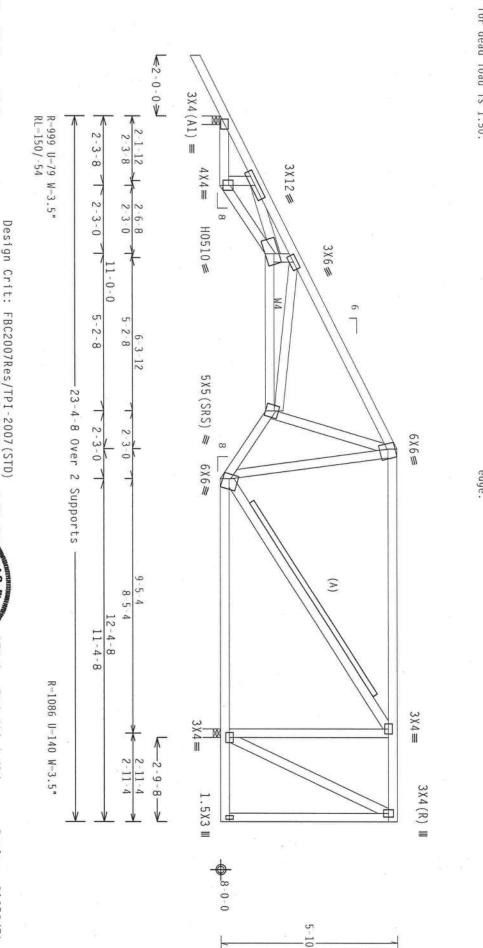
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

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.

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



PLT

TYP.

20 Gauge HS, Wave

FT/RT=20%(0%)/0(0)

9.05

ONGUASIFIED CENS

QTY:1

FL/-/4/-/ Ε

20.0 10.0 PSF

PSF

REF

1507

Scale =.3125"/Ft. R8228-

DATE

06/30/10

TW Building Components Group Inc.

PLATES TO EACH FACE OF TRUSS AND, UNLESS ANY INSPECTION OF PLATES FOLLOWED BY (1) DRAWING INDICATES ACCEPTANCE OF PROFESSI

BY (1) SHALL BE PER ANNEX A3

DESIGN SPEC. BY AFAPA) AND TP1.
3 GRADE 40/60 (W. K/H.SS) GALY.

GALY. STEEL. APPLY

ORMANCE WITH

SHALL NOT

No. 66648

BC DL TC DL TC

10.0

PSF

DRW HCUSR8228 10181045

BC LL TOT.LD.

0.0 PSF

HC-ENG

DF / DF

124170

PSF

THIS DESIGN, POSITION PER DRAWINGS 160A-Z
OF TPIL 2002 SEC.3. A SEAL ON THIS
NSTBILLIY SOLELY FOR THE TRUSS COMPONENT

01

DUR.FAC.

1.25 40.0

SPACING

24.0"

JREF -FROM SEQN-

1U338228Z02

ALPINE

Haines City, FL 33844 FL COA #0 278

H13A

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) 2x4~#3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C.

Bottom chord checked for 10.00 psf non-concurrent live load

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$

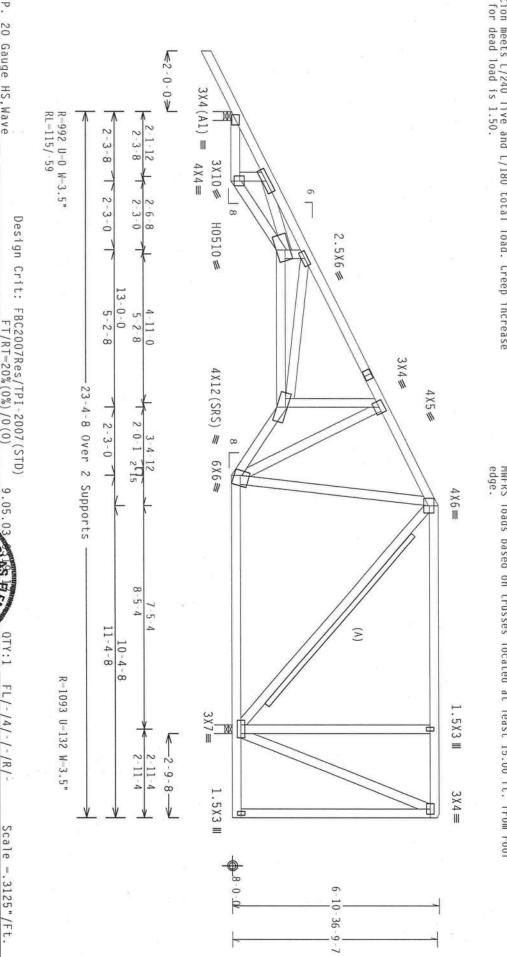
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf, Iw=1.00 GCpi(+/-)=0.18

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 $\!\!\!^{\rm m}$ 0C.

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



PLT

TYP.

20 Gauge HS, Wave

REFEE TO BCSI (CONTINUED COMPONENT SAFETY IN CONCILOR), PROLING BY PET (TRUSS PLATE INSTALLING AND BRACING, NORTH LEE STREE, SUIT 372, ALEXANDRA, VA, 22314) AND HICA (4000) TRUSS COUNCIL OF AMERICA, 6300 ERRICES CHURCH STATE AND SOM, HI 52719) FOR SAFETY PRACTICES PRIOR TO PERCHHAGINES FUNCTIONS. UNLESS OTHERWISE HAVE, AND SOM, HI 52719) FOR SAFETY PRACTICES PRIOR TO PERCHHAGINES FUNCTIONS. UNLESS OTHERWISE HOLGENES HAVE AND SOME HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

FT/RT=20%(0%)/0(0)

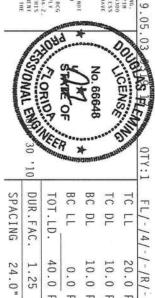
N CONTRACTOR. ITH BCG, INC. SHALL NOT BUILD THE TRUSS IN CONTORMANCE WITH

IMPORTANTFURRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BRILD THE THE ITEL OR FAREIGACITION, ANAULIGE, SUPPING, INSTALLING A BRACING OF TRUSSES, EVALUATION OF TRUSSES, AND THE APPLICABLE PROPUSIONS OF THIS DESIGN SPEC, BY MAY CONNECTOR PALARS AND THE APPLICABLE PROPUSIONS OF THIS DESIGN AND ADJACE SOFT OF THE APPLICABLE OF THIS DESIGN. POOR OF THE APPLICABLE OF THIS DESIGN. POOR OF T DESIGN SPEC. BY AFAPA) AND IPI.
DESIGN SPEC. BY AFAPA) AND IPI.
T GRADE 40/60 (W. K/H.SS) GALV. THIS DESIGN, POSITION PER DRAWINGS 160A-Z
OF TPIT-2002 SEC.3. A SEAL ON THIS
NASHBILLITY SOLELY FOR THE TRUSS COMPONEN
ANY BUILDING IS THE RESPONSIBILLITY OF THE STEEL

TW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL COA #0 278



20.0 PSF

R8228-

1508

10.0 PSF 10.0 PSF

DRW HCUSR8228 10181046

DATE REF

06/30/10

0.0 PSF

HC-ENG

DF / DF

DUR.FAC SPACING 40.0 24.0" PSF FROM SEQN-JREF -1U338228Z02 124179

Roof PLT TYP. In lieu of structural panels use purlins to brace all flat TC @ 0C. Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP MWFRS loads based on trusses located at least $15.00\ \mathrm{ft.}$ from roof edge. Calculated horizontal deflection is 0.10" due to live load and 0.16" due to dead load. (A) Continuous lateral bracing equally spaced on member. TW Building Components Group overhang supports 2.00 psf soffit load. Haines City, FL 33844 FL COA #0 278 ALPINE 20 Gauge HS, Wave 1€2-0-0> #2 Dense #2 Dense #3 $2.5 \times 6 (A1) =$ **HARNING** IRBUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPPING, INSTALLING AND BRACING.

RETER TO BESS. (BUILDING COMPONENT SAFETY INFORMATION). PROBLEMED BY TPT (TRUSS PLATE INSTITUTE, 21B

HORTH LEE STREET, SUITE 375, ALEXANDRA, VA, 22314) AND WILL AND TRUSS COUNCIL OF AMERICA, 6300

ENTERPRISE LAME, ANDISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMED INESE FUNCTIONS. UNLESS

OTHERWISE HORICATED TOP CORONS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

A PROPERLY ATTACHED BEGIN CELLUNG. M **IMPORTANT***UNRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE DEG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEPLATION FROM HIS DESIGN; ANY TAILURE TO BUILD THE BRUSS IN CONTORMACE WITH FIFL OR FLARESTATION, INSTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MIS (WALTONAL DESIGN SPEC, BY ARADA) AND TRI. THE REG CONTECTOR PLAIRS, ARE MADE OF ZO/180 FEAR ALL, ASSA, AND ASSA ARY INSPECTION OF PLATES FOLLOW DRAWING INDICATES ACCEPTANCE OF DESIGN SHOWN. THE SHITABILLI GUILLING DESIGNER PER ANSI/TPI RL-136/-80 R=1122 U=0 W=3.5" 2-3-8 2-3-8 4 X 4 == 5X10(**) = 2-3-0 6 Design Crit: FBC2007Res/TPI-2007(STD) 8 3×6# H0510 € 5-2-8 5-2-8 4 - 11 - 015-0-0 /RT=20% (0%) /0 (0) 3X4# 5X12 (SRS) ≥ 23-4-8 Over 2 Supports 4×6 # 2-3-0 5 X 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 BC DL=5.0 psf, lw=1.00 GCpi(+/-)=0.18 Bottom chord checked for 10.00 psf non-concurrent live load Right end vertical not exposed to wind pressure. Wind (**) 1 plate(s) require special positioning. Refer plot details for special positioning requirements. 9.05 (reactions based on MWFRS pressures. 3 - 1 - 12SOUCENSE 4 X 5 ≡ 3X4= No. 66648 11-4-8 3 10 6 - 3 - 0BC DL TC LL BC LL TC DL DUR.FAC. TOT.LD. FL/-/4/-/-/R/--2-12 4X4= 40.0 10.0 10.0 20.0 PSF 24.0" 1.25 0.0 R-955 U-35 W-3.5" Deflection meets L/240 live — botal load. Creep increase factor dead load is 1.50 2.5X6(R) PSF PSF to scaled plate PSF PSF FROM DATE REF SEQN-HC-ENG DRW HCUSR8228 10181047 1.5X3 Ⅲ Scale = .3125"/Ft = R8228- 1509 10338228202 DF / DF 06/30/10 124184

SPACING

JREF -

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

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.10" due to live load and 0.16" due to dead load.

In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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, Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

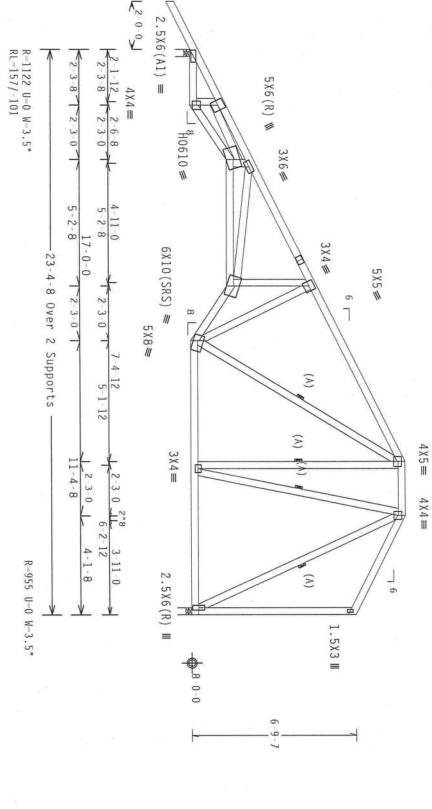
Right end vertical not exposed to wind pressure

Continuous lateral bracing equally spaced on member.

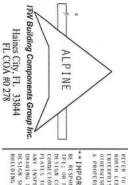
3

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

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



8-10



PLT TYP.

20 Gauge HS, Wave **WARNING.** TRUSSES REQUIRE LYTREME CARE IN FAMBICATION, MANDEING, SHIPPING, INSTALLING AND BRACING.
BETER TO BEST (BUILDING COMPONENT SAFIFY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 219
HORTH LEE SIREET, SUITE 137. ALEXANDRAL, VA, 22314) AND WICA (MODO TRUSS COUNCIL OF AMERICA, 6200
ENTERPRIS LIME, ANDISON, HI 53719) FOR SAFIFY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERWISE HODICALED FOR CORDS SHALL HAME PROPERTY ATTACHED STRUCTURAL PARTIES AND ROTTON CHORD SHALL HAME
A PROPERTY ATTACHED BY GIGID CELLING. /RT=20% (0%) /0 (0)

Design Crit: FBC2007Res/TPI-2007(STD)

9.05

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

Scale =.25"/Ft. R8228-

DATE REF

06/30/10

1510

DRW HCUSR8228 10181048

DF/DF

IMPORTANT*UURNISH A COPY OF THIS BESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, IRE, SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY TATURE TO BUILD THE TRUSS IN COMPORMANCE WITH FFI; OR FARBICATHIG, SHAPPING, INSTALLING A BRACHER OF BRUSSES.

BESIGN CONFORMS WITH ADPLICABLE PROVISIONS OF HOS (MALIONAL DESIGN SPEC, BY ATRIA) AND FFI. THE BCG CONNECTION FLATES ARE MADE OF 20/18/18/CA (M. 18/SEV), ASIN ASSE SEAME 40/500 (M. X.M. SSS) GAM. SHEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. BULLSS OTHERWISE LOCATED ON THIS DESIGN, POSITION FOR BRACHING SIGNAL FOR PLATES.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL SE PRE AMERS AND INTERCEPTION OF PLATES FOLLOWED BY (1) SHALL SE PRE AMERS AND INTO SESSAL POSITION HE BRANINGS HOMES DEALERS AND THIS COST SEC. A SEAL ON THIS DEALERS ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLLLY FOR THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE SUSMILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

SOU JOENS No. 66648 10 TC DL BC LL BC DL TC LL DUR.FAC. SPACING TOT.LD. 40.0 10.0 10.0 20.0 PSF 1.25 24.0" 0.0 PSF PSF PSF PSF

FROM

JREF -

10338228202

SEQN-HC-ENG

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

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.10" due to live load and 0.16" due to dead load.

Bottom chord checked for 10.00 psf non-concurrent live load

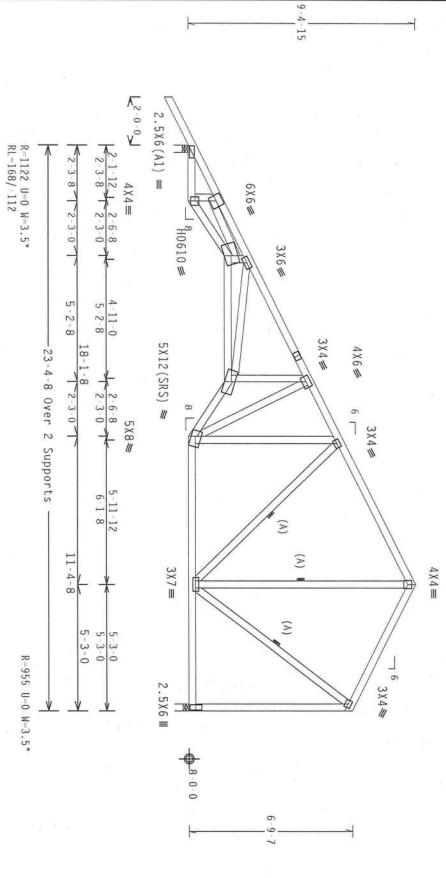
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: FBC2007Com/TPI-2002(STD)

20 Gauge HS, Wave

HARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, MANDLING, SHIPPING, INSTALLING AND REACING, RETER TO BOST (BUILDING COMPONENT SAFETY INFORMATION), POBLETSIED BY THE (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 1127, ALEXANDRIA, VA, 22314) AND MELA (1000) TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES BITOR TO PERFORMING THESE FUNCTIONS. UNITESS OF PROPERTY ATTACHED RIGID CELLING.

TYP.

IMPORTANTURBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. FOR FAILURE FOR BUILD THE FRUSS IN COMPORNANCE WITH FF; OR FARBEACHING, AND FILLED, HIS ALLING A BRACHEG OF TRUSSES.

DESIGN COMPORES HITH APPLICABLE PROVISIONS OF MDS (MATIONAL DESIGN SPEC, NY AFARA) AND FF.

LIN BCG COMPORES ARE MODE OF 20/18/16/AG (M.19/SS)) ASIA AGS BRACHEG OF PASSISTON FROM THE BOARD FOR ANY SILLLAPLY PLANTS TO EACH FACE OF TRUSS AND, BRILES OFFICENES, LOCATED ON THIS DESIGN, POSITION FIRE BRACHES 16/AG. Z.

ANY INSPECTION OF PARTS FOLLOWING BY (1) SHALL BE FEF ARREY AS OF FFILE-2002 SEC. 3.

A SEAL OF THIS BRACHES OF PROPERSIONAL ENGINEERING RESPONSIBILITY SOLITY FOR THE BRISS COMPORENT DESIGN SHOWN.

BESIGN SHOWN.

HE SUITABLITY AND USE OF HITS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING BEACHES FOR ANSI JUST AND USE OF HITS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL COA #0 278

9.05.03 ***LASIFIZATION | TC LL | 20.0 F | TC DL | 10.0 F

SPACING 24.0"	DUF	TO.	BC LL	ВС	TC	TC
	DUR.FAC.	TOT.LD.	F	DL	DL	TC LL
	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
		3SE	SF	3SE	3SF	1S.
JREF -	FROM /	SEQN-	HC-ENG DF/DF	DRW нси	DATE	REF RE
10338228202	124190 AH	DF/DF	DRW HCUSR8228 10181006	06/30/10	R8228- 1511	
)2			*	9001		1157,1

Haines City, FL 33844 FL COA #0 278

SPACING

24.0"

JREF -

Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # 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. Iw-1.00 GCpi(+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C.

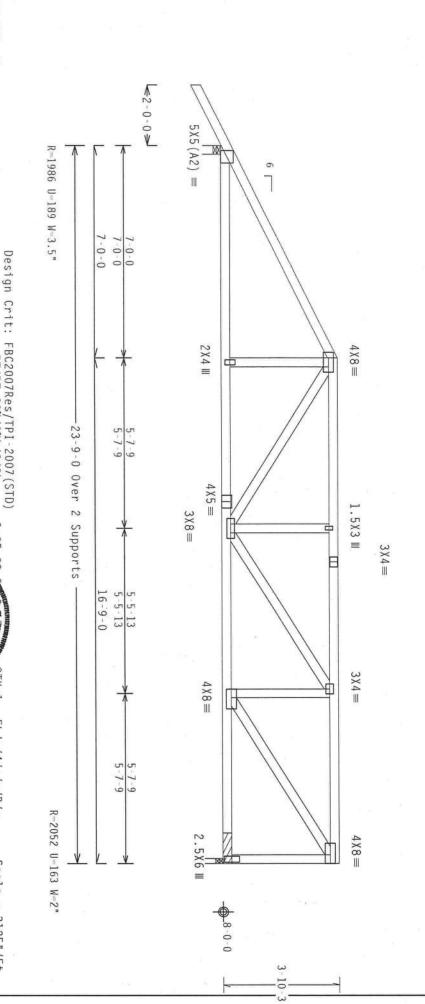
Brg block to be same size and species as bottom chord Refer to drawing CNNAILSP0109 for more information. x-loc #blocks 23.583' 1 #nails/blk wall plate Rigid Surface

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



WARNING INUSSES REQUIRE EXIMENE CARE IN FARRICATION, IMADELING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TET (FIRES PLATE INSTITUTE, 218 100 PM 100

TYP.

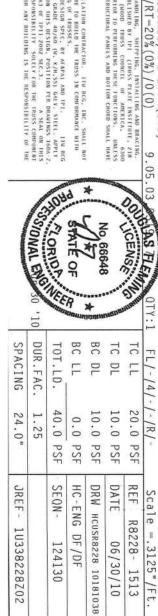
Wave

BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BRILLD THE TRUSS IN COMPORMANCE WITH THE TO REPORT AND THE TRUSS OF T DRAWING INDICATES **IMPORTANT ** FURNISH A COPY OF THIS DESIGN TO THE MAL DESIGN SPEC, BY ARAPA) AND THE THE GG A653 GAME 40/60 (M. K/M.SS) GALY, STEEL APPLY TED ON THIS DESIGN, POSITION FER BRANCHINGS 160A-Z MEX A3 OF TPIL 2002 SEC.3. A SEAL ON THIS

FW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL COA #0 278



DF / DF

124130

06/30/10

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

Roof overhang supports 2.00 psf soffit load

In lieu of structural panels use purlins to brace all flat TC @ 0C.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

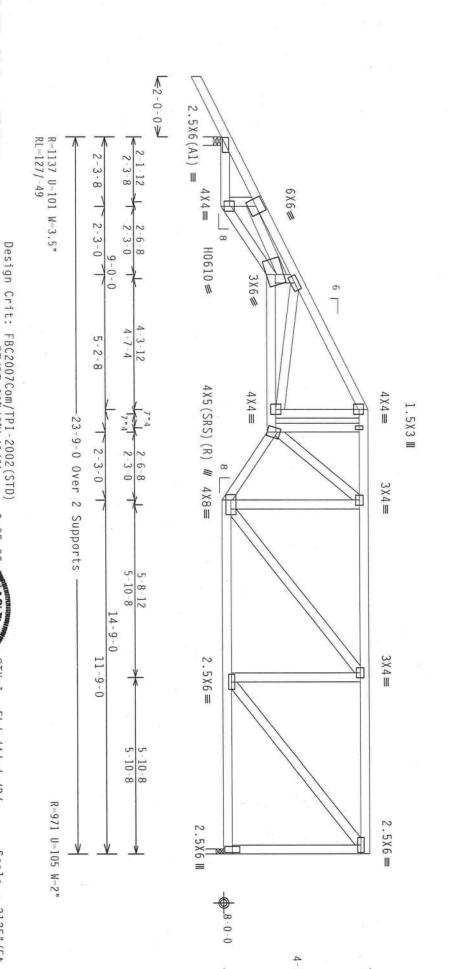
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

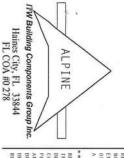
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure

Bottom chord checked for 10.00 psf non-concurrent live load

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





PLT TYP.

20 Gauge HS, Wave FT/RT=20%(0%)/0(0 CIRUSS PLATE INSTITUTE, 218

9.05

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

Scale =.3125"/Ft. R8228- 1514

DATE REF

06/30/10

DRW HCUSR8228 10181044

DF / DF

IMPORTANT*URRHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE RGG, IMC, SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ART FAILURE TO BRILD THE RUSS IN COMPORMACE WITH FPI; OR FARRICATING, INSULTING, SHEPPING, INSULTING OF REUSSES.

DESIGN CONFERRS WITH APPLICABLE PROVISIONS OF NDS (MAITOMAL DESIGN SPEC, BY AFAYA) AND IPI. THE BGG CONFECTOR PLATES ARE TANDE OF 20/18/1604 (M.1858) ASTH AND SEASON SOUTHON PER BRANINGS THE APPLY PLATES TO EACH FACT OF TRUSS AND, BURESS OTHERWISH LOCATED BY HIS DESIGN POSITION PER BRANINGS 160A-2. ANY HISPECTION OF REALES FOLLOWED BY (1) SHALL HE FER ANNEX AND FPI 2002 SEC. 3. A SEA, ON HIS SHALL PER ANNEX AND FPI 2002 SEC. 3. A SEA ON HIS SHALL PER ANNEX AND FPI 2002 SEC. 3. DRAWING INDICATES ACCEPTANCE OF PROF DESIGN SHOWN. THE SUFFAULTLY AND BUILDING DESIGNER PER ANSI/TPI 1 SEC.

No. 66648 10 BC LL BC DL DUR.FAC. TC DL TC LL SPACING TOT.LD. 40.0 24.0" 1.25 10.0 10.0 20.0 PSF 0.0 PSF PSF PSF PSF

> SEQN-HC-ENG

124159

JREF -

1U338228Z02

Top chord 2x4 SP | Bot chord 2x6 SP | Webs 2x4 SP | #2 Dense :T2, T3 2x6 SP #2: #2 #3

Roof overhang supports 2.00 psf soffit load

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

(A) $2x6\ \#3$ or better "T" brace. 80% length of web member. Attach with $16d\ Box$ or $Gun\ (0.135"x3.5", min.)$ nails @ $6"\ 0C$.

#1 hip supports 5-0-0 jacks with no webs.

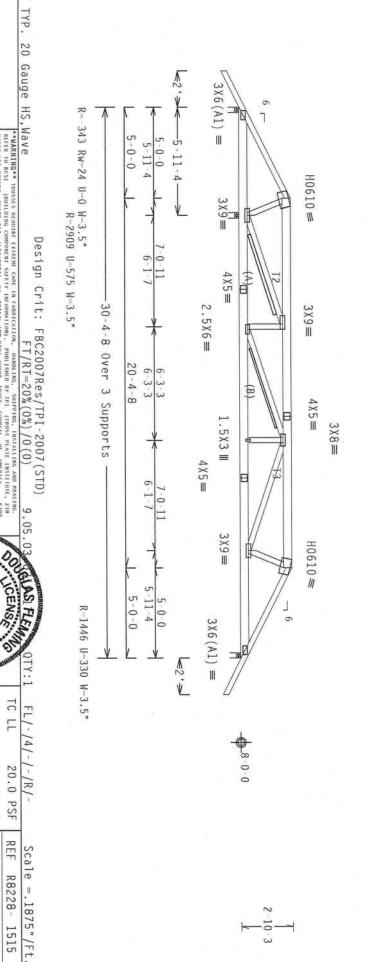
Negative reaction(s) of -342# MAX. case requires uplift connection. (See below) from a non-wind load

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART._ENC. 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(+/-)=0.55

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. Creep increase factor for dead load is 1.50.



HARNING TRUSSES REQUIRE EXTREME CAME IN FARRICATION, INNOCING, SHIPPING, INSTALLING AND BRACING.

REFER TO BEST (BUILDING COMPORENT SAFITY INFORMATION), PURLISHED BY FIT (TRUSS PLAIE INSTITUTE, ZIB

NORTH LEE STREET, SHITE 173, ALTEXANDRA, VA, ZEJARO AND CAMERICA, GROOD TRUSS COUNCIL OF AMERICA, 6500

CHIEPPRIS LAME, MORISON, MI 53719) FOR SAFITY PRACTICES PRIOR TO PERFORMING INESE FUNCTIONS. UNLESS

OTHERISE HOLGALDI FOR CORROR SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

A PROPERLY ATTACHED REGID CELLING.

PLT

PRATES OF LACH FACE OF TRUSS AND . UNLESS ORIENTS CO.
ANY INSPECTION OF PLATES FOR CHANGE OF PROTESSIONAL ENGINEER
DRAWING INDICATES ACCEPTANCE OF PROTESSIONAL ENGINEER
DESION SHOWN. THE SULFABILITY FOL. 2.

THE SULFABILITY FOL. 2. **IMPORTANT**TUBNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY TAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH THE TO REPART AND THE TRUSS THE CONTRACT OF THE TOTAL CONTRACT ON THE TOTAL CONTRACT OF THE TOTAL CONTRACT OF THE TOTAL CONTRACT OF MOS. (MATIONAL DESIGN SPEC. BY AFAPA), AND IPI.

HAYSKY), ASTR A633 GRADE 40,50 (E. KYILSS) GALV. STEEL, APPLY
HHERISEL COLATED ON THIS DESIGN, POSITION PER DEARINGS \$600-2
HILLAND FER ARMEY A3 OF IPIL-2002 SEC.3.

A SEAL ON THIS
MALE REGIMEERING RESPONSIBILITY SOLUTEY FOR THE IRUSS COMPONENT
HILLS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

FW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL COA #0 278

STONAL ENGINEE CENSE No. 66648 10 BC DL TC DL DUR.FAC. TC LL SPACING TOT.LD. 40.0 10.0 10.0 24.0" 1.25 20.0 PSF 0.0 PSF PSF PSF PSF DATE REF FROM SEQN-HC-ENG DRW HCUSR8228 10181020 JREF -R8228-10338228202

DF / DF

124360

06/30/10

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

Roof overhang supports 2.00 psf soffit load

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

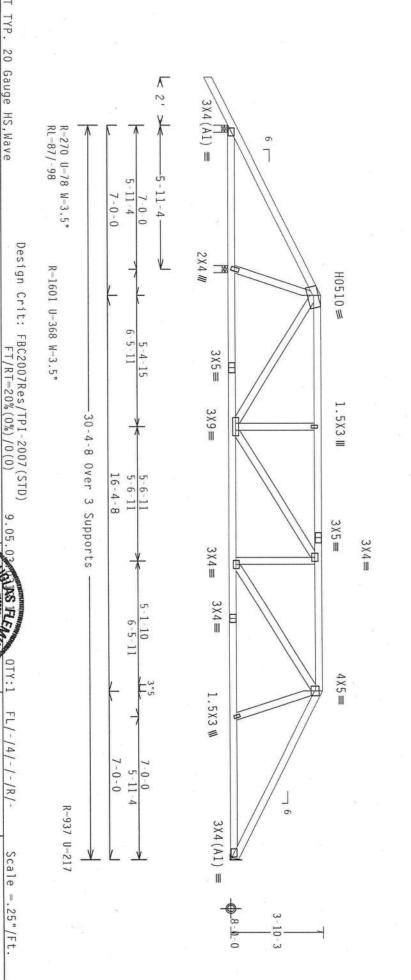
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

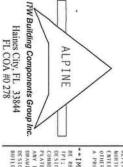
Wind reactions based on MWFRS pressures.

In lieu of structural panels use purlins to brace all flat TC @ 0C.

Bottom chord checked for 10.00 psf non-concurrent live

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





PROPERLY ATTACHED RIGID CEILING TING, INSTALLING AND BRACING.
(TRUSS PLATE INSTITUTE, 218
6300

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE GG, THE, SHALL NOT HE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BRILDE THE BRUSS IN COMPORMANCE WITH FPI; OR FARRICATHG, MANUFLIG, SHIPPICH, INSTALLIGE A BRACING OF TRUSSES.

BESIGN COMPORES WITH APPLICABLE PROVISIONS OF BDS (MATIONAL DESIGN SPEC, BY AFAPA) AND FPI. THE BGG CONNECTOR PLAIRS ARE MADE OF ZO/TROTAGO ALVINSES, ASTA MASS JORADE 40/500 (K. XII.85) GALV. SITEL, APPLY PLAIRS TO EACH FACE OF TRUSS AND, UNITES UNITED INCOMES OF HIS PRINCIPLE OF THE BRUSS AND AND THE BRANINGS 160A. A SEAL ON THIS BRANINGS TO EACH FACE OF TRUSS AND, UNITES UNITED IN FIRE BRANINGS AND FPI. 2002 SEC. A SEAL ON THIS BRANINGS TO PRODUCE THE TRUSS AND THE BRANINGS AND THE BROWNESS AND THE BRANINGS AND THE BROWNESS AND THE BRANINGS AND THE BRANING RESPONSIBILITY OF

LORIOT IS O LICENS No. 66648 10 BC LL BC DL TC DL TC LL DUR.FAC. SPACING TOT.LD. 40.0 10.0 10.0 20.0 PSF 1.25 24.0" 0.0 PSF PSF PSF PSF DATE REF FROM SEQN-DRW HCUSR8228 10181018 HC-ENG JREF -

DF / DF

124352

10338228202

R8228-

1516

06/30/10

Top chord 2x4
Bot chord 2x4
Webs 2x4 \$ \$ \$ \$ #2 Dense #2 Dense #3

Roof overhang supports 2.00 psf soffit load.

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50.\,$

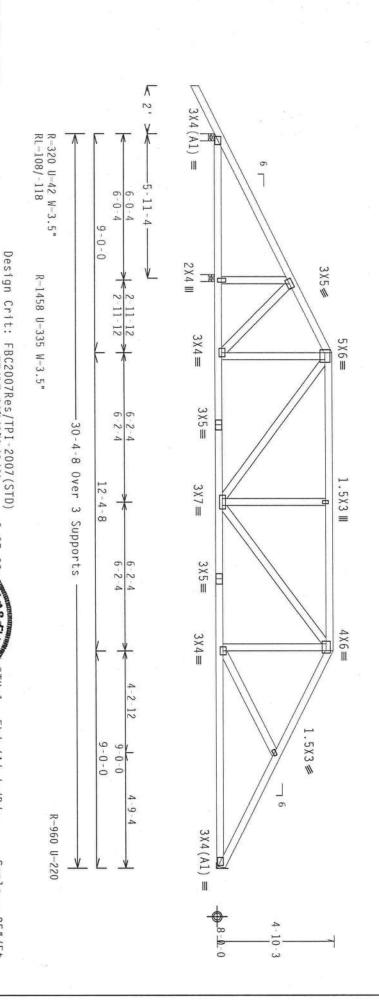
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART._ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures

In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C.

Bottom chord checked for 10.00 psf non-concurrent live

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





TYP.

Wave

MARNING PRUSSES PROBEE CEREPIE CARE IN FAREICATION. LANGUAR, SHEPPING, INSTAULING AND BRACHG.
REFER TO REVENITOR (BUILDING COMPONEN SAFETY INFORMATION). PUBLISHED BY INT CHRUS YILLE INSTITUTE, 218
NORTH LE STREE, SHIFE 35, ALEXANDRIA, VA. 22313 AND WICK (MOOD BRUSS COUNCIL OF AMERICA, 119, 119, 119, 119). FOR SAFETY PRACTICES PRIOR TO PERFORMED AND HOTHER FUNCTIONS. MULESS
OTHERWISE LANGE, MADISON, WI \$52799 FOR SAFETY PRACTICES PRIOR TO PERFORMED AND BOTTON CHORD SAILT MAKE PROPERLY ATTACHED RIGID CEILING.

/RT=20% (0%) /0 (0)

9 . 05

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

Scale = .25"/Ft. R8228- 1517

*** INPORTANT****UBBLSIA A COPT OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BOG. HE. SHALL SHALL SHE RESPONSIBLE FOR ANY DEPARTMENT OF THE THIS DESIGN. ANY TACLURE TO BRILLD HE BRUSS IN CONFORMANCE WITH PRICE OF FABRICACHIO, MANUFLO, SUIPPING, SUSTALLING, ARE BACHE OF TRUSSES.

PET OR FABRICACHIO, MANUFLO, SUIPPING, SUSTALLING, A BRACHE OF BUSSES.

PET OR FABRICACHIO, THE WAS ARE AND THE SUPPLIED OF THE SUBSECTION OF THE STALLING AND THE CONTROL OF THE SUBSECTION OF THE STALLING AND THE SUBSECTION OF THE SUBSECTION OF THE SUBSECTION OF PARTY SULLED OF THE SUBSECTION OF PARTY SULLED OF PARTY S

COURTAS FLE STONAL BUGINES CENS No. 66648 BC LL BC DL TC DL DUR . FAC. SPACING TOT.LD. TC LL 40.0 1.25 10.0 10.0 20.0 PSF 24.0" 0.0 PSF PSF PSF PSF DATE REF FROM SEQN-HC-ENG DRW HCUSR8228 10181024 JREF -

DF / DF

124345

06/30/10

1U338228Z02

Bot p chord 2x4 SP t chord 2x4 SP t Webs 2x4 SP t #2 Dense #2 Dense #3

Roof overhang supports 2.00 psf soffit load

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.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

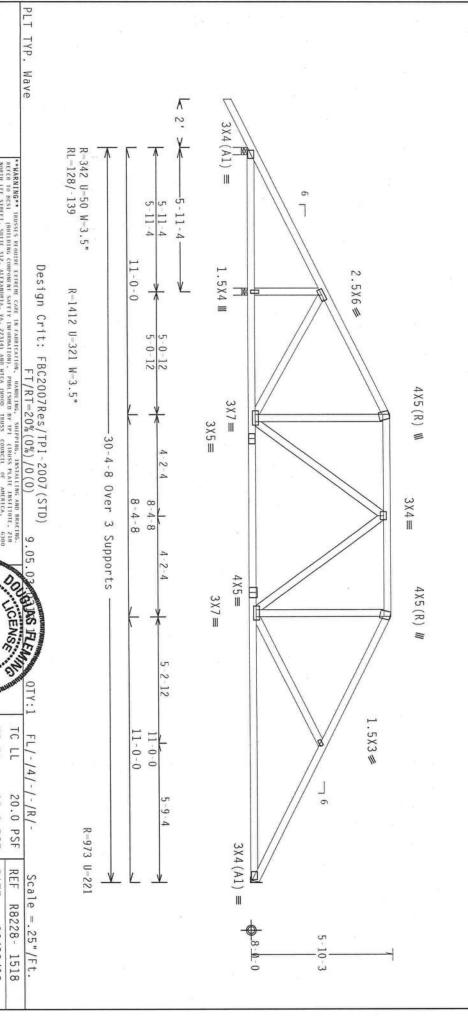
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART._ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 00.

Bottom chord checked for 10.00 psf non-concurrent live

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



TW Building Components Group Inc.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH DEG., THE, SHALL MOT BE RESPONSIBLE FOR ANY DEPIATION FROM THIS DESIGN TO TAILURE TO BUILD THE IRRES IN CONTORMACE WITH THIS DESIGN CONFIGURATION. INMALLING, A BEACHEM OF TRUSSES. BY CONTROLLING, SHAPITH, APPLICABLE PROVISIONS OF AND SHALLING A BRACKEM OF TRUSSES. BY ARRAY, AND FIT.

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SONAL ENGINE

.10

DUR.FAC. SPACING

1.25 24.0"

FROM

JREF -

10338228202

TOT.LD.

40.0

PSF PSF

SEQN-

124333

No. 66648

BC DL TC DL TC LL

10.0 10.0 20.0

PSF PSF

DRW HCUSR8228 10181037

DATE REF

06/30/10

PSF

R8228-

1518

0.0

HC-ENG

DF / DF

A PROPERLY ATTACHED RIGID CEILING.

ALPINE

Haines City, FL 33844 FL COA #0 278

Top chord Bot chord chord 2x4 Webs 2x4 d 2x4 SP d 2x4 SP s 2x4 SP #2 Dense #2 Dense #3 :W8, W10

2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.08" due to dead load. to

(A) Continuous lateral bracing equally spaced on member.

In lieu of structural panels use purlins to brace all flat TC @ 0C. 24"

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

live load and 0.17"

Wind reactions based on MWFRS pressures

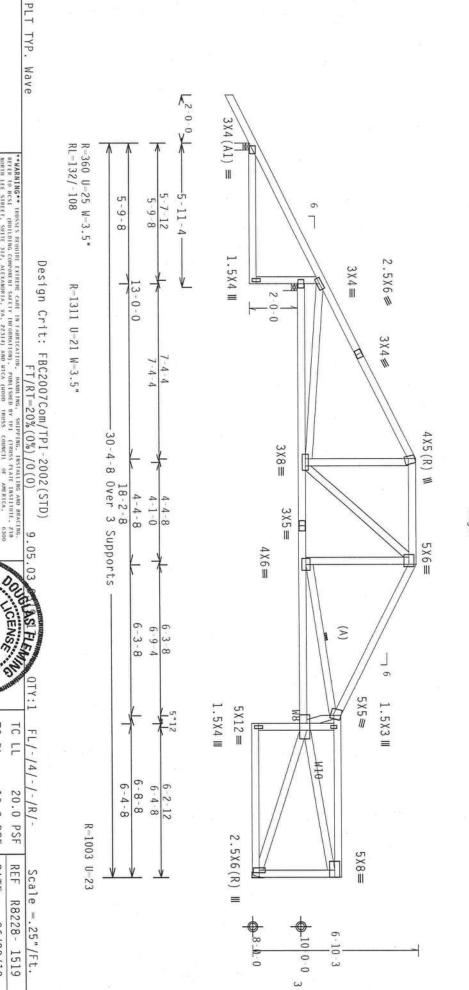
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf. wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

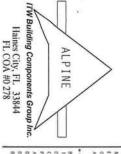
Right end vertical not exposed to wind pressure.

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

Bottom chord checked for 10.00 psf non-concurrent live

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





REFER TO BOSS ((BUILDING COMPONENT SAFETY HIMOMATION), HANDLING, SHIPPING, INSTALLING AND BRACING, WORTH LEE STREET, SUITE 312, ALEXANDRIA, MA, 223-34) AND WICK, AUROD TRUSS COUNCIL OF AMERICA, 6300 ENLINE AND ENLINE AN

IMPORTANT* WHENESH A COPY OF THIS BESIGN TO THE INSTALLATION CONTRACTOR. THE RGG, HEC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS BESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PIET OR FARBELGALING, MANDITURG, SHEPPAING, INSTALLING A BRACING OF BRUSSES.

BESIGN CONTROPS WITH APPLICANCE PROVISIONS OF HOS (RATIONAL DESIGN SPEC, NY ALPA) AND PIET, BESIGN CONTROPS WITH APPLICANCE PROVISIONS OF HOS (RATIONAL DESIGN SPEC, NY ALPA) AND PIET, APPLY RGG CONNECTOR PLATE SARE MADE OF 20/18/36A (PL/MSS/N). ASTA AGS GRADE 40/506 (N. K/M, SS) GAVE. STELL APPLY PALIES TO EACH FACE OF THISS AND, UNITES OFFICIENT OF ALTHOUGH AND ADMINISTRATION OF PLATES FOR THE STELL OF THE PRESENCE OF PROTESSIONAL BESIGNED SECONDATION STELL FOR MEN SALE FOR THE STELL THE PEROSESTELLITY OF THE

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10

DUR.FAC. SPACING

1.25 24.0"

> FROM SEQN-HC-ENG

JREF -

1U338228Z02

TOT.LD.

40.0

PSF PSF BC DL TC DL TC LL

10.0 10.0 20.0

PSF PSF PSF

DRW HCUSR8228 10181028

DF / DF

124326

DATE REF

06/30/10

R8228-

1519

0.0

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

Roof overhang supports 2.00 psf soffit load

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.

Bottom chord checked for 10.00 psf non-concurrent live load

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART._ENC. 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. Iw-1.00 GCpi(+/-)=0.55

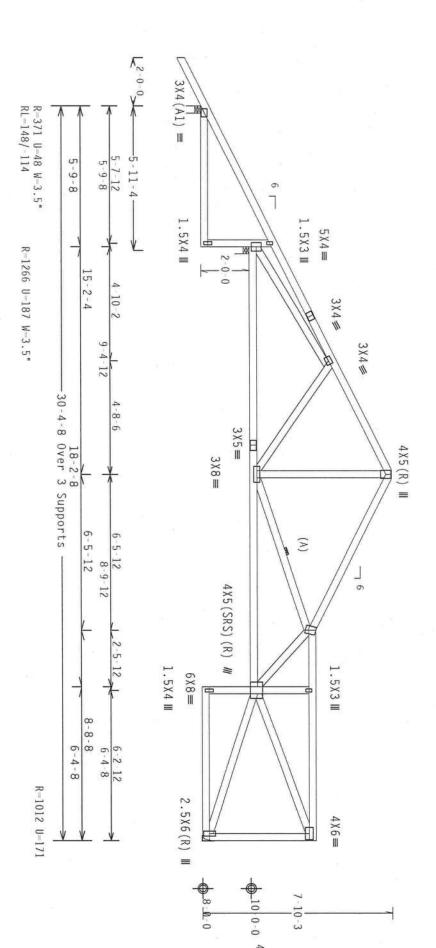
Wind reactions based on MWFRS pressures

Right end vertical not exposed to wind pressure

(A) Continuous lateral bracing equally spaced on member.

In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C.

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



TW Building Components Group Inc. Haines City, FL 33844 FI COA #0 278 ALPINE PLT TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDING, SHEPFING, INSTALLING AND RRACING, REFER TO BOST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IFI (TRUSS FLAKE INSTITUTE, 218 NORTH LIE STREET, SUITE 132, ALEXANDRIA, VA, 22314) AND MYCA (HOOD TRUSS COUNCIL OF AMERICA, 63500 ENTERPRESS LORG, MADESON, MI 53719) FOR SAFETY PRACIFICES PRIOR TO PERIORHING THESE THEORY OF MALETCA, MICESS OTHERWISS INDUCATED FOR CORDS SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHOOD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHOOD SHALL HAVE

Design Crit: FBC2007Res/TPI-2007(STD)

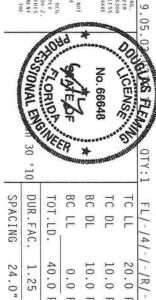
FT/RT=20%(0%)/0(0)

IMPORTANTTURNISH A CORY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE RCG. INC. SHEEL RESPONSIBLE FOR ANY DEVIATION FORM THIS DESIGN, ANY FAILURE TO BRILD THE RUSSS IN COMFORMACE IFFI. ON FAMELICATIO, AND LIGHT, SHEEPING, INSTALLIGH & BRACHER OF TRUSSES.

OF FAMELICATIO, AND LIGHT, SHEEPING, INSTALLIGH & BRACHER OF TRUSSES.

DESIGN COMFORTS HITH APPLICABLE PROVISIONS OF BOS (MAIORAL DESIGN EVEC. BY ALRA) AND IFI. DESIGN FOR THE APPLICABLE PROVISIONS OF BOS (MAIORAL DESIGN EVEC. BY ALRA) AND IFI. COMBICTOR PLATES ARE MADE OF 20/18/1964 (M. 1857), ASTH ASSI GRADE 40/50 (M. Z.M. 1855) AND COMPANY AND AREA OF THE APPLICABLE PROVISIONS OF BOS (MAIORAGE ADARD EVEN ENDISON EVEN EXPENDING AND AREA OF THE APPLICABLE PROVISION OF THE BRAND MAS PLATES TO EACH FACE OF RUSS AND. UNITES OTHERS IN COLUMN ON AN ALTER APPLICATION AND AREA OF THE APPLICATION OF THE NCE WITH

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERS THIS DESIGN, POSITION PER DRAWINGS 160A-Z
OF TPI1-2002 SEC.3. A SEAL ON THIS
WESTBILLITY SOLELY FOR THE TRUSS COMPONENT GALV. STEEL.



PSF

DATE

06/30/10

REF

1520

Scale = .25"/Ft. R8228-

PSF PSF

HC-ENG

DF/DF

DRW HCUSR8228 10181027

PSF

SEQN-

124309

JREF-

1U338228Z02

FROM

Bot chord edge. Hanger specified assumes connection to supporting chord is located minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating MWFRS loads based on trusses located at least 15.00 ft. from roof Bottom chord checked for 10.00 psf non-concurrent live load coverage. Roof overhang supports 2.00 psf soffit load TW Building Components Group 10-136--Stanley Crawford Construc TYP. chord 2x4 SP chord 2x4 SP Webs 2x4 SP Haines City, FL 33844 FL COA #0 278 ALPINEWave Z-0-0X #2 Dense #2 Dense #3 3X4(A1) =RL-147/-108 R-374 U-45 W-3.5" **IMPORTANT**TURNESS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY TATURE TO BUILD THE TRUSS IN COMPONDANCE WITH IP: 10 READERSTAING, ANOLULE, SHIPPING, INSTALLIGE & BRACTING OF TRUSSES.

BYSIGH CONFORTS WITH APPLICABLE PROVISIONS OF MIS (MATIGNAL DESIGN SPEC, BY AFAPA) AND TPI. THE BCG CONNECTOR PLATES ARE PAUGE TO TOTALED FROM (M.1455M). ANTHE ASSESSMENT OF ACUT FACE OF TRUSS AND, UNLISS OTHERWISE CONTROL OF THIS DESIGN. BOSTION PER BRANINGS HOME. ANY LIBERCTION OF FALES OF COLOUGE BY (1) SHALL BE FER ANNEX AND OF THIS SECOND OF THIS FACE. A SEAL ON HIS BRANING INDICALES ACCUPINACE OF PROFITSSIONAL ENGINEERING RESPONSIBILITY SOLITY FOR THE HUSS COMPONENT PROPERLY ATTACHED RIGID CEILING. 5-11-4 5-9-8 9 8 MAYFAIR LOT 28 1.5X4 Ⅲ 1.5X3 Ⅲ Design Crit: 5 X 4 ≡ R-1258 U-200 W-3.5" 2 0 15-2-4 0 4-10-2 3X4 # FBC2007Res/TPI-2007(STD) * 9 3X4# B1) /RT=20%(0%)/0(0)4-12 30-4-8 4-8 3 X 5 ≡ Over 3 18-2 4 X 5 (R) Ⅲ 3X7 == In lieu of structural panels use purlins to brace all flat TC @ 24" OC. 110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART._ENC. 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. Iw=1.00 GCpi(+/-)=0.55 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Right end vertical not exposed to wind pressure Wind reactions based on MWFRS pressures Supports 9 .05 4-5-12 4-7-8 JOUAS IFLE 9 SONAL BURNE No. 66648 CENSE 3 X 4 ≡ 4X5 (SRS) (R) 4-2-4 1.5X4 III 3 X 4 ≡ €X8= BC DL 9-6-0 DUR.FAC. BC LL TC DL SPACING TC LL FOT.LD. FL/-/4/-/-/R/-5-0-4 6-4-8 40.0 24.0" 1.25 20.0 PSF 10.0 10.0 PSF 0.0 PSF PSF PSF R=1013 U=171 3X8= 4 X 8 ≡ 2.5X6 III 1-2-8 SEQN-DATE REF FROM HC-ENG DRW HCUSR8228 10181022 JREF -Scale = .25"/Ft. 3X4 // R8228- 1521 1U338228Z02 DF / DF 06/30/10 **●**101 124301 0-0

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 @ 0C.

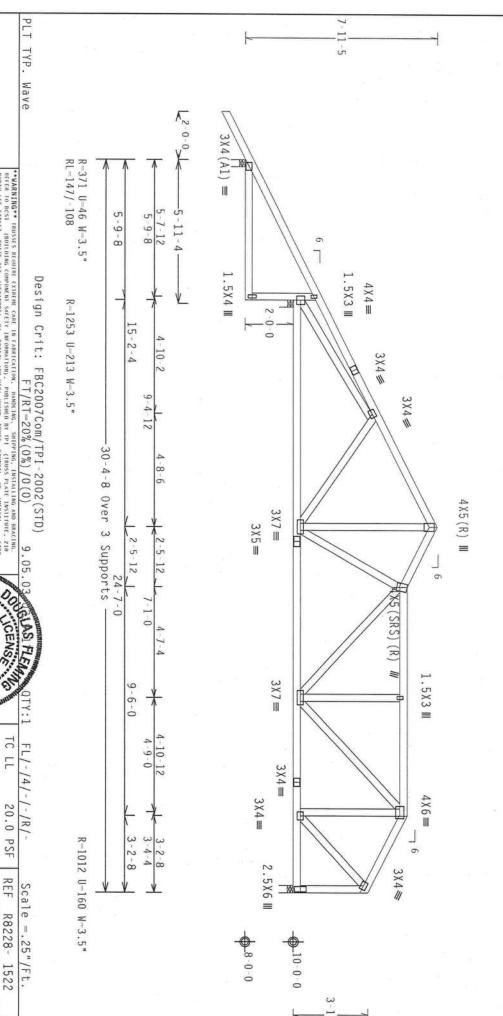
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART._ENC. bldg, not located within 4.50 ft from roof edge, CAT III, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



TW Building Components Group

DRAWING INDICATES

ALPINE

IMPORTANTCHEMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW DCG, INC. SHE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY TAILURE TO BRILD THE THISS IN CONTORNACE THIS CONTRACTION, AND THIS CHARLEST THIS, AMONITHO, SHIPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONTORNS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. CONNECTOR PLATES ARE MODE OF 20/18/16GA (W. 18/5K)) ASTAM ASSO GAME 40/50 (M. K.), SS) GAVE SHELL PLATES TO ALCHI TACE OF TRUSS AND. MULSS OTHERSTEE LOCATED ON THIS DESIGN FOSTION FOR DRAININGS PLATES THE MATURES AND THIS SHELL PROVIDED BY MULSS OTHERS TO ALCHI TACE OF TRUSS AND. MULSS OTHERSTEE LOCATED ON THIS DESIGN FOSTION FOR DRAININGS AND THIS SHELL PROVIDED BY MULSS OTHERSTEE LOCATED ON THIS DESIGN FOSTION FOR DRAININGS AND THE PROVIDED BY MULSS OTHERSTEE LOCATED ON THIS DESIGN FOSTION FOR DRAININGS AND THE PROVIDED BY MULSS OTHERSTEE LOCATED ON THIS DESIGN FOSTION FOR DRAININGS AND THE PROVIDED BY MULSS OTHERSTEE AND THE PROVIDED BY MULSS OTHERSTEE AND THE PROVIDED BY MULSS OTHERSTEED BY MULSS OTHERSTEED AND THE PROVIDED BY MULSS OTHERSTEED BY MULSS OTHERSTEED AND THE PROVIDED BY MULSS OTHERSTEED
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GR. POSITION PER DRAHINGS 160A-Z.
ODZ SEC.3. A SEAL ON THIS
SOLELY FOR THE TRUSS COMPONENT

.10

DUR.FAC

TOT.LD.

40.0

SEQN-

124294

HC-ENG DF/DF

SPACING

24.0" 1.25

JREF -FROM

1U338228Z02

HARNING IRRUSES REQUIRE EXTREME CARE IN FARRICATION, RETER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PRODEIN LEE SIREE, SUITE 312, ALEXANDRIA, VA, 27314) AND WICE INTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES OPHICANIS, INDICALED IDE COMPON SHALL HAVE PROPERTY ATTACHED PROPERTY

chord shall have property attached structural panels and bottom chord:

BOTTOM CHORD SHALL HAVE

UNLESS

CENSE No. 66648

TC LL

10.0 PSF 20.0 PSF

DATE REF

06/30/10

R8228- 1522

BC DL TC DL

10.0 PSF 0.0 PSF PSF

DRW HCUSR8228 10181030

REFORMATION, HANDLING, SHIPPING, INSTALLING AND BRACING, PHORRATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 22314) AND MICA (MODO TRUSS COUNCIL OF AMERICA, 6300

Haines City, FL 33844 FL COA #0 278

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" $\,$ 0C.

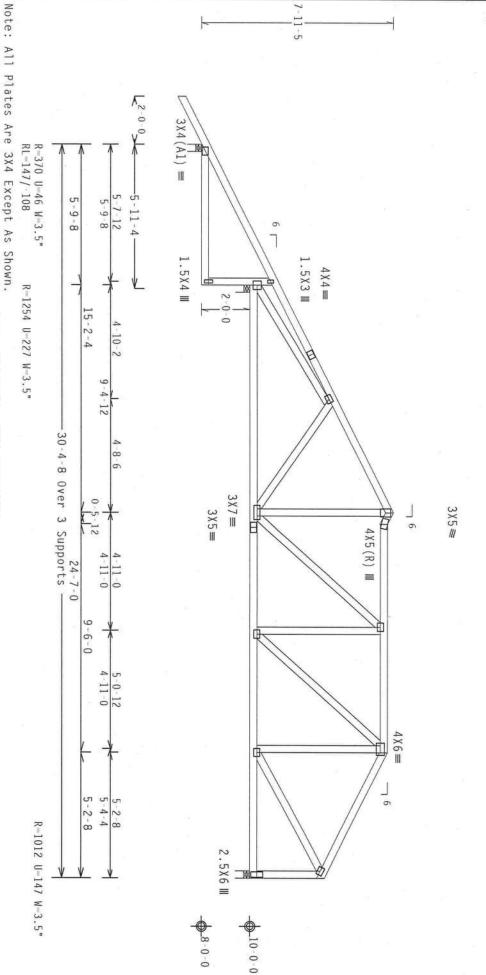
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

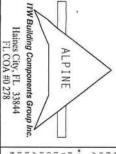
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART._ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.





TYP. Wave

WARNING TRUSSES REQUIRE LITERE CARE IN FABRICATION, INADDICE, SHIPPING, HESTALLING AND BRACING, RETER TO BEST (BRITISHE COMPONENT SAFETY INFORMATION), DILIGITO BY PIT (TRUSS PLATE HISTITUTE, 218 HORTH LEE SIBEET, SUITE 327, ALEXANDRIA, VA, 22314) AND HICA (BOOD TRUSS COUNCIL OF AMERICA, 6300 ERHERPHIS LANE, MADISON, MI 55719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HESE FUNCTIONS. UNLESS OTHERNISE INDICATED TOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE FT/RT=20%(0%)/0(0)

Design Crit: FBC2007Com/TPI-2002(STD)

RE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN. ANY FAILURE IN TRUSES, THE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN. ANY FAILURE AS ARCTING OF FRUSES.

IT I, OR FARRICATING, HANDLING, SHIPPING, HESTALLING A BRACTING OF FRUSES.

BESIGN COMPORED WITH APPLICABLE PROPERTIONS OF HOS (MALIDNALD DESIGN SPEC, BY ATARA) AND IFF. STRELL APPLY CONNECTOR PLAITS ARE MADE OF 20/18/16GA, CHAIPSSEY, ASTH ASSES OFFICIALISE COALIDE ON THIS DESIGN, POSITION PER DRAINGS 16GAV-Z.

CONNECTOR PLAITS ARE MADE OF 20/18/16GA, CHAIPSSEY, ASTH ASSES OFFICIALISES O

. 05. OO JCENS SONAL ENGINEE No. 66648 10 BC DL TC DL DUR.FAC TC LL SPACING TOT.LD. FL/-/4/-/-/R/-40.0 PSF 24.0" 1.25 10.0 PSF 20.0 PSF 10.0 PSF 0.0 PSF FROM DATE REF SEQN-JREF -HC-ENG DF/DF DRW HCUSR8228 10181029 Scale = .25"/Ft.

10338228202

124291

R8228-

1523

06/30/10

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

Bottom chord checked for 10.00 psf non-concurrent live load

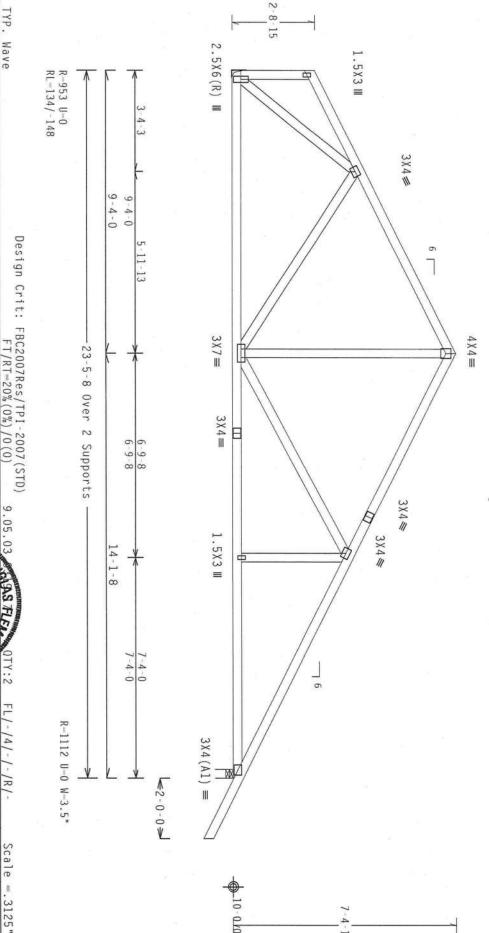
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

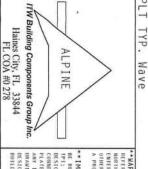
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

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.

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





HARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BOSI (BUILDING COMPONENT SAFETY IN-OPERATION), PUBLISHED BY IPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 13.2 ALLXANDRA, VA. 223.314 AND STREAK (AGODD TRUSS COUNCEL OF AMERICA, 6300 ENTERPRESE LANE, MADISON, 41 SAY19) FOR SAFETY PRACTICES PRIOR TO REFORMING THESE FUNCTIONS. WHLESS ONERHISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARTIS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARTIS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARTIS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARTIS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARTIS AND BOTTOM CHORD SHALL HAVE

OHERMISE INDICATE.

A PROPERLY ATTACHED RIGHD CEILING.

A PROPERLY ATTACHED RIGHD CEILING.

IMPORTANTPURNISH A CORY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONTRIBUTE.

PH; OR FARRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONTRIBUTE AND OF 20/18/166A (H.M.SS/K) ASTA DESIGN SPEC, BY ATARA) AND TPI. 114 BCG CONTRICTOR PLATES AND HER SAME OF 20/18/166A (H.M.SS/K) ASTA DESIGN SPEC, BY ATARA) CONTRIBUTE OF THE TAGE OF 18/16 AND OF

. 05 SOUCENSE STONAL ENGINEE No. 66648 BC LL BC DL TC DL TC LL DUR.FAC. SPACING FOT.LD. 40.0 1.25 20.0 PSF 10.0 PSF 0.0 10.0 PSF 24.0" PSF PSF

REF

06/30/10

Scale = .3125"/Ft REF R8228- 1524

HC-ENG

DF / DF

124200

DRW HCUSR8228 10181007

SEQN-

JREF -

1U338228Z02

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

Roof overhang supports 2.00 psf soffit load

In lieu of structural panels use purlins to brace all flat TC @ 0C.

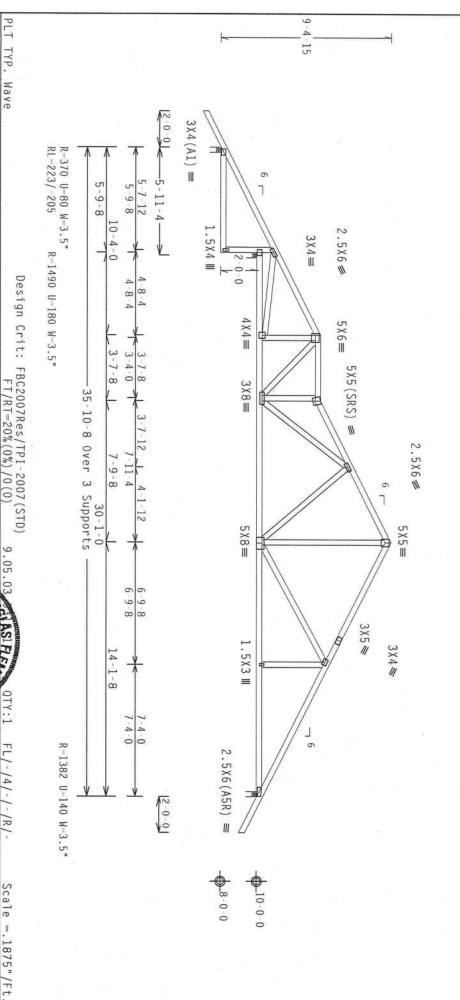
MWFRS edge. loads based on trusses located at least 15.00 ft. from roof

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART._ENC. 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, Iw=1.00 GCpi(+/-)=0.55

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. Creep increase factor for dead load is 1.50.



REFER TO BOST (BUILDING COMPONE)
MORTH LEE STREET, SUTIC 312, ALEXY
ENTERPRISE LANC, MADISON, WI 533
OTHERBUSE INDICATED TOP CHORD SHAAA
A PROPERLY ATTACHED RIGHD CELLING. **WARNING** IRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (FROSS PLATE INSTITUTE, Z218 MORTH LEE STREIT, SUITE 312, ALEXANDRÍA, VA, Z2314) AND MICA (4000) TRUSS COUNCIL O AMERICA, GADO ENTRES COUNCIL OF AMERICA, GADO ENTRES COUNCIL OF AMERICA, GADO ENTRES CRUMENTES INTENTAL SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTON CHORD SHALL HAVE

IMPORTANTSHRMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SEE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY TAILURE TO BUILTO THE TRUSS IN CONTORMACE THE CONTRACTANG. AMONUTAGE, SHEPPING, INSTALLING A BRACING OF TRUSSES.

TO F ABRICATATING, AMONUTAGE, SHEPPING, INSTALLING A BRACING OF TRUSSES.

TO FARELAND THIS APPLICABLE PROVISIONS OF BDS (MAITONAL DESIGN SPEC, BY ALFA) AND FP. CONNECTOR PLATES ARE MORE OF ZO/10/160A (M. 19/5/FF) ASHI ASS) GRAVE 40/50 (M. 19/15/F) ASHI ASS) GRAVE 40/50 (M. 19/15/F) ASHI ASS) GRAVE 40/50 (M. 19/15/F) ASHI ASS) GRAVE AND THIS DESIGN, POSITION WERE BRACHING PLATES TO EACH ACCOUNTY THE BRACHING PLATES TO EACH ACCOUNTY THE BRACHING PLATES AND MILES AND THE BRACHING PLATES TO EACH ACCOUNTY THE BRACHING PLATES TO EACH ACCOUNTY THE BRACHING PLATES AND THE SAME AS OF THE PROPERTY THE BRACHING PLATES TO EACH ACCOUNTY THE PROPERTY THE BRACHING PLATES TO EACH ACCOUNTY THE PROPERTY THE BRACHING PLATES THE PROPERTY THE SS IN COMPORMANCE WITH

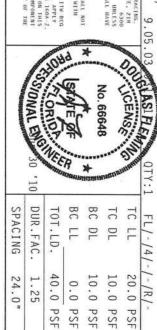
TW Building Components Group Inc.

DRAWING INDICATES

ALPINE

Haines City, FL 33844 FL COA #0 278

BY AKEAD AND IPI. ITH BEG (IV. K/N.SS) GALV. SIEEL APPLY IN. POSITION PER DRAWINGS 160A.Z., 2002 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT



FROM SEQN-

JREF -

10338228202

DATE REF

06/30/10 1525

R8228-

HC-ENG

DF / DF 124262

DRW HCUSR8228 10181036

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

Roof overhang supports 2.00 psf soffit load

Calculated horizontal deflection is 0.13" due to live load and 0.19" due to dead load.

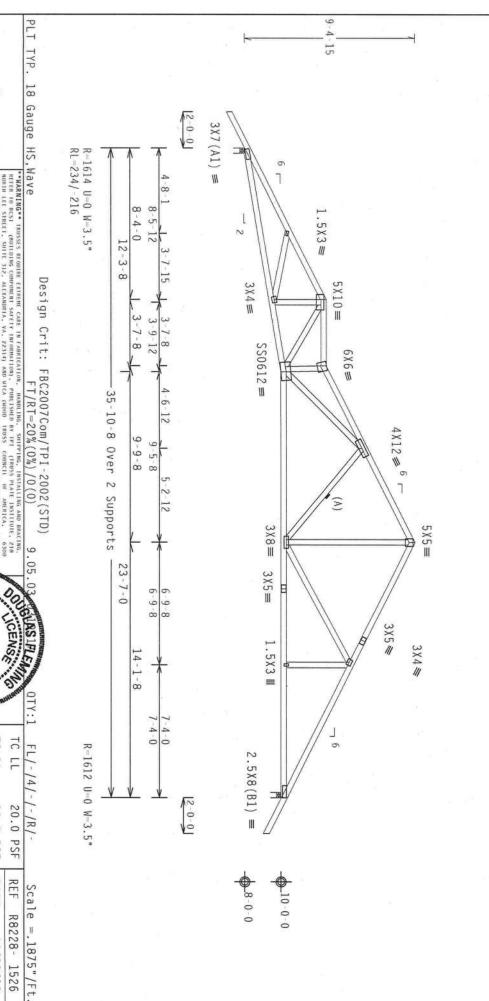
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$

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, Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C. (A) Continuous lateral bracing equally spaced on member

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



TW Building Components Group Inc.

PLATES TO EACH FACE OF

ALPINE

IMPORTANT submissi A cory of this distant of the instriction contractor.

BE RESONSTRUE FOR ANY REVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE BUFFT: ON FABRICATING, MANDING, SUPPING, INSTALLING A BRACING OF THRSSES. IN MESSION CONFIDENCE BESION SPEC. BY ANY CONNECTOR PLATES ARE MADE TO 20/18/19/60, (R. 19/55/P) ASTH ASSES (BADE 20/60 (H. F.)

CONNECTOR PLATES ARE MADE TO 20/18/16/60.

STATE OF THE STATE OF THE SEES.

WE GE HOS (MAILDMAN DESIGN SPEC, BY AFAPA) AND IPI.

OF HOS (MAILDMAN DESIGN SPEC, BY AFAPA) AND IPI.

WAS THOS (MAILDMAN DESIGN SPEC, BY AFAPA) AND IPI.

WAS THOS (MAILDMAN DESIGN SPEC).

L. APPLY

N CONTRACTOR. ITW BCG, INC. SHALL NOT BUILD THE TRUSS IN CONFORMANCE WITH

No. 66648

BC DL TC DL

10.0 PSF 0.0

DRW HCUSR8228 10181021

TC LL

10.0 PSF 20.0 PSF

DATE REF

06/30/10

R8228- 1526

BC LL

HC-ENG

DF / DF

124256

THIS DESIGN, POSITION PER DRAWINGS 160A-Z
OF FPI1-2002 SEC.3. A SEAL ON THIS
ONSIBILITY SOLELY FOR THE TRUSS COMPONENT

10

DUR.FAC

FROM SEQN-

TOT.LD.

40.0

PSF PSF

SPACING

24.0' 1.25

JREF -

1U338228Z02

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SUIPPING, INSTALLING AND BRACHNG, REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (IRUSS PLATE INSTITUTE, 218 NORTH LEE SIREET, SHITE IX, ALEXANDRIA, VA, 22134) AND MICA (4000D IRUSS COUNCIL OR AMERICA, 6300D FRIEDRING INTEST FUNCTIONS. UNLESS FAIRE PROPERTY COUNCIL OR AMERICA, CASOD FRIEDRING THE STREET, SHITE IX, ALEXANDRIA, VA, 22134) AND MICA SPRIOR TO PERFORMENTS, INTEST FUNCTIONS.

REFER TO BCS1 (BUILDING COMPONEN
ROBIN LEE STREET, SHITE 312, ALEXA
EMTERPRISE LAME, MADISON, WI \$37
OTHERRISE INDICATED THE CHORD SHAL
A PROPERLY ATTACHED RIGID CEILING.

Haines City, FL 33844 FL COA #0 278

C3)

Top chord 2x4 SP + Bot chord 2x4 SP + Webs 2x4 SP + #2 Dense #2 Dense :B1 2x6 SP #1 Dense: #3 :W6 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load

Calculated horizontal deflection is 0.13 due to live load and 0.19 due to dead load.

Bottom chord checked for 10.00 psf non-concurrent live load

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$

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

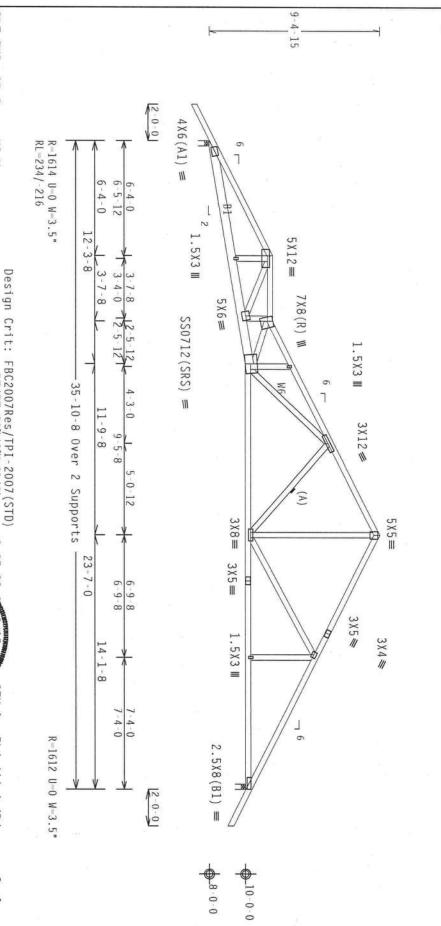
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member

In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C.

Calculated vertical deflection is 0.40" due to live load and 0.62" due to dead load at $\rm X=12\text{--}3\text{--}8$.



REFER TO BOSSI (BUILDING COMPONEN
MORPH LEE SIREET, SULTE 312, ALEXA
ENTERRISE LANE, HADISON, NI 537
OTHERBISE INDICATED TOP CHORD SHAL
A PROPERLY ATTACHED RIGID CEILING. **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, REFER TO BOSS (BUILDING COMPONENT SAFETY INFORNATION), I 22314) AND HICA (H HANDING, SHIPPING, HISTALLING AND BRACING, PUBLISHED BY PP (1805S PLATE INSTITUTE, 218 CURCIL OF AMERICA, 630C, S. PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS

ONLESS 000

FT/RT=20%(0%)/0(0)

PLT

TYP.

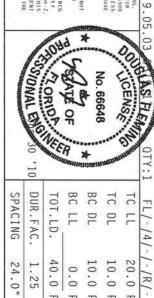
18 Gauge HS, Wave

BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FALLURE TO PPI; OR FARRICATING, MADELING, SHIPPING, INSTALLING A BRACING OF DESIGN COMPORES WITH APPLICABLE PROPERTIONS OF HOS KONTIONAL DESIGN COMMECTOR FLATES ARE MADE OF 20/10/16GA (M.H/SS/K) ASIM A653 GRAD **IMPORTANT**quentsn a copy of this besign to the installation confractor. I be besonshipe for any deviation from this design, any falloge to build the roos for a fabricating, manufaing, suitputing, isstalling a Bracing of fooses. ANY INSPECTION OF PLAIRS I OF NDS (NATIONAL DESIGN SPEC, BY AFAPA) AND TPL.
.H/SS/K) ASIM A653 GRADE 40/60 (H. K/H.SS) GALV. SIGN SPEC, BY ALAPA) AND IPE:
BRADE 40/50 (M. K/M.SS) GALV. SIEEL, APPLY
I-HIS DESIGN, POSITION PER DAAMINGS 160A-Z.
OF IPIT-2002 SEC.3. A SEAL ON HIS
ONSIBILITY SOLELY FOR THE IRUSS COMPONENT
AAY BUILDING IS THE RESPONSIBILITY OF THE SS IN COMFORMANCE WITH

ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL COA #0 278



40.0

PSF PSF

SEQN-

124249

FROM

0.0 10.0 PSF

HC-ENG

DF / DF

DRW HCUSR8228 10181032

10.0 PSF 20.0 PSF

DATE REF

06/30/10

1527

Scale = .1875"/Ft. R8228-

24.0" 1.25

JREF -

1U338228Z02

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Calculated vertical deflection is 0.45" due to live duel to dead load at X = 12.3-8.  
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  In lieu of OC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Defrection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP SS :B2 2x8 SP
:B3 2x4 SP #2 Dense:
Webs 2x4 SP #3 :W2 2x4 SP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Special loads
                               TW Building Components Group Inc.
                                                                                                                                                                             TYP.
Haines City, FL 33844
FL COA #0 278
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         From
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69.49 lb Conc.
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                                                                          ALPINE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               .32 lb Conc.
85 lb Conc.
                                                                                                                                                                         20 Gauge HS, Wave
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             structural panels use purlins to brace all flat TC @
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62 p
62 p
20 p
20 p
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c. Load at
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                                                                  TPT: OR FABRICATING, HANDLING, SHIPPING, I
DESIGN CONFORMS WITH APPLICABLE PROVISIONS
                                                                                **IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRI
                                                                                                                  A PROPERLY ATTACHED RIGID CEILING
                                                                                                                                  REFER TO BCS! (BUILDING NORTH LEE STREET, SUITE 3 ENTERPRISE LAME, MADISON,
                                                                                                                                                               **WARNING** TRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         6.40
t 8.40,10.40
t 4.40
t 6.40
t 8.40,10.40
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Dense:
                                                                                                                                SSES REGULAR EXIPENE CARE IN FARRICATION, UNDULING, SHIPPING, INSTALLING AND REACING, BUILDING COMPONENT SAFETY IN GRAVALOD), PUBLISHED BY THE LINUX PLAKE INSTITUTE, 218 SUILE 312, ALEXANDRIA, VA. 22314) AND PICA (GOOD TRUSS COUNCIL OF AMERICA, 6300 ANDISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
                                                                                                                                                                                         Design Crit:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              7.96
21.75
37.88
0.00
12.29
35.88
37.88
                                                 load
                                                                                                                                                                                         FBC2007Com/TPI-2002(STD)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            and 0.68"
                                                                                                                                                                           FT/RT=20%(0%)/0(0)
                                       OF IPI1-2002 SEC.3. A
                                                                                                                                                                                                                                                                                                                                                                                        2-0-0
                                                                                                                                                                                                                                                                                                                                                                                                                  4X5(A1)
                                                                                  SS IN COMFORMANCE WITH
                                                                                                                                                                                                                                                                                                                                            4-4-0
                                                                                                                                                                                                                                                 R-3257 U-360 W-3.5
                                                                                                                                                                                                                                                                                                                            4-4-0
                               RAHINGS 160A-Z
                                                                                                                                                                                                                                                                                                                                                                                          3X12≡
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                5 X 5 ≡
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             member. Attach one to each face w/10d Box or Gun (0.128\text{"x3",min.}) nails @ 6" OC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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, Iw=1.00 GCpi(+/-)=0.18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Roof overhang supports 2.00 psf soffit load
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Wind
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Nail Schedule:0.148"x3.25", min. nails
Top Chord: I Row @12.00" o.c.
Bot Chord: I Row @12.00" o.c.
Webs : I Row @ 4" o.c.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     due to dead load.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Calculated horizontal deflection is 0.12" due to live load and 0.18"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.
                                                                                                                                                                                                                                                                                                                                                                                                                                    H0510 (SRS) ≡
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPLETE
                                                                                                                                                                                                                                                                                                        2-3-8
                                                                                                                                                                           9.05.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            reactions based
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          #3 or better scab braces. Same size & 80% length of web
                                                                                                                                            COUDIAS FLER
      COSIONAL ENGINEE
                                                                                                                                                                                                                                                                                                                                                                                                        10X14 ≡
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1.5X3 III
                                                                                                                                           CENSE
                                                                                                                                                                                                                                                                                        35-10-8 Over
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TRUSSES
                                                                                                                                                                                                                                                                                                                                                             4-6-0
                                                                                                                                                                                                                                                                                                                         13-9-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           on MWFRS pressures
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4X10 ≠
                                                                                                                                                                                                                                                                                                                                            9-5-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              82
                             10
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                                                                                                                                                                                                                                                                                   Supports
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3 X 7 ≡
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5 X 5 =
                                                                                                    BC DL
                                                                                                                            TC DL
                             DUR.FAC.
                                                                                                                                                    TC LL
      SPACING
                                                     TOT.LD.
                                                                                                                                                                           FL/-/4/-/-/R/-
                                                                                                                                                                                                                                                                                                     23-7-0
                                                                                                                                                                                                                                                                                                                                                                                                                                      6X6≡
                                                                                                                                                                                                                                                                                                                                            6-9-8
                                                                                                                                                                                                                                                                                                                                                                9
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                                                      40.0
       24.0"
                             1.25
                                                                                                                                                     20.0 PSF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1.5/3
                                                                             0.0
                                                                                                    10.0 PSF
                                                                                                                             10.0 PSF
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                                                                                                                                                                                                                                                                                                                         [4 - 1 - 8]
                                                                             PSF
                                                     PSF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      =
                                                                                                                                                                                                                                                                                                                                             7-4-0
   JREF-
                             FROM
                                                                                                                            DATE
                                                                                                                                                    REF
                                                   SEQN-
                                                                             HC-ENG
                                                                                                    DRW HCUSR8228 10181023
                                                                                                                                                                                                                                               R=2208 U=254 W=3.5"
                                                                                                                                                                                                                                                                                                                                                                                                                                                       3X4(A1) \equiv
                                                                                                                                                                           Scale =.125"/Ft.
                                                                                                                                                    R8228-
                                                                                                                                                                                                                                                                                                                                                                                     200
       1U338228Z02
                                                                             DF / DF
                                                                                                                            06/30/10
                                                      124241
                                                                                                                                                    1528
                                                                                                                                                                                                                                                                                                                                                                                                                                                           8-0-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          10-0-0
```

Top p chord 2x4 SP | t chord 2x4 SP | Webs 2x4 SP | #2 Dense #2 Dense #3

Roof overhang supports 2.00 psf soffit load

In lieu of structural panels use purlins to brace all flat TC @ 0C.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

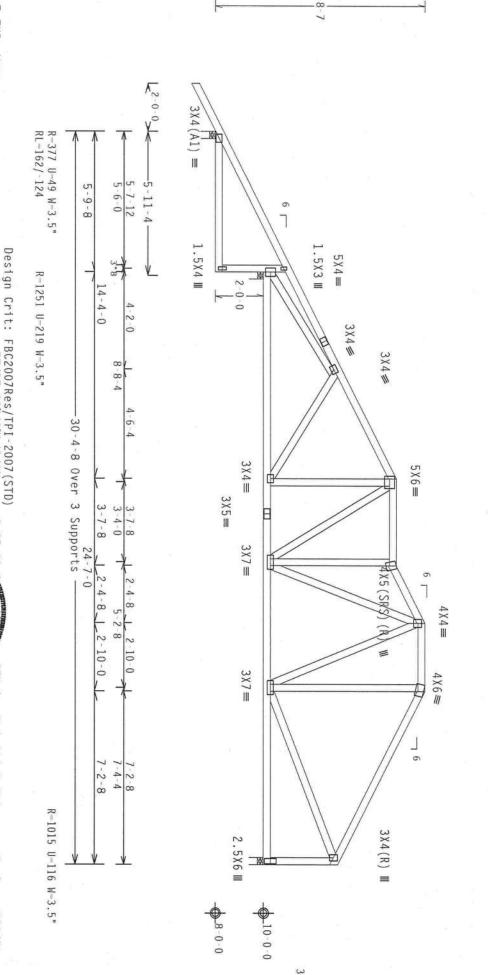
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART._ENC. bldg, not located within 4.50 ft from roof edge, CAT II. EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

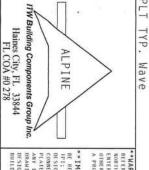
Right end vertical not exposed to wind pressure

Bottom chord checked for 10.00 psf non-concurrent live load

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



8

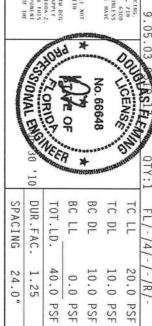


WARNING PRUSSES BEDUIRE EXIBERE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RELER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (FRUSS PLAKE INSTITUTE, 2788 MORTH LEE SIRELT, SUHE 137, ALEXANDRINA, VA, 22314) AND WITCA (1900) TRUSS COUNCIL OF AMERICA, 6300 ERRIEROR, MAISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HEST FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERTY ATTACHED TOP CHORD SHALL HAVE PROPERTY ATTACHED TOP CHORD SHALL HAVE PROPERTY ATTACHED FARELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED FARELS AND BOTTOM CHORD SHALL HAVE

FT/RT=20%(0%)/0(0)

IP1: 08 FABRICATHG, HANDLING, SHIPPING, INSTALLING A BRACING OF FBUSSES.
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MDS (MAIJONAL DESIGN SPEC. CONNECTOR PLAIES ARE MADE OF 20/18/160A (M.11/55/K) ASTM AGS3 GRAME 40/60 **IMPORTANT** PURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. I BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS SS IN COMFORMANCE WITH

PROVISIONS OF HDS (MATIONAL DESIGN SPEC, BY ATARA) AND IPI, JUSTIFICA (M. 11752/F) ASIM AGS3 GRADE 40766 (M. KJM.SS) GALV. S. D. UNILSS OTHERHISE (COATED ON HIS DESIGN, POSITION PER DR. BY (I) SHALL BE PER ANNEX A3 OF IPI1-2002 SEC.3. A



FROM

JREF -

10338228202

SEQN-

124284

HC-ENG DF/DF

DRW HCUSR8228 10181031

REF

1529

Scale = .25"/Ft. R8228-

DATE

06/30/10

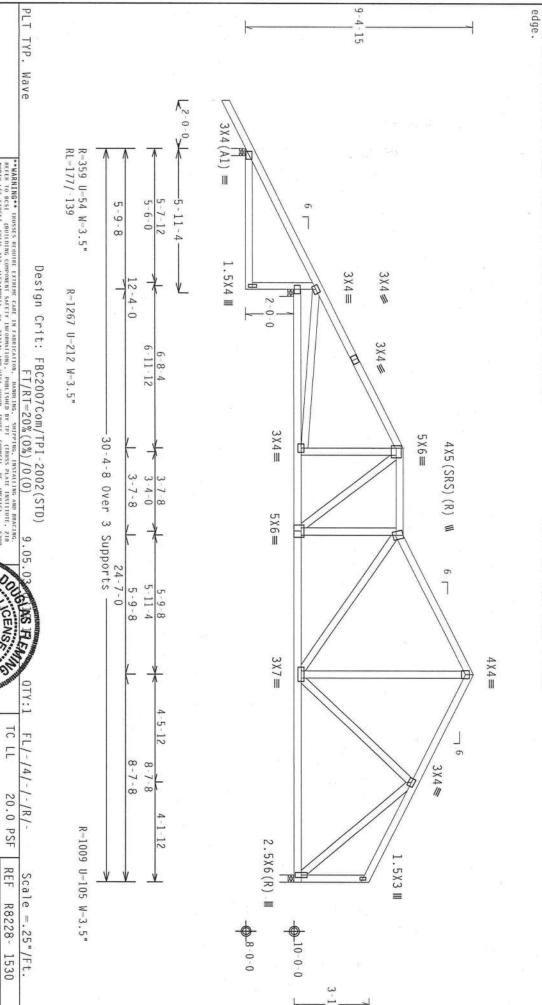
Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Roof overhang supports 2.00 psf soffit load #2 Dense #2 Dense #3

Wind reactions based on MWFRS pressures.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge. In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Greep increase factor for dead load is 1.50.



TW Building Components Group Inc.

ALPINE

** IMPORTANT*** NEBELSH, A COPY OF THIS DESIGN TO THE TESTALATION CONTRACTOR. THE MEG. THE SHALL NOT BE RESPONSIBLE FOR ANY OTVATION FROM THIS DESIGN: ANY FAILUNE TO BUILD THE TRUSS IN COMPORMANCE WITH THE DESIGN. SHIPTING, THISTALLING & BRACING OF TRUSSES.

RESIGN COMPORES WITH APPLICABLE PROVISIONS OF HOS (MAITONAL DESIGN SPEC, BY ALPAN) AND IPI.

RESIGN COMPORES WITH APPLICABLE PROVISIONS OF HOS (MAITONAL DESIGN SPEC, BY ALPAN) AND IPI.

RESIGN COMPORES WITH APPLICABLE PROVISIONS OF HOS (MAITONAL DESIGN SPEC, BY ALPAN) AND IPI.

HG OF TRUSSES.

DESIGN SPEC, BY AFAPA) AND TPI. THW BCG DESIGN SPEC, BY AFAPA, SHEEL, APPLY GRADE 40/60 (M. K/M.SS) GALY, STEEL, APPLY

THIS DESIGN, POSITION PER DRAWINGS 160A-Z
OF TPT1 2002 SEC.3. A SEAL ON THIS
WSIBILITY SOLELY FOR THE TRUSS COMPONENT

10

DUR.FAC.

FROM

TOT.LD.

40.0

PSF PSF

SEQN-

124276

SPACING

24.0" 1.25

JREF -

1U338228Z02

BC LL BC DL TC DL

0.0

HC-ENG

DF /DF

10.0 PSF 10.0 PSF

DRW HCUSR8228 10181034

DATE REF

06/30/10

WARNING RUSSES BEQUIRE LYBERE CARE IN FAMBLICATION, INMODING, SHIPPING, INSTALLING AND RRACING REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PHILLSHED BY TPI (TRUSS PLAIT INSTITUTE, 218 NORTH LEE SIREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (BOOD TRUSS COUNCIL OF AMERICA, GASOO ENTERPRISE LAME, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HESE FUNCTIONS. UNLESS OTHERWISE HOUGHEST HADSON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HESE FUNCTIONS. UNLESS OTHERWISE HOUGHEST AND ROTTON CHORD SHALL HAVE PROPERLY ALTACHED STRUCTURAL PARELS AND ROTTON CHORD SHALL HAVE PROPERLY ALTACHED STRUCTURAL PARELS AND ROTTON CHORD SHALL HAVE A PROPERLY ALTACHED REGID CELLING.

CENS

TC LL

20.0 PSF

R8228- 1530

No. 66648

Haines City, FL 33844 FL COA #0 278

Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Roof overhang supports 2.00 psf soffit load TW Building Components Group Inc. 10-136--Stanley Crawford Construc MAYFAIR LOT 28 Haines City, FL 33844 FL COA #0 278 ALPINE Wave **1**<-0-0> #2 Dense #2 Dense #3 $3X4(A1) \equiv$ R-1071 U-0 W-3.5" RL-131/-141 **IMPORTANT*** UNRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE GG, THE GRAVE NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS IN CONTORNANC WITH THE DESIGN CONFORMS HITM APPLICABLE PROVISIONS OF BUS (ALTIONAL DESIGN SPEC, BY ARADA) AND THIS TO SESSION CONFORMS HITM APPLICABLE PROVISIONS OF BUS (ALTIONAL DESIGN SPEC, BY ARADA) AND THIS THE GOOGLECORD PLATES ARE HADE OF 20/18/16/64. CHAPLES OF ASTA OF SERVE ADAPT OF ALTES ARE MADE OF 20/18/16/64. CHAPLES OF ASTA OF THIS SAID, BUSINESS OF AND AND ADAPT PLATES OF EACH FACE OF TRUSS AND, BULLYS OF THE BUSINESS COMPONENT OR ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AND FYLICABLE PROVIDED FOR THE BUSS COMPONENT OR ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AND FYLICABLE PROVIDED FOR THE BUSS COMPONENT. **WARNING** IRUSSES REQUIRE LYBERE CARE IN FARRICATION, HANDLING, SUPPING, HESTALLING AND BRACING, REFLE TO BEST (BUILDING COMPONENT SAFETY IRVENDATION), PHULLING DEP TH (TRUSS PLATE INSTITUTE, 220 MOBIL LEE STREET, SUITE 312, ALEXANDRAL, VA, 22313) AND WICA (0000) TRUSS COUNCIL OF AMERICA, 6200 ERIERPLIS LARE, MANISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HISSE FUNCTIONS. UNLESS OTHERWISE INJUGACIED FOR FORDER MALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE DRAWING INDICATES 6 Design Crit: FBC2007Com/TPI-2002(STD) FT/RT=20%(0%)/0(0) 8-8 11-3-8 1.5X3 ₩ 3X4= D1) 22-7-0 Over 2 Supports 3 \ 4 = 4 X 4 == 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, Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. MWFRS loads based on trusses located at least 15.00 ft. from roof .05.03SOUGH SELFLER ORIO SIGNAL ENGINEE 3 \ 4 = 1.5X3 ₩ 11 - 3 - 87-8-8 BC LL BC DL TC DL 9 DUR.FAC. TC LL SPACING TOT.LD. FL/-/4/-/-/R/-R-923 U-0 W-3.5" 40.0 10.0 1.25 10.0 20.0 PSF 24.0" 0.0 $3X4(A1) \equiv$ PSF PSF PSF PSF DATE REF SEQN-HC-ENG DRW HCUSR8228 10181026 JREF -Scale = .3125"/Ft. R8228- 1531 10338228202 DF / DF 5-11-15 06/30/10 124103

Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # PLT MWFRS edge. Truss passed check for 20 psf additional bottom chord live load areas with $42^{\prime\prime}$ -high x $24^{\prime\prime}$ -wide clearance. Roof overhang supports 2.00 psf soffit load ITW Building Components Group Inc. 10-136--Stanley Crawford Construc MAYFAIR LOT 28 TYP. Wave Haines City, FL 33844 FL COA #0 278 loads based on trusses located at least 7.50 ft. from roof ALPINE K 2 . Y #2 Dense #2 Dense #3 $3X4(A1) \equiv$ R=1106 U=106 W=3.5" RL=157/-157 ***IMPORTANT***UNMISSIA, CODY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE MCG. THAT AS THE RESONANCE FOR ANY FALLING A REACHEGO. ANY FALLING TO BRILLD THE RESONANCE FOR ANY FALLING A REACHEGO. THE SHOSS AN CONTRIBUTE FOR ANY FALLING. A REACHEGO THE SHOSS AN CONTRIBUTE FOR THE APPLICANT PROPERTY OF THE STANDARD RESONANCE FOR THE APPLICANT PROPERTY OF THE STANDARD RESONANCE OF ALLIES ARE MOST OF ROBINS AND AUTLESS OTHERWISE LOCATED ON THIS DESIGNA POSITION FER ORNAMINGS 190A Z. ANY THE SHOSS AND AUTLESS OTHERWISE LOCATED ON THIS DESIGNA POSITION FER ORNAMINGS 190A Z. ANY THE SHITCH OF PROPERTY OF THE SHIP AND A STANDARD RESONANCE THE SHIP **WARNING** IRUSSES BEOUIRE EXTREME CARE IN FABRICATION. JANDIUM, SHEPING, HEVALLING AND BRACING. REFER TO BOSS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FIT (IRUSS PLATE INSTITUTE, 2718 100.00 LOURS), ALEXANDRIA, VA, 22314) AND NICA (JOHOD TRUSS COUNCIL OF AMERICA, 6300 ERRIERERS LANE, MADISON, HI 5379) FOR SAFETY PRACTICES PRIOR TO PERFORMENG HIESE FUNCTIONS. UNLESS OTHERMISS INDICATED TOR CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED TOR CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED TOR CHORD SMALL HAVE PROPERLY ATTACHED TOR CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL PARELS AND B 8 8 Design Crit: FBC2007Com/TPI-2002(STD) FT/RT=20%(0%)/0(0) 11 - 3 - 81.5X3 ₩ 3 X 4 ≡ 22-7-0 Over 2 Supports 0 3 X 4 ≡ 4 X 4 = 3 \ 4 ≡ 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 GCpi(+/-)=0.18 Bottom chord checked for 10.00 psf non-concurrent live load Wind reactions based on MWFRS pressures. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 11-3-8 .05.03 TORNOL STEER ON LICENSE 8-8 R-1106 U-106 W-3.5" $3X4(A1) \equiv$ ٨ TC DL BC LL BC TC LL DUR.FAC. SPACING TOT.LD. V_ FL/-/4/-/-/R/-PL 40.0 10.0 20.0 PSF 1.25 10.0 PSF 24.0" 0.0 PSF PSF PSF DATE REF SEQN-JREF-HC-ENG DRW HCUSR8228 10181016 Scale = .25"/Ft. R8228- 1532 10338228202 DF / DF 06/30/10 124100

PLT TYP. In lieu of structural panels use purlins to brace all flat TC @ 0C. Top Bot Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$ Roof overhang supports 2.00 psf soffit load TW Building Components Group Inc. 10-136--Stanley Crawford Construc MAYFAIR LOT 28 p chord 2x4 SP | t chord 2x4 SP | Webs 2x4 SP | Haines City, FL 33844 FL COA #0 278 ALPINE Wave k2-0-0≥ #2 Dense #2 Dense #3 2X4(A1) =BE RESONSTBLE FOR ANY DEVIATION FROM THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BGG, INC. SHALL NOT BE RESONSTBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONCORMACE WITH FP. 1. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BDS (MATIONAL DESIGN SPEC, BY ARAN) AND TPI. THE BGG CONNECTOR PLATES ANT ANDE TO FOLIORISM (A. U.H.USS), DEAD SEADE 40/60 (M. X.M.E.S), DATE TO FACE OF TRUSS AND, UNITES OTHER HES LOCATED ON THIS BESIGN, POSITION FEE BRANDINGS 160A. A SEAL ON THIS DEAD OF PLATES OF LOCATED ON THIS BESIGN, POSITION FEE BRANDINGS 160A. ANY MERSECTION OF PLATES OF LOCATED ON THIS BESIGN, POSITION FEE BRANDINGS 160A. ANY MERSECTION OF PLATES OF LOCATED ON THIS BESIGN, POSITION FEE BRANDINGS 160A. ANY MERSECTION OF PLATES OF LOCATED ON THIS BESIGN, POSITION FEE BRANDINGS 160A. ANY MERSECTION OF PLATES OF LOCATED ON THIS SEAL OF PLATES AND MERSECTION OF PLATES OF LOCATED ON THIS SEAL OF PLATES AND MERSECTION OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLETY FOR THE THREE FORMACE. **HARNING** IRUSSIS REQUIRE EXTRENE CARE IN FABRICATION, LHARDLING, SHIPPING, INSTALLING AND BRACING. RELER TO BCSI (BUILDING COMPORENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 218 WORTH LLE STREET, SUITE 312, ALEXANDRAL, VA, 223-214) AND WICA (MODOL TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LIME, ANDISON, NI 53719) FOW SAFETY PRACTICES PRIOR TO PERFORMING HISSE FUNCTIONS. UNLESS OTHERHISE INDICATED TOP COMOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND MOTION CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND MOTION CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND MOTION CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND MOTION CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND MOTION CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND MOTION CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND MOTION CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND MOTION CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND MOTION CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND MOTION CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND MOTION CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND MOTION CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND MOTION CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND MOTION CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND MOTION CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND MOTION CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND MOTION CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND MOTION CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND MOTION CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND MOTION CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND MOTION CHORD SHALL PARELS AND M R=388 U=0 W=3.5" RIR=MZI PLF8 U=2 PLF W=9-11-0 5-3-0 5-5-8 -5-8 Design Crit: FBC2007Com/TPI-2002(STD) FT/RT=20%(0%)/0(0) 1.5X3 3X4# 2-4-8 3X4# D2) 10-12 22-7-0 Over 4 Supports 3 \ 4 ≡ R-718 U-43 W-3.5" 3 X 4 ≡ 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, Iw=1.00 GCpi(+/-)=0.18 Bottom chord checked for 10.00 psf non-concurrent live load Right end vertical not exposed to wind pressure. Wind reactions based on MWFRS pressures. MWFRS loads based on trusses located at least 15.00 ft. from roof SS 1880 0059 日 9 .05. GOUGLAS! FLEA 1-8 CENSE No. 66648 BEINER 1.5X3 Ⅲ 10-2-8 3X7= TC DL TC LL DUR.FAC. BC SPACING TOT.LD. FL/-/4/-/-/R/ DL R=492 U=58 W=3.5" 1.25 40.0 20.0 PSF 24.0" 10.0 10.0 PSF 0.0 2.5X6 3 \ 4 = PSF PSF PSF DATE REF SEQN-JREF -HC-ENG DRW HCUSR8228 10181043 Scale =.3125"/Ft R8228- 1533 10338228202 DF / DF 06/30/10 124106

(10-136--Stanley Crawford Construc MAYFAIR LOT 28 * H50)

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

Roof overhang supports 2.00 psf soffit load

In lieu of structural panels use purlins to brace all flat TC @ 0C.

THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF, FLOOR AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. DIAPHRAGMS AND SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS ARE TO BE PROVIDED BY THE BUILDING DESIGNER.

MEMBER TO BE LATERALLY BRACED FOR OUT OF PLANE WIND LOADS TO TRUSS. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.

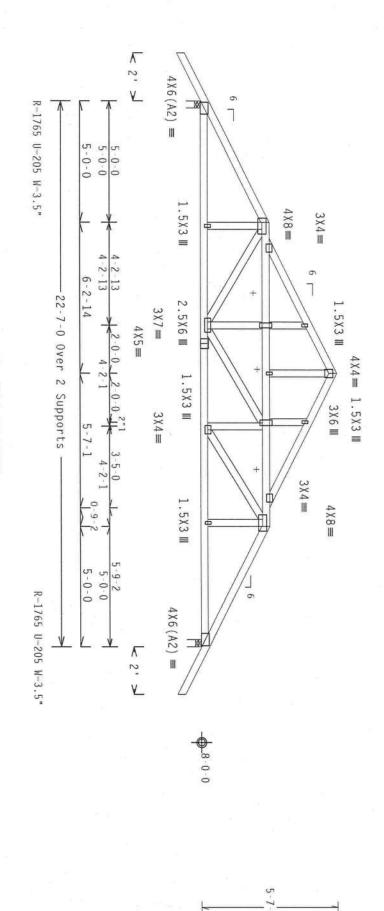
See DWGS All015050109 & GBLLETIN0109 for more requirements.

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 MWFRS pressures.

Boston hip supports 5-0-0 jacks to BC. TC supports 1-0-0 overhang

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: FBC2007Com/TPI-2002(STD) FT/RT=20%(0%)/0(0)

TYP.

Wave

WARNING IRUSSES PEQUIPE CITEFIC CARE IN FABRICATION, BETER TO BCSI. QUILLDING COMPONENT SAFETY INFORMATION). NORTH LEE STREET, SUITE 312, ALEXANDERA, VA. 22334) AND UT ENTERPRISE LAME, MADISON, HI 52719) FOR SAFETY PRACTICES OTHERMISE INDICALED TOP COMED SHALL HAVE PROPERLY ATTACHED A PROPERLY ATTACHED REGID CELLING. 312. ALEXANDETA, VA. 22314) AND WICK (MODD TRUES COUNCIL OF AMERICA. 6300 , WI \$3719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HESE FUNCTIONS. UNLESS CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE NFORMATION). PUR 22314) AND WICA PUBLISHED BY THE TRUSS FLATE INSTITUTE, 218
PUBLISHED BY THE TRUSS FLATE INSTITUTE, 218
ATCA (MODE) TRUSS COUNCIL OF AMERICA. 6300

IMPORTANT*UNINTSH A CODY OF THIS DESIGN TO THE THEFALATION CONTRACTOR. THE REG. HIC. SHALL HOLD BE RESPONSIBLE FOR ANY OFFICIAL WIND THE RESPONSIBLE FOR ANY OFFICIAL WIND THE RESPONSIBLE FOR ANY OFFICE ANY FALLENGE TO BRILLD HE RUSS IN CONFORMANCE WITH PIT; OR FARBICACHING, MANNETHS, SHIPPING, HESTALLING A BRACCHS OF HUSSES. HE RUSS IN CONFORMANCE WITH APPLICABLE PROPERTIONS OF HOS (MATERIAL AND ENGLE BY ACEAN) AND TPL.

DESIGN CONFORMS HITH APPLICABLE PROPESSIONS OF HOS (MATERIAL BY A GRACE BY ACEAN) AND TPL.

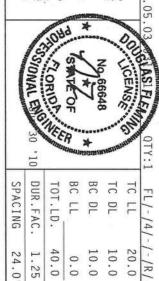
THE HOST OFFI THE ARE MOST OF TRUSS AND. BULLES OFFI HAS SO GRACE BY ACEAN, DESIGNA POSITION FER ENABLINGS FOR A SEAL ON THE STREET, DOWN OF PACHES TO LICEORDE HE BY AND AND TRUSCHED HE BY A SEAL AS OF THE TOWN SEC. 3. A SEAL ON THIS SECOND OF PACHES TO LICEORDE HE BY AND AND THE TOWN SEC. 3.

DRAWING INDICATES DZ SEC.3. A SEAL ON IHIS SOLELY FOR THE TRUSS COMPONENT

TW Building Components Group

ALPINE

Haines City, FL 33844 FL COA #0 278



	10					
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF- 1U338228Z02	FROM AH	SEQN- 124481	HC-ENG DF/DF	DRW HCUSR8228 1018104	DATE 06/30/10	REF R8228- 1534

Scale = .25"/Ft.

10-136--Stanley Crawford Construc MAYFAIR LOT 28 * E-GE

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

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

Roof overhang supports 2.00 psf soffit load

See DWGS A140GC020109 & A140GS020109 for more requirements

o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6. 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 notchable area using 3x4 tie-plates 24"

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART._ENC. 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(+/-)=0.55

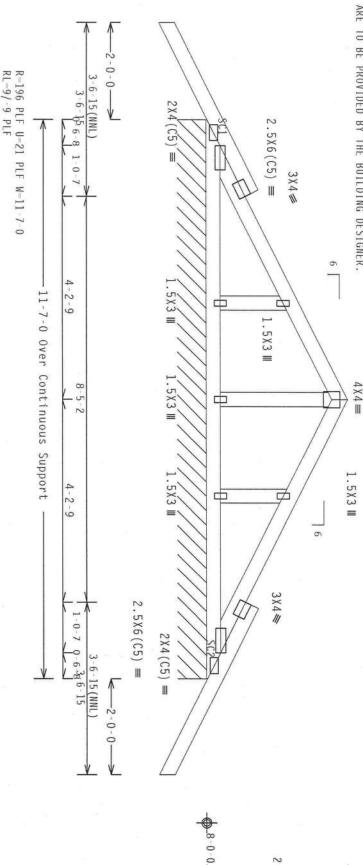
Wind reactions based on MWFRS pressures

Truss spaced at 24.0" OC designed to support 2-0-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

Bottom chord checked for 10.00 psf non-concurrent live load

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.





Design Crit: FBC2007Com/TPI-2002(STD) FT/RT=20%(0%)/0(0) /RT=20%(0%)/0(0)

9

TYP.

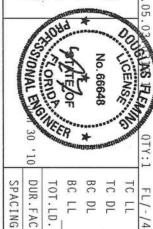
Wave

NORTH LEE STREET, SUITE 31 ENTERPRISE LANE, MADISON, OTHERWISE INDICATED TOP CH **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION.

REFER TO BCS! (BUILDING COMPONENT SAFETY INFORMATION). PROPERLY ATTACHED RIGID CEILING GUINE CENERYE CARE IN FAMELCATION, INAMBLING, SHIPPING, INSTALLING AND BRACHG, NG COMPONERY SELTY WINCOMATION), PHEN SELT OF (TRUSS PALE INSTELLE, 218 2. 312. ALEXANDRIA, VA. 22314) AND WICA (MOD) ERRISS COUNCIL OF AMERICA, SOUNCIL SCHOOL SHALL HAVE PROPERTY ATTACHE STRUCTURAL PARLES AND ROTTOM CHORD SHALL HAVE HALL HAVE HALLESS 000

ERESPONSIBLE FOR MAY DEPLATION FROM THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEPLATION FROM THIS DESIGN. ANY MALIDRE TO BUILD THE THOSE IN COMPONENCE WITH FPI; OR FABRICATION, AND DIG. SHIPPIRE, INSTALLING A BRACING OF TRISES.

BESIGN COMPONES WITH APPLICABLE PROPYISIONS OF DIDS (MATIONAL DESIGN SPCE, BY MATAN) AND TPI. BESIGN CONNECTOR PAIRES ARE MADE OF ZOLOGIAGN (PAIRES) AND TRISES. DESIGN PROPITION FOR BOMATHON SPCE, APPLY PLATES TO EACH FACE OF TRUES AND, UNITES OFFICENCY AND THIS DESIGN. POSITION FOR BOMATHON SECONDARY AND THE MATENDARY AND THE SECONDARY AND THE



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124374

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1U338228Z02

20.0 10.0 PSF

PSF

Scal

e = .5"/Ft. R8228- 1535

DATE REF

06/30/10

DUR.FAC. 40.0 1.25 24.0" PSF

TW Building Components Group

ALPINE

Haines City, FL 33844 FL COA #0 278

Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # Bottom chord checked for 10.00 psf non-concurrent live load Roof overhang supports 2.00 psf soffit load TW Building Components Group Inc. 10-136--Stanley Crawford Construc MAYFAIR LOT 28 TYP. Wave Haines City, FL 33844 FL COA #0 278 ALPINE **←**2-0-0> #2 Dense #2 Dense #3 2X4(A1) =M IP); OF FARICATING, MANDITHS, SUIPPING, HISTALLING A BRACING OF TRUNKES, BY ALRAYI AND TPI. THE BGG BESTGE CONFIGENCE WITH APPLICABLE PROMISEDORS OF HIS GRATINGAL BROKE ADJAC OF ALLASS GALV STEEL, APPL PLATES TO EACH FACE OF BUSS AND, BUILES OFFERNINGS TOWN HIS BESIGN FOSTION PER BRAHINGS 166A-Z PLATES TO EACH FACE OF BUSS AND, BUILES OFFERNINGS TOWN HIS BESIGN FOSTION PER BRAHINGS 166A-Z PARTIES OF PARTIES OF BUSSHOWN HIS SOURCE OF BRAHINGS AND THE BUSSHOWN FOSTION PER BRAHINGS AND THIS BESIGN FOSTION PER BRAHINGS AND THE BRAHINGS AND THE BESIGN FOSTION PER BRAHINGS AND THE BESIGN FOSTION PER BRAHINGS AND THE **HARNING** IRUSSES BEQUERE EXERENE CARE IN FABRICATION, HANDLING, SHIPPING, HISTALING AND BRACING, BEFER TO BEST. (BUILDING COMPONENT IN SAFLY INFORMATION), PUBLISHED BY FY (TRUSS PLATE HISTIDIE, 2718 NORTH LEE STREET, SUITE 372. ALEXANDRA, VA, 227314) AND MICA (ROOD BRUSS COUNCIL OF AMERICA, 6300 EMPERICA, BUILDING, HISTORIAN, HISTORIAN, SAFLY PRACTICES PRIOR TO PERFORMING HESE FUNCTIONS. UNLESS OHNERMISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS. **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE THISTALLATION CONTRACTOR. BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRI RL=143/-143 R-467 U-100 W-3.5" VALUE INDICATES 6 Design Crit: FBC2007Com/TPI-2002(STD) FT/RT=20%(0%)/0(0) 8-5-4 8 -5-4 9-11-4 1.5X3 4-7-6 19-10-8 Over 3 Supports 3 X 4 = BUILD THE TRUSS IN COMPORMANCE WITH R-893 U-182 W-3.5" W 3 \ 4 ≡ 4 X 4 ≡ 0-0 3 \ 4 ≡ SHALL NOT 110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART._ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpi(+/-)=0.55 Wind reactions based on MWFRS pressures Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. . 05 1.5X3 9-11-4 No. 66648 CENS 8-5-4 R-592 U-128 W-3.5" 2X4(A1) =BC LL BC DL TC DL DUR.FAC. TC LL SPACING TOT.LD. FL/-/4/-/-/R/-M 1€2-0-0> 40.0 1.25 20.0 PSF 10.0 PSF 0.0 10.0 PSF 24.0" PSF PSF SEQN-DATE REF FROM DRW HCUSR8228 10181015 8-0-0 JREF -HC-ENG DF/DF Scale = .3125"/Ft R8228- 1536 1U338228Z02 06/30/10 124382

Top chord Bot chord Note: All Plates Are 1.5X3 Except As Shown. THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF, FLOOR AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. DIAPHRAGMS AND SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS ARE TO BE PROVIDED BY THE BUILDING DESIGNER. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Roof overhang supports 2.00 psf soffit load Bottom chord checked for 10.00 psf non-concurrent live load See DWGS A140GC020109 & A140GS020109 for more requirements. :Stack Chord SC1 TW Building Components Group Inc. 10-136--Stanley Crawford Construc TYP. Wave chord 2x4 SP chord 2x4 SP Webs 2x4 SP Haines City, FL 33844 FL COA #0 278 ALPINE **€2-0-0** #3 2x4 SP #2 Dense::Stack Chord SC2 #2 Dense 3-6-15 (NNL 3-6-15 $2X4(C5) \equiv 6$. 5 X 6 ** INPORTANT*** UNINESSA CORY OF THIS DESIGN TO THE TRISTALLATION CONTRACTOR. THE REG. THE C. SHALL NOT BE RESONESTED FOR ANY PARTICULATION FROM HIS DESIGNE, ANY FALLER TO BRILD THE TRUSS. IN COMPORANCE WITH PRIS. SECOND THE TRUSS AND CONTROL SHIPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HOS (MATIROAL DESIGN SPEC. BY ARMYA AND TPL. THE RECOMMENDED TO THE CONTROL OF THE SECOND THE SE R-158 PLF U-34 RL-17/-17 PLF REFER TO BOSSI (BUILDING COMPONEN
MORTH LEE STREET, SUITE 312, ALEXA
ENTERPRISE LAME, MADISON, WI 537
OTHERHISE INDICATED TOP CHORD SHAL
A PROPERLY ATTACHED RIGID CELLING. DRAWING INDICATES 6-8-0-3X4# MAYFAIR LOT 28 PLF Design Crit: W-8-7-0 5-4 2x4 SP -4-5 FBC2007Res/TPI-2007(STD) #2 Dense 19-10-8 F-GE /RT=20% (0%) /0 (0) 3 X 4 == 0ver 6X10(R) ■ 22 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT IN THE RESPONSIBILITY OF THE 16-8-10 5 X 4 ≡ 3-0-0 N Supports 3 X 4 ≡ 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 notchable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface. plate length 110 mph wind, 15.00 ft mean hgt, anywhere in roof, CAT II, EXP B, psf. Iw=1.00 GCpi(+/-)=0.55 Gable end supports 8" max rake overhang using 3x6. perpendicular to chord length. Splice top chord in notchable area Wind reactions based on MWFRS pressures 9 .05 α SOUCENSE 4-5 OSIONAL ENGINEE No.66648 α 5 4 2X4(C5) =2.5X6(C5) 9 3 X 4 ≈ R=554 U=110 W=3.5" ASCE 7-05, PART._ENC. bldg, Located wind TC DL-5.0 psf, wind BC DL-5.0 1-0-0-6-BC LL DUR.FAC. BC TC DL TC LL SPACING TOT.LD. 3-6-15 (NNL) DL 6 **^2-0-0**▼ 15 40.0 20.0 PSF 1.25 10.0 10.0 PSF 24.0" 0.0 PSF PSF PSF SEQN-DATE REF FROM HC-ENG DRW HCUSR8228 10181014 JREF -Scale = .3125"/Ft R8228-1U338228Z02 DF / DF 06/30/10 124377 1537

Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # Bottom chord checked for 10.00 psf non concurrent live load. Roof overhang supports 2.00 psf soffit load ITW Building Components Group Inc. 10-136--Stanley Crawford Construc TYP. Wave Haines City, FL 33844 FL COA #0 278 ALPINE 2X4(A1) = R=334 U=76 W=3.5" RL=128/-117 #2 Dense #2 Dense #3 **WARNING** TRUSSES REQUIRE CIRREME CARE IN FARRICATION, HANDING, SHIPPING, HISTAILING AND BRACING, REFER TO BCS! (BUILDING COMPORAL) SAFETY MEDINATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, WA, 22315) AND WICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ERRIFERISE LANE, MADISON, HI 55779) FOR SAFETY PRACTICES PRIOR TO PERFORMING HESE FUNCTIONS. UNLESS OHIERMISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATLACHED STRUCTURAL PARELS AND ROTTOM CHORD SHALL HAVE PROPERLY ATLACHED STRUCTURAL PARELS AND ROTTOM CHORD SHALL HAVE PROPERLY ATLACHED STRUCTURAL PARELS AND ROTTOM CHORD SHALL HAVE PROPERLY ATLACHED STRUCTURAL PARELS AND ROTTOM CHORD SHALL HAVE **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG. THE SHALL I BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH DRAWING INDICATES 9 MAYFAIR LOT 28 8-5-4 9-11-4 Design Crit: 1.5X3 FBC2007Res/TPI-2007(STD) FT/RT=20%(0%)/0(0) 19-10-8 Over 3 Supports 3 \ 4 ≡ R-878 U-179 W-3.5" W 4 X 4 == 3 X 4 ≡ 3-0-0 3 \ 4 = SHALL HOT 110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART._ENC. 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, Iw=1.00 GCpi(+/-)=0.55 Wind reactions based on MWFRS pressures Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. .05.03OO UCENSE TO USIONAL ENGINEE No. 66648 1.5X3 € 9-11-4 -5-4 BC LL BC DL TC DL DUR.FAC. TC LL SPACING TOT.LD. FL/-/4/-/-/R/-R-598 U-132 W-3.5" 2X4 (Å1) 40.0 1.25 20.0 PSF 10.0 10.0 PSF 0.0 24.0" 1 2-0-0-> PSF PSF PSF DATE REF FROM SEQN-HC-ENG DRW HCUSR8228 10181017 JREF-Scale = .375"/Ft. R8228- 1538 1U338228Z02 DF / DF 06/30/10 124387

Top chord 2x4 SP | Bot chord 2x6 SP | Webs 2x4 SP | Special loads TW Building Components Group Inc. 10-136--Stanley Crawford Construc TYP. Haines City, FL 33844 FL COA #0 278 From 1013.07 1011.57 1002.62 973.16 1 960.28 1 936.98 1 From From Lumber ALPINE Wave 2.5X6(A1) =P Dur.Fac.-1.25 / F 62 plf at 0.00 62 plf at 9.94 62 plf at 0.00 64 plf at 0.00 6 999 Conc. Conc. Conc. #2 Dense #2 #3 Conc. Load at 145 c. Load at 11.10 c. Load at 13.10 . Load at 15.10 . Load at 17.10 . Load at 17.10 RW-37 U-0 W-3.5" ** IMPORTANT ** DEBLEM A COPY OF THIS DESIGN TO THE TRISLALIDE CONTRACTOR.

BE RESPONSIBLE TORM ANY DEVIATION FROM THIS DESIGN. ANY FALIDRE TO BUILD THE BEE

BET RESPONSIBLE TORM ANY DEVIATION FROM THIS DESIGN. ANY FALIDRE TO BUILD THE BEE

BET ON FAMILIATING, HANDLING, SHIPPING, INSTALLING A BRACTING OF TRUSSES.

BESTOR COMFORMS WITH APPLICABLE PROFISIONS OF HOS (MATIONAL DESIGN SPEC, BY ARA

CONNECTOR PLAISE ARE HADE OF ZO/JR/16GA (H.H/ZS/JR) ASTH ASSA GRADE 40/80 (H. K.) **WARNING** IRUSSIS BEQUIRE EXTREME CARE IN FARRICATION, MARGING, SUIPPIUG, HISTALLING AND BRACING.
REFER TO BEST (BUILDING COMPORENT SAFETY PROPERATION), PUBLISHED BY FIT (TRUSS PLAIF INSTITUTE, 218
MORTH LEE STREET, SHITE 137, ALEXANDRAL, WA, 22314) AND WICA (MODD TRUSS COUNCIL OF AMERICA, 6300
ENTERPRISE (ANIL, HADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIESE FUNCTIONS. UNLESS
OTHERWISE INDICATED FOR COMED SMALL MANE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL MANE
A PROPERLY ATTACHED REGID CELLING. DRAHING INDICATES U 3-14 0.1 Dur.Fac MAYFAIR LOT 28 plf at 9-11-4 2.5X8 Design Crit: .=1.25) L 9.94 L 19.88 L 19.88 3×6 / = NDS (MATIONAL DESIGN SPEC, BY AREA), AND TPL. THY BGG YSSYK) ASTH A653 GRADE 40/60 (M. K/M.SS) GALV. STEEL, APPLY TERMISE LOCALED ON THIS DESIGNE, POSITION PER BRAHINGS 16GA-Z L BE PER ANNEX A3 OF TPIT-2002 SEC.3. A SEAL ON THIS 3-1-6 FBC2007Res/TPI-2007(STD) FT/RT=20%(0%)/0(0) 4-7-6 19-10-8 Over 3 Supports F3-GDR /RT=20% (0%) /0 (0 O BUILD THE IBUSS IN COMFORMANT TRUSSES. R=4660 U=671 W=3.5' **4**X5(R) 4X6(R) Ⅲ 3-0-0 4 X 4 ≡ A SEAL ON THIS
OF TRUSS COMPONENT
ONSIBILITY OF THE 4X5(R) ORMANCE WITH SHALL NOT 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, Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind Nail Schedule:0.148"x3.25", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 6.25" o.c.
Webs: 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting. = COMPLETE reactions based on MWFRS pressures .05 3-1-6 STONAL ENGRIEE 2.5X8 No. 66648 3X6# CENSE 9-11-4 TRUSSES REQUIRED 5-3-14 TC DL DUR.FAC. TC LL SPACING 0T.LD. FL/-/4/-/-/R/-DL R-3020 U-560 W-3.5" 2.5X6(A1) 1.25 40.0 20.0 PSF 10.0 10.0 PSF 24.0" 0.0 PSF PSF PSF III DATE REF JREF -FROM SEQN-HC-ENG DRW HCUSR8228 10181019 Scale = .375"/Ft. R8228- 1539 1U338228Z02 DF/DF 06/30/10 124392

Top chord 2x4 SP Bot chord 2x4 SP 10-136--Stanley Crawford Construc #2 Dense #2 Dense MAYFAIR LOT 28 J1)

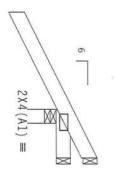
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$

Roof overhang supports 2.00 psf soffit load

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART._ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures

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



R=-35 Rw=24 U=30 +30 -6R=-110 Rw=440U±063 +8-6-11

2-0-0-1-0-0 Over 3 Supports R=361 U=86 W=3.5" RL=34/-28

Design Crit: FBC2007Com/TPI-2002(STD)FT/RT=20%(0%)/0(0)

TYP.

Wave

HARNING TRUSSES BEQUIFE CYMERIC CARE IN FARRICATION, RETER TO RCSI (BUILDING COMPONENT SAFETY IN ORDATION). TO ROTH LEE SIREET, SUITE 312, ALEXANDRIA, WA. 22314) AND MY ENTENDERSE LAME, MADISON, MI 52379) FOR SAFETY PRACTICES OFFICENS SHALL HAME PROPERLY ATTACHED A PROPERLY ATTACHED REGID CILLING. EVERENE CAME IN FARRICATION, HANDING, SHIPPING, INSTALLING AND REACHEG.

POWER SAFETY HOMORATION), PHRILISINE BY FPI (FIRST PLANTIS, PLANTIS, COMPACT, OF AMERICA, SADO

ALEXANDRIA, VA. 2231A) AND MICA (PORD) FRUSS COUNCIL OF AMERICA, SADO

SANCIA PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNKESS

SANCIA INAVE PROPERTY ATLACEDOS SERECUBAL PAREES AND BOTTOM CHORDS SHALL HAVE

IMPORTANT*UBBISI A CORP OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE MCG. SHALL NOT BE RESPONSIBLE FOR ANY MYNATION FROM THIS DESIGN; ANY FAILURE TO BRILD THE RUSS IN COMPORMANCE HITTED PT: ON FARRICALING, MANUFAC, NETWORK, NEVALUE AND FRUSES.

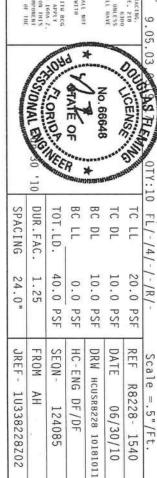
PSIGH CONFIGERS HITH APPLICABLE PROVISIONS OF MUS (NATIONAL DESIGN SPEC, BY ALEAD), AND THE CONTROL OF THE STATE AND FRUSES.

CONNECTION PAIRS ARE MOST BY \$9/18716ACM (PL/1978), ASTA MCS SHARE 40/40 (PL/1978), GALV. SHEEL APPLICABLE OF THE SESSION AND THE STATE AND THE SESSION AND THE STATE AND THE SESSION AND THE SESSION AND THE STATE AND THE SESSION AND THE SESSI

TW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL COA #0 278



DF / DF

124085

R8228- 1540

06/30/10

PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$ Hipjack supports 5-0-0 setback jacks with no webs. Top chord 2x4 SP Bot chord 2x4 SP TW Building Components Group 10-136--Stanley Crawford Construc Haines City, FL 33844 FL COA #0 278 ALPINE Wave #2 Dense #2 Dense **IMPORTANT***USBNISH A COPY OF THIS BESIGN TO THE INSTALLATION CONTRACTOR. THE NGG, INC. SHALL NOT BE RESONASIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY TALIDNE TO BUILD THE TRUSS IN COMPORMANCE WITH IP: OR FARBLICATION, UNGINEDING, SHIPPING, INSTALLING OF TRUSSES.

DESIGN CONFIDENCY HIM APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY AFADA) AND TPI, THE BCG CONNECTOR PLATES AND AND TRILLABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY AFADA) AND TRILLABLE OF CONNECTOR PLATES AND AND ADDRESS OF MOS (MATIONAL DESIGN SPEC, BY AFADA) AND TRILLABLE OF ADDRESS OF TABLES AND ADDRESS OF THE SECOND SPECAL AND THE SECOND SPECAL AN V PROPERLY ATTACHED RIGID CEILING MAYFAIR LOT 28 Design Crit: 2X4(A1) =4.24 [\mathbb{W} R-349 U-50 W-4.95" FBC2007Com/TPI-2002(STD) FT/RT=20%(0%)/0(0) * HJ5) 7-0-14 Over 3 Supports Provide (2) 16d common nails $(0.162^n \times 3.5^n)$, toe nailed Provide (2) 16d common nails $(0.162^n \times 3.5^n)$, toe nailed 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 MWFRS pressures SOUCENSE! STONAL ENGINEE No. 66648 R-77 U-0 R=207 U=54 DUR.FAC. BC LL ВC TC DL TC LL SPACING TOT.LD. FL/-/4/-/-/R/-DL ģ 24.0" 1.25 40.0 PSF 20.0 PSF 10.0 PSF 0.0 10.0 PSF 14 10-6-6 PSF 8-0-0 at Top chord. at Bot chord. DATE REF FROM SEON-JREF -HC-ENG DRW HCUSR8228 10181025 Scale =.5"/Ft. R8228- 1542 1U338228Z02 DF / DF 06/30/10 124408

10-136--Stanley Crawford Construc MAYFAIR LOT 28 ر 33

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

Roof overhang supports 2.00 psf soffit load

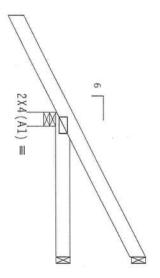
Bottom chord checked for 10.00 psf non concurrent live load.

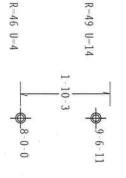
Provide (Provide (2) 16d common nails (0.162"x3.5"), toe nailed at Top chord. 2) 16d common nails (0.162"x3.5"), toe nailed at Bot chord.

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 MWFRS pressures

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.







Design Crit: FBC2007Com/TPI-2002(STD) FT/RT=20%(0%)/0(0) 9

PLT

TYP. Wave

REFER TO BOSS. (BUILDING COMPONENT SAFITY II
NOOTH LEE STREET, SUITE 312, ALEXANDRIA, VA.
EHTERPRISE (AME. MANISON, 41 53719) FOR SA
OTHERWISE INDICATED TOP CHORD SMALL HAVE PRO
A PROPERLY ATTACHED RIGHD CELLING.

IMPAGNTANT(BRINTS) A CODY OF THIS DESIGN TO THE TRESLATATION CONTRACTOR. THE BCG. HE. SHALL MIND BE RESPONSIBLE FOR ANY DEVIALON FROM HIS DESIGN. ANY FALINE TO BUILD HE FRUSS IN CONTORNACE WITH PT: ON FARBICACHING, MANULON, SUIPPING, INSTALLING, REACHING, DEBUSSES.

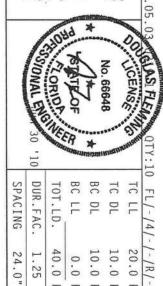
PT: ON FARBICACHING, MANULON, SUIPPING, INSTALLING, A BRACHEG OF RUSSES.

PT: ON FARBICACHING, MANULON, SUIPPING, INSTALLING, A BRACHEG OF RUSSES, BY ALFAN, AND OPPING THE PT: OF STALLING, AND OPPING THE HEAD OF PAPING THE AND AND OPPING THE BOARD AND OPPING TO COMMETCION PARTS AND AND OPPING THE BOARD AND OPPING TO COMMETCION PARTS AND ADDRESS OF PAPING TO CALLING THE BOARD AND OPPING THE BOARD AND OPPIN DESIGN SHOWN. THE SHITABILITY AND USE OF BUILDING DESIGNER PER ANSI/IPI I SEC. 2.

TW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL COA #0 278



20.0 PSF

Scale =.5"/Ft.

R8228- 1543

DATE REF

06/30/10

10.0 10.0 PSF

DRW HCUSR8228 10181010

0.0

HC-ENG

DF / DF

PSF PSF PSF

SEQN-

124124

1.25 40.0

AH

24.0"

JREF -FROM

10338228202

PLT TYP. Top chord 2x4 SP Bot chord 2x4 SP Provide Bottom chord checked for 10.00 psf non-concurrent live load. Roof overhang supports 2.00 psf soffit load Provide ((10-136--Stanley Crawford Construc TW Building Components Group Inc. ALPINE 2) 16d common nails (0.162"x3.5"), toe nailed at Top chord. 2) 16d common nails (0.162"x3.5"), toe nailed at Bot chord. Wave #2 Dense #2 Dense **IMPORTANT** TUBNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, THC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE FRUSS IN COMFORMAGE WITH IP; OR FARELCATING, MANDELIG, SHIPPING, HISTALL HIGH, A BRACING OF HUSSES.

DESIGN CONTROLOR PLATES ARE MADE OF 20/18/15GA (M.1/8/S/K) ASTH ASS GRADE 87GC, BY AFAD) AND TP; HIGG CONNECTOR PLATES ARE MADE OF 20/18/15GA (M.1/8/S/K) ASTH ASS GRADE 87GC, BY AFAD) AND TP; ALTES OF ALTES ARE MADE OF 20/18/15GA (M.1/8/S/K) ASTH ASS GRADE 87GC, BY AFAD) AND TP; ALTES OF ADMINISTRATION OF PLATES OF A STALL OF THE SECONDAL HIGG SECONDAL OF THE PLATES OF A STALL OF THE BUSS COMPONENT OF THE PLATES OF A STALL OF THE SECONDAL HIGG SECONDAL THE SUITABILITY OF THE PROPERLY ATTACHED RIGID CETLING MAYFAIR LOT 28 2-0-0-Design Crit: FBC2007Com/TPI-2002(STD) FT/RT=20%(0%)/0(0) 2X4(A1) =R-377 U-34 W-3.5" RL-80/-39 \mathbb{M} 6 5-0-0 Over ** EJ5) 3 Supports 110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 9 .05 R-87 U-0 R-120 U-33 COSSUAS FLEA CENSE No. 66648 RIGINEER 10 ₩10-6-11 OTY:20 FL/-/4/-/-/R/-8-0-0 10 DUR.FAC. BC LL BC DL TC DL TC LL TOT.LD. 1.25 40.0 PSF 20.0 PSF 10.0 PSF 0.0 10.0 PSF IC DL-5.0 psf, PSF REF SEQN-DATE FROM HC-ENG DRW HCUSR8228 10181048 Scale =.5"/Ft. R8228- 1544 DF / DF 06/30/10 124473

Haines City, FL 33844 FL COA #0 278

SPACING

24.0"

JREF - 1U338228Z02

edge. MWFRS loads based on trusses located at least 7.50 ft. from roof Bottom chord checked for 10.00 psf non-concurrent live load Roof overhang supports 2.00 psf soffit load Top chord 2x4 SP Bot chord 2x4 SP ITW Building Components Group Inc. 10-136--Stanley Crawford Construc TYP. Haines City, FL 33844 FL COA #0 278 ALPINE Wave #2 Dense #2 Dense A PROPERTY ATTACHE PROMETED A CORY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. THE, SHALL NOT BE RESPONSIBLE FOR MY DEPLATION FROM THIS DESIGN, ANY FACLURE TO BUILD THE FORS MY DESIGNABLE HITH PRISE FOR MY DEPLATION FROM THIS DESIGNABLE TO BRIDD THE FOR MY DEPLATION FROM THE PROPERTY.

BESTON SHE FARE CALLED, HANDLING, SHIPPING, INSTALLING, BRACHING OF BUSINES.

BESTON CHAPTERS HITH APPLY LOCALL PROPERTY SHOWS AND THIS THE FORM AND THE THE BRACHES HORAL SHEEL, APPLY CONNECTOR PLATES OF THE FOR SHEEL, APPLY AND THIS DESIGNABLE FOR THE FORM TO SHEEL, APPLY ALTER TO AGAIN AS COLORED BY CONSIDERING HOME AND THE FORM THE FORM THE BUSINESS HORAL OF THIS DESIGNABLE THE BUSINESS CORPORER HIT SHOWS A CHAPTER OF THE FORM ***HARNING** IRUSSIS REQUIRE LYTERE CARE IN FABRICATION, IMADILIA, SHIPPIUG, HISTAILIAG AND BRACING.
REFER TO BEST (BUILDING COMPONENT SAFITY INFORMATION), PUBLISHED BY FPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 LINTERPRIST LAME, MADISON, MI 52319) FOW SAFITY PRACTICES PRIOR TO PERFORMING HIST FUNCTIONS. UNLESS OTHERWIST LOUGHLED FOR THE SHALL HAVE PROPERLY ANTACHED STRUCTURAL PARELS AND ROTTON CHORD SHALL HAVE A PROPERLY ANTACHED REGION CHILD. DRAWING INDICATES ACCEPTANCE OF PROFESSION DESIGN SHOWN. THE SUITABILLITY AND USE OF BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2. -2-0-0-MAYFAIR LOT 28 Design Crit: FBC2007Res/TPI-2007(STD) FT/RT=20%(0%)/0(0) $2X4(A1) \equiv$ R-450 U-33 W-3.5" RL-104/-44 \mathbb{M} 6 EJ7 7-0-0 Over 3 Supports 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, Iw=1.00 GCpi(+/-)=0.18 Provide (2) 16d common nails(0.162"x3.5"), toe nailed Provide (2) 16d common nails(0.162"x3.5"), toe nailed Wind reactions based on MWFRS pressures. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 9 .05.03 OU LICENSE LORIOT ILE No. 66648 R-182 U-49 R-127 U-0 0TY:9 BC LL TC DL DUR.FAC. ВС TC LL SPACING TOT.LD. FL/-/4/-/-/R/-PL ₩11-6-11 8-0-0 1.25 20.0 PSF 40.0 PSF 10.0 PSF 24.0" 0.0 10.0 PSF PSF at Top chord. at Bot chord. DATE REF SEQN-JREF -FROM HC-ENG DRW HCUSR8228 10181012 Scale =.5"/Ft. R8228- 1545 1U338228Z02 DF / DF 06/30/10 124116

10-136 - Stanley Crawford Construc MAYFAIR LOT 28 J5)

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

Roof overhang supports 2.00 psf soffit load

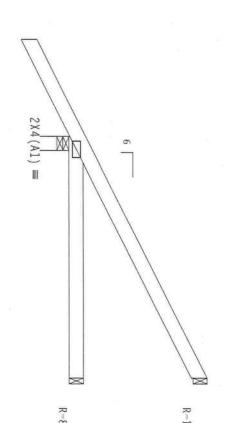
Bottom chord checked for 10.00 psf non-concurrent live load.

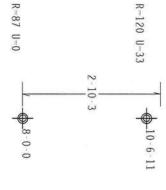
Provide (2) 16d common nails (0.162"x3.5"), toe nailed at Top chord. 2) 16d common nails (0.162"x3.5"), toe nailed at Bot chord.

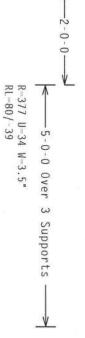
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.







Design Crit: FBC2007Res/TPI-2007(STD) FT/RT=20%(0%)/0(0)

TYP.

Wave

HARNING TRUSSES REQUIRE CENTRETE CARE IN FABRICATION, INADITION, SHIPPING, HISTALLING AND RRACING, RETER TO RESS! (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (TRUSS FLATE HISTITUE, 210 MORTH LEE SIRREI, SUITE 312, ALEXANDEDA, VA. 22314) AND NICA (ROOD TRUSS COUNCIL OF AMERICA, 6300 ERRIERESE LAHE, MADISON, NI 53719) FOR SAFETY PRACITIES PRIOR TO PEFORNHUG THESE FUNCTIONS. UNLESS OTHERHISE INDICATED TO PEROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

IMPORTANTCHBRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. HC. SHALL NOT BE RESPONSIBLE FOR ANY DEVALUOR FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PIT: OR FLABELOTHOR. SHIPPING. INSTALLIGE AS DEATHS OF TRUSSES.

DESIGN CONFECURING. AND HILL APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY AFRA) AND THI. THE BCG CONNECTOR PLATES ARE MODE TO 20/18/16/06 (M. 11/55/V). ASTH AGS (BANE 40/60 (M. K.ML-SS) GAV. SHELL APPLY PLATES TO EACH FACE OF TRUSS AND. MILLS OHIGHLES FOR MILL BESIGN. POSITION FER BRANDINGS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FER ANNEX AS OF THI-2002 SEC. J. A SEAL ON THIS DRAHMED SHOW. DESIGNATION OF PLATES FOLLOWED BY (I) SHALL BE FER ANNEX AS OF THI-2002 SEC. J. A SEAL ON THIS DRAHMED SHOW. DESIGNATION OF PLATES FOLLOWED BY (I) SHALL BE FER ANNEX AS OF THI-2002 SEC. J. DESIGNATION OF PLATES FOLLOWED BY (I) SHALL BE FER ANNEX AS OF THI-2002 SEC. J. BY ANY DESIGNATION OF PLATES FOLLOWED BY (I) SHALL BY FER ANNEX AS OF THI-2002 SEC. J. BY ANY DESIGNATION OF PLATES FOLLOWED BY A SEAL ON THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/IFI I SEC. Z.

ITW Building Components Group

ALPINE

Haines City, FL 33844 FL COA #0 278

9 05.03 GOURNAS FL TC DL BC LL BC TC LL FL/-/4/-DL

> 10.0 PSF 20.0 PSF

DATE

06/30/10

REF

Scale =.5"/Ft. R8228- 1546

10.0 PSF

DRW HCUSR8228 10181009

SEQN-

124121

HC-ENG

DF / DF

FROM

JREF -

1U338228Z02

S THE RESPONSIBILITY OF THE		KPA) AND IPI. IIH BEG /H.SS) GALY. SIEEL. APPLY SITION PER BRAHINGS 160A-Z.	RUSS IN COMFORMANCE WITH
UNDARAGE	NOISES	NON TON	STATE
AND THE PERSON NAMED IN	A	RIOP	E OF
DEPOSITS OF THE PARTY OF THE PA	OF OS WELL BANGO 10	RIOPINE	E OF
SPACING	AL ENS 30 '10 DUR.FAC. 1.25	TOT.LD.	BC LL

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

Roof overhang supports 2.00 psf soffit load

Bottom chord checked for 10.00 psf non-concurrent live load

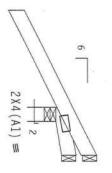
Shim all supports to solid bearing.

Provide Provide 16d common nails $(0.162^n \times 3.5^n)$, toe nailed at Top chord. 16d common nails $(0.162^n \times 3.5^n)$, toe nailed at Bot chord.

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 MWFRS pressures

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



R--46 Rw-23 U-36 -8 8 6-6 R=-99 Rw=39 0=881Z→8-6-11

2-0-0-1-0-0 Over 3 Supports R-361 U-83 W-3.5" RL-35/-29

Design Crit: FBC2007Res/TPI-2007(STD) FT/RT=20%(0%)/0(0)

TYP.

Wave

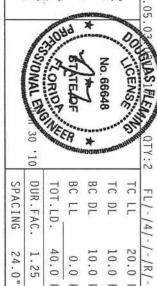
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION.
RETER TO BEST (BUILDING COMPONENT SAFITY INFORMATION).
MOBIN LEE STREET, SUITE 313, ALEXANDRA, VA. 72314) AND WITE
ENTERPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES REFER TO BCS! (BUILDING COMPONEN
MORTH LEE STREET, SUITC 332, ALEXA
ENTERPRISE LAME, MADISON, HI 537
OTHERWISE INDICATED TOP CHORD SHAL
A PROPERLY ATTACHED RIGID CELLING. OUTSE EXTREME CARE IN LABBICATION. HANDLING, SHIPPING, INSTALLING AND BRACING, COMPONENT SAFITY INFORMATION), PUBLICATION FOR THE PROPERTY OF THE HEALTH AND MICK, (MOOD TRUES COUNCIL OF ARREITING, AND MICK, (MOOD TRUES COUNCIL OF ARREITING, AND MICK, (MOOD TRUES COUNCIL OF ARREITING, AND MICK, MICKES AND BUTTOM COMPONENT OF THE MICKES AND BUTTOM CANDON COMPONENT OF THE MICKES AND COMPONENT OF THE MICKES AND CANDON COMPONENT OF THE M

IMPORTANTTUBBLISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE FRUSS IN COMPORMANCE WITH

ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL COA #0 278



40.0 1.25

SEQN-

124452

24.0"

JREF -

1U338228Z02

FROM

10.0 PSF 20.0 PSF

DATE

06/30/10

REF

Scale =.5"/Ft. R8228- 1547

10.0 PSF 0.0 PSF PSF

DRW HCUSR8228 10181049

HC-ENG DF/DF

PLT TYP. Provide (2) 16d common nails $(0.162^*x3.5^*)$, Provide (2) 16d common nails $(0.162^*x3.5^*)$, Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ Hipjack supports 4-4-0 setback jacks with no webs Top chord 2x4 SP Bot chord 2x4 SP (10-136--Stanley Crawford Construc MAYFAIR LOT 28 TW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278 ALPINE Wave #2 Dense #2 Dense *** IMPORTANT** quents a cory of this design to the installation confector. The dec. that enc. shall not be responsible for an orbitalist supplied. He seems that the loss in component with price of another than the component with the provisions of any called of prince and the seems with applicable provisions of any called and seed and called any called and the component of the provisions of any called and seed any called any **WARNING** TRUSSES BEQUITE LITREME CARE IN FABRICATION, INADILIDA, SUIPPING, HSTAILING AND BRACING.
REFER TO BCST (BUHIDING COMPONENT SAFETY INFORMATION), PUBLISHED BY DET (TRUSS PLATE HISTITUE, 278
NORTH LEE STREET, SUITE 312. ALEXANDRIA, VA, 22314) AND NICA (MODD TRUSS COUNCIL OF AMERICA, 6300
ERHEEPRIST LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERWIST HOLDSLAFE TOP CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE
A PROPERTY ATTACHED TOP CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE 2-9-15 Design Crit: toe nailed at Top chord. toe nailed at Bot chord. 4.24 2X4(A1) =R-358 U-57 W-4.95" \mathbb{W} ** FBC2007Res/TPI-2007(STD) FT/RT=20%(0%)/0(0) 6-1-9 Over 3 Supports 1.41 110 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. lw=1.00 GCpi(+/-)=0.18 Shim all supports to solid bearing. Wind reactions based on MWFRS pressures. 9 . 05 OOUCENSE SONAL ENGINEE No. 6664 R=43 U=0 R=138 U=36 .10 BC LL BC TC DL TC LL DUR.FAC. SPACING TOT.LD. FL/-/4/-/-/R/-D ₩8-0-0 8-8-3 _10-2-6 20.0 PSF 1.25 40.0 PSF 10.0 10.0 PSF 24.0" 0.0 PSF PSF DATE REF FROM SEQN-JREF -HC-ENG DF/DF DRW HCUSR8228 10181050 Scale =.5"/Ft. R8228- 1548 1U338228Z02 AH 06/30/10 124459

Top chord 2x4 SP Bot chord 2x4 SP (10-136--Stanley Crawford Construc MAYFAIR LOT 28 #2 Dense #2 Dense ** J3A)

Roof overhang supports 2.00 psf soffit load

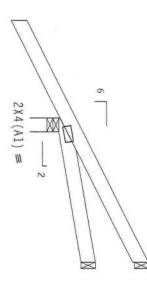
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

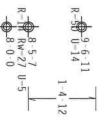
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord. 2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

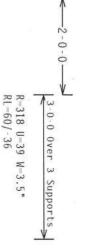
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Shim all supports to solid bearing







Design Crit: FBC2007Com/TPI-2002(STD) FT/RT=20%(0%)/0(0)

9

Scale =.5"/Ft.

PLT

TYP.

Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING, SUPPING, INSTALLING AND BRACING, REFER TO REST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FFT (TRRSS PLATE INSTITUTE, 219 MORTH LEE SIREE, SUITE 123. ALEXANGRAL, VA, 2213) AND WICA (4000D TRUSS COUNCIL OF AMERICA, 6300 ERRIERORS LAME, MANISON, MI 5379) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. DWLESS OTHERWISE INDICATED TOP CHORD SMALL MANE PROPERLY ATTACHED TOP CHORD TOP CHORD SMALL MANE PROPERLY ATTACHED TOP CHORD TOP CHORD SMALL MANE PROPERLY ATTACHED TO CHORD SMALL MANE PROPERLY ATTACHED TOP CHORD TOP CHORD SMALL MANE PROPERLY ATTACHED TOP CHORD TOP C

IMPORTANT* UBMISH A COPY OF THIS BESIGN TO THE INSTALLATION CONTRACTOR. THE MCG. HEC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FALLUNE TO BUILD THE TRUSS IN COMPORMANCE WITH PICE OF FARELAND THE APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRA) AND TPI.

DESIGN CONFERENCE HELD APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRA) AND TPI.

DELIGIS TO EACH FACE OF TRUSS AND, UNLESS OTHERS IN CONTED ON THIS DESIGN, POSITION FER URMAINGS HOMA-TOPLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERS IN CONTED ON THIS DESIGN, POSITION FER URMAINGS HOMA-TOAND TREFETION OF PLATES FOLLOWED BY (1) SHALL BE FER ANKEX AS OF TPIT-2002 SEC.3. A SEAL ON THIS

DEALING UNDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLLY FOR THE RUSS COMPONENT

DESIGN SHOWN.

HE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

. 05 SOUCENS, TIE No. QTY:2 7C = FL/-/4/-/-/R/-

-	1 EN 30 '10	RIOP	OF CP	*	66648	ENSCHOOL
SP/	DUI	TO.	ВС	ВС	TC	TC
SPACING	DUR.FAC.	TOT.LD.	BC LL	DL	DL	TC LL
24.0"	1.25	40.0	0.0	10.0	10.0	20.0
0"	01	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF.	FROM	SEQN-	HC-EN	DRW	DATE	REF
JREF- 1U338228Z02	АН	124456	HC-ENG DF/DF	DRW HCUSR8228 10181051	06/30/10	R8228- 1549

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

10-136--Stanley Crawford Construc MAYFAIR LOT 28 * EJ4

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

Hanger specified assumes connection to supporting chord is located 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" $\,$ 0C.

Shim all supports to solid bearing

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

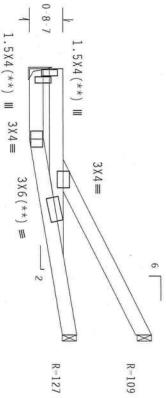
> (**) 3 plate(s) require special positioning. Refer plot details for special positioning requirements. 0.1 scaled plate

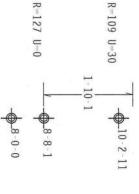
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

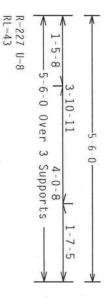
Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.







Design Crit: FBC2007Res/TPI-2007(STD) FT/RT=20%(0%)/0(0) 9

TYP.

Wave

WARNING IRUSSES REQUIRE EXIBERE CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BOST (QUILDING COMPONENT) SAFIFY INFORMATION), PUBLISHED BY FFI (TRUSS PLATE INSTITUTE, 2218 NORTH LITE STREET, SUITE 132. ALEXANDRAL, VA, 22314) AND WICA (GOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERNISE LANE, MADISON, HI 52719) FOR SAFIFY PRACTICES PRIOR TO PERFORMING HESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TO CHORD SHALL HAVE PROPERLY ATTACHED TO CHORD SHALL HAVE PROPERLY ATTACHED TO CHORD SHALL HAVE PROPERLY ATTACHED.

IMPORTANT*URBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY TAILURE TO BRILD THE 1803S IN COMPORMANCE BYTHM IP: OR FABRICATHO. MANUFULOS, SHIPPING., INSTALLING A BRACING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALFAN) AND IPI. THE BCG CONNECTION PLATES ARE MOST OF 20/18/180A (M.1/187A) ASTA MCS GRADE 40/60 (M. X/N.SS) GAV. SHEEL. APPLY PLATES TO EACH FACE OF THISS AND. UNLESS OTHERWISE COCATED BY HIS DESIGN, BOSTION PER BRANINGS 180A-2. ANY INSPECTION OF FALES AND UNLESS OTHERWISE COCATED BY HIS DESIGN, BOSTION PER BRANINGS 180A-2. ANY INSPECTION OF FALES AND UNLESS OTHERWISE COCATED BY HIS DESIGN, BOSTION PER BRANINGS 180A-2. ANY INSPECTION OF FALES AND LOCATED BY 113 DESIGN, BOSTION FER DRANINGS 180A-2. ANY INSPECTION OF FALES AND LOCATED BY 113 DESIGN, BOSTION FER DRANINGS 180A-2. ANY INSPECTION OF FALES AND LOCATED BY 113 DESIGN, BOSTION FER DRANINGS SOMPONERY.

ONSIBILITY OF

ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL COA #0 278

. 05 ON ICENTER

	NAL EN 30 '10	ORIO	TEOF SERMIN	A minim		ENSA
SP,	DUI	10.	BC.	ВС	TC	TC
SPACING	DUR.FAC.	TOT.LD.	BC LL	DL	DL	TC LL
24.0"	1.25	40.0 PSF	0.0	10.0	10.0 PSF	20.0 PSF
)"	0.	PSF	0.0 PSF	10.0 PSF	PSF	PSF
JREF-	FROM	SEQN-	HC-EN	DRW H	DATE	REF
JREF- 1U338228Z02	АН	124230	HC-ENG DF/DF	DRW HCUSR8228 1018103	06/	R8228- 1550
228202		230		1018103	06/30/10	1550

181039

Scale =.5"/Ft.

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

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

Bottom chord checked for 10.00 psf non-concurrent live load

Shim all supports to solid bearing.

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

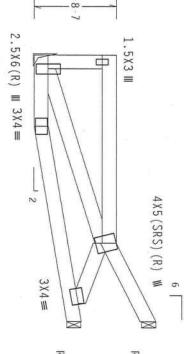
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

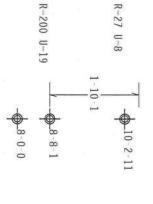
Wind reactions based on MWFRS pressures.

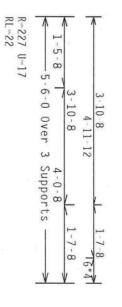
In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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







Design Crit: FBC2007Res/TPI-2007(STD) FT/RT=20%(0%)/0(0)

TYP.

Wave

WARNING PRUSSES REQUIRE EXTREME CARE IN FABRICATION, IMANDEING, SHIPPING, INSTALLING AND BRACING, REFER TO BOST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FIT (TRUSS PLATE HISTITUTE, 2718 MORTH LEE SIREET, SUITE 317, AELSANDRA, VA, 22314) AND MICA (MORD TRUSS COUNCIL OF AMERICA, 62000 ERREBRISE LAME, MADISON, MI 52719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIEST FUNCTIONS, UNLESS OTHERMISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND ROTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND ROTTON CHORD SHALL HAVE

BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY ANALYSIS OF FRUNCES.

THI: ON FAMPLICATING, MARDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN COMPORERS WITH APPLICABLE PROVISIONS OF MISS (MATIONAL DESIGN SPIC, BY AFRAY) AND TPI.

CONNECTOR PLATES ARE MADE OF 20/18/16GA (B.H/SS/K) ASTM A653 GRADE 40/60 (H. K/M.SS) GALV. STEEL, APPLY

FLATES TO EACH FACE OF HURSS AND, MURESS OTHERWISE COCATED ON THIS DESIGN, POSITION PER DRAWHINGS 16GA-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER MANEY AS OF TPIL-2002 SEC.3. A SEAL ON THIS

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER MANEY AS OF TPIL-2002 SEC.3. A SEAL ON THIS

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER MANEY AS OF TPIL-2002 SEC.3. A SEAL ON THIS

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER MANEY AS OF TPIL-2002 SEC.3. A SEAL ON THIS

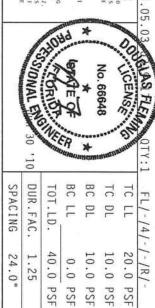
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER MANEY AS OF TPIL-2002 SEC.3. A SEAL ON THIS

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER MANEY AS OF TPIL-2002 SEC.3. A SEAL ON THIS

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER MANEY AS OF TPIL-2002 SEC.3. A SEAL ON THIS

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER MANEY AS OF TPIL-2002 SEC.3. A SEAL ON THIS

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER MANEY AS OF TRUSTED BY THE FROM SCOPPORTY. **IMPORTANT**FURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE RCG. THE, SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH



PSF PSF

JREF -FROM SEQN-

1U338228Z02

DATE REF

06/30/10

Scale = .5"/Ft. R8228- 1551

DRW HCUSR8228 10181042

HC-ENG

DF / DF

124225



ITW Building Components Group

ALPINE

Haines City, FL 33844 FL COA #0 278

10-136--Stanley Crawford Construc MAYFAIR LOT 28 EJ48

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

Left end vertical not exposed to wind pressure

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

Shim all supports to solid bearing.

Provide Provide 16d common nails $(0.162^n \times 3.5^n)$, toe nailed at Top chord. 16d common nails $(0.162^n \times 3.5^n)$, toe nailed at Bot chord.

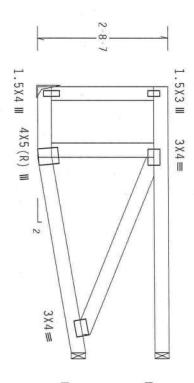
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

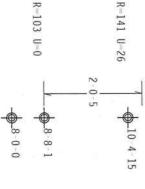
Wind reactions based on MWFRS pressures.

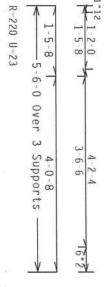
Bottom chord checked for 10.00 psf non-concurrent live load

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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







Design Crit: FBC2007Res/TPI-2007(STD) FT/RT=20%(0%)/0(0)

PLT

TYP.

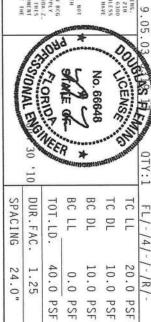
Wave

RETER TO BEST (BUILDING COMPONENT MOBILILE STREET, SUITE 312, ALFXANI ENTERPRISE LAME, MADISON, MI 53719 OTHERWISE INDICATED TOP CHORD SMALL A PROPERLY ATTACHED REGID CETLING.

TW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL COA #0 278



FROM SEQN-

JREF -

10338228702

HC-ENG

DF / DF

124220

DRW HCUSR8228 10181040

REF

R8228- 1552

Scale =.5"/Ft.

DATE

06/30/10

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 10-136--Stanley Crawford Construc MAYFAIR LOT 28 EJ4C

Left end vertical not exposed to wind pressure

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

Shim all supports to solid bearing

Provide Provide 22 16d common nails(0.162"x3.5"), 16d common nails(0.162"x3.5"), toe nailed at Top chord. toe nailed at Bot chord.

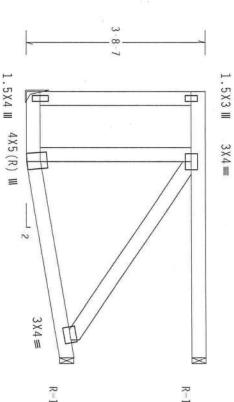
> 110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not local within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 located

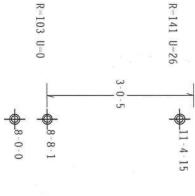
Wind reactions based on MWFRS pressures.

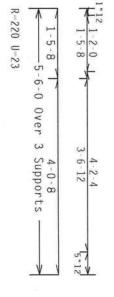
Bottom chord checked for 10.00 psf non-concurrent live load

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\cdot$

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







Design Crit: FBC2007Res/TPI-2007(STD) FT/RT=20%(0%)/0(0)

TYP. Wave

OUBE EXTREME CASE IN FARRICATION, DANDLING, SHIPPING, HESTALING AND BRACING, SECONDOMIN SACIETY INFORMATION, POWER OF THE (TRUSS PART HESTITIES, 218 312, ALEXANDRIA, VA. 22314) AND MICA, (MODO FRUES, COUNCIL OF ARREITCA, ADD. MICA, (MODO FRUES, COUNCIL OF ARREITCA, ADD. MICA, (MODO FRUES, COUNCIL OF ARREITCA, DAVID, AND ADDITIONS, UNILESS AND BOTTOM CORON SMALL HAVE PROPERTY ATTACHED STRUCTURA PARELS AND BOTTOM CORON SMALL HAVE

OTHERHYSE HOPCATED TOP LAWAR.

A PROPERTY ATTACHED REGID CELLING.

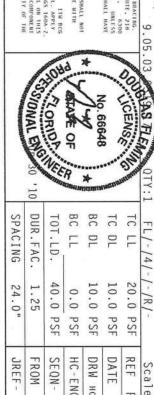
** IMPORTANT ** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, THE BCG., INC., SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN TO HELD THE RUSS IN CONTORDRANGE WITH PLICE FOR MAY DEVIATION FROM THIS DESIGN; AND FOLL THE BCG. CONTRACTOR, MARDLING, SHIPPING, HISTARLING, HORST BCG. BOS. (INC.). IN ASSERTING A VALUE, AND TOP.

DESIGN CONTRACTOR FLATES ARE MORE OF 20,109,1600. OF MATERISE MAY AND TOP. THE DOWNLOSS FOR A. CONTRACTOR FLATES ARE MORE OF 20,109,1600. OF MATERISE MAY BCG. BOS. (INC.). A SEAL ON THIS CONTRACTOR FLATES AND MAY BCG. HOW THE DESIGN FOR THE THEORY CONTRACTOR FLATES AND THE FORM THE FORM THE THORSE COMPONENT OF THE THEORY CONTRACTOR THE THE THEORY CONTRACTOR THEORY CONTRA

ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL COA #0 278



HC-ENG

DF / DF

124213

10338228202

DRW HCUSR8228 10181041

Scale =.5"/Ft.

R8228- 1553

06/30/10

Top chord 2x6 SP | Bot chord 2x4 SP | Webs 2x4 SP | PLT Wind Special loads Truss must be installed as shown with top chord up ITW Building Components Group Inc. 10-136--Stanley Crawford Construc TYP. --(Lumber Dur.Fac.=1.25 / From 60 plf at 0.00 l From 20 plf at 0.00 l From 20 plf at 1.17 l From 20 plf at 1.17 l 953.41 lb Conc. Load at reactions based on MWFRS pressures. ALPINE Wave #1 Dense #2 Dense :B2 2x6 SP #3 at 0.00 at 0.00 at 1.17 . Load at 8 15 **IMPORTANT*** THEN IS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVALUAGE FROM THIS DESIGN: ANY TEALINE TO BUILD THE TRUSS IN CONTROMACE WITH PIT: OR FARRECTING, HANDLING, SHIPFING, HISSALLING & BRACING OF TRUSSES.

IT BEG. CONNECTED FLATES ARE HADE OF ZOJEDJIGA, QLHUSSEN, ASTH AG53 GRADE 40/60 (PL, KTM, S5) GALV. STEEL, APPLY PLATES TO EACH FACT OF TRUSS AND. HISSA CONNECTED ON THIS DESIGN, POSITION FER DRAWHEST IGA-ALT.

ANY INSPECTION OF PLATES ACCEPTANCE OF PROFESSIONAL BEGINGERING RESPONSIBILITY SOLLY FOR THE TRUSS COMPONENT OF THE TRUSS AND THE STORM THE SOLUTION OF THE TRUSS AND THE SOLUTION OF THE TRUSS COMPONENT OF THE TRUSS AND THE SOLUTION OF THE TRUSS AND THE TRUSS AND THE SOLUTION OF THE TRUSS AND THE TR **HARNING** IRUSSIS BLOUIRE EXTREME CARE IN FARRICATION. HANDING, SHIPPING, HSTALLING AND BRACING.
REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FIF (LIRES FLATE INSTITUTE, 21B
MORIH LEE SIREE, SHITE 312, ALEXANDRIA, VA, 22314) AND WICK (MOOD TRUSS COUNCIL OF AMERICA, 6300
ENTERPRISE LAME, MADISON, UI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HESE FUNCTIONS. UNLESS
OTHERWISE INDICATED FOR COMED SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE
A PROPERLY ATTACHED DISGID CEILING. 00 to 00 to 7 to 2 1.56, 1.5X4 Ⅲ 1.5X3 Ⅲ 2.5X6 Plate Dur.Fac. R=1238 U=133 1 - 2 - 01-2-0 60 plf at 20 plf at 20 plf at 6, 3.56 MAYFAIR LOT 28 中 4 X 8 5-6-0 4X4 == Design Crit: t 5.50 t 1.17 (R) 5.50 2-0 0ver 0-4 = B25X8≡ 1.5X3 Ⅲ 2 4-4-0 Supports ф FBC2007Res/TPI-2007(STD) FT/RT=20%(0%)/0(0) EJ4D 2-3-12 0 0 R-1108 U-119 2.5X6(R) 2.5X6 = ₩10-0-0 8-0-0 Hanger specified assumes connection to supporting chord is located minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating 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. Iw=1.00 GCpi(+/-)=0.18 coverage. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. The TC of this truss shall be braced with attached spans at $24\mbox{"}$ OC in lieu of structural sheathing. End verticals not exposed to wind pressure. 9 .05 2 CONSUAS FLE 8 ORIGINAL ENGINE 15 No. 66648 CENSE 10 BC LL TC DL DUR.FAC. BC C TOT.LD. FL/-/4/-/-/R/-DL 40.0 10.0 10.0 20.0 1.25 0.0 PSF PSF PSF PSF PSF DATE REF FROM SEQN-HC-ENG DRW HCUSR8228 10181033 Scale =.5"/Ft. R8228- 1554 DF / DF 06/30/10 124208

Haines City, FL 33844 FL COA #0 278

SPACING

24.0"

JREF -

1U338228Z02

Top chord 2x4 SP Bot chord 2x4 SP Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Hipjack supports 5-0-0 setback jacks with no webs ITW Building Components Group Inc. 10-136--Stanley Crawford Construc TYP. ALPINE Wave #2 Dense #2 Dense *** IMPORTANT** (NEWSIS) A CORP OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE MCG. HAVE SHALL NOT THE SESSIONS THE TOO NAME PRIVATE OF THE SESSIONS AND FAILURE OF BRUILD HE HENSE ME CONTRIBUTE OR AND PRIVATION FOR HIS DESIGN. AND FAILURE OF BRUILD HE HENSES.

DESIGN CONTRIBUTE OR AND PRIVATE OR STORE THE SESSIONS OF THE SESSION SHALL RESIGN SETS. IN SESSION SHEET, THE MCG. CONTRIBUTE OF MASKED, AND THE SESSION SHALL NOT SHALL SHALL SHALL SHALL SHALL SHEET. AND SHALL SHAL DESIGN SHOWN. THE SUITABILITY AND USE OF BUILDING DESIGNER PER ANSI/TPL 1 SEC. 2. **WARNING** TRUSSES BEQUIRE EXTREME CARE IN FARRICATION, INSMILING, SHIPPING, INSTALLING AND BRACING, REFERE TO BEST. (BUILDING COMPONENT SAFETY HOROMATION), PUBLISHED BY TPI (TRUSS PLATE HISTITUE, 218 HORITI LEE STREET, SHITE 137, ALEXANDRIA, WA, 22314) AND HICA (4000) TRUSS COUNCIL O' AMERICA, 6300 ENTEPPRISE LANE, MAISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OFHERMISE INDICATED OF THOSE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE MAYFAIR LOT 28 Design Crit: FBC2007Com/TPI-2002(STD)FT/RT=20%(0%)/0(0)2X4(A1) =R=349 \mathbb{W} * U=50 W=4.95" HJ5 7-0-14 Over 3 Supports 4.24 Provide (2) 16d common nails(0.162"x3.5"), toe nailed Provide (2) 16d common nails(0.162"x3.5"), toe nailed 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 MWFRS pressures .05. Soucens, The STONAL ENBRIGE No. 66648 QTY:2 10 R-77 U-0 R-207 U-54 BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-40.0 20.0 PSF 1.25 10.0 10.0 PSF 0.0 14 ₩10-6-6 8-0-0 PSF PSF PSF at Top chord. at Bot chord. DATE REF FROM SEQN-HC-ENG DRW HCUSR8228 10181005 Scale = .5"/Ft. R8228- 1555 DF / DF 06/30/10 124089

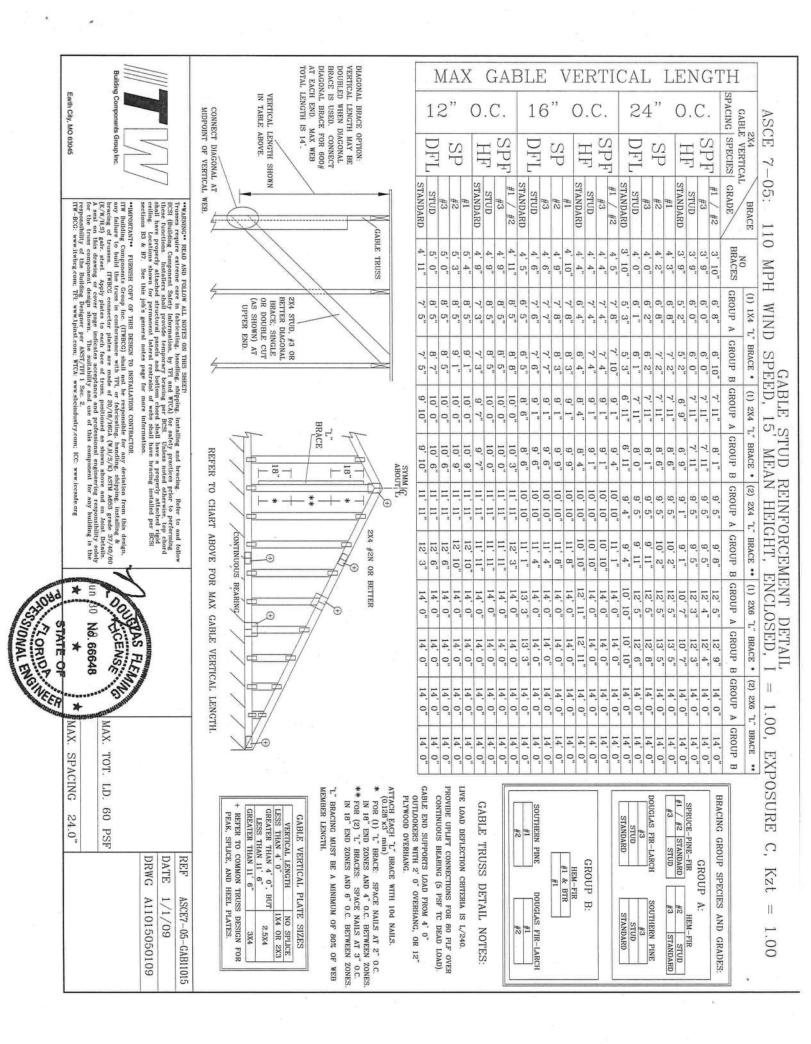
Haines City, FL 33844 FL COA #0 278

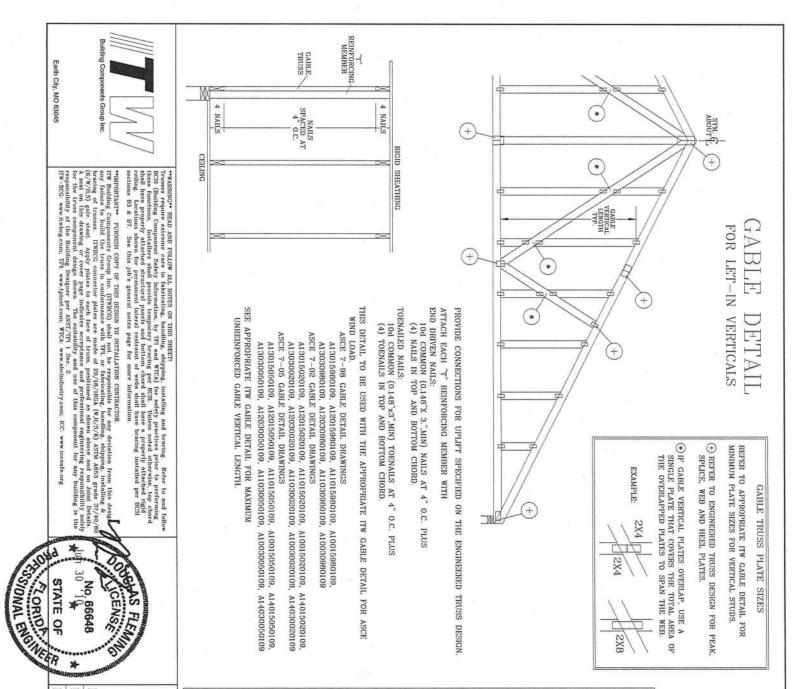
SPACING

24.0"

JREF -

10338228202





"T" REINFORCEMENT ATTACHMENT DETAIL.

"T" REINFORCING

"T" REINFORCING

MEMBER

TOENAIL

OR
ENDNAIL

TO CONVERT FROM "L" TO """ REINFORCING MEMBERS, MULTIPLY "T" INCREASE BY LENGTH (BASED ON APPROPRIATE ITW GABLE DETAIL).

MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED "T" REINF. "T"
AND MRH MBR. SIZE INCREASE

30 FT	15 FT	90 MPH	30 FT	100 MPH	15 FT	100 MPH	30 FT	110 MPH	15 FT	110 MPH	30 FT	120 MPH	15 FT	120 MPH	30 FT	130 MPH	15 FT	130 MPH	30 FT	140 MPH	15 FT	140 MPH	AND MRH
2x6	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	MBR. SIZE
20 % 30 %	20 %	20 %	40 %	10 %	30 %	20 %	50 %	10 %	40 %	10 %	40 %	10 %	50 %	10 %	50 %	10 %	50 %	10 %	50 %	10 %	50 %	10 %	INCREASE

EXAMPLE:

ASCE WIND SPEED = 100 MPH

MEAN ROOF HEIGHT = 30 FT, Kzt = 1.00

GABLE VERTICAL = 24" O.C. SP #3

"T" REINFORCING MEMBER SIZE = 2X4

"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10% (1) 2X4 "L" BRACE LENGTH = 6' 7" MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH 1.10 \times 6' 7'' = 7' 3"

MAX TOT. LD. 60 PSF

DUR. FAC. ANY

MAX SPACING 24.0"

REF LET-IN VERT

DATE 1/1/09

DRWG GBLLETIN0109

BRACE SUBSTITUTION

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

NOTES:

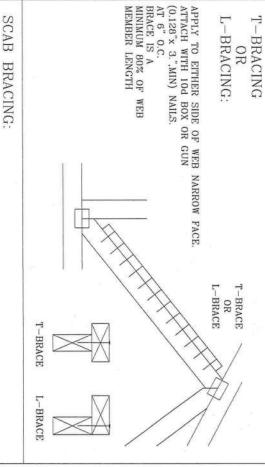
THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

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

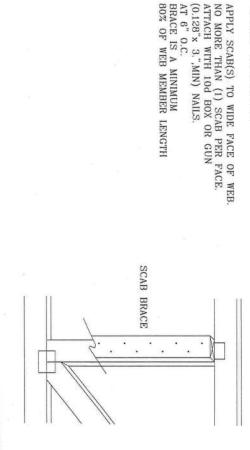
1 DOW	2X6 2 ROWS 2X6
EV0.	

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. FACE OF WEB. APPLY (1) SCAB TO EACH



80% OF WEB MEMBER LENGTH (0.128"x 3.",MIN) NAILS. AT 6" O.C. BRACE IS A MINIMUM





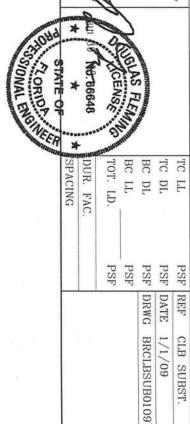
WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET;
Trusses require extreme care in fabricaling, handling, shipping, installing and bracing. Refer to and folk
RESI (fluiding Component Safety Information, by TPI and WTCA) for safety practices prior to performing
BESI (fluiding Component Safety Information, by TPI and WTCA) for safety practices order otherwise, top chord
these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord
shall have properly altached structural panels and bottom chord shall have a properly altached structural panels and bottom chord shall have a properly altached structural panels and bottom chord shall have a properly altached structural panels and bottom chord shall have a properly altached structural panels and bottom chord shall have a properly altached structural panels and solution chord shall have bracing installed per BCSI Locations shown for permanent lateral restraint of webs shall ha B3 & B7. See this job's general notes page for more informatio Refer to and follow

HIMPRITANT PURNSH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.

IT Building Components Group Inc. (ITRECG) shall not be responsible for any desiration from this any failure to build the fruse in conformance with TPI, or labellade, NELL/S/K) ASTM ASSM MOSE greate (K-W/N.S) gain; steel shaply plates to each face of truss, positioned as shown above and on John (K-W/N.S) gain; steel shaply plates to each face of truss, positioned as shown above and on John A seal on his drawing or cover page indicates acceptance and professional engineering responsible for the truss component design shown. The subshilly and use of this component for any build for the truss component of the substitute of the substitute of the Shalling Besigner per ASST/TPI I Sec. 2.

TP-DGC: www.lebesg.com. TPI: www.lpinst.com. WICA: www.sbcindustry.com. ICC: www.lccssfe.org

Earth City, MO 63045



NAIL SPACING DETAIL

AND STAGGER NAILING FOR TWO BLOCKS. REQUIRED TO AVOID SPLITTING. MINIMUM SPACING FOR SINGLE BLOCK IS SHOWN. DOUBLE NAIL SPACINGS GREATER SPACING MAY BE

BLOCK LOCATION, SIZE, LENGTH, GRADE AND TOTAL NUMBER AND TYPE OF NAILS ARE TO BE SPECIFIED ON SEALED DESIGN REFERENCING THIS DETAIL.

LOAD PERPENDICULAR TO GRAIN

EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)
SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)
END DISTANCE (15 NAIL DIAMETERS)

LOAD PARALLEL TO GRAIN

EDGE DISTANCE (6 NAIL DIAMETERS)
SPACING OF NAILS IN A ROW AND END DISTANCE (15 NAIL DIAMETERS)
SPACING BETWEEN STAGGERED ROWS OF NAILS (7 1/2 NAIL DIAMETERS)

IF NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN — BELOW:

C** BLOCK LENGTH OF LOAD AND NAIL ROWS DIRECTION C * LINE MEMBER . B/2* BLOCK LENGTH D D D

LINE

* SPACING MAY BE REDUCED BY 50%
** SPACING MAY BE REDUCED BY 33% C** C/2** G G G 112 12 13 14 8 C

MINIMUM NAIL SPACING DISTANCES

N		Z	NU	6d C	ed C	Od C	d C(od I	6d E	2d BOX	Od E	d Bo	N	
	(0.12)	(0.13)	(0.12)	MMO;	OMM	MMO;	OWWC	30X	30X	X08	X08) XC	NAIL TYPE	
1 V C	;UN (0.120"X 3.",MIN)	HUN (0.131"X 2.5", MIN)	UN (0.120"X 2.5", MIN)	ON () NO	ON (0) N(20d BOX (0.148"X 4.",MIN)	6d BOX (0.135"X 3.5", MIN)	(0.128"X 3.25", MIN)	od BOX (0.128"X 3.", MIN)	3d BOX (0.113"X 2.5", MIN)	3qY.	
MIN (0.131"X 3 " MIN)	3. ", MI	2.5",M	2.5",N	0.162).148	0.148	.131"	8"X 4	5"X 3	3"X 3	3"X 3	X 2.5		
Z	Z)	EN)	EN)	"X 3	Х 3.	"X 3	X 2.5	. ",MI	1.5",N	.25",	. ", MI	5",MI		
				6d COMMON (0.162"X 3.5", MIN)	2d COMMON (0.148"X 3.25", MIN)	Od COMMON (0.148"X 3.", MIN)	3d COMMON (0.131"X 2.5", MIN)	N)	IIN)	MIN)	N)	N)		
7/8" 1 5/8"	3/4"	7/8"	3/4"	1,	1"	1"	7/8"	1.	7/8"	7/8"	7/8"	3/4"	Α	DISTANCES
-	-	1	1	Scarc.	-	1	1	1	1	_	1	1		TAN
π/α"	1 1/2"	1 5/8"	1 1/2"	ಬೈ	1 7/8"	7/8"	1 5/8"	1 7/8"	1 5/8"	1 5/8"	1 5/8"	1 3/8"	B*	CES
0,"	1 7/8"	ಜ್ಞ	1 7/8"	2 1/	2 1/4"		ಬ್ಚ		2 1/	20,	ಬ್ಬ	1 3/4"	C**	
-	ω,		8,	N ₂	-	4,	_	*	8,		_	4,		
. "	1"	1"	1"	2 1/2" 1 1/4"	1 1/8"	2 1/4" 1 1/8"	1"	2 1/4" 1 1/8"	2 1/8" 1 1/8"	1"	1"	7/8"	D	

LOAD APPLIED PERPENDICULAR TO GRAIN LOAD APPLIED

PARALLEL

TO

GRAIN

""*WARNIG** READ AND FOLLOW ALL NOTES ON THIS SHEET;
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow
RCS (Bhilding Component Safety Information, by TPI and WTCA) for safety practices profer to performing
these functions. Installers shill provide temporary bracing per RCSI. Unless noted otherwise, top chord
shall have properly attached structurel panels and bottom chord shall have a properly attached rigid
ceiling. Locations shown for permanent intered restraint of sebs shall have bracing installed per BCSI
sections E3 & B7. See this job's general notes page for more information.

HIPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.

IT'S Building Components Group Inc. (ITTSECS) shall not be responsible for Advantage Shipping. Installing & R.

any failure to build the truss in conformance with TPL, or fabricating, handling, shipping, installing & R.

bracing of trusses. ITSEC connector plates are made of 20/10/160A, the Most agrade 37/400 (K/W/H/S) gave sheet. Apply plates to each face of truss, positioned as shown above and on Joint Deald/so (K/W/H/S) gave, sheet. Apply plates to each face of truss, positioned as shown above and on Joint Deald/so A seal on this drawing or cover page indicates acceptance and professional engineering responsibility solely for the truss component design shown. The suitability and use of this component for any building is the responsibility of the Building Designer per ASS/TPI 1 Sec. 2.

responsibility of the Building Designer per ASS/TPI 1 Sec. 2.

TW-BCC: www.thetag.com. TPC www.fpints.com. WfC.* www.sbcindustry.com.; ICC: www.thetag.com.

1

Earth City, MO 63045

TORIOP IS SUAS FLEM CENSE No. 66648 STATE OF

> DATE REF CNNAILSP0109 1/1/09 NAIL SPACE