

DATE 05/11/2009

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT

000027800

APPLICANT RALPH RODRIGUEZ PHONE 386.754.2537
ADDRESS 135 NW HERITAGE DRIVE LAKE CITY FL 32055
OWNER RALPH & DONNA RODRIGUEZ PHONE 386.754.2537
ADDRESS 135 NW HERITAGE DRIVE LAKE CITY FL 32055
CONTRACTOR RALPH & DONNA RODRIGUEZ PHONE 386.754.2537

LOCATION OF PROPERTY 90-W TO BROWN,TR TO WINDING WAY,TL TO EMERALD LAKE DR,TR
AND IT'S THE 2ND DRIVEWAY ON R.

TYPE DEVELOPMENT ADDITION TO SFD ESTIMATED COST OF CONSTRUCTION 28300.00
HEATED FLOOR AREA 566.00 TOTAL AREA 566.00 HEIGHT 16.00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC
LAND USE & ZONING RSF-2 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 28-3S-16-02372-519 SUBDIVISION ARBOR GREENE AT EMERALD LAKES
LOT 19 BLOCK PHASE UNIT TOTAL ACRES 0.50

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING 09-0240-E BLK WR N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE.

Check # or Cash CASH REC'D

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by
Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by
Framing date/app. by 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 date/app. by Peri. beam (Lintel) date/app. by Pool date/app. by
Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by
Pump pole date/app. by Utility Pole date/app. by M/H tie downs, blocking, electricity and plumbing date/app. by
Reconnection date/app. by RV date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ 145.00 CERTIFICATION FEE \$ 2.83 SURCHARGE FEE \$ 2.83
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 225.66
INSPECTORS OFFICE CLERKS OFFICE

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

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

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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

PERMIT# _____

NOTICE OF COMMENCEMENT

STATE OF: FLORIDA COUNTY OF: COLUMBIA CITY OF: LAKE CITY

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.

Property ID# 28-35-16 -02372-519

DESCRIPTION OF PROPERTY

SECTION: _____ TOWNSHIP: _____ RANGE: _____ TAX PARCEL #: 02372-519
LOT: 19 BLOCK: _____ SUBDIVISION: Arbor Greene at Emerald Lakes
PLATBOOK #: 17 MAP PAGE #: 82, 83
STREET ADDRESS: 135 NW Heritage Dr, Lake City FL 32055

GENERAL DESCRIPTION OF IMPROVEMENT

TO CONSTRUCT ADDITION

OWNER INFORMATION

NAME: RALPH RODRIGUEZ PHONE NUMBER: 386-754-2537
ADDRESS: 135 HERTIAGE DR.
STATE: FLORIDA ZIP CODE: 32055
FEE SIMPLE TITLEHOLDER NAME (OTHER THAN OWNER): _____
FEE SIMPLE TITLEHOLDER ADDRESS: _____

CONTRACTOR NAME: RALPH RODRIGUEZ PHONE NUMBER: 386-754-2537
COMPANY NAME: _____ FAX NUMBER: _____
ADDRESS: 135 HERTIAGE DR CITY: Lake City
STATE: Florida ZIP CODE: 32055

BONDING COMPANY: N/A PHONE NUMBER: _____
ADDRESS: _____ FAX NUMBER: _____
CITY: _____ STATE: _____ ZIP CODE: _____

LENDER NAME: N/A PHONE NUMBER: _____
ADDRESS: _____ FAX NUMBER: _____
CITY: _____ STATE: _____ ZIP CODE: _____

Persons within the State of Florida designated by owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a), Florida Statute:

NAME: N/A ADDRESS: _____
CITY: _____ STATE: Florida ZIP CODE: _____

In addition to himself, the owner designates N/A of _____
To receive a copy of the Lienor's notice as provided in Section 713.13(1)(b) Florida Statutes.

Expiration date of Notice of Commencement (the expiration date is one (1) year from the date of recording unless a different date is specified): N/A

SIGNATURE OF OWNER: Ralph M. Rodriguez
Sworn to and subscribed before me this 6th day of May, 2009.

Known personally/I.D. Shown _____
Notary: Shannon M. Regar My commission expires: 11-30-2012



Columbia County Building Permit Application

For Office Use Only Application # 0905-09 Date Received 5/5 By JW Permit # 27800
 Zoning Official BLK Date 11 05.09 Flood Zone X Land Use RES. Low Den Zoning RSF-2
 FEMA Map # N/A Elevation N/A MFE N/A River N/A Plans Examiner WR Date 5/1/09

Comments _____
☒ NOC ☒ EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel # _____
☐ Dev Permit # _____ ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter
 IMPACT FEES: EMS _____ Fire _____ Corr _____ Road/Code _____
 School _____ = TOTAL 0

Septic Permit No. 09-0240 E Fax 386.755.0673

Name Authorized Person Signing Permit RALPH RODRIGUEZ Phone 754-2537

Address 135 HERITAGE DR. LAKE CITY, FLA 32055

Owners Name RALPH AND DONNA RODRIGUEZ Phone 754-2537

911 Address 135 HERITAGE DR. LAKE CITY, FLA 32055

Contractors Name N/A Phone _____

Address _____

Fee Simple Owner Name & Address RALPH AND DONNA RODRIGUEZ 135 HERITAGE DRIVE LAKE CITY, FLA 32055

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address GTC DESIGN GROUP 130 WEST HOWARD ST. LIVE OAK, FLA 32064

Mortgage Lenders Name & Address _____

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy
 Pay 22,000.00

Property ID Number 28-35-16-02372-519 Estimated Cost of Construction _____

Subdivision Name ARBOR GREENE AT EMERALD D. LAKES Lot 19 Block _____ Unit _____ Phase _____

Driving Directions Follow Hwy 90 West past I-75; Turn Rt. on Brown Road; Turn Left on Winding; Turn Rt. on Emerald Lakes Dr. (2nd Driveway on Rt.)

Number of Existing Dwellings on Property 1

Construction of ADDITION 19'-0" X 22'-0" 418 SF. Total Acreage .50 Lot Size _____

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height ADDITION-16'-0"

Actual Distance of Structure from Property Lines - Front 59.04 Side 15.76 Side 33'-0" Rear 66'-0"

Number of Stories 1 Heated Floor Area 566 Total Floor Area 566 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.

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 hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

Ralph A. Rodriguez
Owners Signature

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.

Ralph A. Rodriguez
Contractor's Signature (Permittee)

Contractor's License Number _____
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 6th day of May 2009.
Personally known X or Produced Identification _____

Shannon M. Regar
State of Florida Notary Signature (For the Contractor)

SEAL:





COLUMBIA COUNTY BUILDING DEPARTMENT

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

NOTARIZED DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THEIR OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$75,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved for yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

I understand that if I am not physically doing the work or physically supervising free labor from friends or relatives, that I must hire licensed contractors, i.e. electrician, plumber, mechanical (heating & air conditioning), etc. I further understand that the violation of not physically doing the work, and the use of unlicensed contractors at the construction site, will cause the project to be shut down by the inspection staff of the Columbia County Building Department. Additionally, state statutes allows for additional penalties. I also understand that if this violation does occur, that in order for the job to proceed, I will have a licensed contractor come in and obtain a new permit as taking the job over. I understand that if I hire subcontractors under a contract price, that they must be licensed to work in Columbia County, i.e. masonry, drywall, carpentry. Contractors licensed by the Columbia County Contractor Licensing Section or the State of Florida are required to have worker's compensation and liability coverage.

TYPE OF CONSTRUCTION

() Single Family Dwelling

() Two-Family Residence

() Farm Outbuilding

(X) Other ADDITION

(X) Addition, Alteration, Modification or other Improvement

I, Ralph A. Rodriguez, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number _____

Ralph A. Rodriguez
Owner Builder Signature

5/6/09
Date

FLORIDA NOTARY

The above signer is personally known to me or produced identification

Notary Signature Shannon M. Regar Date 5-6-09



FOR BUILDING DEPARTMENT USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7). Date 5-5-09 Building Official/Representative [Signature]

3)
THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 06-475
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Property Appraiser's
Identification Number R

WARRANTY DEED

This Warranty Deed, made this 25th day of August, 2006, BETWEEN WENCESLAO R. MUNOZ and NELLY M. MUNOZ, Husband and Wife whose post office address is 135 NW Heritage Drive, Lake City, FL 32055, of the County of Columbia, State of Florida, grantor*, and RALPH A. RODRIGUEZ and DONNA S. RODRIGUEZ, Husband and Wife whose post office address is 135 NW Heritage Drive, Lake City, FL 32055, of the County of Columbia, State of Florida, grantee*.

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

Witnesseth: that said grantor, for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Lot 19, ARBOR GREENE AT EMERALD LAKES, a subdivision according to the plat thereof as recorded in Plat Book 7, Pages 82 and 83 of the 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 subject to taxes for the current year and later years and all valid easements and restrictions of record, if any, which are not hereby reimposed; and also subject to any claim, right, title or interest arising from any recorded instrument reserving, conveying, leasing, or otherwise alienating any interest in the oil, gas and other minerals. And grantor does warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, subject only to the exceptions set forth herein.


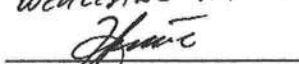
In Witness Whereof, grantor has hereunto set grantor's hand and seal the day and year first above written.

Inst:2006020351 Date:08/25/2006 Time:15:46
Doc Stamp-Deed : 1484.00
1.9 DC, P. Dewitt Cason, Columbia County B:1094 P:81

Signed, sealed and delivered
in our presence:


(Signature of First Witness)
Terry McDavid
(Typed Name of First Witness)



(Signature of Second Witness)
Crystal L. Brunner
(Typed Name of Second Witness)


(SEAL)
Grantor
WENCESLAO R. MUNOZ
Printed Name
Wenceslao Ramiro Munoz

(SEAL)
Grantor
NELLY M. MUNOZ
Printed Name
Nelly Munoz

STATE OF Florida
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 25th
day of August, 2006, by WENCESLAO R. MUNOZ and NELLY M. MUNOZ,
Husband and Wife who are personally known to me or who have
produced _____ as identification and who did not take an
oath.

My Commission Expires:


Notary Public
Printed, typed, or stamped name:



Inst:2006020351 Date:08/25/2006 Time:15:46
Doc Stamp-Deed : 1484.00
DC,P.Dewitt Cason,Columbia County B:1094 P:82

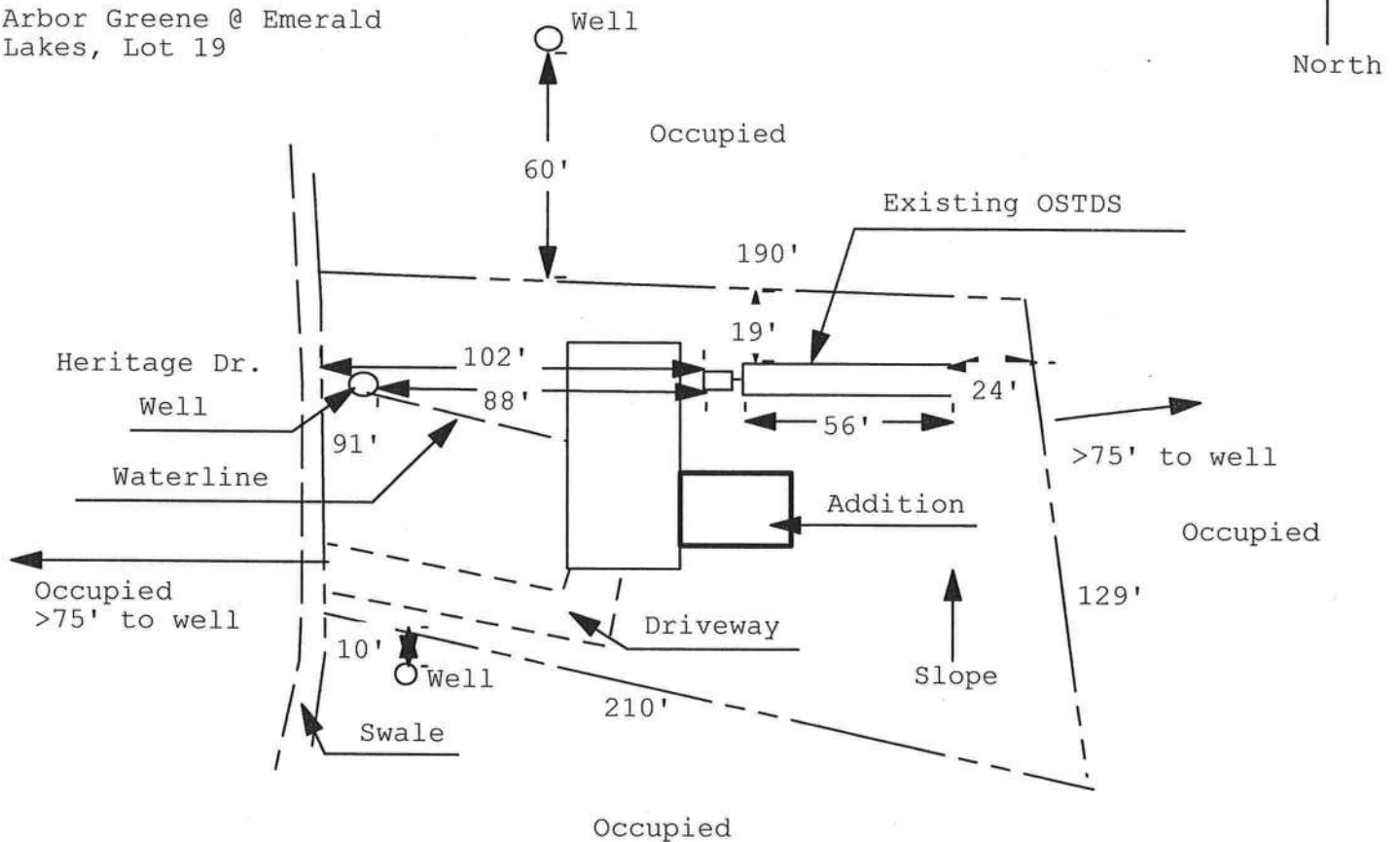
Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 09-0040 E

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

MUNOZ/CR 08-4615

Arbor Greene @ Emerald
Lakes, Lot 19



1 inch = 50 feet

Site Plan Submitted By Paul Lopez Date 4/16/09
Plan Approved ☒ Not Approved ☐ Date 4/27/09

By Mr. A. Zander Cdubie CPHU

Notes: _____

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

PERMIT #
DATE PAID
FEE PAID \$
RECEIPT #
CR #

09-0240E
919806
4/21/09
128.00
111281
08-4615

APPLICATION FOR:

☐ New System ☐ Existing System ☐ Holding Tank ☐ Temporary/Experimental System
☐ Repair ☐ Abandonment ☒ Other (Specify) EXISTING SYSTEM

APPLICANT: RALPH & DONNA RODRIGUEZTELEPHONE: 386-754-5678AGENT: DUPREE CONSTRUCTIONMAILING ADDRESS: P O BOX 2861CITY: LAKE CITYSTATE: FL ZIP: 32056

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. ATTACH BUILDING PLAN AND TO-SCALE SITE PLAN SHOWING PERTINENT FEATURES REQUIRED BY CHAPTER 10D-6, FLORIDA ADMINISTRATIVE CODE.

PROPERTY INFORMATION [IF LOT IS NOT IN A RECORDED SUBDIVISION, ATTACH LEGAL DESCRIPTION OR DEED]

LOT: 19 BLOCK: _____ SUBDIVISION: ARBOR GREEN @ EMERALD LAKES DATESUBD: _____

PROPERTY ID #: 28-3S-16-02372-519 [Section/Township/Range/Parcel] ZONING: _____

PROPERTY SIZE: 0.50 ACRES [Sqft/43560] PROPERTY WATER SUPPLY: ☒ PRIVATE ☐ PUBLIC

PROPERTY STREET ADDRESS: 135 NW HERITAGE DRIVE

DIRECTIONS TO PROPERTY: HIGHWAY 90 WEST, TR ON BROWN ROAD, TL ON WINDING WAY, TL ON EMERALD, TR ON HERITAGE DRIVE, FIRST ON RIGHT

BUILDING INFORMATION

☒ RESIDENTIAL☐ COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	# Persons Served	Business Activity For Commercial Only
1	HOUSE	3	1814	4	
2	ADDITION - 19X22		418	2.D.	
3			2232		
4					

☐ Garbage Grinders/Disposals☐ Ultra-low Volume Flush Toilets☐ Spas/Hot Tubs☐ Other (Specify) _____☐ Floor/Equipment DrainsAPPLICANT'S SIGNATURE: Ralph RodriguezDATE: 4/21/09

REVISED
4/22/09

Location:**Project Name:**

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

Category/Subcategory	Manufacturer	Product Description	Approval Number
A. EXTERIOR DOORS			FL 4242-R
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung			FL 5108
2. Horizontal Slider			FL 5451
3. Casement			
4. Double Hung			
5. Fixed			FL 5418
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
C. PANEL WALL			
1. Siding			FL 889-R
2. Soffits			FL 4899
3. EIFS		Vinyl Siding DS	FL 4905
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			FL 3820-R1
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles			FL 586-R2
2. Underlayments			FL 1814-R1
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys.			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives - Coatings			FL 1960-R1
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			FL 451-R1
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor			FL 474-R1
2. Truss plates			
3. Engineered lumber			FL 1008-R1
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

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

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

Ralph A. Rodriguez
Contractor or Contractor's Authorized Agent Signature

13544W Heritage Dr
Location

Ralph A. Rodriguez
Print Name

5/6/09
Date

Permit # (FOR STAFF USE ONLY)



COLUMBIA COUNTY BUILDING DEPARTMENT RESIDENTIAL CHECK LIST REQUIREMENTS

MINIMUM PLAN REQUIREMENTS FOR THE FLORIDA BUILDING CODE RESIDENTIAL 2007 ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

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

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

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

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

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

**Items to Include-
Each Box shall be
Circled as
Applicable**

		Yes	No	N/A
1	Two (2) complete sets of plans containing the following:	✓		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void	✓		
3	Condition space (Sq. Ft.) <i>ADDITION 418</i>			
	Total (Sq. Ft.) under roof			

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

Site Plan information including:

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

Wind-load Engineering Summary, calculations and any details required

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

Elevations Drawing including:

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

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	✓		
21	Raised floor surfaces located more than 30 inches above the floor or grade			✓
22	All exterior and interior shear walls indicated	✓		
23	Shear wall opening shown (Windows, Doors and Garage doors)	✓		
24	Emergency escape and rescue opening shown in each bedroom (net clear opening shown)			✓
25	Safety glazing of glass where needed	✓		
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FBCR)	✓		
27	Stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails (see FBCR SECTION 311)			✓
28	Identify accessibility of bathroom (see FBCR SECTION 322)			✓

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

GENERAL REQUIREMENTS:
APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

Items to Include-
Each Box shall be
Circled as
Applicable

FBCR 403: Foundation Plans

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	✓		
30	All posts and/or column footing including size and reinforcing			✓
31	Any special support required by soil analysis such as piling.			✓
32	Assumed load-bearing value of soil <u>1000 PSF</u> Pound Per Square Foot	✓		
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type)	✓		

FBCR 506: CONCRETE SLAB ON GRADE

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

FBCR 320: PROTECTION AGAINST TERMITES

36	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or submit other approved termite protection methods. Protection shall be provided by registered termiticides	✓		
----	--	---	--	--

FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

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

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

Floor Framing System: First and/or second story

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer	✓		
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or piers			✓
41	Girder type, size and spacing to load bearing walls, stem wall and/or piers			✓
42	Attachment of joist to girder			✓
43	Wind load requirements where applicable	✓		
44	Show required under-floor crawl space			✓
45	Show required amount of ventilation opening for under-floor spaces			✓
46	Show required covering of ventilation opening			✓
47	Show the required access opening to access to under-floor spaces			✓
	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges &			✓

48	intermediate of the areas structural panel sheathing			✓
49	Show Draftstopping, Fire caulking and Fire blocking			✓
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 309			✓
51	Provide live and dead load rating of floor framing systems (psf).			✓

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

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

FBCR :ROOF SYSTEMS:

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

FBCR 802:Conventional Roof Framing Layout

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

FBCR Table 602,3(2) & FBCR 803 ROOF SHEATHING

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

FBCR ROOF ASSEMBLIES FRC Chapter 9

71	Include all materials which will make up the roof assemblies covering	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
72	Submit Florida Product Approval numbers for each component of the roof assemblies covering	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter 11 Residential buildings compliance methods. *Two of the required forms are to be submitted, showing dimensions condition area equal to the total condition living space area*

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

HVAC information

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
78	Exhaust fans locations in bathrooms	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
79	Show clothes dryer route and total run of exhaust duct	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Plumbing Fixture layout shown

80	All fixtures waste water lines shall be shown on the foundation plan	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
81	Show the location of water heater	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Private Potable Water

82	Pump motor horse power	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
83	Reservoir pressure tank gallon capacity	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
84	Rating of cycle stop valve if used	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Electrical layout shown including

85	Switches, outlets receptacles, lighting and all required GFCI outlets identified	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
86	Ceiling fans	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
87	Smoke detectors & Carbon dioxide detectors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
88	Service panel, sub-panel, location(s) and total ampere ratings	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

90	Appliances and HVAC equipment and disconnects			✓
91	Arc Fault Circuits (AFCI) in bedrooms			✓

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

Notice Of Commencement

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

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

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	Building Permit Application A current Building Permit Application form is to be completed and submitted for all residential projects	✓		
93	Parcel Number The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested	✓		
94	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058	✓		
95	City of Lake City A permit showing an approved waste water sewer tap			✓
96	Toilet facilities shall be provided for all construction sites	✓		
97	Town of Fort White (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			✓
98	Flood Information: All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations			✓
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established			✓
100	A development permit will also be required. Development permit cost is \$50.00	✓		
101	Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.			✓
102	911 Address: If the project is located in an area where a 911 address has not been issued, then application for a 911 address must be applied for and received through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125	✓		

Supplier ensures you determine the product approval
about statewide product approval can be obtained at www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number
A. EXTERIOR DOORS			FL 4242-R
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung			FL 5108
2. Horizontal Slider			FL 5451
3. Casement			
4. Double Hung			
5. Fixed			FL 5418
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding			FL 889-R
2. Soffits			FL 4899
3. EIFS		Vinyl Siding DS	FI 4905
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			FL 3820-R1
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles			FL 586-R2
2. Underlayments			FL 1814-R1
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys.			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

15. Roof Tile Adhesive		
16. Spray Applied Polyurethane Roof		
17. Other		
E. SHUTTERS		
1. Accordion		
2. Bahama		
3. Storm Panels		
4. Colonial		
5. Roll-up		
6. Equipment		
7. Others		
F. SKYLIGHTS		
1. Skylight		FL 451-R1
2. Other		
G. STRUCTURAL COMPONENTS		
1. Wood connector/anchor		FL 474-R1
2. Truss plates		
3. Engineered lumber		FL 1008-R1
4. Railing		
5. Coolers-freezers		
6. Concrete Admixtures		
7. Material		
8. Insulation Forms		
9. Plastics		
10. Deck-Roof		
11. Wall		
12. Sheds		
13. Other		
H. NEW EXTERIOR ENVELOPE PRODUCTS		
1.		
2.		

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

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

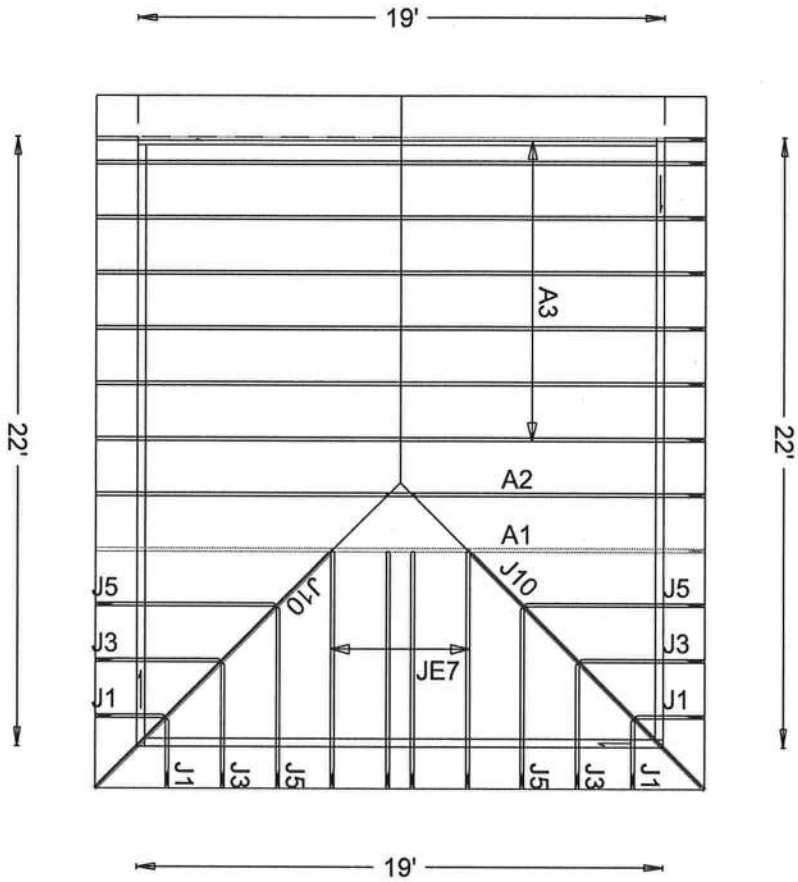
Contractor or Contractor's Authorized Agent Signature

Print Name

Date

Location

Permit # (FOR STAFF USE ONLY)



W.B. HOWLAND
Office: (386) 362-1235
Fax: (386) 362-7124

DATE: 2/11/09
ROOF PITCH: 6/12
CLG. PITCH: FLAT
OVERHANG: 18"
LOADING: 40#s PSF
WIND LOAD: 110 MPH
EXT. WALLS: 2 X 4

ROOF & FLOOR TRUSS QUOTES
DO NOT INCLUDE BEAMS, LVLS,
AND/OR GLULAMS.

Roof Plane Sheathing Area = 615 sq. ft
Total Sheathing Area = 615 sq. ft
Fascia Material = 94 linear ft
Ridge Cap Material = 3 linear ft
Hip Ridge Material = 66 linear ft

Job Name: RODRIGUEZ
Customer: J.L. DUPREE
Designer: Lynn Bell

JOB NO:
6000

PAGE NO:
1 OF 1

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:1TR8215-Z0229144432

Truss Fabricator: W.B. Howland
Job Identification: 6000-/RODRIGUEZ /J.L. DUPREE -- , **
Truss Count: 8
Model Code: Florida Building Code 2004 and 2006 Supplement
Truss Criteria: FBC CODE/TPI-2002(STD)
Engineering Software: Alpine Software, Version 7.38.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
the seal date per section 61G15-31.003(5a) of the FAC
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -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

Details: -

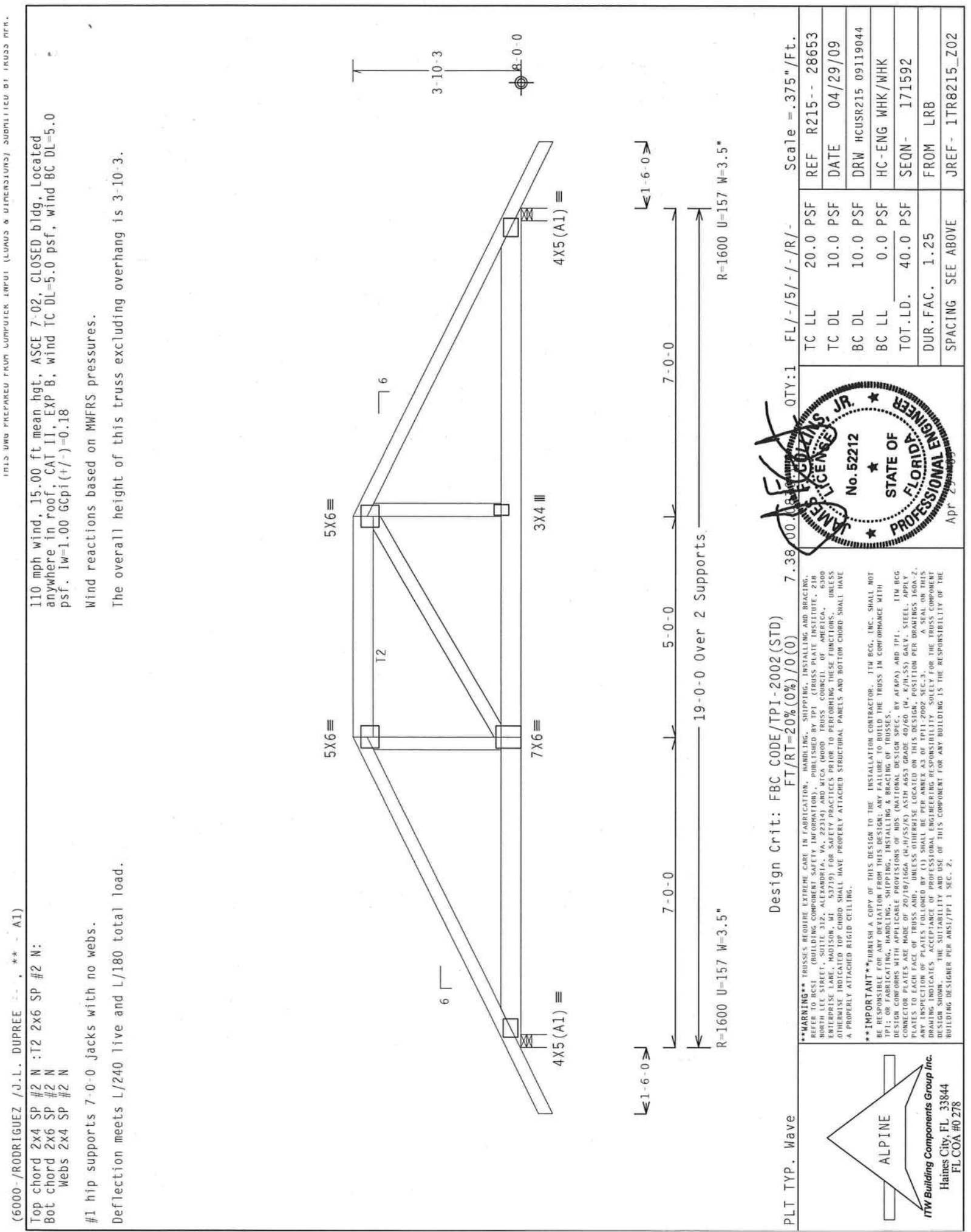


Seal Date: 04/29/2009

-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

#	Ref	Description	Drawing#	Date
1	28653--A1		09119044	04/29/09
2	28654--A2		09119041	04/29/09
3	28655--A3		09119042	04/29/09
4	28656--J1		09119001	04/29/09
5	28657--J3		09119043	04/29/09
6	28658--J5		09119045	04/29/09
7	28659--J10		09119046	04/29/09
8	28660--JE7		09119002	04/29/09





THIS DRAWING PREPARED FROM COMPUTER INPUT (UNITS & DIMENSIONS) SUBMITTED BY KROSS PER.

(6000-)/RODRIGUEZ /J.L.L. DUPREE ** - A1)

Top chord 2x4 SP #2 N :T2 2x6 SP #2 N:
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi (+/-) =0.18

Wind reactions based on MWFRS pressures.

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

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

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

Scale = .375"/Ft.

REF R215-- 28653

DATE 04/29/09

DRW HCUSR215 09119044

HC-ENG WHK/WHK

SEON- 171592

FROM LRB

JREF- 1TR8215_Z02

PLT TYP. Wave

Design Crit: FBC CODE/TPI-2002 (STD)

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

7.38/00.18

QTY: 1

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 SEE ABOVE

APR 29 2009

JAMES E. COLEMAN, JR.

No. 52212

STATE OF FLORIDA

PROFESSIONAL ENGINEER

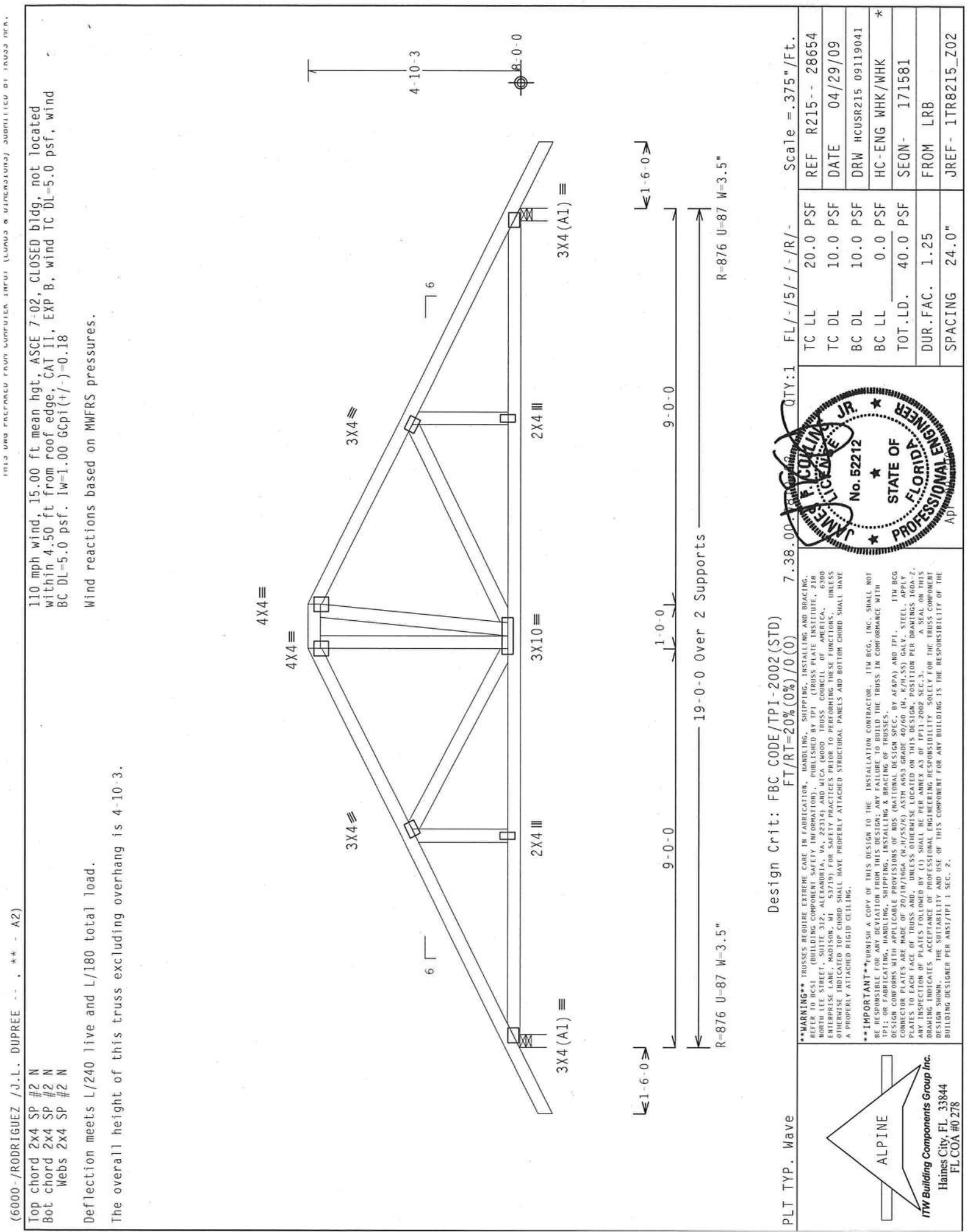
APR 29 2009

ALPINE

RTW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278



110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 G_{CPI}(+/-)=0.18

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 4-10-3.

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

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

PLT TYP. Wave

Scale = .375"/Ft.

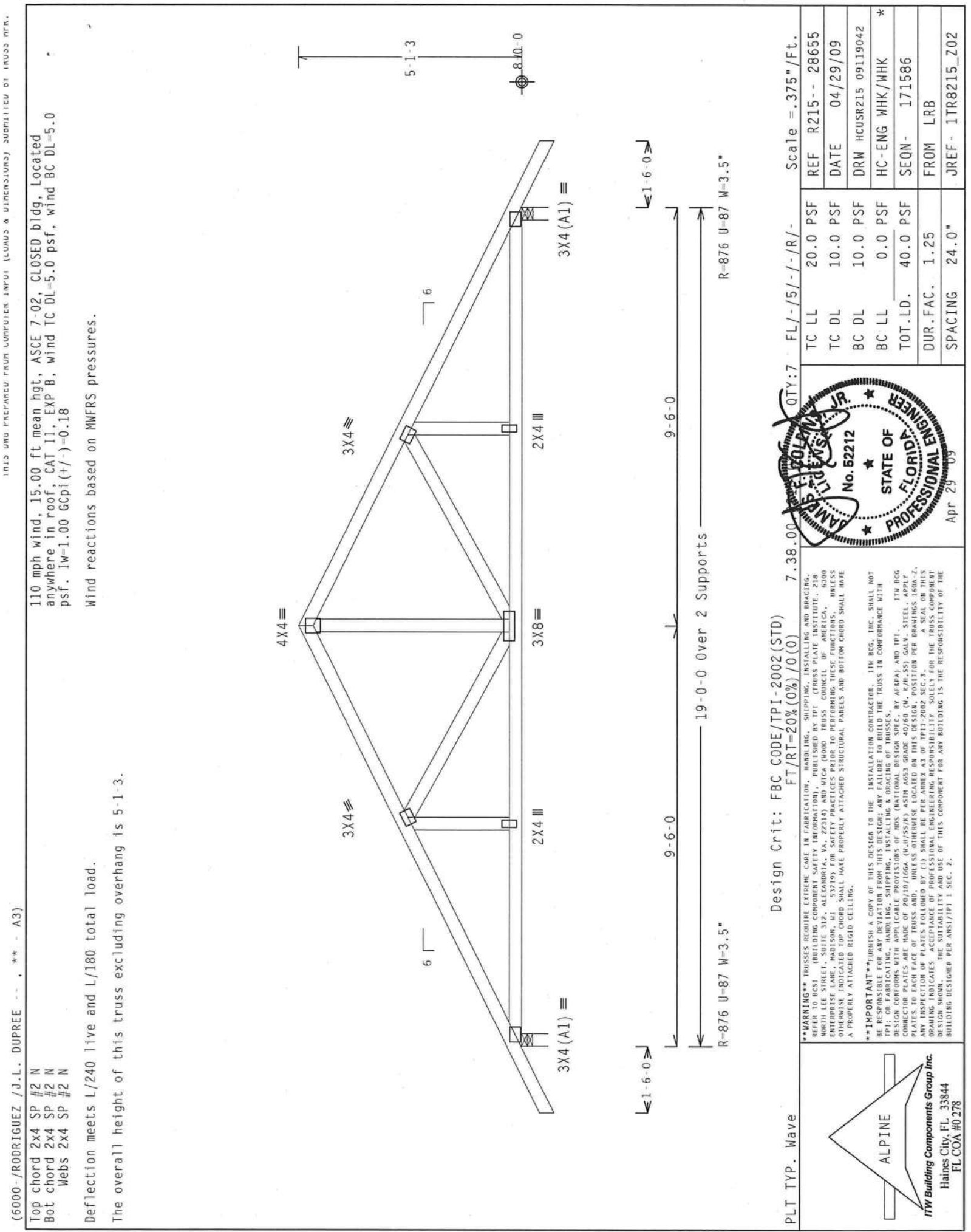
REF R215- - 28654
DATE 04/29/09
DRW HCUSR215 09119041
HC-ENG WHK/WHK
SEON- 171581
FROM LRB
JREF- 1TR8215_Z02

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"

State of Florida Professional Engineer
No. 52212
JAMES F. COLLINS JR.
APR 2008

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

ALPINE



THIS WAS PREPARED FROM COMPUTER INPUT (LUMAS & DIMENSIONS) SUBMITTED BY KROSS MFG.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 5-1-3.

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

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

PLT TYP. Wave

Scale = .375"/Ft.



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

QTY: 7

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-- 28655
DATE 04/29/09
DRW HCUSR215 09119042
HC-ENG WHK/WHK
SEQN- 171586
FROM LRB
JREF- 1TR8215_Z02

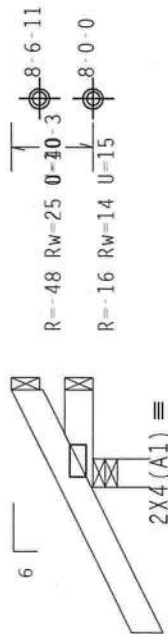
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)0.18

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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 0-10-3.



← 1-6-0 →
1-0-0 Over 3 Supports
R=240 U=49 W=3

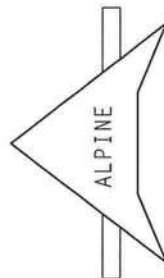
Design Crit: $\text{TPI-2002(STD)}/\text{FBC}$
 $\text{Ca}/\text{RT}=1.00(1.25)/$

PLT TYP. Wave

QTY:4 FL/-/5/-/-/R/-

Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R215 - 28656
TC DL	10.0 PSF	DATE	04/29/09
BC DL	10.0 PSF	DRW	HCUSR215 09119001
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	213203
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TR8215_Z02

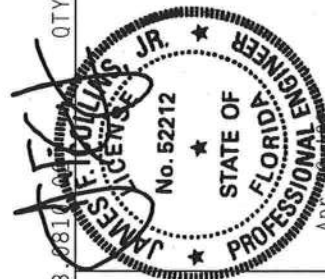


ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

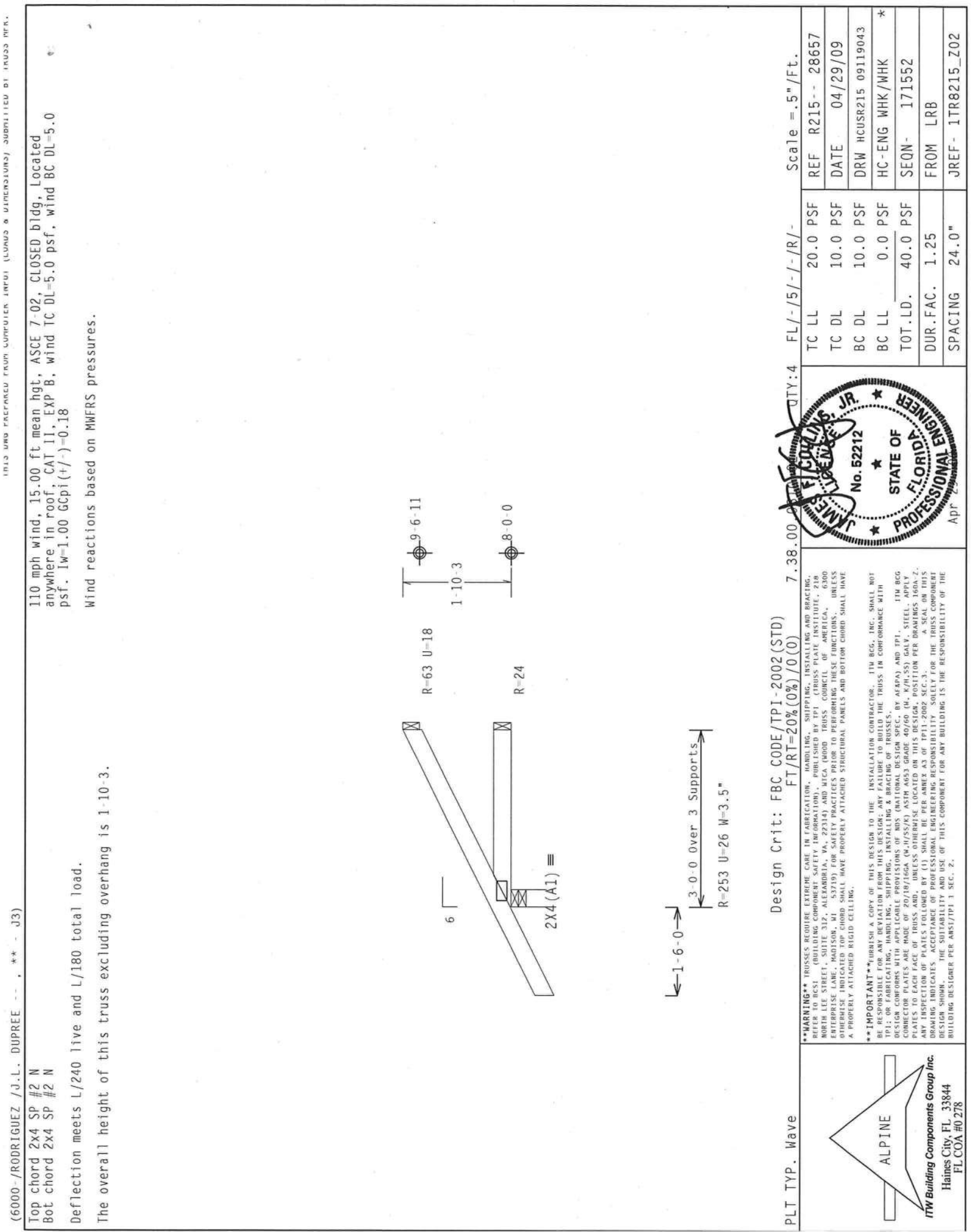
****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THESE THUSSES ARE SUPPLIED TO THE U.S. NAVAL TEST CENTER, NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304-6179. TRUSS CONNECTIONS MUST BE MADE ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE SPECIFICATIONS OF THIS DESIGN, OR ANY FAILURE TO FABRICATE, ASSEMBLE, SHIP, INSTALL OR BRACE THE TRUSSES, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., IF AISC) AND TPI. TYPICAL CONNECTIONS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., IF AISC) AND TPI. CONNECTOR PLATES ARE MADE OF 2018/1868 (M/155/8) ALUMINUM GRADE 40/60 (M/155/8) GALV. STEEL, PLATES TO EACH FACE OF TRUSS AND, OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TPI-2002 SEC. 3.2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/TPI 1 SEC. 2.



A



(6000-)/RODRIGUEZ /J.L. DUPREE --, ** - J3)

Top chord 2x4 SP #2 N

Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 1-10-3.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

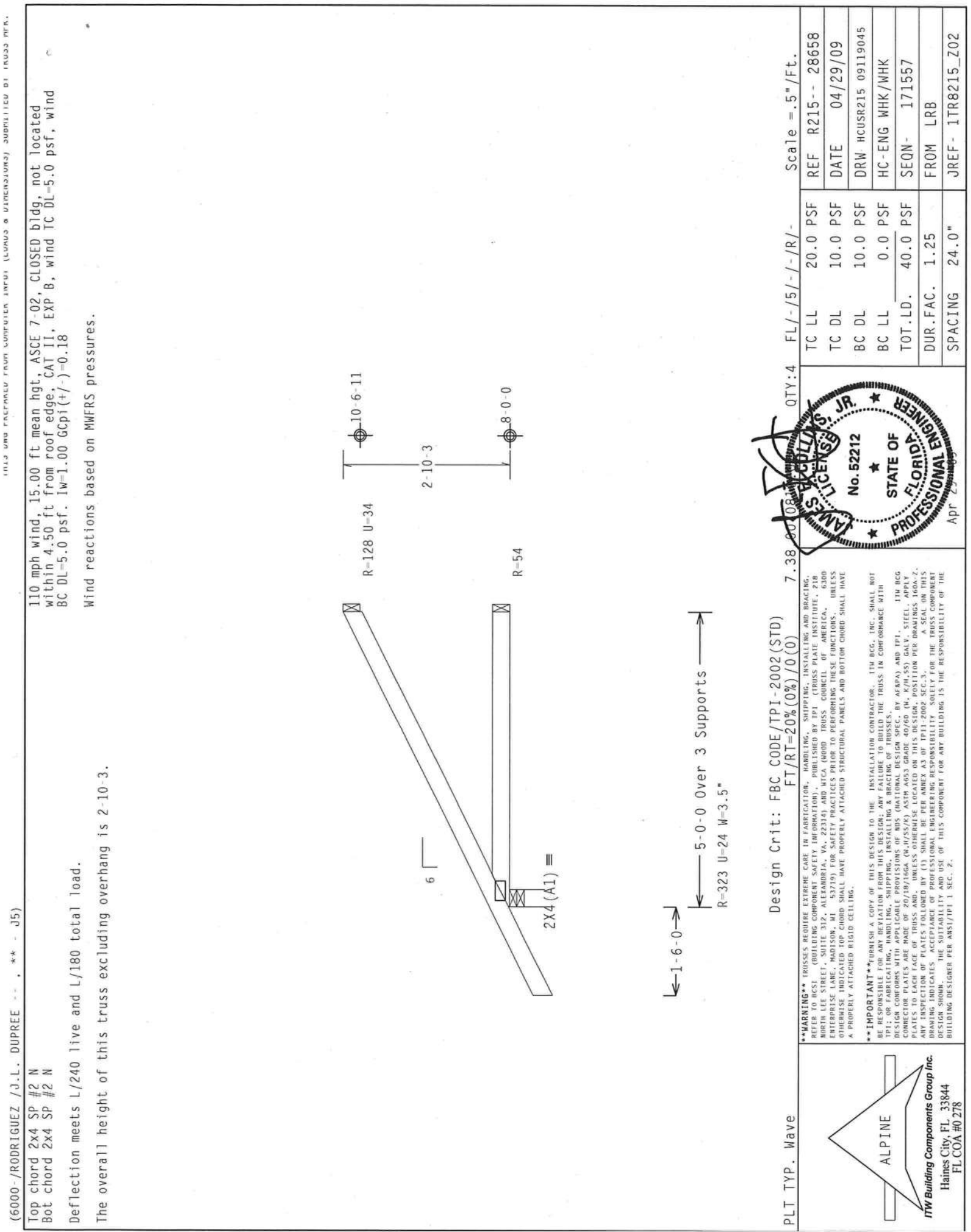
Wind reactions based on MWFRS pressures.

THIS WAS PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUPPLIED BY:

Wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, wind BC LL=0.0 psf, wind BC

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RESIDENTIAL BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE NATIONAL TRUSS INSTITUTE, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WEA (WOOD TRUSS COUNCIL OF AMERICA), 6300 ENTERPRISE LANE, MADISON, MI 48053 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITM BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. ITM BCG CONTRACTOR PLATES ARE MADE OF 2018/16GA (44-H/SS/K) ASTM A653 GRADE 40/60 (44, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ADAM INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN ASSOCIATION OF BRIDGE ENGINEERS (AASHTO) DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AHS/TPI 1 SEC. 2.



(6000- /RODRIGUEZ /J.L. DUPREE - ** - J5)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 2-10-3.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$
Wind reactions based on MWFRS pressures.

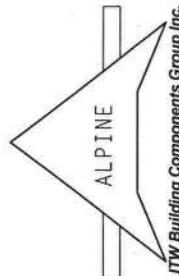
PLT TYP. Wave

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

QTY: 4
Scale = .5" / Ft.

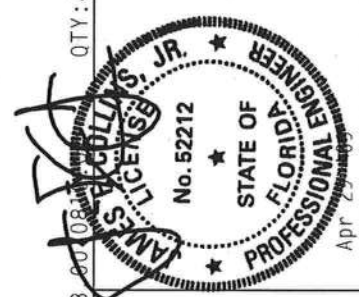
TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT. LD.	40.0 PSF
DUR. FAC.	1.25
SPACING	24.0"

REF R215-- 28658
DATE 04/29/09
DRW HCUSR215 09119045
HC-ENG WHK/WHK
SEON- 171557
FROM LRB
JREF- 1TR8215_Z02

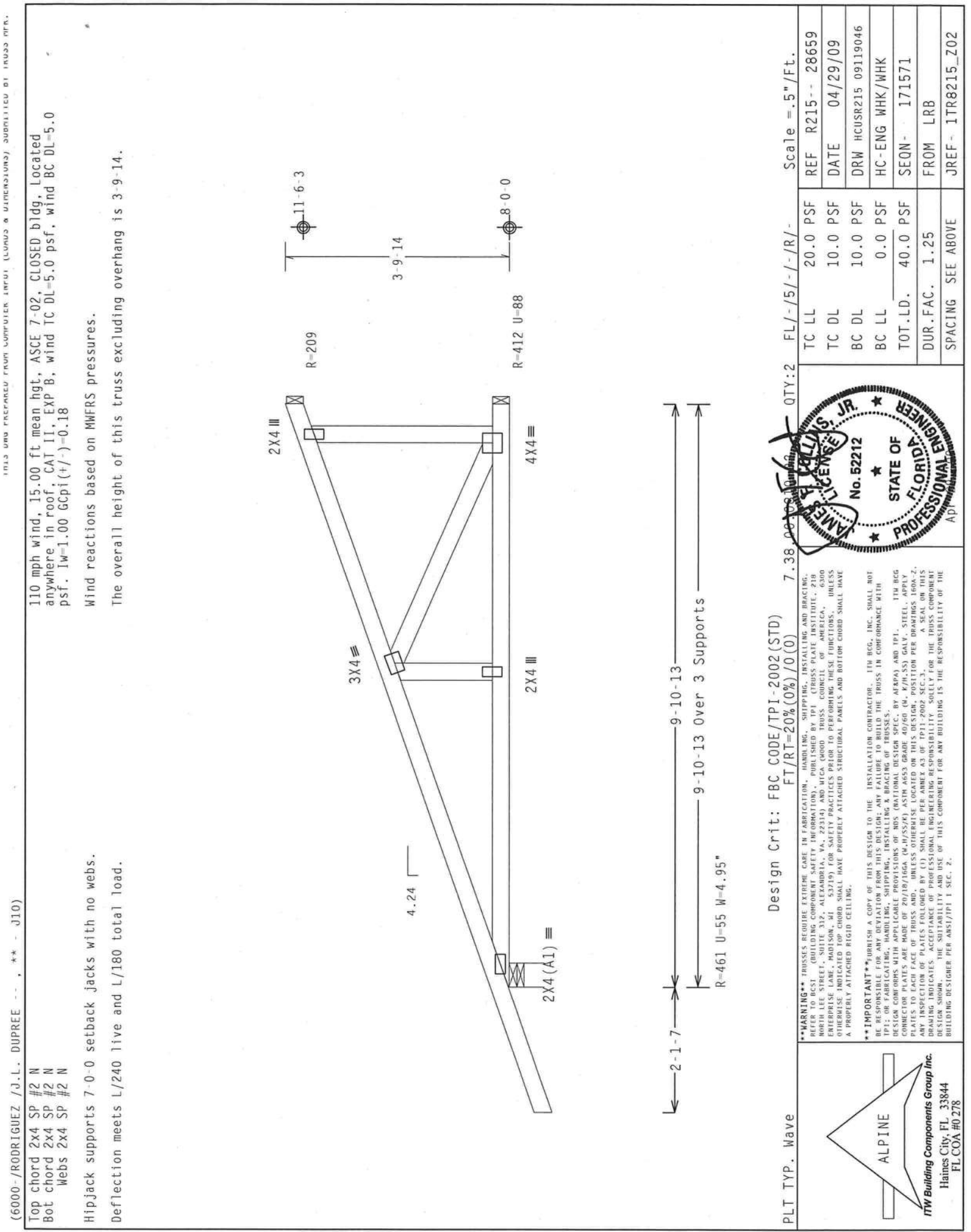


ALPINE

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



James H. Collins, Jr.
Professional Engineer
State of Florida
License No. 52212
Apr 29, 2009



(6000- /RODRIGUEZ /J.L. DUPREE --, ** - J10)

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpf(+/-)=0.18

Wind reactions based on MWFRS pressures.
The overall height of this truss excluding overhang is 3-9-14.

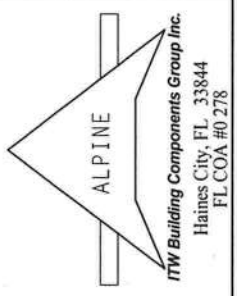
Design Crit: FBC CODE/TPI-2002 (STD)
FT/RT=20%(0%)/0(0)

PLT TYP. Wave	QTY: 2	FL/-/5/-/-/R/-	Scale = .5" / Ft.
TC LL	20.0 PSF	REF	R215-- 28659
TC DL	10.0 PSF	DATE	04/29/09
BC DL	10.0 PSF	DRW	HCUSR215 09119046
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	171571
DUR.FAC.	1.25	FROM	LRB
SPACING	SEE ABOVE	JREF-	1TR8215_Z02



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 2015 NATIONAL DESIGN SPEC. BY ATRPAJ AND TPI. ITW BEG CONNECTOR PLATES ARE MADE OF 2019/160A (44/0/55/4) ASTM A555 GRADE 40/60 (4, 4/0/55) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY (U) SHALL BE PER ANEX A3 OF TPI-2002 SEC. 2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



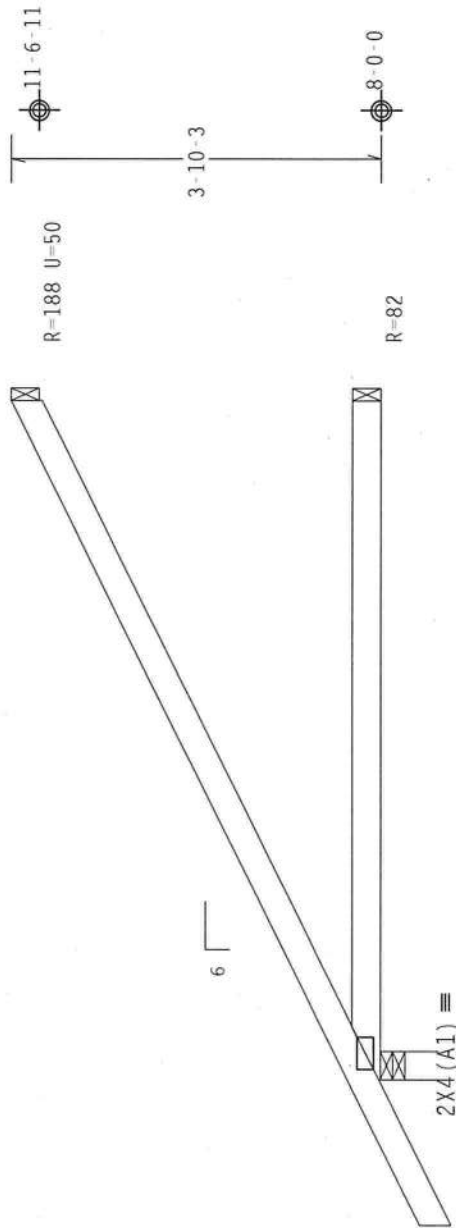
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N

110 mph wind, 15.00 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)-0.18

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 3.10-3.



1-6-0

7-0-0 Over 3 Supports

R=400 U=25 W=3.5"

Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/0(0)$

00

QTY: 4

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

Scale = .5"/Ft.

*WARNING** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THUSSES MUST BE PROPERLY SUPPORTED AND SECURED TO THE CHORD. THE FOLLOWING ARE THE MINIMUM REQUIREMENTS FOR THE NORTH LEE STREET, SUITE 312, ALABAMA CITY, AL 22114, AND THUSSES, COUNCILS, JOISTS, TRUSSES, CHORDS, AND BRACES. OTHERWISE ENTERPRISE LANE, WAUKEGON, WI 53191, FOR SAFETY PRACTICES RELATIVE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****—FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, EBC, SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TROUSS IN CONFORMANCE WITH THE DRAWING, FABRICATING, SHIPPING, INSTALLING A BRACING OF TROUSSES.

DESIGN CONFORMS WITH THE FOLLOWING STANDARDS: ASTM A360 FOR STEEL (SEE ARTS AND TPT. ITW BCG DESIGN FORMS MAY BE USED FOR THE FOLLOWING SPECIFICATIONS: ASTM A563 GRADE 40, 40M, 40X55 GALV. STEEL, APPL. TO PLATES TO EACH FACE OF TROUSS AND W/STAYS/POSTS ON THIS DESIGN. POSITION PER DRAWINGS 160A-2.

IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TPT-1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TROUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNING DESIGNER PER ANSI/TPI 1 SEC. 2.



Apr 29 09

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278



536 SE Baya Dr.
Lake City, FL 32025
Phone (386) 752-1703

Scientific Pest Management Directed by
Graduate Entomologists

F 72769

Member of Florida & National Pest Management Associations

www.flapest.com

Customer's Name: JL DUPREE #27800

Lawn & Ornamental Service Performed

- | | Lawn | Shrubs | Trees |
|---|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> Insecticidal Application | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Fungicidal Application | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Granular Fertilizer | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Liquid Fertilizer | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Herbicide Application | <input type="checkbox"/> | | |
| <input type="checkbox"/> Hydretain Application | <input type="checkbox"/> | | |
| <input type="checkbox"/> Turf Aeration | <input type="checkbox"/> | | |
| <input type="checkbox"/> Other _____ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Moss Treatment | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> Lichen Treatment | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Recommendations

- ☐ Continue normal watering & mowing
- ☐ Water lawn as soon as possible
- ☐ Do not water lawn for 3-5 days if possible
- ☐ Do not mow lawn for 3-5 days if possible

Comments: _____

General Household Pest Treatment Performed

- | | |
|---|---|
| <input type="checkbox"/> Interior Treatment | <input type="checkbox"/> Cobweb Removal |
| <input type="checkbox"/> Exterior Treatment | <input type="checkbox"/> Rodent Control |
| <input type="checkbox"/> Attic | <input type="checkbox"/> Flea Control |
| <input type="checkbox"/> Substructure | <input type="checkbox"/> Bedbug Control |
| <input type="checkbox"/> Other _____ | <input type="checkbox"/> Ticks |

Recommendations/Comments

Termite Treatment Performed

- ☐ Subterranean Termite
- ☐ Localized Drywood Termite
- ☒ Tent Fumigation
- ☐ Powder Post Beetles
- ☐ Soil Pretreat
- ☐ Wood Destroying Organisms Inspection
- ☐ Formosan Termite Upgrade

Recommendations/Comments

☐ Received on Account Only



Customer's Account Number _____

Date 6-2-09

F 72769

Name JL DUPREE

Address PO BOX 2861

City LC

State FL Zip 32054

County COLUMBIA

Phone _____

Charge my:



Cardholder: _____

(Please print name exactly as it appears on card)

Card #: _____

Expires: _____

Serviced by #	Technician Name	Cash	Check	Charge	On Acct.
<u>F236</u>	<u>DAVID</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Code	Description	Amount			
<u>11</u>	<u>PRETREAT</u>	<u>75.00</u>			
	<u>RALPH RODRIGUEZ</u>	<u>1</u>			
		Tax			
		Total <u>75.00</u>			

Thank You!

Customer Signature: _____

COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND ZONING

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 28-3S-16-02372-519

Building permit No. 000027800

Use Classification ADDITION TO SFD

Fire: 0.00

Permit Holder RALPH & DONNA RODRIGUEZ

Waste: 0.00

Owner of Building RALPH & DONNA RODRIGUEZ

Total: 0.00

Location: 135 NW HERITAGE DRIVE, LAKE CITY, FL



Date: 08/14/2009

Wayne H. Rios

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name: Rdoriguez Addition
 Street:
 City, State, Zip: , fl ,
 Owner: Rodriguez Addition
 Design Location: FL, Gainesville

Builder Name: Glenn I. Jones Inc.
 Permit Office: columbia
 Permit Number: 27800
 Jurisdiction: 221060

- | | |
|--|------------------|
| 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 | 0 |
| 5. Is this a worst case? | No |
| 6. Conditioned floor area (ft ²) | 418 |

- | 7. Windows | Description | Area |
|--------------|----------------|-----------------------|
| a. U-Factor: | Dbl, default | 30.00 ft ² |
| SHGC: | Clear, default | |
| b. U-Factor: | Dbl, default | 30.00 ft ² |
| SHGC: | Clear, default | |
| 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 | Insulation | Area |
|----------------------------------|------------|------------------------|
| a. Slab-On-Grade Edge Insulation | R=0.0 | 418.00 ft ² |
| b. N/A | R= | ft ² |
| c. N/A | R= | ft ² |

- | 9. Wall Types | Insulation | Area |
|---------------------------|------------|------------------------|
| a. Frame - Wood, Exterior | R=13.0 | 510.00 ft ² |
| b. N/A | R= | ft ² |
| c. N/A | R= | ft ² |
| d. N/A | R= | ft ² |

- | 10. Ceiling Types | Insulation | Area |
|-------------------------|------------|------------------------|
| a. Under Attic (Vented) | R=30.0 | 418.00 ft ² |
| b. N/A | R= | ft ² |
| c. N/A | R= | ft ² |

11. Ducts
 a. Sup: Ret: AH: Attic Sup. R= , ft²

- | | |
|---------------------|-----------------------------|
| 12. Cooling systems | |
| a. Central Unit | Cap: 14 kBtu/hr
SEER: 14 |

- | | |
|-----------------------|------------------------------|
| 13. Heating systems | |
| a. Electric Heat Pump | Cap: 14 kBtu/hr
HSPF: 7.7 |

- | | |
|-----------------------|-----------------------------|
| 14. Hot water systems | |
| a. Electric | Cap: 40 gallons
EF: 0.92 |

- b. Conservation features
 None

15. Credits None

Glass/Floor Area: 0.144

Total As-Built Modified Loads: 11.21

Total Baseline Loads: 13.65

PASS

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

PREPARED BY: 

DATE: _____

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

OWNER/AGENT: _____

DATE: _____

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



BUILDING OFFICIAL: _____

DATE: _____

PROJECT

Title: Rdoriguez Addition	Bedrooms: 0	Adress Type: Street Address
Building Type: FLAsBuilt	Bathrooms: 0	Lot #
Owner: Rodriguez Addition	Conditioned Area: 418	SubDivision:
# of Units: 1	Total Stories: 1	PlatBook:
Builder Name: Glenn I. Jones Inc.	Worst Case: No	Street:
Permit Office:	Rotate Angle: 0	County: columbia
Jurisdiction:	Cross Ventilation: No	City, State, Zip: ,
Family Type: Single-family	Whole House Fan: No	fl ,
New/Existing: New (From Plans)		
Comment:		

CLIMATE

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

FLOORS

✓	#	Floor Type	Perimeter	R-Value	Area	Tile	Wood	Carpet
✓	1	Slab-On-Grade Edge Insulatio	63 ft	0	418 ft²	0	0	1

ROOF

✓	#	Roof Type	Materials	Attic Type	Attic Area	Roof Color	Solar Absor.	Tested	RBS	Deck Insul.	Attic Vent Ratio (1 in)	Pitch
✓	1	Gable or Shed	Composition shingles	Full attic	418 ft²	Medium	0.9	N	N	0	300	26.6 deg

CEILING

✓	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
✓	1	Under Attic	30	418 ft²	0.1	Wood

WALLS

✓	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
✓	1	N	Exterior	Frame - Wood	13	160 ft²		0.25	0.8
✓	2	S	Exterior	Frame - Wood	13	160 ft²		0.25	0.8
✓	3	W	Exterior	Frame - Wood	13	190 ft²		0.25	0.8

DOORS

✓	#	Ornt	Door Type	Storms	U-Value	Area
✓	1	N	Wood	None	0.2	0.01 ft²

WINDOWS

Window orientation below is as entered. Actual orientation is modified by rotate angle shown in "Project" section above.

✓	#	Ornt	Frame	Panels	NFRC	U-Factor	SHGC	Storms	Area	Overhang		Int Shade	Screening
										Depth	Separation		
✓	1	N	Metal	Low-E Double	No	0.8	0.7	N	30 ft²	1 ft 6 in	1 ft 6 in	HERS 2006	None
✓	2	S	Metal	Low-E Double	No	0.87	0.66	N	30 ft²	1 ft 6 in	1 ft 6 in	HERS 2006	None

INFILTRATION & VENTING

✓	Method	SLA	CFM 50	ACH 50	ELA	EqLA	---- Forced Ventilation ----		Run Time Fraction	Fan Watts
							Supply CFM	Exhaust CFM		
✓	Default	0.00036	395	7.08	21.7	40.8	0 cfm	0 cfm	0	0

COOLING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ductless
✓	1	Central Unit	Through the Wall(Split)	SEER: 14	14 kBtu/hr	cfm	0.79	True

HEATING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Ductless
✓	1	Electric Heat Pump	Through the Wall(Split)	HSPF: 7.7	14 kBtu/hr	True

HOT WATER SYSTEM

✓	#	System Type	EF	Cap	Use	SetPnt	Conservation
✓	1	Electric	0.92	40 gal	30 gal	120 deg	None

SOLAR HOT WATER SYSTEM

✓	FSEC Cert #	Company Name	System Model#	Collector Model#	Collector Area(sq.ft.)	Storage Volume	FEF
✓	None	None					

DUCTS

✓	#	---- Supply ----			---- Return ----		Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
		Location	R-Value	Area	Location	Area						
✓				ft²		ft²	Default Leakage	Attic				

TEMPERATURES

Programable Thermostat: N

Ceiling Fans:

Cooling	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec
Heating	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec
Venting	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> 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

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.	
Exterior & Adjacent Walls	N1106.AB.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	N1106.AB.1.2.2	Penetrations/openings > 1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	N1106.AB.1.2.3	Between walls & ceilings; penetrations of ceiling plane to top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	N1106.AB.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	N1106.AB.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	N1106.AB.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	N1112.AB.3	Comply with efficiency requirements in Table N112.ABC.3. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	N1112.AB.2.3	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%. Heat pump pool heaters shall have a minimum COP of 4.0.	
Shower heads	N1112.AB.2.4	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	N1110.AB	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section N1110.AB. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	N1107.AB.2	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	N1104.AB.1 N1102.B.1.1	Ceilings-Min. R-19. Common walls-frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 82

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

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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	510.00 ft ²
3. Number of units, if multiple family	1	b. N/A	R=	ft ²
4. Number of Bedrooms	0	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)	418	10. Ceiling Types	Insulation	Area
7. Windows**	Description	a. Under Attic (Vented)	R=30.0	418.00 ft ²
a. U-Factor:	Dbl, default	b. N/A	R=	ft ²
SHGC:	Clear, default	c. N/A	R=	ft ²
b. U-Factor:	Dbl, default	11. Ducts		
SHGC:	Clear, default	a. Sup: Ret: AH: Attic Sup. R= , ft ²		
c. U-Factor:	N/A	12. Cooling systems		
SHGC:		a. Central Unit	Cap: 14 kBtu/hr	
d. U-Factor:	N/A		SEER: 14	
SHGC:		13. Heating systems		
e. U-Factor:	N/A	a. Electric Heat Pump	Cap: 14 kBtu/hr	
SHGC:			HSPF: 7.7	
8. Floor Types	Insulation	14. Hot water systems		
a. Slab-On-Grade Edge Insulation	R=0.0	a. Electric	Cap: 40 gallons	
b. N/A	R=		EF: 0.92	
c. N/A	R=	b. Conservation features		
		None		
		15. Credits		None

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

Builder Signature: _____ Date: _____

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



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

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

**2009 Supplement to the 2007 Florida Building Code
Residential, Chapter 11 Energy**

N1100.1 Methods of Compliance. This chapter provides ~~two~~ three methods by which residential buildings may be brought into compliance with this code.

N1100.1.1 Method A, the Whole Building Performance Method. This is a performance based code compliance method which considers energy use for the whole building, both for the envelope and its major energy-consuming systems. Under this method, energy loads are calculated for the energy-consuming elements of an As-Built house and simultaneously for a Baseline house of the same configuration. The As-Built normalized modified energy loads shall be less than the baseline energy loads to comply with this code. Applicable performance criteria in Subappendix B to Appendix G shall be followed. Applicable requirements described in Sections N1101 through N1113 shall also be met.

Method A may be applied to demonstrate code compliance for new residential construction, both single-family detached and multiple-family attached structures, and to additions to existing residential buildings. Existing buildings not exempt from this code may be brought into compliance by this method.

N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Subappendix C to Appendix G. Buildings complying by this alternative shall meet all Mandatory requirements of this chapter.

Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.

N1100.1.2 Method B, the Component Prescriptive Method. This is a prescriptive code compliance Method for residences of three stories or less, and additions, renovations to existing residential buildings; new heating, cooling, and water heating systems in existing buildings; and site-added components of manufactured homes and manufactured buildings. Using this method, a residence would meet or exceed all applicable requirements for the list of minimum component requirements.

Exceptions: Method B shall not be applied in new construction, including additions, that incorporates the following:

1. skylights
2. windows with greater than 16 percent glass to floor area
3. electric resistance heat.

~~**N1100.1.3 Method C, Limited Applications Prescriptive Method.** This is a prescriptive code compliance method for residential additions of 600 square feet (56 m²) or less, renovations to existing residential buildings; heating, cooling, and water heating systems of existing buildings; and site-added components of manufactured homes and manufactured buildings.~~

N1100.1.2.1 Renovations. To comply by this method, all energy-related components or systems being installed or changed in the ~~addition or~~ renovation shall meet the minimum prescriptive levels listed for that component.

N1100.2 Certification of compliance.



NOTICE OF INSPECTION AND/OR TREATMENT

6/19/09

27800

Date of Inspection

6/19/09

Date of Treatment

Tennex 80WG 06

Product Used

Subterranean Termites

Wood-Destroying Organisms Treated

☒ Complete Treatment ☐ Spot Treatment Only

Continued protection requires that annual inspections be made. Please contact us at:

Address:

Phone:

FLA PEST CONTROL & CHEMICAL CO.
536 SE BAY DR
LAKE CITY, FL 32025-6098