

DATE 05/03/2011

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000029372

APPLICANT DONNIE DAVIS PHONE 623-0499
ADDRESS 19740 S. US HWY 441 HIGH SPRINGS FL 32643
OWNER TIMOTHY & PAMELA HARRIS PHONE _____
ADDRESS 800 SW TIMUQUA TERR FORT WHITE FL 32038
CONTRACTOR DONNIE DAVIS PHONE 623-0499
LOCATION OF PROPERTY 47 S, L 27, L TIMUQUA TERR, GO .7 MILES ON LEFT TO SITE

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 148800.00
HEATED FLOOR AREA 1860.00 TOTAL AREA 2976.00 HEIGHT 15.00 STORIES 1
FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING AG-3 MAX. HEIGHT 35
Minimum Set Back Requirements: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 01-7S-16-04104-105 SUBDIVISION TIMUQUA S/D
LOT 5 BLOCK A PHASE _____ UNIT _____ TOTAL ACRES 5.52

Culvert Permit No. _____ Culvert Waiver _____ Contractor's License Number CBC1251897 Applicant/Owner/Contractor TC N
EXISTING 11-0152 BK _____ Approved for Issuance _____ New Resident _____
Driveway Connection _____ Septic Tank Number _____ LU & Zoning checked by _____

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD
SFD IS REPLACING A MH THAT SHALL BE REMOVED WITHIN 45 DAYS OF CO

Check # or Cash 1385

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 745.00 CERTIFICATION FEE \$ 14.88 SURCHARGE FEE \$ 14.88
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$ _____
FLOOD DEVELOPMENT FEE \$ _____ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ _____ TOTAL FEE 849.76
INSPECTORS OFFICE [Signature] CLERKS OFFICE CH

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 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 INSPECTION.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.



CAL-TECH TESTING, INC.

ENGINEERING & TESTING LABORATORY

P.O. Box 1625, Lake City, FL 32056-1625
4784 Rosselle St. • Jacksonville, FL 32254

Lake City • (386) 755-363
Fax • (386) 752-545

Jacksonville • (904) 381-890
Fax • (904) 381-890

JOB NO.: 11-187
DATE TESTED: 5-16-11

REPORT OF IN-PLACE DENSITY TEST

ASTM METHOD: ☒ (D-2922) Nuclear ☐ (D-2937) Drive Cylinder ☐ Other

PROJECT: Turn Hanner Residence

CLIENT: A+B Const. # 29372

GENERAL CONTRACTOR: A+B EARTHWORK CONTRACTOR: A+B

SOIL USE (SEE NOTE): 1 SPECIFICATION REQUIREMENTS: 95%

TECHNICIAN: C. Day

MODIFIED (ASTM D-1557): ☒ STANDARD (ASTM D-698): ☐

TEST NO.	TEST LOCATION	TEST:	PROCTOR NO.	WET DENS. LBS./CU.FT.	DRY DENS. LBS./CU.FT.	MOIST PERCENT	% MAX. DENS.
		DEPTH ELEV. LIFT					
1	* Slab on grade * N.E. corner of pad 12' S x 10' W	12"	Pul	110.5	103.8	6.5	101
2	Approx. center of pad	12"	I	112.2	105.6	6.3	103
3	South end of pad approx. center 8' north	12"	I	114.9	107.1	7.3	104

REMARKS:

PROCTOR NO.	SOIL DESCRIPTION	PROCTOR VALUE	OPT. MOIST.
Pul	Richardson's Ft. White Pul	103.0	

NOTE: 1. Building Fill 2. Trench Backfill 3. Base Course 4. Subbase/Stabilized Subgrade 5. Embankment 6. Subgrade/Natural Soil 7. Other
The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test location and change with time, sound judgement should be exercised with regard to the use and interpretation of the data.

Columbia County Building Permit Application

For Office Use Only		Application # <u>1104-44</u>		Date Received <u>04/20/11</u>		By <u>LH</u>		Permit # <u>29372</u>	
Zoning Official <u>BLK</u>		Date <u>29.04.11</u>		Flood Zone <u>X</u>		Land Use <u>A-3</u>		Zoning <u>A-3</u>	
FEMA Map # <u>N/A</u>		Elevation <u>N/A</u>		MFE <u>Palau River</u>		River <u>N/A</u>		Plans Examiner <u>T.C.</u>	
Comments <u>(House is replacing this M/H)</u>		<u>Shall be removed within 45 days of CO issue</u>							
☒ NOC		☒ EH		☒ Deed or PA		☒ Site Plan		☒ State Road Info	
☐ Well letter		☐ 911 Sheet		☐ Parent Parcel #					
☐ Dev Permit #		☐ In Floodway		☒ Letter of Auth. from Contractor		☒ F W Comp. letter			
IMPACT FEES: EMS		Fire		Corr		☒ Sub VF Form			
Road/Code		School <u>N/A</u>		<u>Replacing Existing Dwelling</u>		= TOTAL (Suspended)		☒ App Fee Paid	

Septic Permit No. 11-0152 Fax 386-454-3387

Name Authorized Person Signing Permit Donnie Davis Phone 386-623-0499

Address 19740 S. US Hwy 441, High Springs, FL 32643

Owners Name Timothy and Pamela Harris Phone _____

911 Address 800 SW Timuqua Terrace, Ft White, FL 32038

Contractors Name High Springs Construction Co Phone 386 623-0499

Address 19740 S. US Hwy 441 High Springs, FL 32643

Fee Simple Owner Name & Address NA

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Marty Humphries 7932 240th St O'Brien, FL

Mortgage Lenders Name & Address First Federal, Lake City, FL 386 754-7

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

Property ID Number 01-7S-16-04104-105 Estimated Cost of Construction 165,000.00

Subdivision Name Timuqua S/O Lot 5 Block A Unit _____ Phase _____

Driving Directions Take US Hwy 47 to Ft White; Turn left on US Hwy 27; Go 3.1 miles to Timuqua Terrace; turn left, go .7 miles. House on left

Number of Existing Dwellings on Property 1

Construction of SFD Total Acreage 5.520 Lot Size _____

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 15'

Actual Distance of Structure from Property Lines - Front 105' Side 90' Side 58' Rear 51'

Number of Stories 1 Heated Floor Area 1860 Total Floor Area 2976 Roof Pitch 6' 12"

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction. **CODE: Florida Building Code 2007 with 2009 Supplements and the 2008 National Electrical Code.**

TW left message for Donnie 5.2.11

OK# 1385

Columbia County Building Permit Application

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

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

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

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

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

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

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

(Owners Must Sign All Applications Before Permit Issuance.)

Owners Signature

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

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

Contractor's Signature (Permitee)

Contractor's License Number CBC 1251897
Columbia County
Competency Card Number 440

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 19th day of April 2011.
Personally known _____ or Produced Identification D120-196-64-140-0.

SEAL:

State of Florida Notary Signature (For the Contractor)



THIS INSTRUMENT PREPARED BY
AND RETURN TO:
NORTH CENTRAL FLORIDA TITLE, LLC
343 NW COLE TERRACE
SUITE 101
LAKE CITY, FLORIDA 32055

Parcel I.D. #: 04104-105
Permit No.

10 3/25/2011 3:25:20 PM
DC, P. DeWitt Casson, Columbia County Page 1 of 2 B 1211 P 2112

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement. This Notice shall be void and of no force and effect if construction is not commenced within ninety (90) days after recording.

1. Description of property: (Legal description of property, and street address if available)

800 SW TIMUQUA TERRACE, FORT WHITE, FLORIDA 32038
Lot 5, Block A, Timuqua Subdivision, according to the plat thereof, recorded in Plat Book 5, Pages 85, 85A, of the Public Records of Columbia County, Florida.

Together with 1982 DARL ID# 5614D1536A and ID# 56T4D1536B Which is permanently affixed to the lands above described and as such is deemed to be a Fixture and part of the Real Estate.
2. General description of improvement: CONSTRUCTION OF A SINGLE FAMILY DWELLING
3. Owner information:
 - a. Name and address:
TIMOTHY E. HARRIS and PAMELA G. HARRIS
800 SW TIMOTHY TERRACE, FORT WHITE,
FLORIDA 32038
 - b. Interest in property: Fee Simple
 - c. Name and Address of Fee Simple Titleholder (if other than owner):
4. Contractor: (Name and Address)
HIGH SPRINGS CONSTRUCTION COMPANY, INC.
19740 S US HWY 441, HIGH SPRINGS, FLORIDA 32643
Telephone Number: 386-623-5939
5. Surety (if any):
 - a. Name and Address:
Telephone Number: _____
 - b. Amount of Bond \$: _____
6. Lender: (Name and Address)
FIRST FEDERAL BANK OF FLORIDA
4705 WEST U.S. HWY 90, P.O. BOX 2029, LAKE CITY, FL 32056
Telephone Number: 755-0600
7. Persons within the State of Florida designated by Owner upon whom notice or other documents may be served as provided by Section 713.13(1)(a)(7), Florida Statutes: (Name and Address)
N/A
8. In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes: (Name and Address)
FIRST FEDERAL BANK OF FLORIDA
4705 WEST U.S. HWY 90, P.O. BOX 2029, LAKE CITY, FL 32056
Telephone Number: 755-0600
9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified) _____.

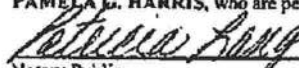
WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

Signature of Owner(s) or Owner's Authorized Officer/Director/Partner/Manager:


TIMOTHY E. HARRIS (SEAL)


PAMELA G. HARRIS (SEAL)

The foregoing instrument was acknowledged before me this 17th day of March, 2011, by TIMOTHY E. HARRIS and PAMELA G. HARRIS, who are personally known to me or who have produced *Driver's License* as identification.


Notary Public
My Commission Expires: 12-14-14





STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL
SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT

SDV

PERMIT NO. 16-4409
4440104

DATE PAID: 3/23/11

FEE PAID: 310.00

RECEIPT #: 1580935

APPLICATION FOR:

☒ New System ☐ Existing System ☐ Holding Tank ☐ Innovative
☐ Repair ☐ Abandonment ☐ Temporary ☐

APPLICANT: Timothy Harris

AGENT: ROCKY FORD, A & B CONSTRUCTION

TELEPHONE: 386-497-2311

MAILING ADDRESS: P.O. BOX 39 FT. WHITE, FL, 32038

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3) (a) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

PROPERTY INFORMATION

LOT: 5 BLOCK: A SUB: Timuqua S/D PLATTED:

PROPERTY ID #: 1-7S-16-04104-105 ZONING: Res. I/M OR EQUIVALENT: [Y / ☒ N]

PROPERTY SIZE: 5.52 ACRES WATER SUPPLY: ☒ PRIVATE PUBLIC [] <=2000GPD [] >2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? [Y / ☒ N] DISTANCE TO SEWER: FT

PROPERTY ADDRESS: SW Timuqua Terr, Fort White, FL, 32038

DIRECTIONS TO PROPERTY: 47 South, TL on US 27, TL on Timuqua Terr, 5th lot on left

BUILDING INFORMATION

☒ RESIDENTIAL ☐ COMMERCIAL

Unit No. Type of Establishment No. of Bedrooms Building Area Sqft Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC

Unit No.	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	SP Residential	3	1860	
2				
3				

☒ Floor/Equipment Drains ☒ Other (Specify)

SIGNATURE: Rocky D Ford DATE: 3/23/2011



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL
SYSTEM

PERMIT #: **12-SC-1308926**
APPLICATION #: **AP999064**
DATE PAID: **3-23-11**
FEE PAID: **310.00**
RECEIPT #: **1580935**
DOCUMENT #: **PR839567**

CONSTRUCTION PERMIT FOR: OSTDS New
APPLICANT: TIMOTHY**11-0162 HARRIS
PROPERTY ADDRESS: SE TIMUQUA Ter Fort White, FL 32038
LOT: 5 BLOCK: A SUBDIVISION: Timuqua
PROPERTY ID #: 04104-105 [SECTION, TOWNSHIP, RANGE, PARCEL NUMBER]
[OR TAX ID NUMBER]

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

SYSTEM DESIGN AND SPECIFICATIONS

T [900] GALLONS / GPD Septic CAPACITY
A [] GALLONS / GPD N/A CAPACITY
N [] GALLONS GREASE INTERCEPTOR CAPACITY [MAXIMUM CAPACITY SINGLE TANK: 1250 GALLONS]
K [] GALLONS DOSING TANK CAPACITY [] GALLONS @ [] DOSES PER 24 HRS #Pumps []
D [375] SQUARE FEET drainfield SYSTEM
R [] SQUARE FEET N/A SYSTEM
A TYPE SYSTEM: [X] STANDARD [] FILLED [] MOUND []
I CONFIGURATION: [X] TRENCH [] BED []
N
F LOCATION OF BENCHMARK: nail in stump south of system site
I ELEVATION OF PROPOSED SYSTEM SITE [0.00] [INCHES] FT [] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT
E BOTTOM OF DRAINFIELD TO BE [30.00] [INCHES] FT [] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT
L
D FILL REQUIRED: [0.00] INCHES EXCAVATION REQUIRED: [0.00] INCHES

1. The 911 address shall be required before final approval.

SPECIFICATIONS BY: Rocky Ford TITLE: M Contractor
APPROVED BY: Sallie Ford TITLE: Environmental Health Director Columbia CHD
DATE ISSUED: 03/25/2011 EXPIRATION DATE: 09/25/2012

DN 4016, 08/09 (Obsoletes all previous editions which may not be used)
Incorporated: 64E-6.003, FAC

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER CBC 1251897 CONTRACTOR High Springs Construction PHONE 386 623 0499
 THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

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

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

☒ ELECTRICAL 380	Print Name <u>High Springs Electrical</u> License #: <u>EC 000 2306</u>	Signature <u>[Signature]</u> Phone #: <u>386 623 0499</u>
☒ MECHANICAL/A/C	Print Name <u>Donald Davis</u> License #: <u>CAC 1815367</u>	Signature <u>[Signature]</u> Phone #: <u>386-623-0499</u>
☒ PLUMBING/GAS 441	Print Name <u>Joe Davis</u> License #: <u>CFC 057304</u>	Signature <u>[Signature]</u> Phone #: <u>386-623-3487</u>
☒ ROOFING	Print Name <u>Jim Brown</u> License #: <u>CCC 132 6144</u>	Signature <u>[Signature]</u> Phone #: <u>352-250 0603</u>
SHEET METAL	Print Name <u>NA</u> License #:	Signature _____ Phone #:
FIRE SYSTEM/SPRINKLER	Print Name <u>NA</u> License#:	Signature _____ Phone #:
SOLAR	Print Name <u>NA</u> License #:	Signature _____ Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
☒ MASON	<u>000712</u>	<u>Colin Gray</u>	<u>[Signature]</u>
☒ CONCRETE FINISHER	<u>28</u>	<u>Butch Vaughn</u>	<u>[Signature]</u>
☒ FRAMING	<u>30</u>	<u>Will Sikes</u>	<u>[Signature]</u>
☒ INSULATION	<u>000240</u>	<u>Will Sikes</u>	<u>[Signature]</u>
☒ STUCCO	<u>NA</u>	<u>NA</u>	<u>[Signature]</u>
☒ DRYWALL 440	<u>CBC1251897</u>	<u>Donnie Davis</u>	<u>[Signature]</u>
☒ PLASTER 440	<u>CBC1251897</u>	<u>Donnie Davis</u>	<u>[Signature]</u>
☒ CABINET INSTALLER 1681	<u>CBC1516623</u>	<u>Steven Crawford</u>	<u>[Signature]</u>
☒ PAINTING 440	<u>CBC1251897</u>	<u>Donnie Davis</u>	<u>[Signature]</u>
☒ ACOUSTICAL CEILING		<u>NA</u>	
☒ GLASS 852	<u>SCC131150877</u>	<u>Chris Whitfield</u>	<u>[Signature]</u>
☒ CERAMIC TILE 440	<u>CBC1251897</u>	<u>Donnie Davis</u>	<u>[Signature]</u>
☒ FLOOR COVERING 440	<u>CBC1251897</u>	<u>Donnie Davis</u>	<u>[Signature]</u>
☒ ALUM/VINYL SIDING 505	<u>CBC059077</u>	<u>BEN MARTIN</u>	<u>[Signature]</u>
☐ GARAGE DOOR		<u>NA</u>	
☐ METAL BLDG ERECTOR		<u>NA</u>	

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

1104-44

CONTRACTOR

Donnie Davis

PHONE

623.0499

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

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

ELECTRICAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
MECHANICAL/ A/C _____	Print Name _____ License #: _____	Signature _____ Phone #: _____
PLUMBING/ GAS	Print Name _____ License #: _____	Signature _____ Phone #: _____
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER			
☒ FRAMING	CBC 1251871	Donnie Davis	Donnie Davis
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

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

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

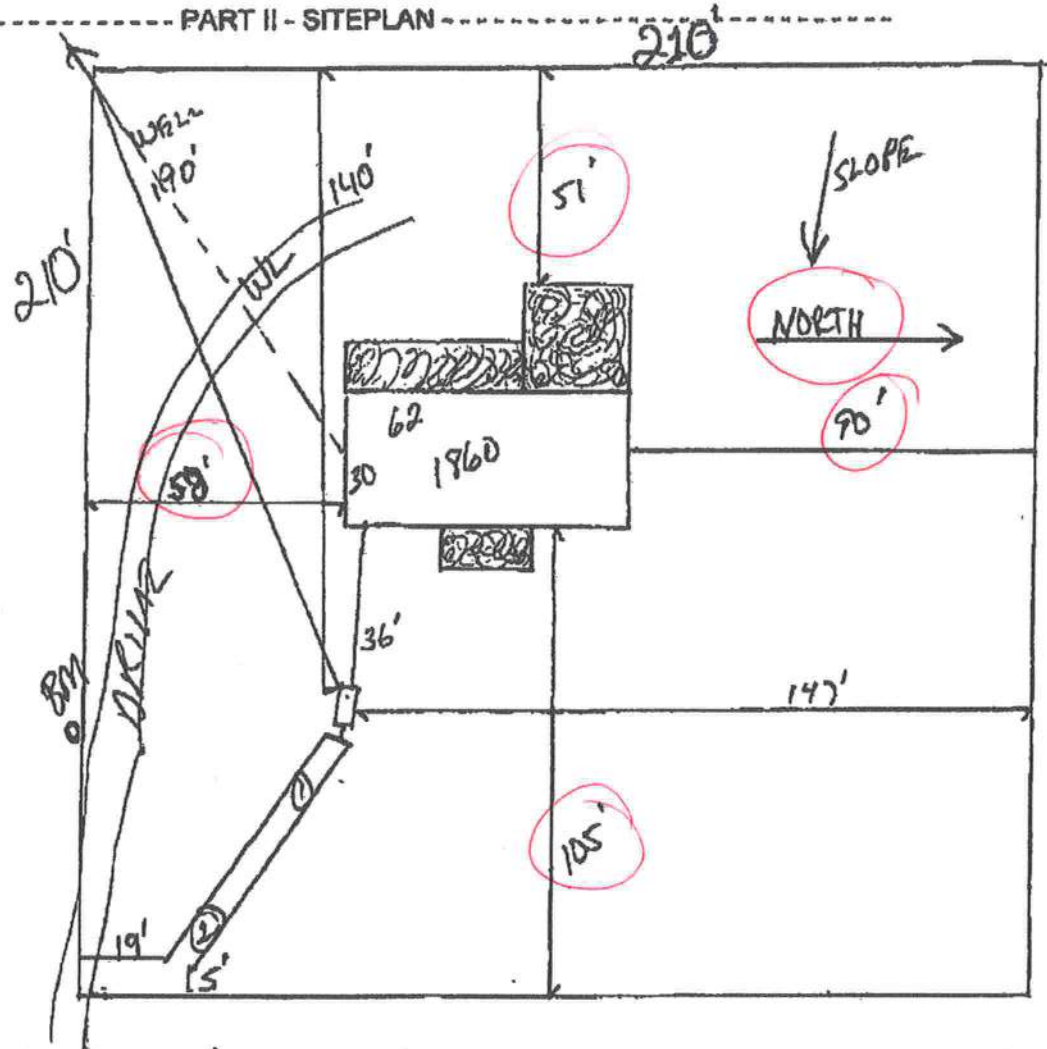
Permit Application Number 11-0152

Harris

PART II - SITEPLAN

Scale: 1 inch = 40 feet.

SEE
ATTACHED



Notes:

1 of 5.52 Acres

Site Plan submitted by Roddy D F

Plan Approved ✓

Not Approved

By Salee Ind. Env. Health Director

MASTER CONTRACTOR

Date 3-25-11

County Health Department

Columbia CHD

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Documentary Stamp 704
Intangible Tax 0
P. DeWitt Cason
Clerk of Court
By R. A. Z. D.C.

This warranty Deed made the 15th day of December A.D. 2000 BK 0916 PG 1492
by Hettie Lou Glenn, an unmarried widow

hereinafter called the grantor, to Timothy E. Harris and Pamela G. Harris, his wife OFFICIAL RECORDS
whose postoffice address is Rt 1 Box 876, Fort White, FL 32038

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 corporation)

Witnesseth: That the grantor, for and in consideration of the sum of \$ 10 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 situated in Columbia County, Florida, viz:

Lot 5 Block A, Timuqua Subdivision, a subdivision according to the plat thereof recorded in Plat Book 5, Page 85/85A, public records of Columbia County, Florida.

Together with all the 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.

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:

Thomas J Duncan
witness

Thomas J Duncan
print

Donna Rush
witness

DONNA RUSH
print

Hettie Lou Glenn
Hettie Lou Glenn

FILED AND RECORDED IN PUBLIC
RECORDS OF COLUMBIA COUNTY, FL

'00 DEC 19 PM 3:41

STATE OF FLORIDA
COUNTY OF COLUMBIA

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State aforesaid and in the County aforesaid, to take acknowledgements, personally appeared Hettie Lou Glenn, to me known to be the persons described in and who executed the foregoing instrument and they acknowledged before me that they executed the same.

WITNESS my hand and official seal in the County and State last aforesaid this 15 day of Dec A.D. 2000



THOMAS J. DUNCAN
Notary Public, State of Florida
My comm. expires Mar. 12, 2003
Comm. No. CC 814854

Thomas J Duncan
Notary Thomas J Duncan
My commission expires March 12, 2003

Columbia County Property Appraiser

DB Last Updated: 3/22/2011

2010 Tax Year

Parcel: 01-7S-16-04104-105

<< Next Lower Parcel Next Higher Parcel >>

Tax Collector

Tax Estimator

Property Card

Parcel List Generator

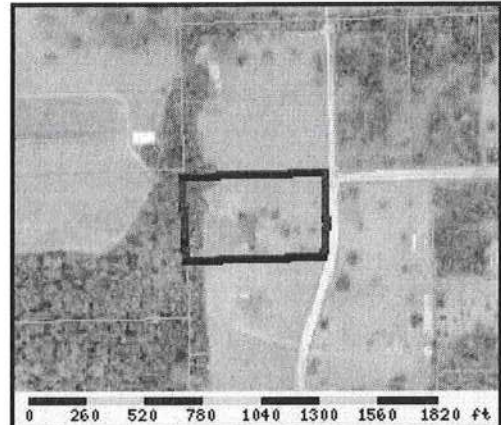
Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	HARRIS TIMOTHY E & PAMELA G		
Mailing Address	800 SW TIMUQUA TERR FT WHITE, FL 32038		
Site Address	800 SW TIMUQUA TER		
Use Desc. (code)	MOBILE HOM (000200)		
Tax District	3 (County)	Neighborhood	1716
Land Area	5.520 ACRES	Market Area	02
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction. LOT 5 BLOCK A TIMUQUA S/D. ORB 612-325, 780-501, 916-1492		



Property & Assessment Values

2010 Certified Values		
Mkt Land Value	cnt: (0)	\$31,436.00
Ag Land Value	cnt: (2)	\$0.00
Building Value	cnt: (1)	\$10,694.00
XFOB Value	cnt: (2)	\$1,800.00
Total Appraised Value		\$43,930.00
Just Value		\$43,930.00
Class Value		\$0.00
Assessed Value		\$43,930.00
Exempt Value	(code: HX)	\$25,000.00
Total Taxable Value	Cnty: \$18,930 Other: \$18,930 Schl: \$18,930	

2011 Working Values

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

Show Working Values

Sales History

Show Similar Sales within 1/2 mile

Sale Date	OR Book/Page	OR Code	Vacant / Improved	Qualified Sale	Sale RCode	Sale Price
12/15/2000	916/1492	WD	I	U	01	\$100.00
10/1/1991	751/1643	CT	V	U	11	\$0.00
6/15/1987	626/598	WD	V	U		\$9,500.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
2	MOBILE HME (000800)	1982	WALL BOARD (02)	1568	1984	\$10,326.00
Note: All S.F. calculations are based on exterior building dimensions.						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0190	FPLC PF	2000	\$1,200.00	0000001.000	0 x 0 x 0	(000.00)
0296	SHED METAL	2000	\$600.00	0000120.000	10 x 12 x 0	(000.00)

Land Breakdown

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787

PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED: 4/21/2011 DATE ISSUED: 4/27/2011

ENHANCED 9-1-1 ADDRESS:

800 SW TIMUQUA TER

FORT WHITE FL 32038

PROPERTY APPRAISER PARCEL NUMBER:

01-7S-16-04104-105

Remarks:

RE-ISSUE OF EXISTING ADDRESS FOR NEW STRUCTURE ON
PARCEL. OLD STRUCTURE TO BE REMOVED.

Address Issued By: SIGNED: / RONAL N. CROFT
Columbia County 9-1-1 Addressing / GIS Department

**NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION
INFORMATION RECEIVED FROM THE REQUESTER. SHOULD,
AT A LATER DATE, THE LOCATION INFORMATION BE FOUND
TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.**

COLUMBIA COUNTY OFFICE OF THE SHERIFF

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 01-7S-16-04104-105

Building permit No. 000029372

Use Classification SFD, UTILITY

Fire: 0.00

Permit Holder DONNIE DAVIS

Waste:

Owner of Building TIMOTHY & PAMELA HARRIS

Total: 0.00

Location: 800 SW TIMUQUA TERRACE, FT. WHITE, FL 32038

Date: 10/21/2011

Shay Curran

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



COLUMBIA COUNTY OFFICE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

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Shay Curran

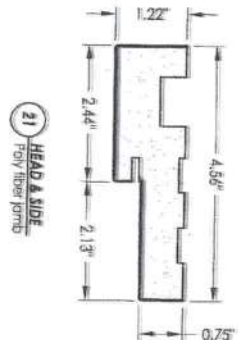
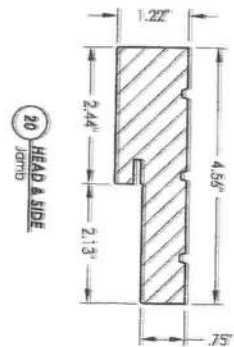
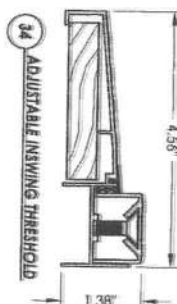
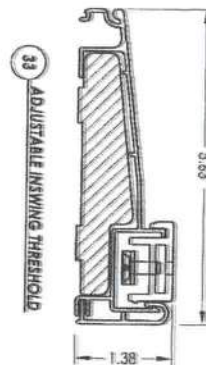
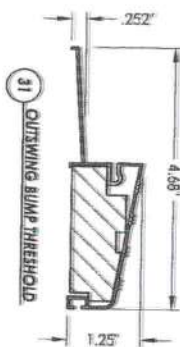
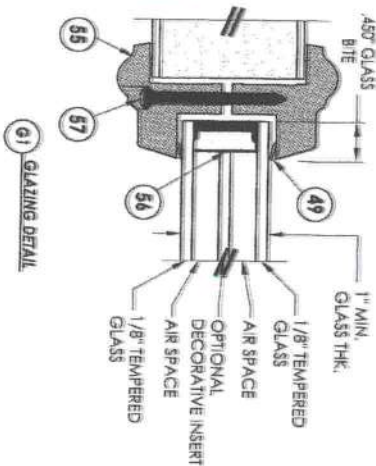
Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

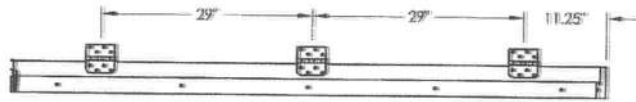


Whitfield Windows & Door Info

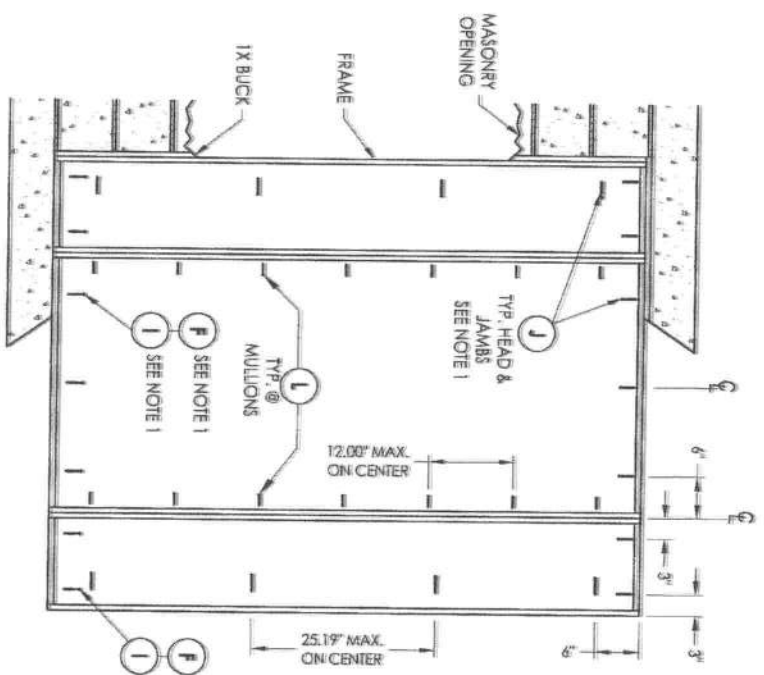
ITEM	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	WOOD
D	1/4" X 2-3/4" PH ELCO CONCRETE SCREW	STEEL
E	MASONRY - 3,192 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" X 2-3/4" PH ITW CONCRETE SCREW	STEEL
G	1/4" X 2-1/4" PH ITW CONCRETE SCREW	STEEL
H	1/4" X 3-3/4" PH ITW CONCRETE SCREW	STEEL
I	#10 X 2 PH WOOD SCREW	STEEL
J	#8 X 2-1/2" PH WOOD SCREW	STEEL
K	#8 X 2" PH WOOD SCREW	STEEL
L	#8 X 2" PH WOOD SCREW	STEEL
M	#8 X 2" PH WOOD SCREW	STEEL
N	FORCE 5 WEATHER STRIPPING BY ENDURA	FOAM
O	COMPRESSION WEATHER STRIP QLOK 650 BY SCHLEGEL	FOAM
P	4" X 4" BUTT HINGE	STEEL
Q	#9 X 1" PH WOOD SCREW	STEEL
R	#9 X 3/4" PH WOOD SCREW	STEEL
S	#8 X 1-1/2" PH WOOD SCREW	STEEL
T	KWIKSET KEYS ENTRY GRADE 2	STEEL
U	KWIKSET DEADBOLT GRADE 2	STEEL
V	FINGER JOINTED PINE FRAME, HEAD & HINGE JAMBS	WOOD
W	POLYMER JAMB	COMP. / VINYL
X	LATCH STRIKE PLATE	STEEL
Y	DEADBOLT PLATE	STEEL
Z	SEDLITE SPACER	PVC
AA	INSWING VINYL DOOR BOTTOM SWEEP BY ENDURA	VINYL
AB	OUTSWING BUMPS THRESHOLD	ALUM. / WOOD
AC	VINYL DOOR BOTTOM SWEEP #3428 BY HOLM IND.	PVC
AD	INSWING ADJUSTABLE THRESHOLD BY ENDURA	ALUM. / WOOD
AE	INSWING ADJUSTABLE ALUMINUM THRESHOLD BY DIP	WOOD
AF	SHOE MOLD 5/8" X 3/8"	WOOD
AG	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	FIBERGLASS
AH	DOOR SKIN (MIN. 0.075" THICK)	CELLULAR/PVC
AI	TOP RAIL	CELLULAR/PVC
AJ	LATCH & HINGE STILE	CELLULAR/PVC
AK	REINFORCEMENT WOOD FOR LOCKS (20" LONG)	WOOD
AL	BOTTOM RAIL	CELLULAR/PVC
AM	POLYURETHANE FOAM BY NAN YA	CELLULAR/PVC
AN	CONTINUOUS LATCH & HINGE STILE REINFORCEMENT	CELLULAR/PVC
AO	GLAZING COMPOUND	SILICONE
AP	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	GLASS
AQ	SIDELITE TOP & BOTTOM RAIL BY NAN YA	CELLULAR/PVC
AR	UP LITE OD/WESTERN REFLECTIONS HP	POLYPROPYLENE
AS	GLAZING SPACER	ALUM.
AT	#8 X 1-1/2" PH LITE FRAME SCREW	STEEL



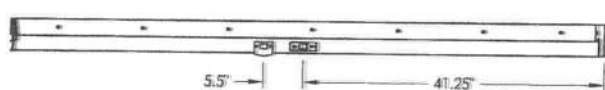
DRAWING NO.: FL-6142.B SHEET 9 OF 9		DATE: 9/3/08 SCALE: N.T.S. DWG. BY: JK CHK. BY: LFS		PRODUCT: NAN YA PLASTICS CORP. PLASTPRO INC. FIBERGLASS DOOR PART OR ASSEMBLY: BILL OF MATERIALS, GLAZING DETAIL & COMPONENTS		Documents Prepared By: RW BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL 33595 Phone No.: 813.609.9197 Florida Board of Professional Engineers Certificate of Authorization No. 9813 Lyndon F. Schmidt, P.E. No. 43408	
NO.		DATE		BY		REVISIONS	



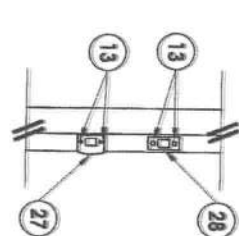
HINGE JAMB



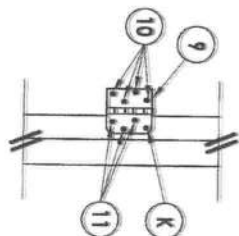
FRAME ANCHORING
Masonry 1X BUCK construction



STRIKE JAMB



LATCH & DEADBOLT DETAIL

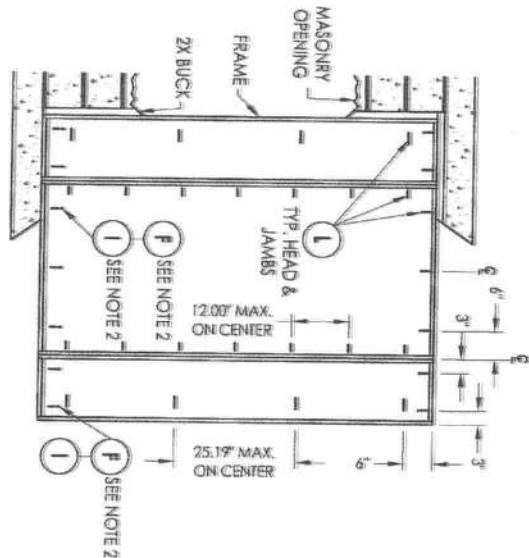
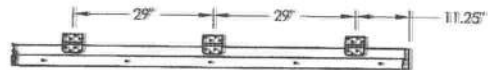
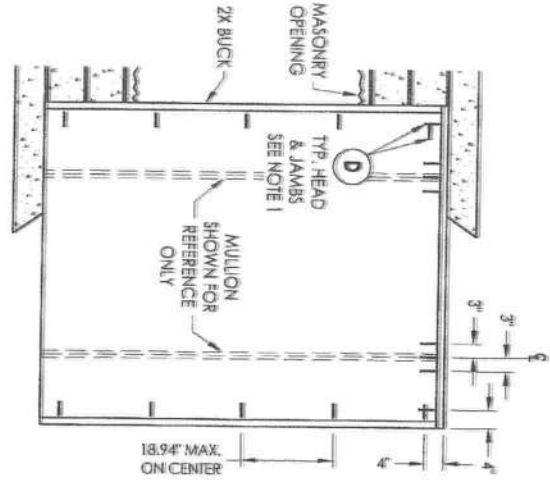


HINGE DETAIL

1. 1/4" TW concrete screws anchoring frame and/or sill require a minimum 2-1/2" clearance to masonry edges. a 1-1/4" minimum embedment and a minimum 3" clearance to adjacent concrete screws. Substitution of equal concrete screws from a different supplier may have different edge distance and center distance requirements. Concrete screw locations at the corners and at mullion locations may be adjusted to maintain the minimum edge distance to mortar joints. If concrete screw locations noted as "MAX. ON CENTER" must be adjusted to maintain the minimum edge distance to mortar joints, additional concrete screws may be required to ensure the maximum on center dimension is not exceeded.

NOTES:

DATE: 9/3/08 SCALE: N.T.S. DES. BY: JK CHK. BY: LFS DRAWING NO.: FL-6142.6 SHEET: 8 OF 9		PRODUCT: NAN YA PLASTICS CORP. PLASTPRO INC. FIBERGLASS DOOR PART OR ASSEMBLY: FRAME ANCHORING 1X BUCK MASONRY CONSTRUCTION		Documents Prepared By: RW BUILDING CONSULTANTS, INC. P.O. Box 230 Vero Beach FL 33595 Phone No.: 813.659.9197 Florida Board of Professional Engineers Certificate of Authorization No. 9813 Lyndon F. Schmidt, P.E. No. 43409	
NO. DATE REVISIONS		BY			



BUCK ANCHORING

HINGE JAMB

FRAME ANCHORING

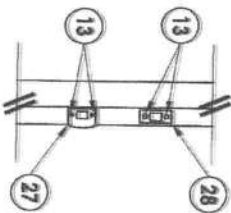
Masonry 2X Buck construction

STRIKE JAMB

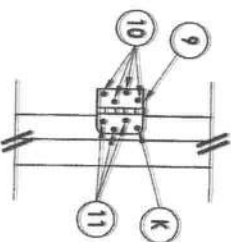
NOTES:

1. 1/4" Epo concrete screws anchoring 2x buck require a minimum 1" clearance to masonry edges, a 1-1/4" minimum embedment and a minimum 4" clearance to adjacent concrete screws. Substitution of equal concrete screws from a different supplier may have different edge distance and center distance requirements. Concrete screw locations at the corners and at mullion locations may be adjusted to maintain the minimum edge distance to mortar joints. If concrete screw locations noted as "MAX. ON CENTER" must be adjusted to maintain the minimum edge distance to mortar joints, additional concrete screws may be required to ensure the maximum on center dimension is not exceeded.
2. 1/4" ITW concrete screws anchoring frame and/or sill require a minimum 2-1/2" clearance to masonry edges, a 1-1/4" minimum embedment and a minimum 3" clearance to adjacent concrete screws. Substitution of equal concrete screws from a different supplier may have different edge distance and center distance requirements. Concrete screw locations at the corners and at mullion locations may be adjusted to maintain the minimum edge distance to mortar joints. If concrete screw locations noted as "MAX. ON CENTER" must be adjusted to maintain the minimum edge distance to mortar joints, additional concrete screws may be required to ensure the maximum on center dimension is not exceeded.

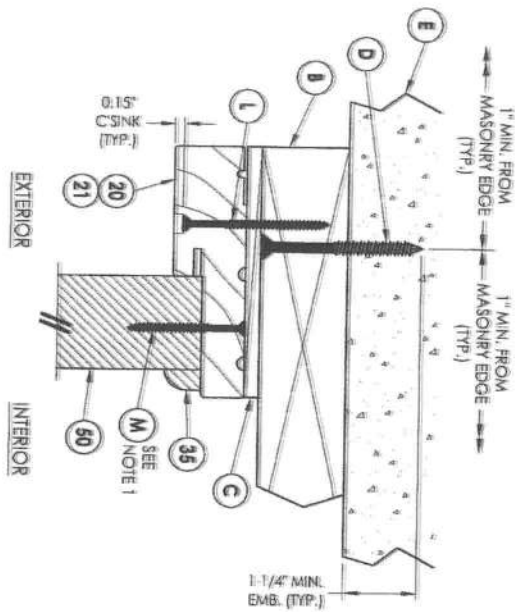
LATCH & DEADBOLT DETAIL



HINGE DETAIL

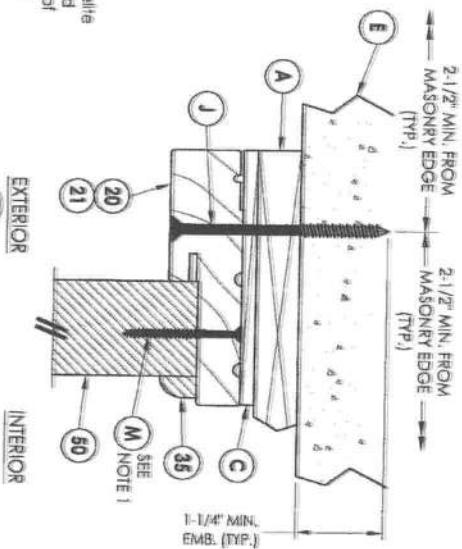


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NO.		DATE		BY		REVISIONS		PRODUCT:		Documents Prepared By:	
								NANI YA PLASTICS CORP.		BUILDING CONSULTANTS, INC.	
								PLASTPRO INC.		P.O. Box 230 Valrico FL 33595	
								FIBERGLASS DOOR		Phone No.: 813.659.9197	
								PART OR ASSEMBLY:		Florida Board of Professional Engineers	
								BUCK & FRAME ANCHORING 2X		Certificate of Authorization No. 9813	
								BUCK MASONRY CONSTRUCTION		Lyndon F. Schmidt, P.E. No. 43408	

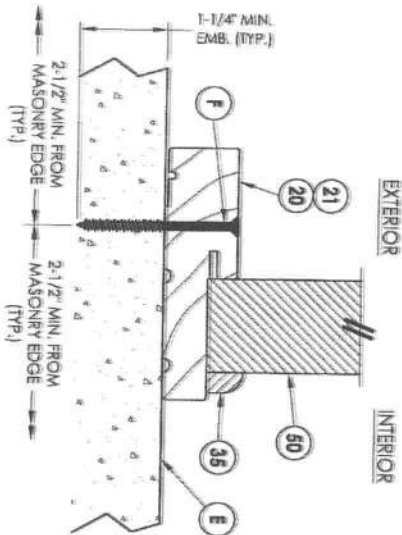


1 VERTICAL CROSS SECTION
Outswing shown - Inswing also approved

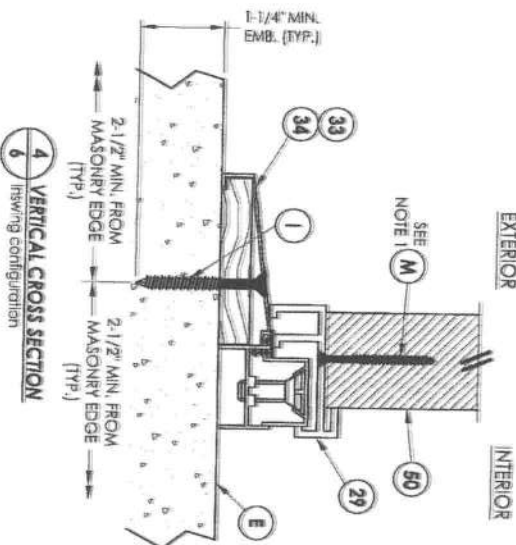
NOTE:
1. Sidelite panel secured to the sidelite frame with (4) of item #M located 10", 30.5", 51" and 71.5" from top of each jamb and (2) of item #M in the head, 3" from each end



2 VERTICAL CROSS SECTION
Shown w/IX sub-buck substituting concrete screws for wood screws per Section 1714.5.4.2 of the FBC

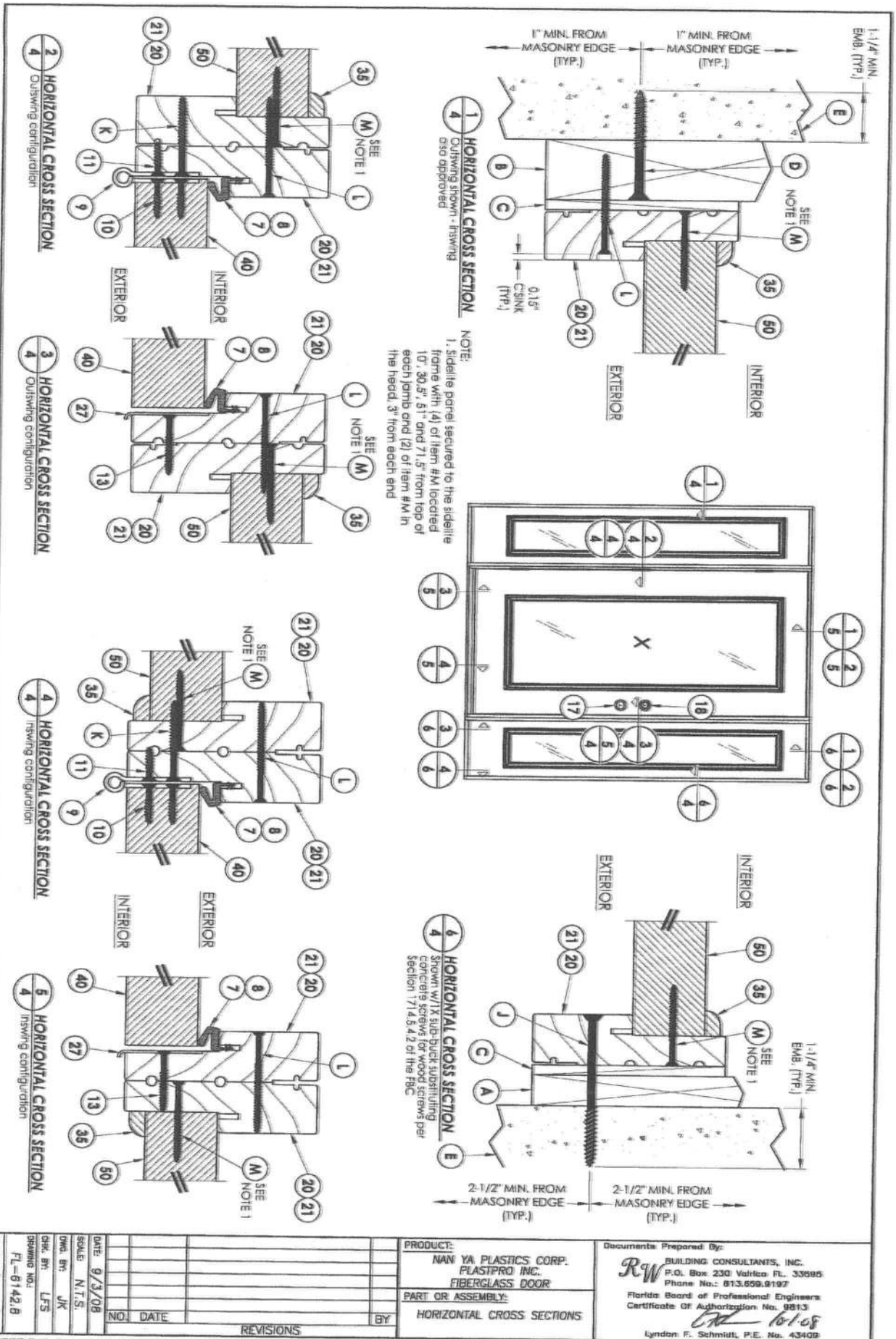


3 VERTICAL CROSS SECTION
Outswing shown - Inswing also approved

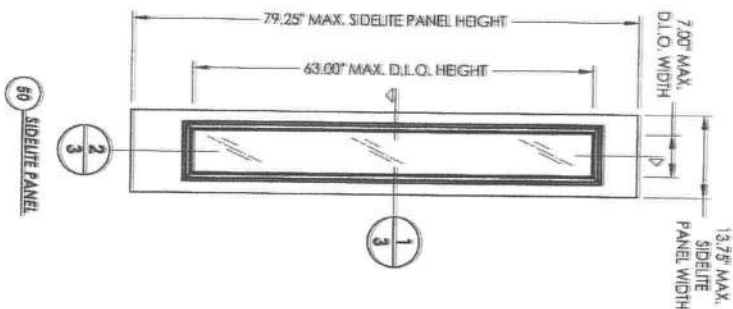


4 VERTICAL CROSS SECTION
Inswing configuration

DATE: 9/3/08 SCALE: N.T.S. DWG. BY: JK CHK. BY: LFS DRAWING NO.: FL-6142.8 SHEET: 6 OF 9	REVISIONS NO. DATE BY	PRODUCT: NAN YA PLASTICS CORP. PLASTPRO INC. FIBERGLASS DOOR PART OR ASSEMBLY: VERTICAL CROSS SECTIONS	Documents Prepared By: R.W. BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico, FL 33595 Phone No.: 813.659.9197 Florida Board of Professional Engineers Certificate Of Authorization No. 9813 Lyndon F. Schmidt, P.E. No. 43408
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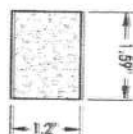


PRODUCT: NAN YA PLASTICS CORP. PLASTPRO INC. FIBERGLASS DOOR		Documents Prepared By: RW BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL 33595 Phone No.: 813.659.9197 Florida Board of Professional Engineers Certificate of Authorization No. 9813 Lyndon F. Schmidt, P.E. No. 43408	
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS		DATE: 9/3/08 SCALE: N.T.S. DWG. BY: JK CHK. BY: LFS DRAWING NO.: FL-6142.B SHEET 4 OF 9	
NO.	DATE	REVISIONS	BY

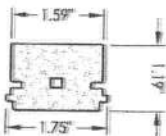


60 SIDELITE PANEL

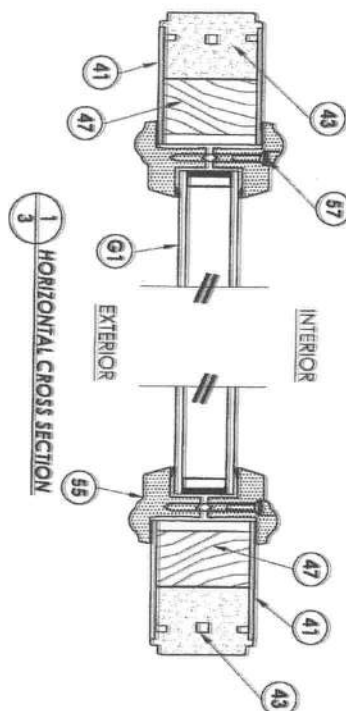
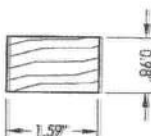
51 SIDELITE TOP & BOTTOM RAIL
Cellular PVC



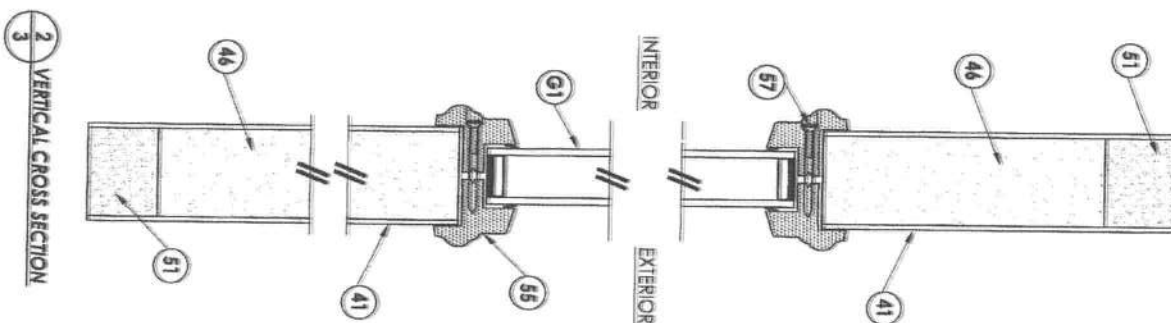
43 HINGE & LATCH STILE
Sidelite stile
Cellular PVC



47 LATCH & HINGE STILE
Sidelite stile
Wood reinforcement

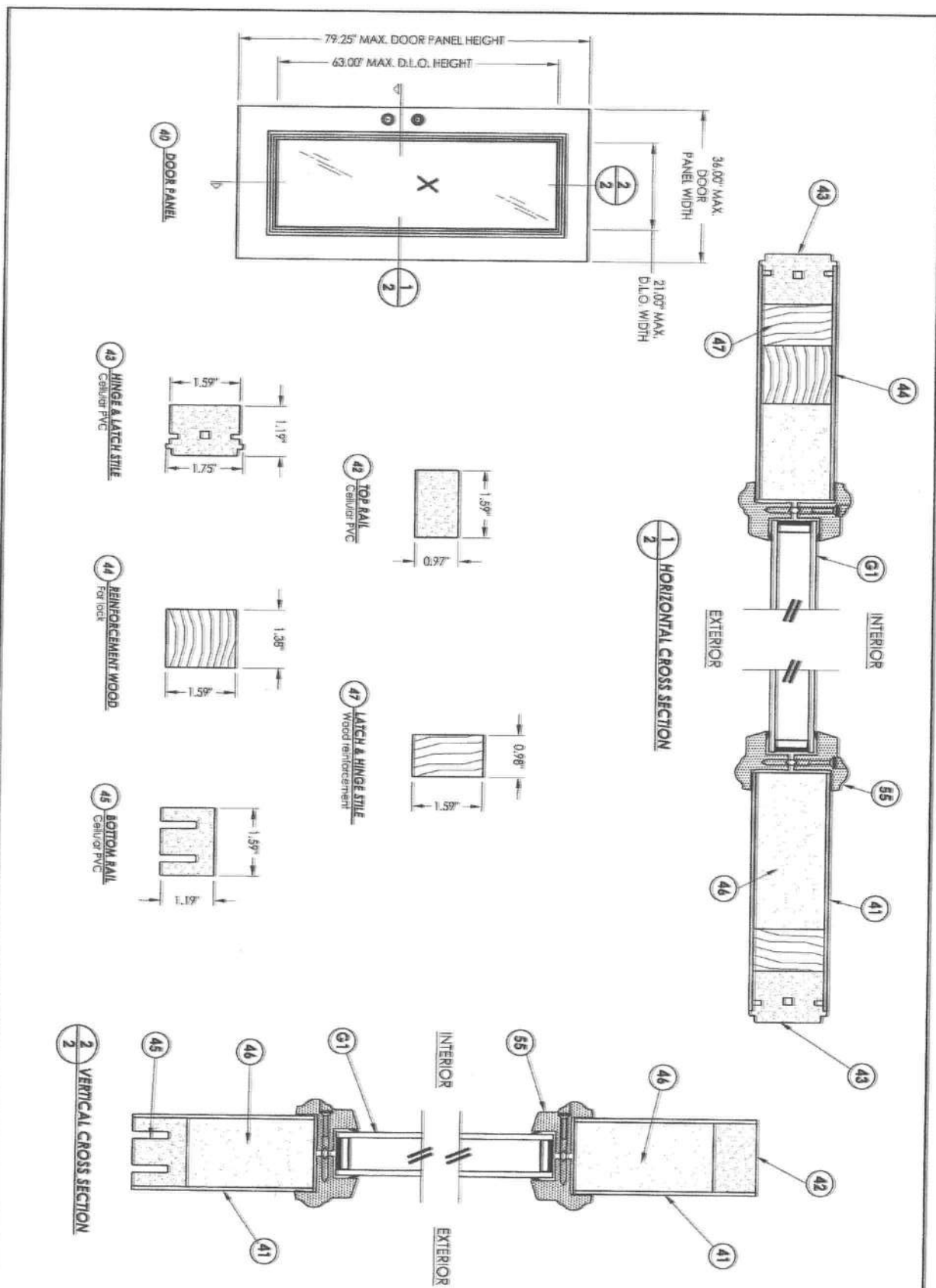


1 HORIZONTAL CROSS SECTION



2 VERTICAL CROSS SECTION

NO. DATE REVISIONS BY				PRODUCT: NAN YA PLASTICS CORP. PLASTPRO INC. FIBERGLASS DOOR		Documents Prepared By: <i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL 33596 Phone No.: 813.659.9197 Florida Board of Professional Engineers Certificate Of Authorization No. 9813 <i>Lynden F. Schmidt</i> 6-1-88 Lynden F. Schmidt, P.E. No. 43408	
DATE: 9/5/08 SCALE: N.T.S. DWG. BY: DT CHK. BY: LFS DRAWING NO.: FL-6142.B SHEET 3 OF 9				PART OR ASSEMBLY: SIDELITE PANEL DETAILS			



DATE: 09/03/08 SCALE: N.T.S. CMA: BY: JK CHK: BY: LFS DRAWING NO.: FL-6142.8 SHEET 2 OF 9		PRODUCT: NAN YA PLASTICS CORP. PLASTPRO INC. FIBERGLASS DOOR PART OR ASSEMBLY: DOOR PANEL DETAILS	Documents Prepared By: <i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230 Vero Beach, FL 33595 Phone No.: 813.659.9197 Florida Board of Professional Engineers Certificate of Authorization No. 9813 <i>1752 10-1-08</i> Lyndon F. Schmidt, P.E. No. 43409
NO.	DATE	BY	REVISIONS



NAN YA PLASTICS CORP.
PLASTPRO INC.
9 BEACH TREE HILL ROAD
LIVINGSTON, NEW JERSEY 07039

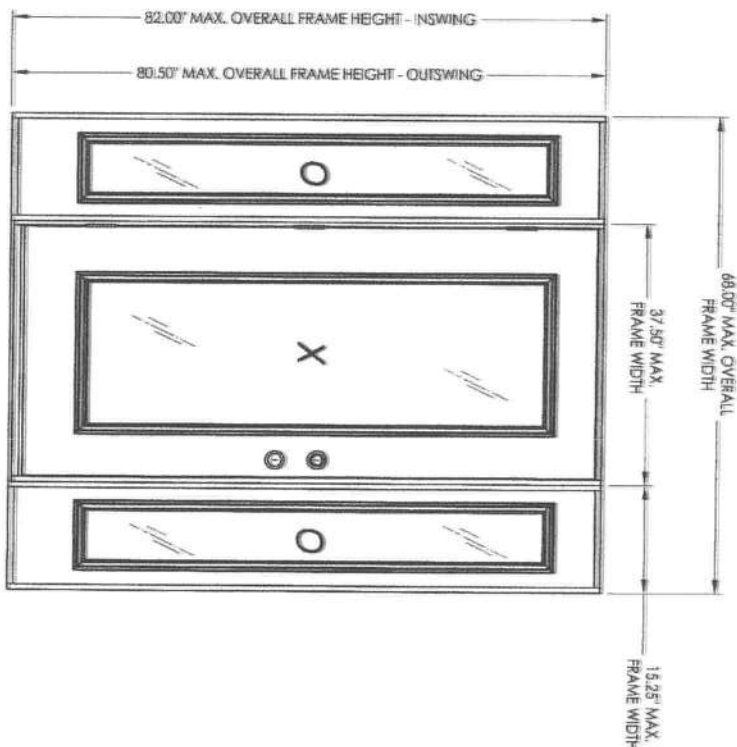
DISTINCTION SERIES
GLAZED FIBERGLASS DOOR
WITH SIDELITES
LIP LITE SCREW FRAME
INSWING / OUTSWING
"NON-IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 2007 Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with Section 1609.1.2 of the 2007 FBC.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	Typical elevation, design pressures, & general notes
2	Door panel details
3	Sidelite panel details
4	Horizontal cross sections
5	Vertical cross sections
6	Vertical cross sections
7	Buck and frame anchoring - 2x buck masonry construction
8	Frame anchoring - 1X buck masonry construction
9	Bill of materials, glazing detail & components



SWING	OVERALL FRAME DIMENSION	DOOR D.L.O. DIMENSION	SIDELITE D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)
INSWING	68.00" x 82.00"	21.00" x 43.00"	7.00" x 43.00"	G1	+48.0 -50.0
OUTSWING	68.00" x 80.50"	21.00" x 43.00"	7.00" x 43.00"		+50.0 -50.0

DATE: 9/3/08		SCALE: N.T.S.		DWG. BY: JKS		CHK. BY: LFS		DRAWING NO.: FL-6142.8	
SHEET 1 OF 9		PRODUCT: NAN YA PLASTICS CORP. PLASTPRO INC. FIBERGLASS DOOR		PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES		BY:		REVISIONS	
NO.		DATE							

Documents Prepared By: R.W. BUILDING CONSULTANTS, INC. P.O. Box 230 Valrico FL 33595 Phone No.: 813.859.9197
Florida Board of Professional Engineers Certificate Of Authorization No. 9813
Lyndon F. Schmidt, P.E. No. 43408

GLAZING DETAIL (4/1)

2 x 10 SOUTHERN YELLOW PINE BLOCK MATERIAL
2 x 4 SOUTHERN YELLOW PINE BLOCK MATERIAL
SILICON SEALANT (TENSIL 800 CLEAR)

FIX HEAD 1

INTERLOCK RAIL 2

VENT SILL 3

ELEVATION (1 THUS)

(1) TEST NAFS-1 (AAMA 101) FOR DP-50

LEGEND:

① GLASS TYPE: 3/4" INSULATED UNIT
3/32" CLR. X 9/16" AIR X 3/32" CLR.
1" (FH/2) = 5 13/32" x (FH/2) = 2 11/16"

● - INDICATES LOCK LOCATION
ONE LOCK(CENTER)

PROJECT INFORMATION:

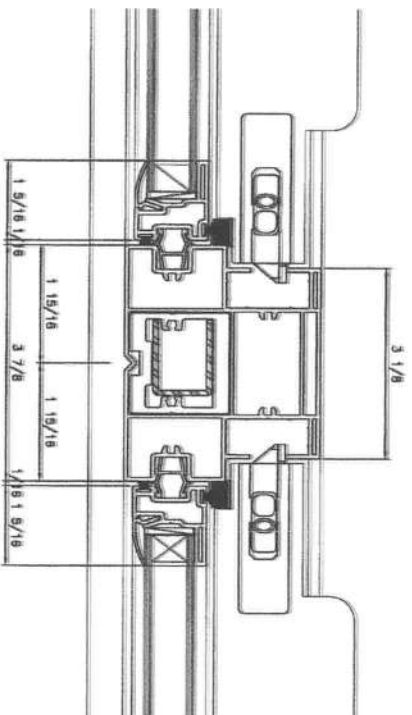
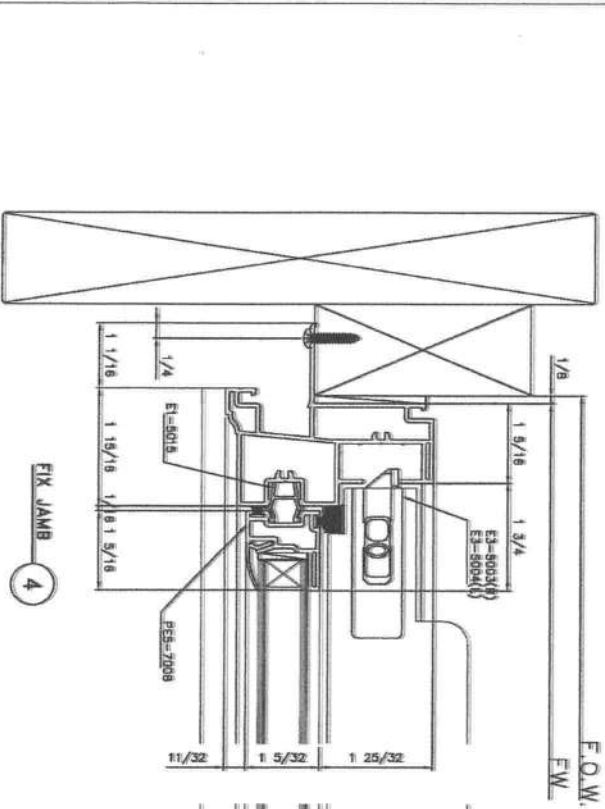
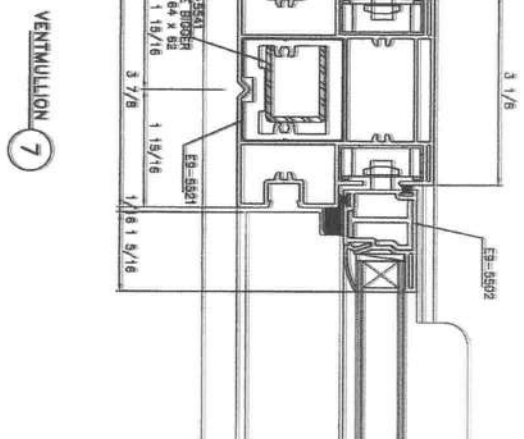
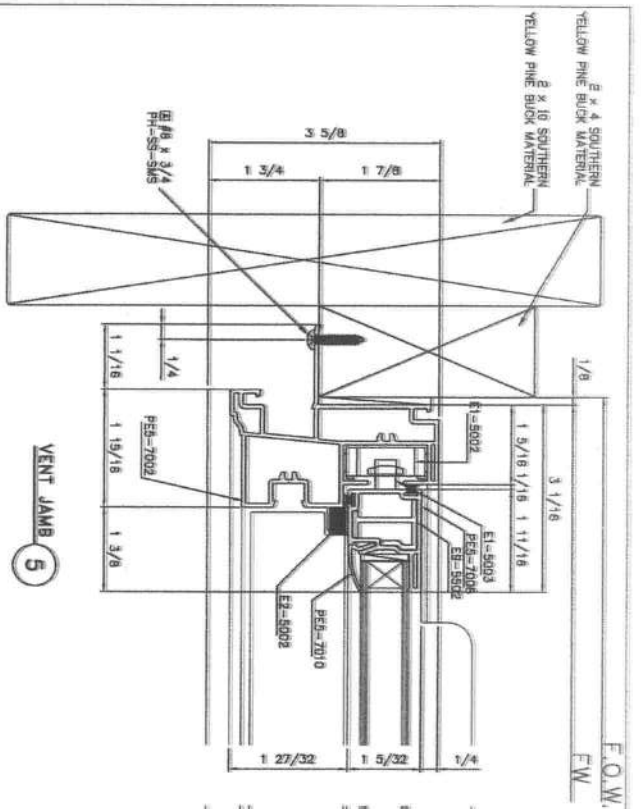
REV.	DESCRIPTION	BY	DATE
1	ADD SCREW		4/25/73/7/7

TABLE:

SECTION	STYLE VIEW	SCALE
SINGLE HUNG/INTERIAL MILLION(OP90)		1/2

DATE: 12/05/08
BY: 1 OF 2

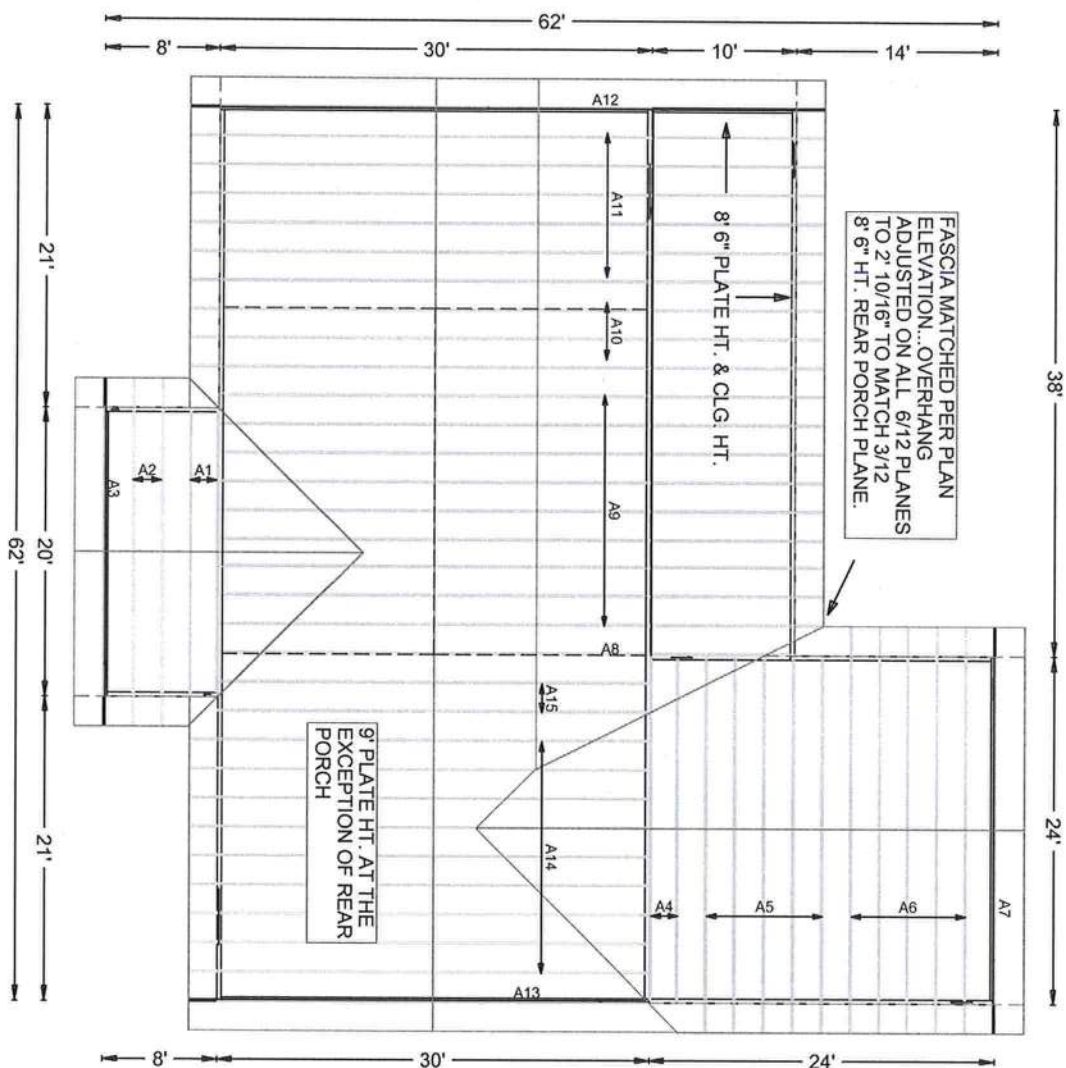
REV.	DESCRIPTION	BY	DATE
1	FOR SUBMITTAL	1/8/02/23/02	
2			
3			



Shurtown Test Laboratory
 Tested and
 Approved
 Date: 6/10/07
 200 # 0231-1201-05

YKK

ITEM	STYLE VIEW	SCALE
1	1/2	
2		
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Roof Plane Sheathing Area = 3838 sq. ft
 Gable Sheathing Area = 370 sq. ft
 Total Sheathing Area = 4209 sq. ft
 Fascia Material = 253 linear ft
 Valley Flashing Material = 86 linear ft
 Ridge Cap Material = 172 linear ft
 Hip Ridge Material = 8 linear ft

ROOF PITCH: 3/12, 6/12
 CLG PITCH: (1) 3/12 VAULT
 OVERHANG: 2', & 2' 10/16"
 LOADING: 40
 WIND LOAD: 110
 EXT WALLS: 2X4X9
 DATE: 9/7/2010

W.B. Howland Truss Co.
 P.O. Box 700
 Live Oak, FL 32064
 (386) 362-1235
 (386) 362-7124 (fax)

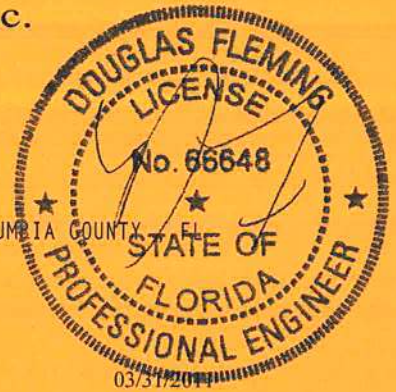


Job Name: DONNIE DAVIS/HARRIS RES.
 Customer: HIGH SPRINGS CONST.
 Designer: Cynthia Gude-Newsome



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:1UAP215-Z0331140144



Truss Fabricator: W.B. Howland
Job Identification: 6975-/DONNIE DAVIS/HARRIS RES. /HIGH SPRINGS CONST. -- COLUMBIA COUNTY, FL
Truss Count: 15
Model Code: Florida Building Code 2007 and 2009 Supplement
Truss Criteria: FBC2007Res/TPI-2002(STD)
Engineering Software: Alpine Software, Versions 10.01, 10.02.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-05 -Closed

Notes:

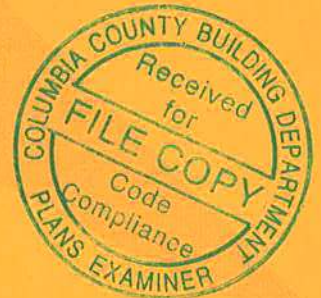
1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

Douglas Fleming
-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

Details: A1101505-GBLLETIN-BRCLBSUB-

#	Ref	Description	Drawing#	Date
1	82099--A1		11090064	03/31/11
2	82100--A2		11090065	03/31/11
3	82101--A3		11090066	03/31/11
4	82102--A4		11090067	03/31/11
5	82103--A5		11090068	03/31/11
6	82104--A6		11090069	03/31/11
7	82105--A7		11090070	03/31/11
8	82106--A8		11090071	03/31/11
9	82107--A9		11090072	03/31/11
10	82108--A15		11090073	03/31/11
11	82109--A14		11090074	03/31/11
12	82110--A13		11090075	03/31/11
13	82111--A12		11090076	03/31/11
14	82112--A11		11090077	03/31/11
15	82113--A10		11090078	03/31/11



(6975-)/DONNIE DAVIS/HARRIS RES. /HIGH SPRINGS CONST. -- COLUMBIA COUNTY, FL - A1)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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 C, wind TC DL=5.0 psf, wind
BC DL=5.0 psf. IW=1.00 GCp1 (+/-)=0.18

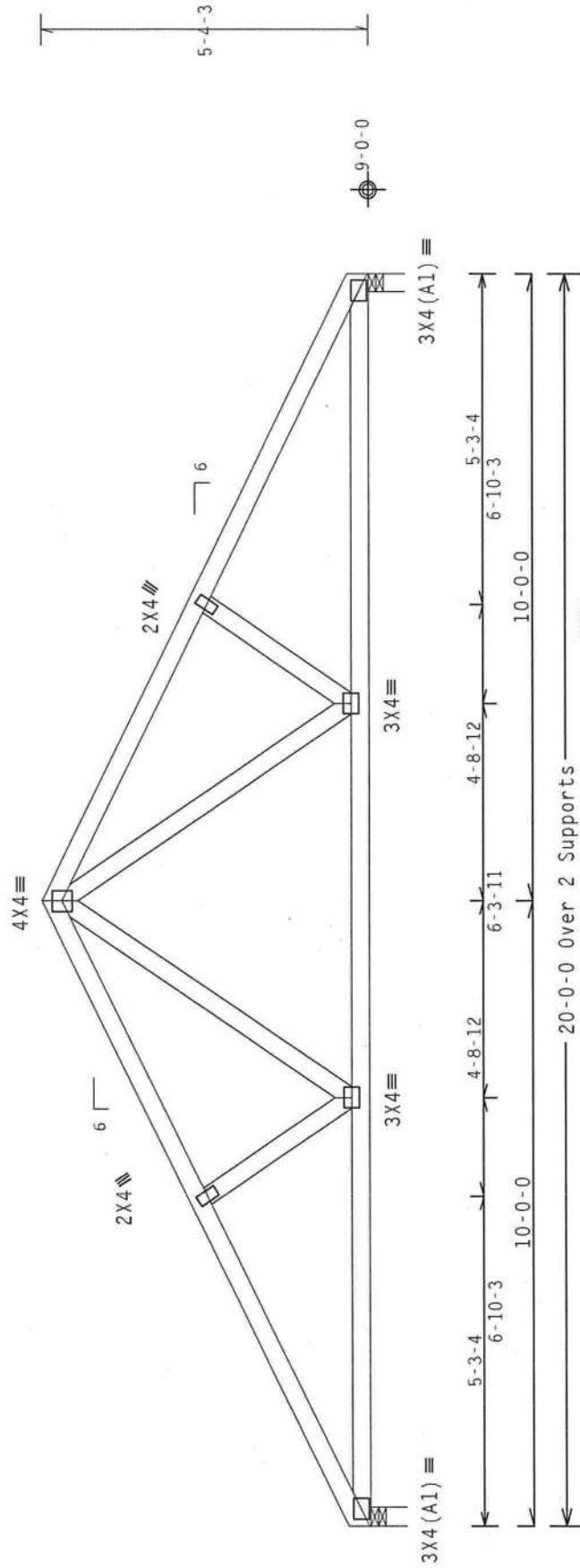
Bottom chord checked for 10.00 psf non-concurrent live load.

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 5-4-3.

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



R-800 U-207 W-3.5"
RL-151/-151

R-800 U-207 W-3.5"

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=20%(0%)/10(0)

Scale = .375"/ft.

REF	R215--	82099
DATE	03/31/11	
DRW	HCUSR215	11090064
HC-ENG	KD/DF	*
SEQN	276499	
FROM	CDM	
JREF	1UAP215_Z03	



ALPINE
Haines City, FL 33844
FL COA #0 278

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET
****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI Building Component Safety Information, by TPI and WCA for details. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of the truss shall have bracing installed per BCSI Sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 1000-2 for standard plate positions. A seal on the bottom chord of the truss shall be provided. The seal shall be applied to the bottom chord of the truss. The responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: ITN-805; www.itnbcg.com; TPI: www.tpinet.org; WCA: www.wcaindustry.com; ICC: www.iccsafe.org

(6975- /DONNIE DAVIS/HARRIS RES. /HIGH SPRINGS CONST. -- COLUMBIA COUNTY, FL - A2)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

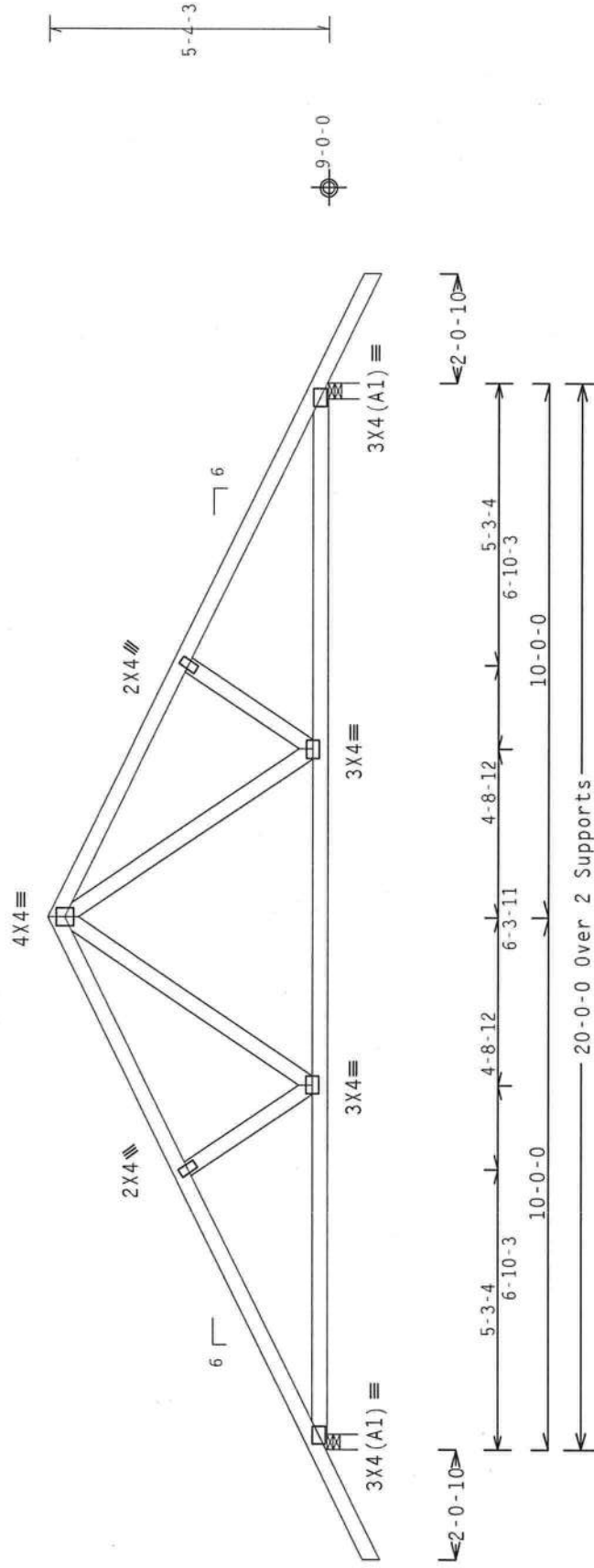
Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MMFRS pressures.

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

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

The overall height of this truss excluding overhang is 5-4-3.



R-932 U=255 W=3.5"
RL-31/-214

R-932 U=255 W=3.5"

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave

Scale = .3125"/Ft.



IMPORTANT READ AND FOLLOW ALL NOTES ON THIS SHEET!
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to
follow the latest edition of BCSI Building Component Safety Information, by TPI and KICA for
practices prior to performing these functions. Installers shall provide temporary bracing per BCSI
unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord
shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs
shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

IW Building Components Group Inc. (IWBCG) shall not be responsible for any deviation from the
any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or
bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job
Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on
drawing or cover page listing this drawing, indicates acceptance of professional engineering
responsibility solely by the Building Component Safety Information (BCSI) and use of this design for any structure
not specifically designed for this purpose. This job's
general notes page: IWB-CG: www.iwb-cg.com; TPI: www.tpinet.org; KICA: www.sbcindustry.com;
ICC: www.iccsafe.org

QTY 2

10.01.00/0506.13

FL/-/5/-/R/-

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

REF R215-- 82100

DATE 03/31/11

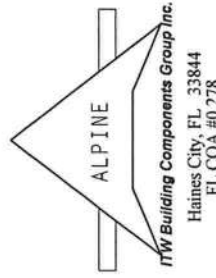
DRW HCUSR215 11090065

HC-ENG KD/DF

SEQN- 276491

FROM CDM

JREF- 1UAP215_Z03



(6975-/DONNIE DAVIS/HARRIS RES. /HIGH SPRINGS CONST. -- COLUMBIA COUNTY, FL - A3)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

Truss spaced at 24.0" OC designed to support 2-0-0 top chord outlookers. Cladding load shall not exceed 0.00 PSF. Top chord must not be cut or notched.

Wind reactions based on MWFRS pressures.

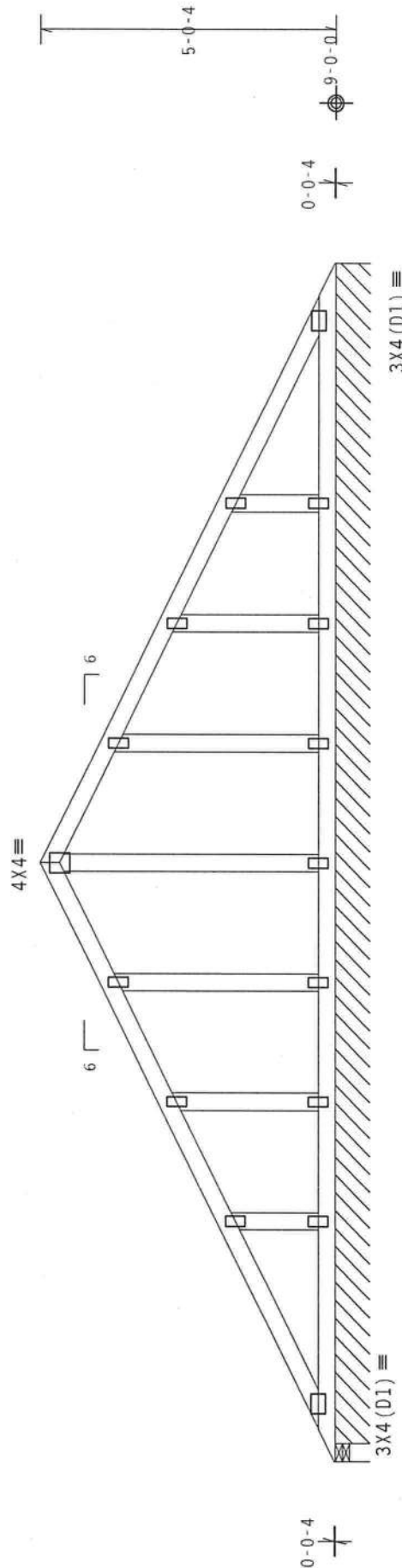
See DWGS A11015050109 & G8LLETIN0109 for more requirements.

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

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

The overall height of this truss excluding overhang is 5-0-4.

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



10-0-0 10-0-0 20-0-0 Over 2 Supports

R-136 U=29 W=3.5"
RL=283/-283
R-118 PLF U=41 PLF W=19-8-8

Note: All Plates Are 2X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002 (STD)

FT/RT=20%(0%)/10(0)

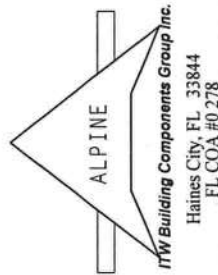
PLT TYP. Wave

Scale = .375"/Ft.

TC LL	20.0 PSF	REF R215--	82101
TC DL	10.0 PSF	DATE	03/31/11
BC DL	10.0 PSF	DRW	HCUSR215 11090066
BC LL	0.0 PSF	HC-ENG	KD/DF
TOT.LD.	40.0 PSF	SEQN-	276492
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1UAP215_Z03



****IMPORTANT**** READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI Building Component Safety Information, by TPI and MICA for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCSI sections B3, B9 or B10, as applicable.
TPI Building Components Group Inc. (TIBC) shall not be responsible for any deviation from the design of any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job. Drawing and cover page listing this drawing. Indicates acceptance of professional engineering structure. The responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This job's general notes page: TIBC-BCSI: www.tibcog.com; TPI: www.tpinet.org; MICA: www.sbciindustry.com; ICC: www.iccsafe.org



Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpf(+/-)=0.18

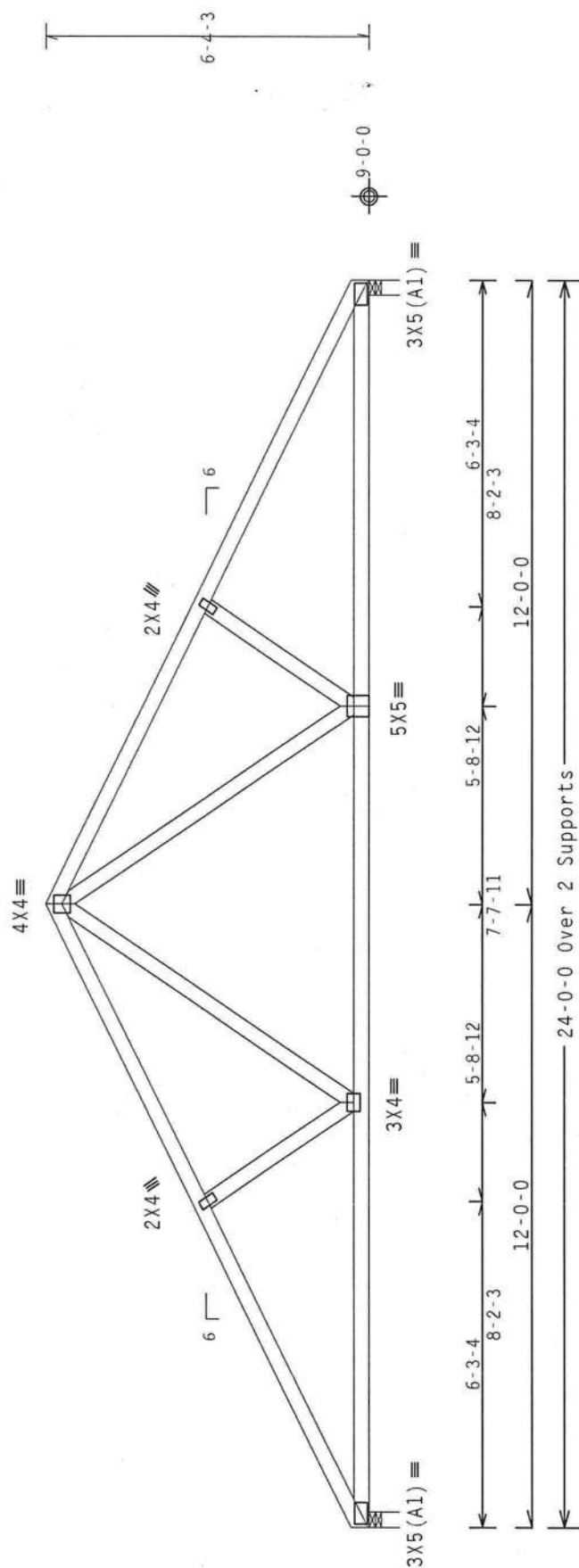
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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.

The overall height of this truss excluding overhang is 6-4-3.



R=1011 U=68 W=3.5"
RL=181/-181

R-1012 U-68 W-3.5"

24-0-0 Over 2 Supports -

Design Crit: FBC2007Res/TPI-2002(STD)

FT/RT=20%(0%)/10(0)

Scale = .3125"/Ft.

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

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

****IMPORTANT****

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to local building codes for all applicable requirements. Truss manufacturer's instructions must be followed. The following are minimum requirements for installation:
1. Follow the latest edition of BCSP (Building Component Safety) information by IPI and WICA for all applicable requirements.
2. Truss manufacturer's instructions shall provide temporary bracing per SPSI.
3. Chords shall have a properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint will have bracing installed per SPSI sections B3, B7 or B10, as applicable.

The Building Components Group Inc. (LBGBC) shall not be responsible for any deviation from the design shown on drawings or specifications. LBGBC will accept responsibility for the design of all bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 160A-2 For standard plate positions. A seal on drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the user. For information contact: LBGBC, 1800 S. Main St., Suite 300, This Job's responsibilities apply. LBNGC, www.lbngc.com; TPI: www.tpinet.org; Secret: NICA; www.sbcindustries.com; E-mail: lbngc@lbngc.com; TPI: www.tpinet.org; Secret: NICA; www.sbcindustries.com; E-mail: lbngc@lbngc.com

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

ALPINE

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

Building Components Group
Haines City, FL 33844

EL COA #0 278

EL COA #0 278

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

Wind reactions based on MNFRS pressures.

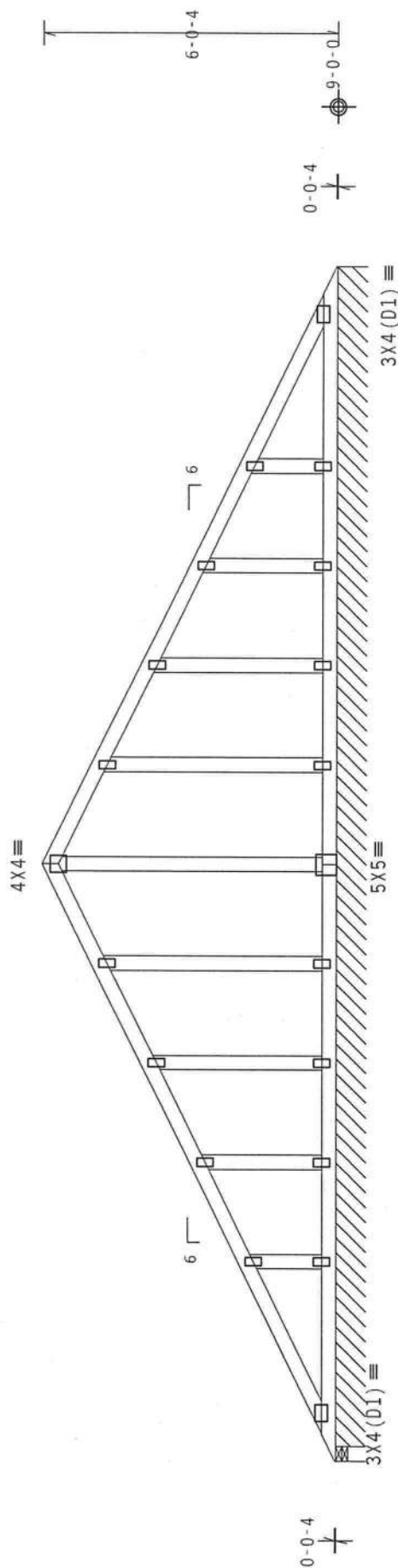
See DWGS A11015050109 & GBLLETIN0109 for more requirements.

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

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

The overall height of this truss excluding overhang is 6-0-4.

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



12-0-0

12-0-0

24-0-0 Over 2 Supports -

R-144 U-46 W-3 5"

RL-344/-344

R-119 PLF U-42 PLF W-23-8-8

Note: All Plates Are 2X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)

FL/-/5/-/-/R/-/
Scale = .3125"/Ft.

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

[illegible][illegible]

TC LL	20.0 PSF
-------	----------

TC DI 10 0 PCE

10.0 P3F

3C DL 10.0 PSF

0.0 PSF

40T.LD. 40.0 PSF

10.25.15

OUR.FAC. 1.23

SPACING 24.0"

Scale = .3125"/Ft.

RFF R215-- 82105

DATE	03/31/11
COITZG	17

DATE 03/31/11

ORW HCUSR215 11090070

HC-ENG KD/DF

SFON- 276498

270430	CDM
270430	CDM

FROM	CUM
1	1
2	3
3	6
4	10
5	15
6	21
7	28
8	36
9	45
10	55
11	66
12	78
13	91
14	105
15	120
16	136
17	153
18	171
19	190
20	210
21	231
22	253
23	276
24	300
25	325
26	351
27	378
28	406
29	435
30	465
31	496
32	528
33	561
34	595
35	630
36	666
37	703
38	741
39	780
40	820
41	861
42	903
43	946
44	990
45	1035
46	1081
47	1128
48	1176
49	1225
50	1275
51	1326
52	1378
53	1431
54	1485
55	1540
56	1596
57	1653
58	1711
59	1770
60	1830
61	1891
62	1953
63	2016
64	2080
65	2145
66	2211
67	2278
68	2346
69	2415
70	2485
71	2556
72	2628
73	2701
74	2775
75	2850
76	2926
77	3003
78	3081
79	3160
80	3240
81	3321
82	3403
83	3486
84	3570
85	3655
86	3741
87	3828
88	3916
89	4005
90	4095
91	4186
92	4278
93	4371
94	4465
95	4560
96	4656
97	4753
98	4851
99	4950
100	5050

REF- 1UAP215_Z03

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	Webs	2x4	SP	#2	N

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpf (+/-)=0.18

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

Wind reactions based on MWFRS pressures.

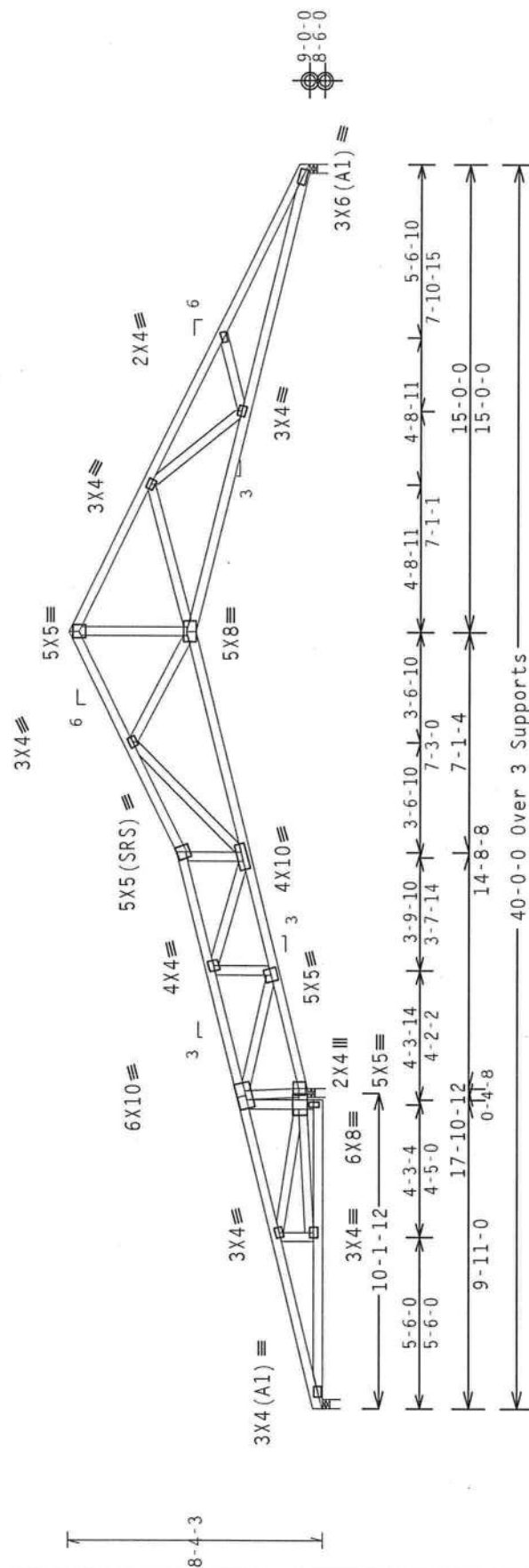
Deflection meets L/240 live and L/180 total load.

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

Shim all supports to solid bearing.

The overall height of this truss excluding overhang is 8-4-3.

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



R=-75 RW=3 U=54 W=3.5"
RL=228/-173

R-1024 U-87 W-3.5"

R-2251 U=188 W=3.5"

Design Crit: FBC2007Res/TPI-2002(STD)

FL/-/5/-/-/R/-
Scale =.1875"/Ft.

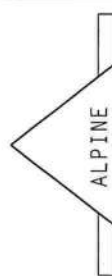
PLT TYP. Wave

TC LL	20.0	PSF	REF	R215--	82106
TC DL	10.0	PSF	DATE	03/31/11	
BC DL	10.0	PSF	DRW	HCUSR215	11090071
BC LL	0.0	PSF	HC-ENG	KD/DF	
TOT.LD.	40.0	PSF	SEQN-	296753	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1UAP215	Z03



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

Trusses require extreme care in fabrication, handling, shipping, installing and bracing. Refer to the latest edition of the Building Component Safety Information by IPI and IBCA for more information. Trusses shall have properly attached structural sheathing and bottom chord bracing. The bottom chord shall have a properly attached lateral bracing system. Trusses shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

[illegible]

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

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCp1 (+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

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

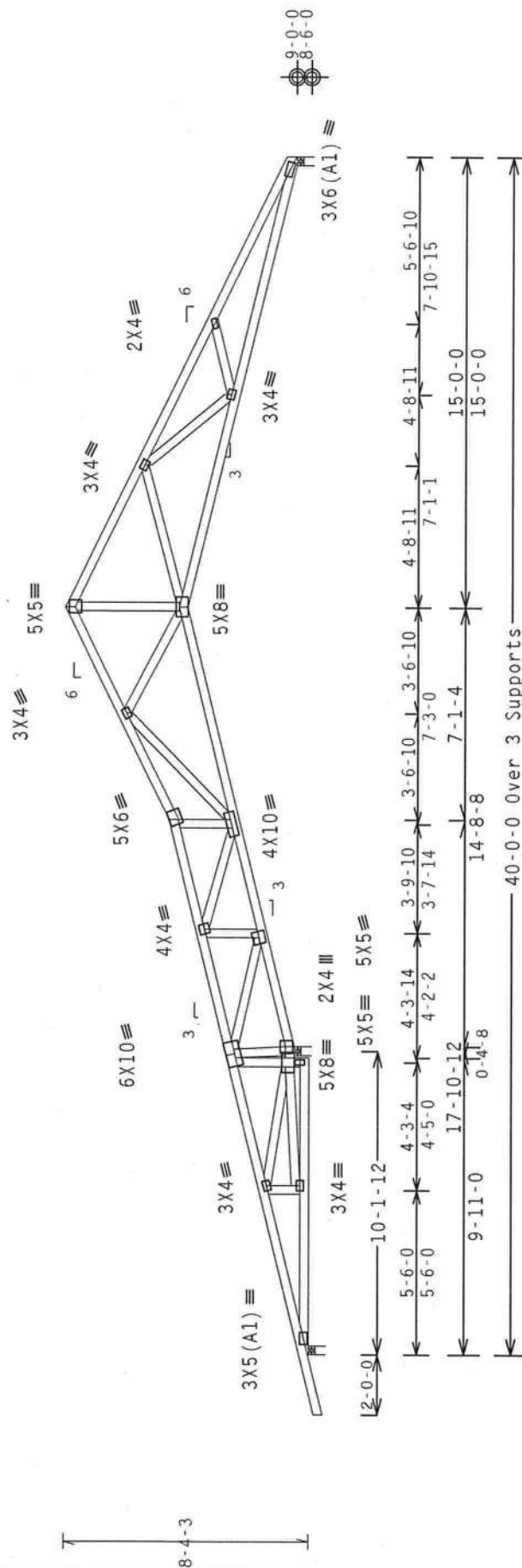
Bottom chord checked for 10.00 psf non-concurrent live load.

Shim all supports to solid bearing.

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

The overall height of this truss excluding overhang is 8-4-3.

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



R=66 U=152 W=3.5"

RL-236/-185

R=2237 U=178 W=3.5"

R=1025 U=87 W=3.5"

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

FL/-/5/-/-/R/-
Scale = .1875"/Ft.

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

11

TC LL	20.0 PSF
-------	----------

REF R215-- 82107

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. To follow the latest edition of BCSI (Building Component Safety Information, by TPI and NRC) practices noted to performing these functions. Installers shall provide temporary bracing and bracing as required. If the trusses are not braced properly, they may become unstable and collapse. Trusses shall have a properly attached rigid ceiling. Clords shown for permanent lateral restraint of wall shall have bracing installed per CSI sections 63, 67 or 80, as applicable.

LTW Building Components Group Inc. (LTW-BCG) shall not be responsible for any deviation from the design shown on this drawing. LTW-BCG shall not be responsible for any failure or structural buckling of trusses. Apply plates to each face of truss and position as shown above and on the following details, unless noted otherwise. Refer to drawings 160A-2 For standard plate positions. A seal of the manufacturer is required for this design shown. The suitability and use of this design for any structure is the responsibility of the design shown. The availability and use of this design for any structure is the responsibility of the design shown. This job is not to be used for any other purpose. For general notes see: LTW-BCG: www.ltwbcg.com; TPI: www.tpinet.org; NACA: www.nacaindustry.com; www.1ccsafe.org



BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

HC-ENG KD/DF
SEQN- 276505
FROM CDM
JREF- 1UAP215 Z03

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

(6975- /DONNIE DAVIS/HARRIS RES. /HIGH SPRINGS CONST. -- COLUMBIA COUNTY, FL - A15)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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 C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpf(+/-)=0.18

Left end vertical not exposed to wind pressure.

Wind reactions based on MWFRS pressures.

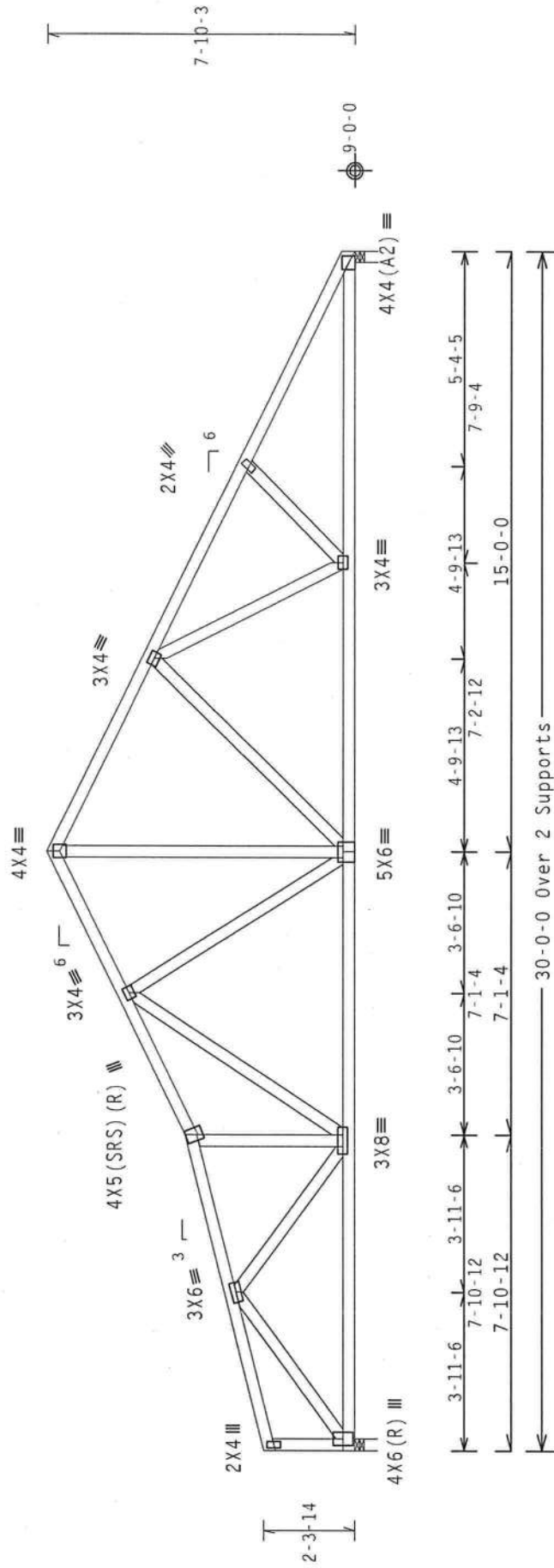
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

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

The overall height of this truss excluding overhang is 7-10-3.

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



R=1247 U=139 W=3.5"
RL=171/-184

R=1239 U=106 W=3.5"

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave

Scale = .25"/Ft.



ALPINE Alpine Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET **IMPORTANT** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) for best practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, or bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Trusses are designed for standard plate dimensions. No steel on deck. Listing this design, or trusses fabricated according to this design, does not constitute the responsibility solely of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This Job's general notes page; ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WCA: www.sbcindustry.com; ICC: www.iccsafe.org		FL / - / 5 / - / - / R / -	TC LL	20.0 PSF	REF	R215 --	82108
			QTY 2	TC DL	10.0 PSF	DATE	03/31/11	
			No. 66648	BC DL	10.0 PSF	DRW	HCUSR215	11090073
			STATE OF FLORIDA	BC LL	0.0 PSF	HC-ENG	KD/DF	*
			PROFESSIONAL ENGINEER	TOT.LD.	40.0 PSF	SEQN	276518	
		03/31/2011	DUR.FAC.	1.25	FROM	CDM		
			SPACING	24.0"	JREF	1UAP215_Z03		

(6975-)/DONNIE DAVIS/HARRIS RES. /HIGH SPRINGS CONST. -- COLUMBIA COUNTY, FL - A14)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

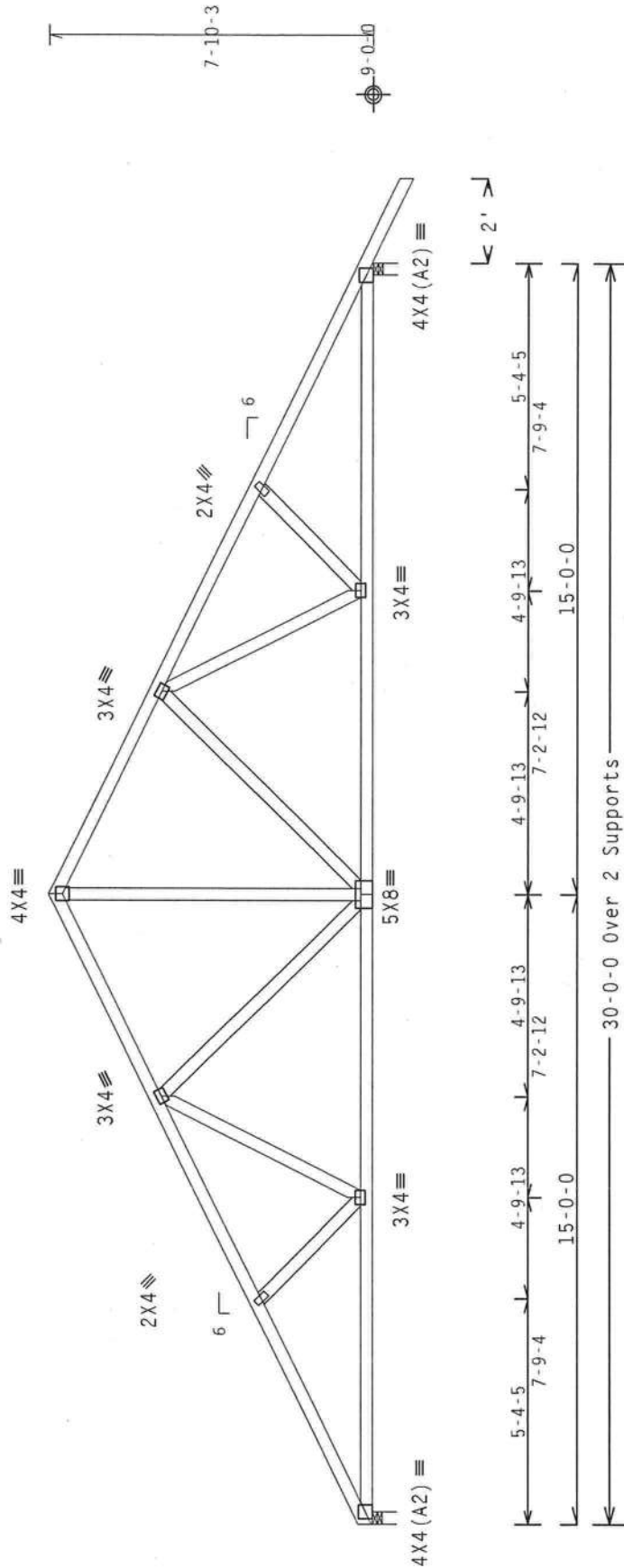
Roof overhang supports 2.00 psf soffit load.

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.

The overall height of this truss excluding overhang is 7-10-3.



R-1195 U-310 W-3.5"
RL-265/-250

R-1334 U-361 W-3.5"

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT-20%(0%)/10(0)

FL/-/5/-/-/R/-

Scale = .25"/Ft.

ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278 No. 66848 ★ ★ STATE OF FLORIDA PROFESSIONAL ENGINEER 03/31/2011 **WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET! FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and NICA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing page is required for the design of the truss. The design of the truss is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page: ITN-BCG: www.itwbcg.com; TPI: www.tpinet.org; NICA: www.sbcindustry.com; ICC: www.iccsafe.org	TC LL	20.0	PSF	REF	R215--	82109
	TC DL	10.0	PSF	DATE	03/31/11	
	BC DL	10.0	PSF	DRW	HCUSR215	11090074
	BC LL	0.0	PSF	HC-ENG	KD/DF	*
	TOT.LD.	40.0	PSF	SEQN-	276520	
	DUR.FAC.	1.25		FROM	CDM	
	SPACING	24.0"		JREF-	1UAP215_Z03	

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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

Truss spaced at 24.0" OC designed to support 2-0-0 top chord outlookers.
Cladding load shall not exceed 0.00 PSF. Top chord must not be cut or notched.

Wind reactions based on MWFRS pressures.

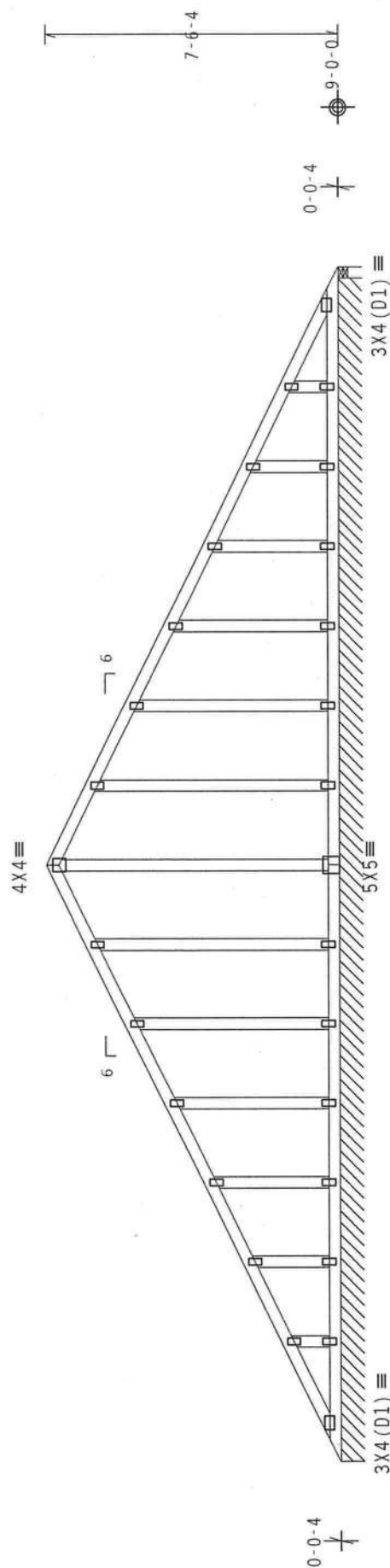
See DWGS A11015050109 & GBULLETIN0109 for more requirements.

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

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

The overall height of this truss excluding overhang is 7-6-4.

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



R-126 PLF U=42 PLF W=29-8-8
RL-15/-15 PLF

30-0-0 Over 2 Supports

R=14 I=7 W=3 5"

Note: All Plates Are 2X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave

FL/-/5/-/-/R/-/-

Scale = .25"/Ft.

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Review and follow the latest edition of BCSP (Building Component Safety Information, by IPI and NICA) for all applicable details. Trusses shall provide adequate bracing to maintain stability and bottom chord integrity. Trusses shall have properly attached rigid ceiling. Locations shown for permanent lateral restraint bracing shall have bracing installed per BCSP sections B1, B2 or B10, as applicable.

ALPINE

NTW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278



TC LL	20.0 PSF	REF R215-- 82110
TC DL	10.0 PSF	DATE 03/31/11
BC DL	10.0 PSF	DRW HCUSR215 11090075
BC LL	0.0 PSF	HC-ENG KD/DF
TOT.LD.	40.0 PSF	SEQN- 276524
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1UAP215_Z03

(6975-/DONNIE DAVIS/HARRIS RES. /HIGH SPRINGS CONST. -- COLUMBIA COUNTY, FL - A12)

Top chord 2x4 SP #2 N :T3 2x4 SP SS:

Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

Roof overhang supports 2.00 psf soffit load.

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 0.00 PSF. Top chord must not be cut or notched.

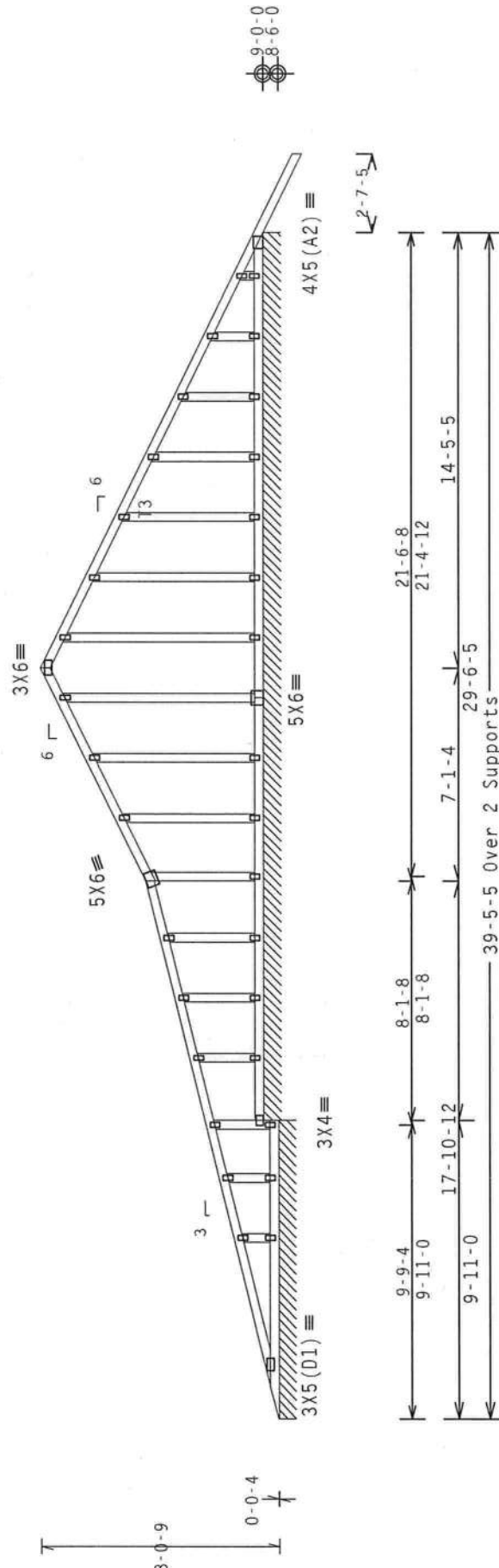
See DWGS A11015050109 & GBLLETIN0109 for more requirements.

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

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

The overall height of this truss excluding overhang is 8-0-9.

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



R-99 PLF U=33 PLF W=9-11-0
R=146 PLF U=51 PLF W=29-6-5
RL=55/-40 PLF

Note: All Plates Are 2X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002 (STD)

FT/RT=20% (0%)/10 (0)

PLT TYP. Wave

Scale = .1875"/Ft.

REF R215-- 82111

DATE 03/31/11

DRW HCUSR215 11090076

HC-ENG KD/DF

SEQN- 276490

FROM CDM

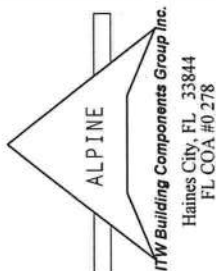
JREF- 1UAP215_Z03



WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and NICA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per NICA. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.

I/W Building Components Group Inc. (I/WBCG) shall not be responsible for any deviation from this design or any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installing, bracing or trussing. All plates shall be properly attached and installed. Refer to drawings 180A-2 for standard plate positions. A drawing or cover page listing this design shown. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: I/W-BCG: www.itwbcg.com; TPI: www.tpi1st.org; NICA: www.sbcindustry.com; ICC: www.iccsafe.org



	Top	Bot	SP #2	N
chord	2x4	2x4	SP #2	N
chord	2x4	2x4	SP #2	N
webs	2x4	2x4	SP #2	N

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

Roof overhang supports 2.00 psf soffit load.

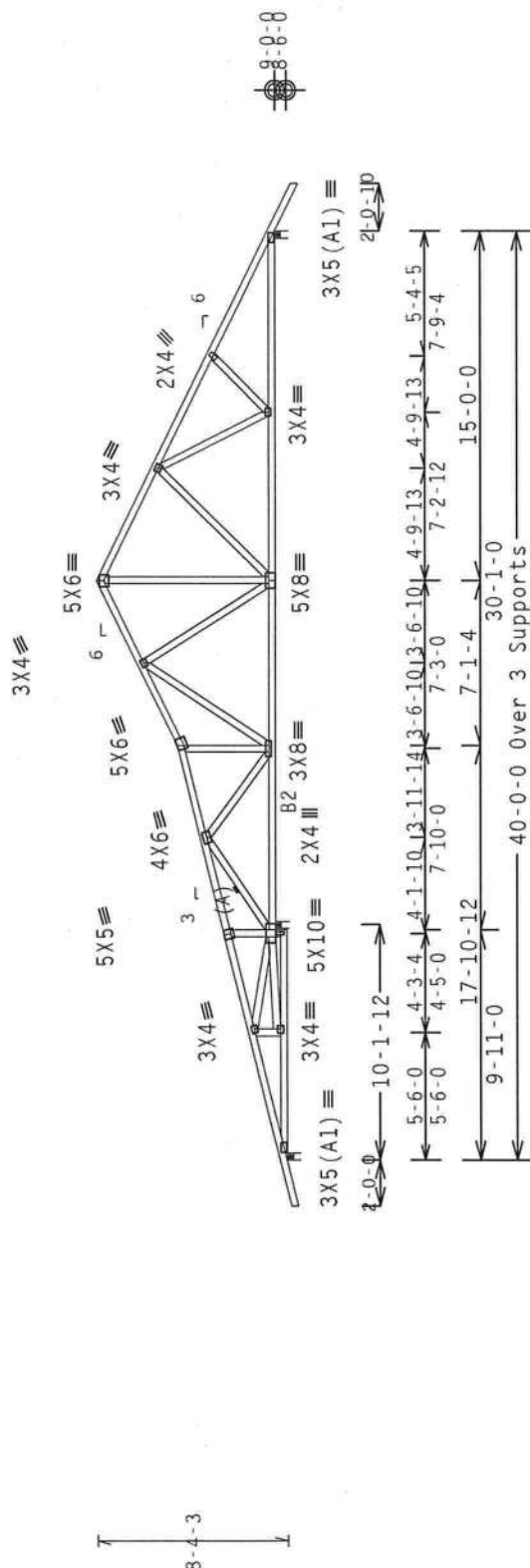
Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

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

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



R-365 U-148 W-3.5"

R=1876 U=483 W=3.5"
RL=278/-209

1307 U-346 W-3.5"

CLASSIFIED

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

Scale = .125"/Ft.



ALPINE
nw Building Components Group Inc.
 Haines City, FL 33884
 FL COA #0 3784

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

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

****IMPORTANT****

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSP (Building Component Safety) Information, Part I and II and all applicable codes. Trusses shall be installed in accordance with the design shown. The user of this design assumes full responsibility for the design shown. Indicates acceptance of professional engineering responsibility solely for the design shown. This job's structural steel erection was performed by the following contractor: **FLORIAN STEEL ERECTION INC.** This job's general notes page: **LTH-BG0**; www.ltbwg.com; TEL: www.ltbwg.org; FAX: **www.sbcindustrial.com**; ICC: **www.icsafe.org**

No. 66648		★	
STATE OF FLORIDA		★	
PROFESSIONAL ENGINEER			
TC LL	20.0 PSF	REF	R215-- 82112
TC DL	10.0 PSF	DATE	03/31/11
BC DL	10.0 PSF	DRW	HCURS215 110900077
BC LL	0.0 PSF	HC-ENG	KD/DF
TOT.LD.	40.0 PSF	SEQN-	276503
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1UAP215_203

(6975--/DOWNIE DAVIS/HARRIS RES. /HIGH SPRINGS CONST. -- COLUMBIA COUNTY , FL - A10)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP C, 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 reactions based on MWFRS pressures.

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

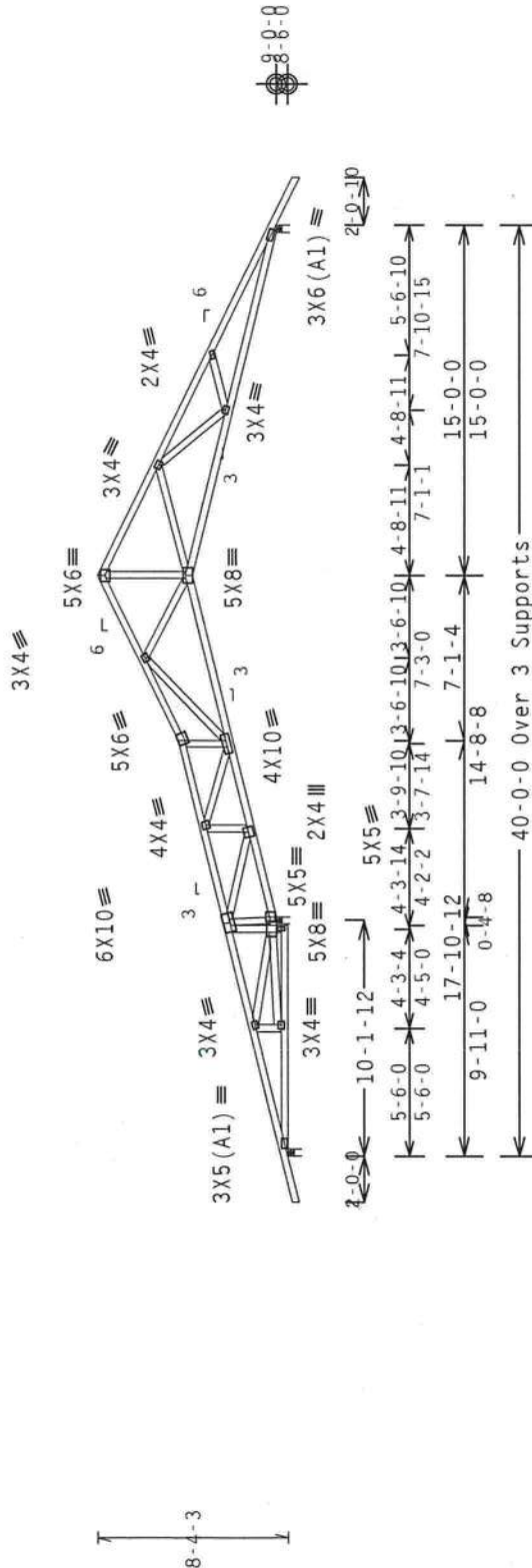
Bottom chord checked for 10.00 psf non-concurrent live load.

Shim all supports to solid bearing.

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

The overall height of this truss excluding overhang is 8-4-3.

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



R-68 U=160 W=3.5" R-2230 U=167 W=3.5"
RL=278/-209

Design Crit: FBC2007Res/TPI-2002(STD)

Scale = .125"/Ft.

FL/-5/-/-R/-

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.L.D. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

REF R215-- 82113

DATE 03/31/11

DRW HCUSR215 11090078

HC-ENG KD/DF

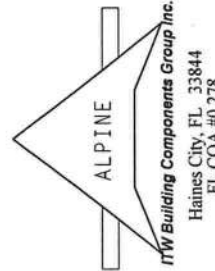
SEQN- 276501

FROM CDM

JREF- 1UAP215_Z03



IMPORTANT: READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI Building Component Safety Information, by IPI and NICA for best practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Jointed Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the bottom chord of the truss shall be provided. The seal shall be provided by the manufacturer. The responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: ITW-BCG: www.itwbcg.com; IPI: www.tpinst.org; NICA: www.sbcindustry.org; ICC: www.iccsafe.org



ASCE 7-05: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C, Kzt = 1.00

ASCE 7-05: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C, Kzt = 1.00

MAX GABLE VERTICAL LENGTH		2X4 VERTICAL SPACING		BRACE GRADE		NO BRACES		(1) 1X4 "L" BRACE •		(2) 2X4 "L" BRACE •		(1) 2X6 "L" BRACE •		(2) 2X6 "L" BRACE •	
								GROUP A		GROUP B		GROUP A		GROUP B	
12" O.C.	SPF	#1 / #2	3' 10"	#1	6' 8"	6' 10"	7' 11"	8' 1"	9' 5"	9' 8"	12' 5"	12' 9"	14' 0"	14' 0"	14' 0"
			3' 9"												
			3' 8"												
		STUD	3' 9"	#2	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 3"	12' 3"	14' 0"	14' 0"	14' 0"
			3' 9"												
			3' 8"												
	DFL	#1	4' 3"	#2	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"	14' 0"
			4' 2"												
			4' 0"												
		STUD	4' 0"	#3	6' 2"	6' 2"	7' 11"	8' 1"	9' 5"	9' 11"	12' 5"	12' 8"	14' 0"	14' 0"	14' 0"
			4' 0"												
			3' 10"												
16" O.C.	SPF	#1 / #2	4' 5"	#1	7' 8"	7' 10"	9' 1"	9' 4"	10' 10"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
			4' 4"												
			4' 4"												
		STUD	4' 4"	#2	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
			4' 4"												
			4' 4"												
	DFL	#1	4' 4"	#2	6' 4"	6' 4"	8' 4"	8' 4"	10' 10"	10' 10"	12' 11"	12' 11"	14' 0"	14' 0"	14' 0"
			4' 4"												
			4' 4"												
		STUD	4' 4"	#3	8' 3"	8' 3"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
			4' 4"												
			4' 4"												
12" O.C.	SPF	#1 / #2	4' 9"	#1	7' 8"	7' 10"	9' 1"	9' 1"	10' 10"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
			4' 9"												
			4' 9"												
		STUD	4' 9"	#2	7' 3"	7' 3"	9' 7"	9' 7"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
			4' 9"												
			4' 9"												
	DFL	#1	5' 4"	#2	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
			5' 4"												
			5' 4"												
		STUD	5' 3"	#3	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
			5' 3"												
			5' 0"												

BRACING GROUP SPECIES AND GRADES:

GROUP A:

SPRUCE-PINE-FIR	HEM-FIR
#1 / #2 STANDARD	#2 STUD
#3 STUD	STANDARD

DOUGLAS FIR-LARCH

#3 STUD	STANDARD
---------	----------

SOUTHERN PINE

#3 STUD	STANDARD
---------	----------

GROUP B:

HEM-FIR	DOUGLAS FIR-LARCH
#1 & BTR	#1
#1	#2

SOUTHERN PINE

#1	#2
----	----

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

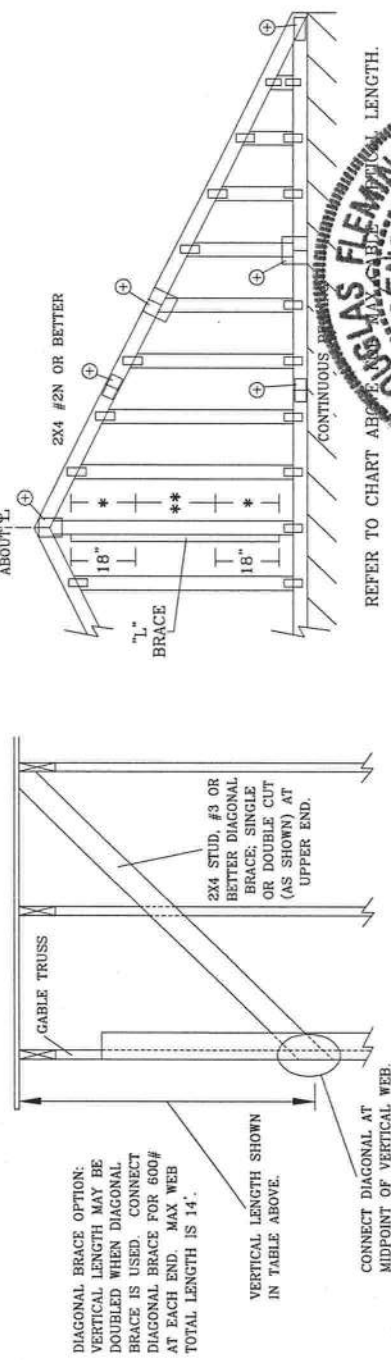
CABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.

* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.

** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

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



GABLE VERTICAL PLATE SIZES

VERTICAL LENGTH	NO SPICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2.5X4
GREATER THAN 11' 6"	3X4

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

WARNING: READ AND FOLLOW ALL NOTES ON THIS SHEET. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow BCS (Building Component Safety Information, by TPI and WCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCS. Unless noted otherwise, all bracing shall have properly attached structural plates and bottom chord shall have a properly attached BCS section B3 & B7. See this job's general notes page for more information.

IMPORTANT: FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the bracing of trusses. ITWBCG connector plates are made of 2018/76CA (V1/S/K) ASTM A663 grade 37 steel (A/N/A/S) galv steel. Apply plates to each face of truss, positioned as shown above and on bottom chord. ITWBCG shall not be responsible for the truss component design shown. The suitability and use of this component for any building responsibility of the Building Designer per ANST/TP1 Sec. 2.

ITW-BGC: www.itwbcg.com; TPI: www.tpi.com; WCA: www.abindustry.com; ICC: www.iccsafe.org

REF ASCE7-05-GAB1015

DATE 1/1/09

DRWG A11015050109

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

DOUGLAS FLEMING

FLORIDA PROFESSIONAL ENGINEER

No. 66648

STATE OF FLORIDA

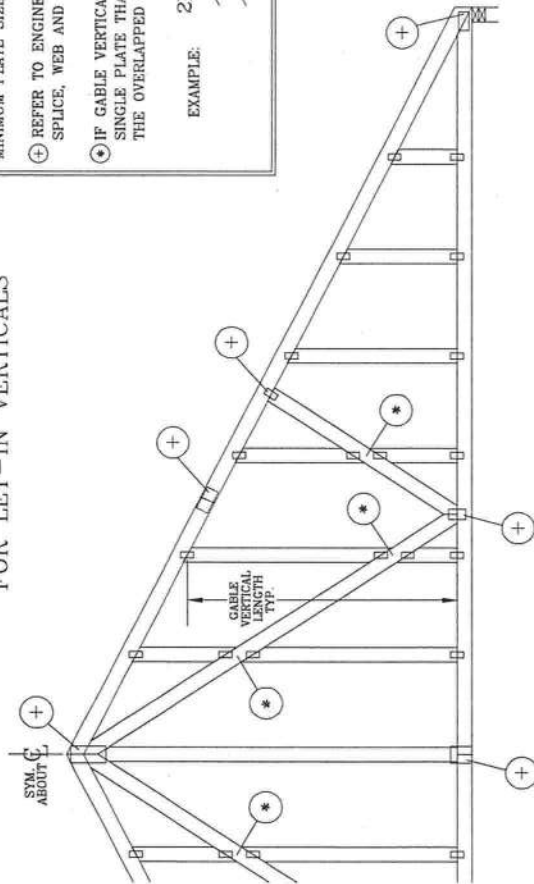
05/31/2011

TW

Building Components Group Inc.

Earth City, MO 63045

GABLE DETAIL FOR LET-IN VERTICALS

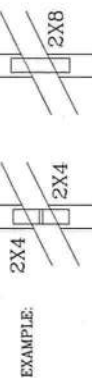


GABLE TRUSS PLATE SIZES

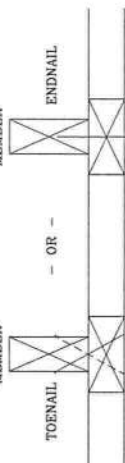
REFER TO APPROPRIATE ITW GABLE DETAIL FOR MINIMUM PLATE SIZES FOR VERTICAL STUDS.

⊕ REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.

⊙ IF GABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE THAT COVERS THE TOTAL AREA OF THE OVERLAPPED PLATES TO SPAN THE WEB.



"T" REINFORCEMENT ATTACHMENT DETAIL
"T" REINFORCING MEMBER



TO CONVERT FROM "L" TO "T" 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 AND MRH	"T" REINF. MBR. SIZE	"T" INCREASE
140 MPH	2x4	10 %
15 FT	2x6	50 %
140 MPH	2x4	10 %
30 FT	2x6	50 %
130 MPH	2x4	10 %
15 FT	2x6	50 %
130 MPH	2x4	10 %
30 FT	2x6	50 %
120 MPH	2x4	10 %
15 FT	2x6	50 %
120 MPH	2x4	10 %
30 FT	2x6	50 %
110 MPH	2x4	10 %
15 FT	2x6	40 %
110 MPH	2x4	10 %
30 FT	2x6	50 %
100 MPH	2x4	20 %
15 FT	2x6	30 %
100 MPH	2x4	10 %
30 FT	2x6	40 %
90 MPH	2x4	20 %
15 FT	2x6	20 %
90 MPH	2x4	20 %
30 FT	2x6	30 %

EXAMPLE:

ASCE WIND SPEED = 100 MPH
MEAN ROOF HEIGHT = 30 FT, $K_{zt} = 1.00$
GABLE VERTICAL = 24" O.C. SP #3
"T" REINFORCING MEMBER SIZE = 2X4
"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10
(1) 2X4 "L" BRACE LENGTH = 6' 7"
MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH
1.10 x 6' 7" = 7' 3"

PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH

END DRIVEN NAILS:

10d COMMON (0.148"x3".MIN) NAILS AT 4" O.C. PLUS
(4) NAILS IN TOP AND BOTTOM CHORD.

TOENAILED NAILS:

10d COMMON (0.148"x3".MIN) TOENAILS AT 4" O.C. PLUS
(4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ITW GABLE DETAIL FOR ASCE WIND LOAD.

ASCE 7-98 GABLE DETAIL DRAWINGS

A13015980109, A12015980109, A11015980109, A10015980109,
A13030980109, A12030980109, A11030980109, A10030980109

ASCE 7-02 GABLE DETAIL DRAWINGS

A13015020109, A12015020109, A11015020109, A10015020109,
A13030020109, A12030020109, A11030020109, A10030020109

ASCE 7-05 GABLE DETAIL DRAWINGS

A13015050109, A12015050109, A11015050109, A10015050109,
A13030050109, A12030050109, A11030050109, A10030050109

SEE APPROPRIATE ITW GABLE DETAIL FOR MAXIMUM UNREINFORCED GABLE VERTICAL LENGTH.

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow ITW Building Components Group Inc. (ITWBCG) Building Component Safety Information, by TPI and WCA for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, all bracing shall have properly attached structural panels and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3 & B7. See this job's general notes page for more information.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design, any failure to build the truss in conformance with TPI, or fabricating, handling, shipping, installing, or bracing of trusses. ITWBCG connector plates are made of 20/16/16GA (W/H/S/K) ASTM A653 grade 50 (K/W/H/S) galv. steel. Apply plates to each face of truss, positioned as shown above and on joint edges. Do not weld on this drawing or cover page. Installation and professional engineering responsibility shall remain with the Building Designer per ANSI/TPI 1 Sec. 2.

ITW - BCG: www.itwbcg.com; TPI: www.tpinet.com; WCA: www.abcsindustry.com; ICC: www.iccsafe.org

TW
Building Components Group Inc.

Earth City, MO 63045

REF LET-IN VERT

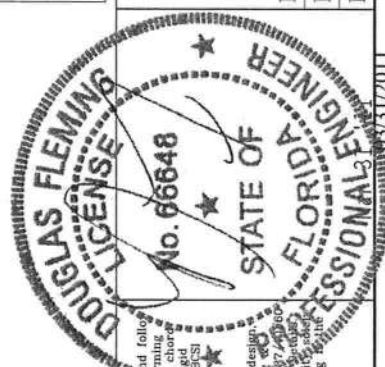
DATE 1/1/09

DRWG GBLLETTIN0109

MAX TOT. LD. 60 PSF

DUR. FAC. ANY

MAX SPACING 24.0"



03/17/2011

CLB WEB BRACE SUBSTITUTION

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

NOTES:

THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.
ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

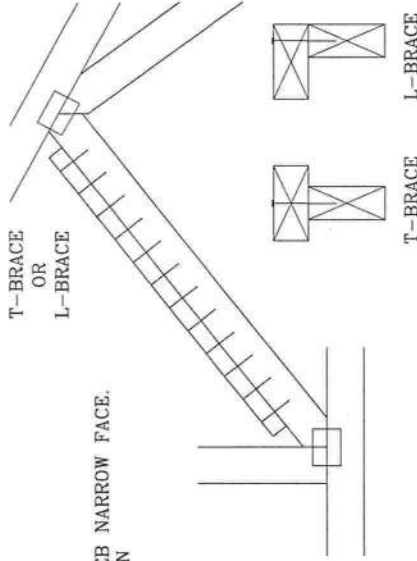
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

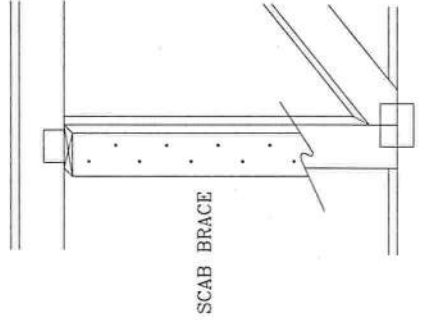
T-BRACING
OR
L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE.
ATTACH WITH 10d BOX OR GUN
(0.128"x 3", MIN) NAILS.
AT 6" O.C.
BRACE IS A
MINIMUM 80% OF WEB
MEMBER LENGTH



SCAB BRACING:

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



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow BCSI (Building Component Safety Information, by TPI and WCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chords shall have properly attached structural panels and bottom chords shall have a properly attached BCSI ceiling. See the manufacturer's literature for proper bracing methods. See this job's general notes page for more information.

****IMPORTANT**** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design. any failure to build the truss in conformance with TPI, or fabricating, handling, shipping, installing or bracing of trusses. ITWBCG connector plates are made of 2016/1624 (N/S/K) ASTM A653 grade 50/58 (K/W/H/S) galv. steel. Apply plates to each face of truss, positioned as shown above and on joint. ITWBCG shall not be responsible for the truss component design shown. The suitability and use of this component for any building responsibility of the Building Designer per ANST/TPI 1 Sec. 2.
ITW-BCC: www.itwbcc.com; TPI: www.tpinet.com; WCA: www.abcdindustry.com; ICC: www.iccsafe.org



Building Components Group Inc.

Earth City, MO 63045



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



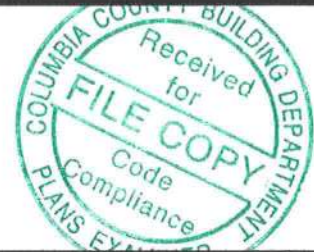
Project Summary
Entire House
Energy Design Systems, Inc.

Job:
Date: 4/18/11
By: M. Ellis

Project Information

For: Tim & Pam Harris Residence
Columbia County, FL

Notes: Front door faces East.



Design Information

Weather: Jacksonville, Int'l AP, FL, US

Winter Design Conditions

Outside db	32 °F
Inside db	72 °F
Design TD	40 °F

Summer Design Conditions

Outside db	93 °F
Inside db	72 °F
Design TD	21 °F
Daily range	M
Relative humidity	50 %
Moisture difference	58 gr/lb

Heating Summary

Structure	32235 Btuh
Ducts	0 Btuh
Central vent (42 cfm)	1839 Btuh
Humidification	0 Btuh
Piping	0 Btuh
Equipment load	34074 Btuh

Sensible Cooling Equipment Load Sizing

Structure	30139 Btuh
Ducts	0 Btuh
Central vent (42 cfm)	947 Btuh
Blower	0 Btuh
Use manufacturer's data	n
Rate/swing multiplier	0.98
Equipment sensible load	30340 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft ²)	1860	1860
Volume (ft ³)	16740	16740
Air changes/hour	0.38	0.20
Equip. AVF (cfm)	106	56

Latent Cooling Equipment Load Sizing

Structure	2788 Btuh
Ducts	0 Btuh
Central vent (42 cfm)	1641 Btuh
Equipment latent load	4429 Btuh
Equipment total load	34769 Btuh
Req. total capacity at 0.85 SHR	3.0 ton

Heating Equipment Summary

Make	
Trade	
Model	
Efficiency	0 HSPF
Heating input	
Heating output	0 Btuh @ 47°F
Temperature rise	0 °F
Actual air flow	1613 cfm
Air flow factor	0.050 cfm/Btuh
Static pressure	0.00 in H2O
Space thermostat	

Cooling Equipment Summary

Make	
Trade	
Cond	
Coil	
Efficiency	0 EER
Sensible cooling	0 Btuh
Latent cooling	0 Btuh
Total cooling	0 Btuh
Actual air flow	1613 cfm
Air flow factor	0.054 cfm/Btuh
Static pressure	0.00 in H2O
Load sensible heat ratio	0.88

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



wrightsoft

Right-Suite Residential 6.0.119 RSR29784

E:\EDS\Current\Residential Manual J\Tim and Pam Harris Residence, Lake City, FL.rpt Calc = MJ8

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Page 1

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 84

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

, , FL,

1. New construction or existing	New (From Plans)		9. Wall Types	Insulation	Area
2. Single family or multiple family	Single-family		a. Frame - Wood, Exterior	R=13.0	1656.00 ft ²
3. Number of units, if multiple family	1		b. N/A	R=	ft ²
4. Number of Bedrooms	3		c. N/A	R=	ft ²
5. Is this a worst case?	No		d. N/A	R=	ft ²
6. Conditioned floor area (ft ²)	1860		10. Ceiling Types	Insulation	Area
7. Windows**	Description	Area	a. Under Attic (Unvented)	R=1.0	2083.00 ft ²
a. U-Factor:	Dbl, U=0.50	252.45 ft ²	b. N/A	R=	ft ²
SHGC:	SHGC=0.50		c. N/A	R=	ft ²
b. U-Factor:	N/A	ft ²	11. Ducts		
SHGC:			a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 241.8 ft ²		
c. U-Factor:	N/A	ft ²	12. Cooling systems		
SHGC:			a. Central Unit	Cap: 36.0 kBtu/hr	SEER: 13
d. U-Factor:	N/A	ft ²	13. Heating systems		
SHGC:			a. Electric Heat Pump	Cap: 36.0 kBtu/hr	HSPF: 7.7
e. U-Factor:	N/A	ft ²	14. Hot water systems		
SHGC:			a. Propane	Cap: 3 gallons	EF: 0.75
8. Floor Types	Insulation	Area	b. Conservation features		
a. Slab-On-Grade Edge Insulation	R=0.0	1860.00 ft ²	None		
b. N/A	R=	ft ²	15. Credits		None
c. N/A	R=	ft ²			

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

Builder Signature: _____ Date: _____

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



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

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

EnergyGauge® USA - FlaRes2008



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS:

, FL,

PERMIT #:

INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

SOLAR HOT WATER SYSTEM

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

DUCTS

✓	#	Location	--- Supply --- R-Value	Area	--- Return --- Location	Area	Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
_____	1	Attic	6	241.8 ft²	Attic	93 ft²	Default Leakage	Interior	(Default) c	(Default) %		

TEMPERATURES

Programable Thermostat: None				Ceiling Fans:									
Cooling	☒ Jan	☒ Feb	☒ Mar	☒ Apr	☒ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☒ Oct	☒ Nov	☒ Dec	
Heating	☒ Jan	☒ Feb	☒ Mar	☒ Apr	☒ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☒ Oct	☒ Nov	☒ Dec	
Venting	☒ Jan	☒ Feb	☒ Mar	☒ Apr	☒ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☒ Oct	☒ Nov	☒ Dec	
Thermostat Schedule: HERS 2006 Reference				Hours									
Schedule Type		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	68	68	68	68	68	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68
Heating (WEH)	AM	68	68	68	68	68	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68

DOORS

✓	#	Ornt	Door Type	Storms	U-Value	Area
_____	1	E	Wood	None	0.460000	20.09999
_____	2	W	Wood	None	0.460000	20.09999
_____	3	W	Wood	None	0.460000	10.04999

WINDOWS

Orientation shown is the entered, asBuilt orientation.

✓	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang		Int Shade	Screening
										Depth	Separation		
_____	1	E	Metal	Low-E Double	Yes	0.5	0.5	N	24 ft²	2 ft 0 in	2 ft 0 in	HERS 2006	None
_____	2	E	Metal	Low-E Double	Yes	0.5	0.5	N	36 ft²	8 ft 0 in	2 ft 0 in	HERS 2006	None
_____	3	E	Metal	Low-E Double	Yes	0.5	0.5	N	4.5 ft²	8 ft 0 in	2 ft 0 in	HERS 2006	None
_____	4	E	Metal	Low-E Double	Yes	0.5	0.5	N	24 ft²	2 ft 0 in	2 ft 0 in	HERS 2006	None
_____	5	N	Metal	Low-E Double	Yes	0.5	0.5	N	36 ft²	2 ft 0 in	7 ft 0 in	HERS 2006	None
_____	6	W	Metal	Low-E Double	Yes	0.5	0.5	N	24 ft²	24 ft 0 in	2 ft 0 in	HERS 2006	None
_____	7	W	Metal	Low-E Double	Yes	0.5	0.5	N	4.5 ft²	24 ft 0 in	2 ft 0 in	HERS 2006	None
_____	8	W	Metal	Low-E Double	Yes	0.5	0.5	N	36 ft²	10 ft 0 in	2 ft 0 in	HERS 2006	None
_____	9	W	Metal	Low-E Double	Yes	0.5	0.5	N	10.04999	10 ft 0 in	2 ft 0 in	HERS 2006	None
_____	10	W	Metal	Low-E Double	Yes	0.5	0.5	N	4.5 ft²	10 ft 0 in	2 ft 0 in	HERS 2006	None
_____	11	W	Metal	Low-E Double	Yes	0.5	0.5	N	12.90000	10 ft 0 in	2 ft 0 in	HERS 2006	None
_____	12	W	Metal	Low-E Double	Yes	0.5	0.5	N	6 ft²	10 ft 0 in	2 ft 0 in	HERS 2006	None
_____	13	S	Metal	Low-E Double	Yes	0.5	0.5	N	6 ft²	2 ft 0 in	4 ft 0 in	HERS 2006	None
_____	14	S	Metal	Low-E Double	Yes	0.5	0.5	N	24 ft²	2 ft 0 in	6 ft 0 in	HERS 2006	None

INFILTRATION & VENTING

✓	Method	SLA	CFM 50	ACH 50	ELA	EqLA	--- Forced Ventilation ---		Run Time	Fan
							Supply CFM	Exhaust CFM	Fraction	Watts
_____	Default	0.00036	1756	6.30	96.4	181.3	0 cfm	0 cfm	0	0

COOLING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ducts
_____	1	Central Unit	None	SEER: 13	36 kBtu/hr	1080 cfm	0.75	sys#1

HEATING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Ducts
_____	1	Electric Heat Pump	None	HSPF: 7.7	36 kBtu/hr	sys#1

HOT WATER SYSTEM

✓	#	System Type	EF	Cap	Use	SetPnt	Conservation
_____	1	Propane	0.75	3 gal	60 gal	120 deg	None

PROJECT

Title: Tim & Pam Harris Residence	Bedrooms: 3	Address Type: Street Address
Building Type: FLAsBuilt	Conditioned Area: 1860	Lot #
Owner:	Total Stories: 1	Block/SubDivision:
# of Units: 1	Worst Case: No	PlatBook:
Builder Name:	Rotate Angle: 0	Street:
Permit Office: Columbia	Cross Ventilation:	County: Columbia
Jurisdiction: 221000	Whole House Fan:	City, State, Zip: , FL ,
Family Type: Single-family		
New/Existing: New (From Plans)		
Comment:		

CLIMATE

✓	Design Location	TMY Site	IECC Zone	Design Temp		Int Design Temp		Heating Degree Days	Design Moisture	Daily Temp Range
				97.5 %	2.5 %	Winter	Summer			
✓	FL, Jacksonville	FL_JACKSONVILLE_INT	2	32	93	75	70	1281	49	Medium

FLOORS

✓	#	Floor Type	Perimeter	R-Value	Area	Tile	Wood	Carpet
✓	1	Slab-On-Grade Edge Insulation	184 ft	0	1860 ft²	0	0	1

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
✓	1	Hip	Metal	2080 ft²	0 ft²	Medium	0.96	No	19	26.6 deg

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
✓	1	Full attic	Unvented	0	1860 ft²	N	N

CEILING

✓	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
✓	1	Under Attic (Unvented)	1	2083 ft²	0.11	Wood

WALLS

✓	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
✓	1	E	Exterior	Frame - Wood	13	558 ft²		0.23	0.75
✓	2	N	Exterior	Frame - Wood	13	270 ft²		0.23	0.75
✓	3	W	Exterior	Frame - Wood	13	558 ft²		0.23	0.75
✓	4	S	Exterior	Frame - Wood	13	270 ft²		0.23	0.75

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION**Florida Department of Community Affairs Residential Performance Method A**

Project Name: Tim & Pam Harris Residence Street: City, State, Zip: , FL , Owner: Design Location: FL, Jacksonville		Builder Name: Permit Office: Columbia Permit Number: Jurisdiction: 221000	
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1. New construction or existing New (From Plans) 2. Single family or multiple family Single-family 3. Number of units, if multiple family 1 4. Number of Bedrooms 3 5. Is this a worst case? No 6. Conditioned floor area (ft ²) 1860 7. Windows (252.4 sqft.) Description Area a. U-Factor: Dbl, U=0.50 252.45 ft ² SHGC: SHGC=0.50 b. U-Factor: N/A ft ² SHGC: c. U-Factor: N/A ft ² SHGC: d. U-Factor: N/A ft ² SHGC: e. U-Factor: N/A ft ² SHGC: 8. Floor Types (1860.0 sqft.) Insulation Area a. Slab-On-Grade Edge Insulation R=0.0 1860.00 ft ² b. N/A R= ft ² c. N/A R= ft ²	9. Wall Types (1656.0 sqft.) Insulation Area a. Frame - Wood, Exterior R=13.0 1656.00 ft ² b. N/A R= ft ² c. N/A R= ft ² d. N/A R= ft ² 10. Ceiling Types (2083.0 sqft.) Insulation Area a. Under Attic (Unvented) R=1.0 2083.00 ft ² b. N/A R= ft ² c. N/A R= ft ² 11. Ducts a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 241.8 ft ² 12. Cooling systems a. Central Unit Cap: 36.0 kBtu/hr SEER: 13 13. Heating systems a. Electric Heat Pump Cap: 36.0 kBtu/hr HSPF: 7.7 14. Hot water systems a. Propane Cap: 3 gallons EF: 0.75 b. Conservation features None 15. Credits None
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Glass/Floor Area: 0.136	Total As-Built Modified Loads: 33.72	PASS
	Total Baseline Loads: 40.26	

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. Ryan B. Ellis PREPARED BY: _____ DATE: 4/18/11	Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes. BUILDING OFFICIAL: _____ DATE: _____
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