

DATE 04/01/2010

Columbia County Building Permit

PERMIT

This Permit Must Be Prominently Posted on Premises During Construction

000028460

APPLICANT JERRY CASTAGNA PHONE 755-6867
ADDRESS 521 NW OLD MILL ROAD LAKE CITY FL 32055
OWNER EDWIN GONZALEZ PHONE
ADDRESS 299 NW CYPRESS COVE DRIVE LAKE CITY FL 32055
CONTRACTOR JERRY CASTAGNA PHONE 755-6867
LOCATION OF PROPERTY LAKE JEFFREY RD, TR OLD MILL ROAD, TL CYPRESS COVE
DRIVE, TO THE END OF CUL-DE-SAC ON LEFT
TYPE DEVELOPMENT ADDITION TO SFD ESTIMATED COST OF CONSTRUCTION 58900.00
HEATED FLOOR AREA 1178.00 TOTAL AREA 1178.00 HEIGHT STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 8/12 FLOOR SLAB
LAND USE & ZONING RSF-2 MAX. HEIGHT 24
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 26-3S-16-02272-024 SUBDIVISION LAKE JEFFERY
LOT 23 BLOCK PHASE UNIT TOTAL ACRES 0.77

CBC047842

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING 10-139 BK HD N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS:

Check # or Cash 7417

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 \$ 295.00 CERTIFICATION FEE \$ 5.89 SURCHARGE FEE \$ 5.89
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 381.78
INSPECTORS OFFICE CLERKS OFFICE

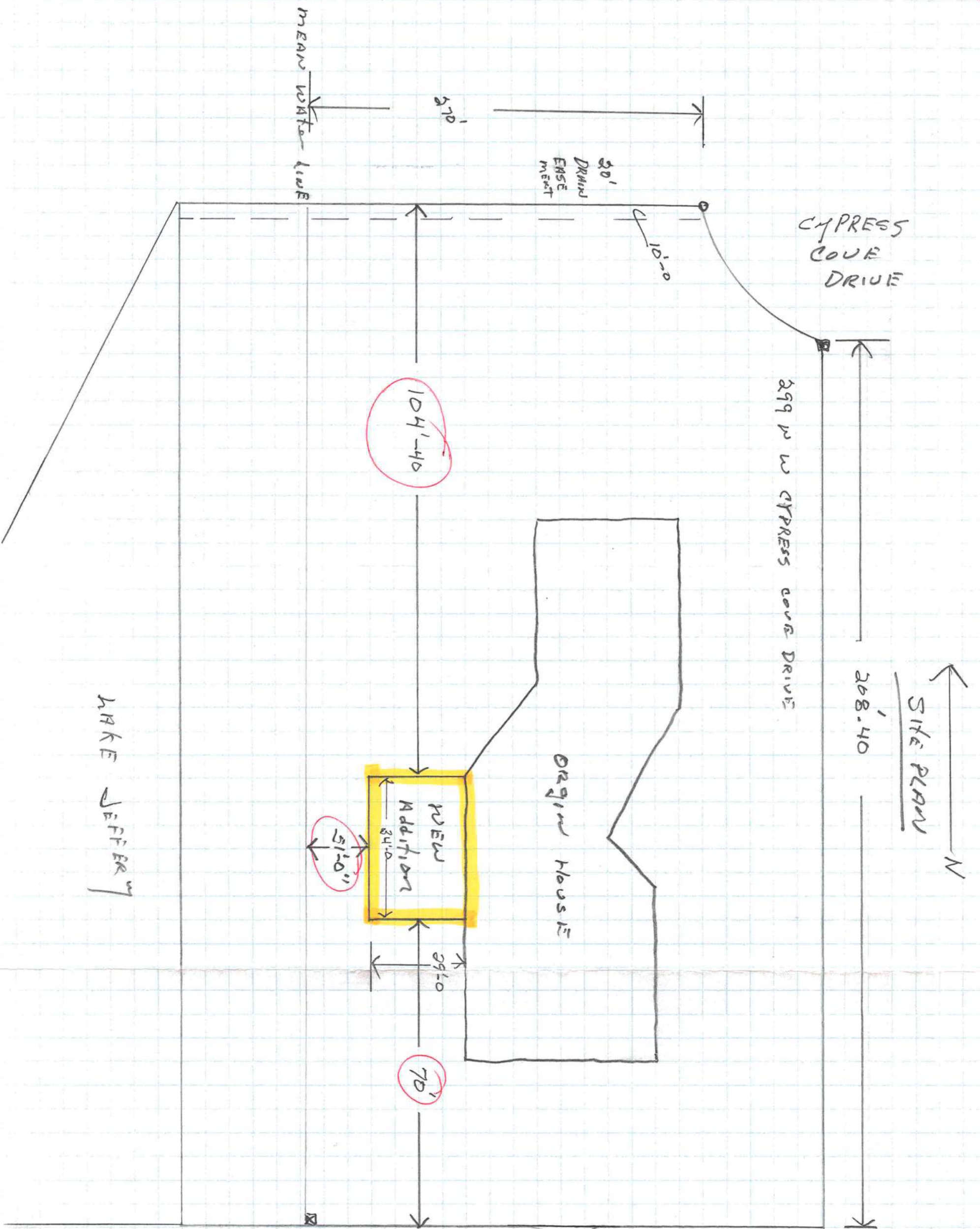
NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES,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

SITE PLAN



Notice of Treatment

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

Address: 536 SW Bay Dr

City: Lake City

Phone: 732-1703

Site Location: Subdivision Country Club Lakes

Lot # _____ Block# _____

Permit # 28460

Address 299 NW Cypress Cove Dr L.C.

Product used

Active Ingredient

% Concentration

- | | | |
|---|----------------------------------|-------|
| <input checked="" type="checkbox"/> Premise | Imidacloprid | 0.1% |
| <input type="checkbox"/> Termidor | Fipronil | 0.12% |
| <input type="checkbox"/> Bora-Care | Disodium Octaborate Tetrahydrate | 23.0% |

Type treatment:

☒ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

| | | | |
|-----------------|-------------|------------|-----------|
| <u>Acoustic</u> | <u>1225</u> | <u>140</u> | <u>70</u> |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

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

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

4/25/10
Date

4:30 p
Time

Ned
Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05 ©

Columbia County Building Permit Application

For Office Use Only Application # 1003-31 Date Received 3/19/10 By G Permit # 28460
 Zoning Official BLK Date 30.03.10 Flood Zone X Land Use Res. Low Dens. Zoning RSF-2
 FEMA Map # N/A Elevation N/A MFE N/A River N/A Plans Examiner HO Date 3-29-10
 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 N/A addition to existing dwelling

Septic Permit No. _____ Fax _____
 Name Authorized Person Signing Permit JERRY CASTAGNA Phone 386-755-6867
 Address 521 NW OLD MILL RD LAKE CITY FLA 32055
 Owners Name EDWIN GONZALEZ Phone _____
 911 Address 299 NW CYPRESS COVE DR - LAKE CITY FLA 32053
 Contractors Name CASTAGNA CONS INC Phone 386-755-6867
 Address 521 NW OLD MILL RD LAKE CITY FLA 32055
 Fee Simple Owner Name & Address N/A
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address MARK DISOSWAY TE
 Mortgage Lenders Name & Address N/A

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

Property ID Number 23-35-16-02272-024 Estimated Cost of Construction 120,000.00
 Subdivision Name LAKE JEFFERY Lot 23 Block _____ Unit _____ Phase 1
 Driving Directions NORTH on LAKE JEFFERY RD TO OLD MILL RD
TURN RIGHT THEN LEFT on CYPRESS COVE DR FTO
COVERSACK HOUSE LEFT Number of Existing Dwellings on Property _____

Construction of Addition to SFD Total Acreage 9.77 Lot Size _____
 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 24'
 Actual Distance of Structure from Property Lines - Front 80 Side 70 Side 104 Rear 51
 Number of Stories 2 Heated Floor Area 1178 sq Total Floor Area _____ Roof Pitch 8/12

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

Spoke with Melinda

Columbia County Building Permit Application

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

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

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

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

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

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

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

(Owners Must Sign All Applications Before Permit Issuance.)

X _____
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 CBCD47842
Columbia County
Competency Card Number 080004735

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 19th day of MARCH 2010

Personally known ☒ or Produced Identification ☐

State of Florida Notary Signature (For the Contractor)

SEAL:



After Recording return to:

Castagna Construction, Inc
521 NW 10th St
Lake City FL 32055
 Permit No. 000028460

28460

NOTICE OF COMMENCEMENT

FS 713.13

State of Florida

County of Columbia

Inst 201012005836 Date 4/14/2010 Time 9:47 AM
 DC, P DeWitt Caseon, Columbia County Page 1 of 1 B:1192 P:1621

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Legal description of property and street address if available:

Lot # 23 Lake Jeffrey Subdivision
Parcel # 23-35-16-02272-024

General description of improvement: addition to home

2. Owner Information: Name and address:

Edwin Gonzalez299 NW Cypress Cove Dr Lake City FL 32055b. Interest in property: 100%

c. Name and address of fee simple titleholder (if other than Owner)

Same as owner

3. Contractor: Name and address:

Castagna Construction IncLake City FL Lake City, FL 32055Phone number 386-755-6867 Fax number (optional, if service by fax is acceptable) 386-755-68674. Surety: Name and address: N/APhone number N/A Fax number (optional, if service by fax is acceptable) N/AAmount of Bond \$ N/ALender: Name and address: N/APhone number N/A Fax number (optional, if service by fax is acceptable) N/A

5. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: (name and address):

Phone numbers of designated persons

Fax number (optional, if service by fax is acceptable)

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

Phone number of person or entity designated by owner _____ Fax
 number (optional, if service by fax is acceptable) _____

7. Expiration date of Notice of Commencement (the expiration date is one (1) year from the date of recording unless a different date is specified)

[Signature]
 Signature of Owner

STATE OF FLORIDA

COUNTY OF Columbia

Sworn to (or affirmed) and subscribed before me this

19thday of March 2010

by Edwin Gonzalez, who is personally known to me
 or who has produced _____ as identification
 and who did _____ or did not _____ take an oath.

Melinda Petty, Jr

Notary Public (Signature)



APPLICATION NUMBER

SUBCONTRACTOR VERIFICATION FORM

CONTRACTOR

PHONE

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

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

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

| | | |
|---------------------------|--|---|
| ELECTRICAL | Print Name _____ License #: _____ | Signature _____ Phone #: _____ |
| MECHANICAL/ A/C _____ | Print Name _____ License #: _____ | Signature _____ Phone #: _____ |
| PLUMBING/ GAS | Print Name <u>LL BOYETTE JR.</u> License #: <u>CFCO 21540</u> | Signature <u>Conway L Boyette Jr.</u> Phone #: <u>1-404-259-3172</u> |
| ROOFING | Print Name _____ License #: _____ | Signature _____ Phone #: _____ |
| SHEET METAL | Print Name _____ License #: _____ | Signature _____ Phone #: _____ |
| FIRE SYSTEM/ SPRINKLER | Print Name _____ License #: _____ | Signature _____ Phone #: _____ |
| SOLAR | Print Name _____ License #: _____ | Signature _____ Phone #: _____ |

| Specialty License | License Number | Sub-Contractors Printed Name | Sub-Contractors Signature |
|--------------------|----------------|------------------------------|---------------------------|
| MASON | | | |
| CONCRETE FINISHER | | | |
| FRAMING | | | |
| INSULATION | | | |
| STUCCO | | | |
| DRYWALL | | | |
| PLASTER | | | |
| CABINET INSTALLER | | | |
| PAINTING | | | |
| ACOUSTICAL CEILING | | | |
| GLASS | | | |
| CERAMIC TILE | | | |
| FLOOR COVERING | | | |
| ALUM/VINYL SIDING | | | |
| GARAGE DOOR | | | |
| 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.

FAXED 6-23-10

Contractor forms Subcontractor form 6/09

SUBCONTRACTOR VERIFICATION FORM

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| | | |
|---|--|---|
| ELECTRICAL <i>Good</i> #333 | Print Name <u>David Cheatham</u> License #: <u>EC0002840</u> | Signature <u>[Signature]</u> Phone #: <u>386-752-5488</u> |
| MECHANICAL/A/C <i>Good</i> 770 | Print Name <u>Timothy Shatto</u> License #: _____ | Signature <u>See Attached</u> Phone #: <u>386-496-8224</u> |
| PLUMBING/GAS <i>Updates</i> 531 | Print Name <u>DEPENDABLE FRANK</u> License #: <u>CFC 057747</u> | Signature <u>[Signature]</u> Phone #: <u>381-752-5218</u> |
| ROOFING 431 | Print Name <u>Castagna Cons</u> License #: <u>CBC 047842</u> | Signature <u>[Signature]</u> 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 <i>Good</i> | CBC047842 | CASTAGNA CONS INC | [Signature] |
| CONCRETE FINISHER | " | CASTAGNA CONS INC | [Signature] |
| FRAMING | " | CASTAGNA CONS INC | [Signature] |
| INSULATION | " | CASTAGNA CONS INC | [Signature] |
| STUCCO | " | CASTAGNA CONS INC | [Signature] |
| DRYWALL | " | CASTAGNA CONS INC | [Signature] |
| PLASTER | | N/A | |
| CABINET INSTALLER | CBC047842 | CASTAGNA CONS INC | [Signature] |
| PAINTING | " | CASTAGNA CONS INC | |
| ACOUSTICAL CEILING | | N/A | |
| GLASS | " | CASTAGNA CONS INC | [Signature] |
| CERAMIC TILE | | N/A | |
| FLOOR COVERING | " | CASTAGNA CONS INC | [Signature] |
| ALUM/VINYL SIDING | | N/A | |
| GARAGE DOOR | | N/A | |
| METAL BLDG ERECTOR | | N/A | |

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.

Mar 18 10 11:17a

Jerry Castagna

3867556867

p. 1

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER _____

CONTRACTOR _____

PHONE _____

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| | | | |
|---------------------------|--|-----------------------------------|------------------------------|
| ELECTRICAL | Print Name <u>A-1 Electric</u> | Signature _____ | Phone #: _____ |
| | License #: _____ | | |
| MECHANICAL/ A/C | Print Name <u>Shatto Heating & Air</u> | Signature <u>Timothy D Shatto</u> | Phone #: <u>386-496-8224</u> |
| | License #: <u>CACD57875</u> | | |
| PLUMBING/ GAS | Print Name <u>DEPENDABLE</u> | Signature _____ | Phone #: <u>386-752-5218</u> |
| | License #: <u>CFC 057747</u> | | |
| ROOFING | Print Name <u>CASTAGNA CONSTRUCTION</u> | Signature <u>Jerry Castagna</u> | Phone #: <u>386-755-6867</u> |
| | License #: <u>CBC 047842</u> | | |
| SHEET METAL | Print Name _____ | Signature _____ | Phone #: _____ |
| | License #: _____ | | |
| FIRE SYSTEM/ SPRINKLER | Print Name _____ | Signature _____ | Phone #: _____ |
| | License #: _____ | | |
| SOLAR | Print Name _____ | Signature _____ | Phone #: _____ |
| | License #: _____ | | |

| Subcontractor License | License Number | Subcontractor Business Name | Subcontractor Signature |
|-----------------------|----------------|-----------------------------|-------------------------|
| MASON | CBC047842 | CASTAGNA CONSTRUCTION INC | J Castagna |
| CONCRETE FINISHER | " | CASTAGNA CONSTRUCTION INC | J Castagna |
| FRAMING | " | CASTAGNA CONSTRUCTION INC | J Castagna |
| INSULATION | " | CASTAGNA CONSTRUCTION INC | J Castagna |
| STUCCO | " | CASTAGNA CONSTRUCTION INC | J Castagna |
| DRYWALL | " | CASTAGNA CONSTRUCTION INC | J Castagna |
| PLASTER | | N/A | |
| CABINET INSTALLER | CBC047842 | CASTAGNA CONSTRUCTION INC | J Castagna |
| PAINTING | " | CASTAGNA CONSTRUCTION INC | J Castagna |
| ACOUSTICAL CEILING | | N/A | |
| GLASS | " | CASTAGNA CONSTRUCTION INC | J Castagna |
| CERAMIC TILE | | N/A | |
| FLOOR COVERING | " | CASTAGNA CONSTRUCTION INC | J Castagna |
| ALUM/VINYL SIDING | | N/A | |
| GARAGE DOOR | | N/A | |
| METAL BLDG ERECTOR | | N/A | |

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

Contractor Form: Subcontractor form: 6/09



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

10-0127M
PERMIT NO. 952341
DATE PAID: 3/19/10
FEE PAID: 205.00
RECEIPT #: 1223810

APPLICATION FOR:

[] New System [] Existing System [] Holding Tank [] Innovative
[] Repair [] Abandonment [] Temporary [X] MODIFICATION

APPLICANT: Edwin Gonzalez

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) (m) 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: 23 BLOCK: na SUB: Lake Jeffery PH 1 PLATTED: 11/83

PROPERTY ID #: 23-3S-16-02272-024 ZONING: Res. I/M OR EQUIVALENT: [Y / N]

PROPERTY SIZE: .77 ACRES WATER SUPPLY: [X] PRIVATE PUBLIC [] <=2000GPD [] >2000GPD

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

PROPERTY ADDRESS: 299 NW Cypress Cove Drive, Lake City, FL, 32055

DIRECTIONS TO PROPERTY: 90 West, TR on Lake Jeffery Road, TL on Old Mill Dr,

TR on Auburn Place, TL on Cypress Cove Dr, To end on left

BUILDING INFORMATION

[X] RESIDENTIAL [] COMMERCIAL

| Unit No | Type of Establishment | No. of Bedrooms | Building Area Sqft | Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC |
|---------|-----------------------|-----------------|--------------------|--|
| 1 | <u>SF Residential</u> | <u>3</u> | <u>4762</u> | <u>3584 EXISTING 3 BR</u> |
| 2 | | | | <u>1178 PROPOSED</u> |
| 3 | | | | <u>4762 TOTAL</u> |

[N] Floor/Equipment Drains [N] Other (Specify) Rocky Ford

SIGNATURE: Rocky Ford

DATE: 3/18/2010

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1003-31 CONTRACTOR Castagna Const PHONE 386-755 68

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| | | |
|---------------------------|--|---|
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| MECHANICAL/ A/C _____ | Print Name _____ License #: _____ | Signature _____ Phone #: _____ |
| PLUMBING/ GAS | Print Name _____ License #: _____ | Signature _____ Phone #: _____ |
| X ROOFING | Print Name <u>WindTech Contracting</u> License #: <u>CC-C058270</u> | Signature <u>Willard William G Hood</u> Phone #: <u>386 755 8699</u> |
| SHEET METAL | Print Name _____ License #: _____ | Signature _____ Phone #: _____ |
| FIRE SYSTEM/ SPRINKLER | Print Name _____ License #: _____ | Signature _____ Phone #: _____ |
| SOLAR | Print Name _____ License #: _____ | Signature _____ Phone #: _____ |

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

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THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 04-745
FOST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

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

Property Appraiser's
Identification Number R02272 024

Inst: 2004020123 Date: 12/17/2004 Time: 16:14
Doc. Stamp Fee: 3675.00
DC, P. Dewitt Cason, Columbia County B: 1033 P: 1414

WARRANTY DEED

This Warranty Deed, made this 14th day of December 2004, BETWEEN STANLEY CRAWFORD and MARY ANN CRAWFORD, Husband and Wife whose post office address is 299 NW Cypress Cove Drive, Lake City, FL 32055, of the County of Columbia, State of Florida, grantor*, and EDWIN GONZALEZ and MARITZA VALDES, Husband and Wife whose post office address is 299 NW Cypress Cove Drive, Lake City, Florida 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 23, LAKE JEFFERY, a subdivision according to the plat thereof as recorded in Plat Book 5, Pages 39-39A 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.

Signed, sealed and delivered
in our presence:

Lisa C. Ogburn

(Signature of First Witness)

Lisa C. Ogburn

(Typed Name of First Witness)

Crystal L. Brunner

(Signature of Second Witness)

Crystal L. Brunner

(Typed Name of Second Witness)

Stanley Crawford (SEAL)

Grantor

STANLEY CRAWFORD

Printed Name

Mary Ann Crawford (SEAL)

Grantor

MARY ANN CRAWFORD

Printed Name

STATE OF Florida
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 14th
day of December, 2004, by STANLEY CRAWFORD and MARY ANN CRAWFORD,
Husband and Wife who are personally known to me and who did not
take an oath.

My Commission Expires:

Crystal L. Brunner
Notary Public

Printed, typed, or stamped name:



Inst: [redacted] Date: 12/17/2004 Time: 16:14
Doc Stamp-Deed : 3675.00
DC, P. Dewitt Casen, Columbia County B: 1033 P: 1415

Columbia County Property Appraiser

DB Last Updated: 1/28/2010

2009 Tax Roll Year

Parcel: 23-3S-16-02272-024

<< Next Lower Parcel

Next Higher Parcel >>

Tax Collector

Tax Estimator

Property Card

Parcel List Generator

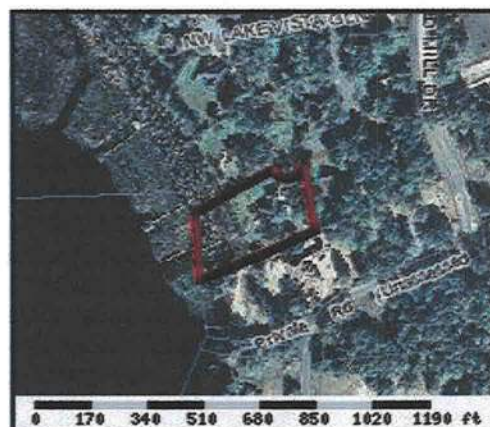
Interactive GIS Map

Print

Search Result: 1 of 1

Owner & Property Info

| | | | |
|--|---|--------------|-------|
| Owner's Name | GONZALEZ EDWIN & | | |
| Mailing Address | MARITZA VALDES 299 NW CYPRESS COVE DR LAKE CITY, FL 32055 | | |
| Site Address | 299 NW CYPRESS COVE DR | | |
| Use Desc. (code) | SINGLE FAM (000100) | | |
| Tax District | 2 (County) | Neighborhood | 23316 |
| Land Area | 0.774 ACRES | Market Area | 06 |
| Description | NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction. | | |
| LOT 23 LAKE JEFFERY PHASE 1 ORB 531-659, 766-1239, 788-1019, 856-1107, WD 1033-1414. | | | |



Property & Assessment Values

| 2009 Certified Values | | |
|------------------------------|---|--------------|
| Mkt Land Value | cnt: (0) | \$70,875.00 |
| Ag Land Value | cnt: (1) | \$0.00 |
| Building Value | cnt: (1) | \$364,398.00 |
| XFOB Value | cnt: (7) | \$32,293.00 |
| Total Appraised Value | | \$467,566.00 |
| Just Value | | \$467,566.00 |
| Class Value | | \$0.00 |
| Assessed Value | | \$435,991.00 |
| Exempt Value | (code: HX) | \$50,000.00 |
| Total Taxable Value | Cnty: \$385,991 Other: \$385,991 Schl: \$410,991 | |

2010 Working Values

NOTE:
2010 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 |
|------------|--------------|---------|-------------------|----------------|------------|--------------|
| 12/14/2004 | 1033/1414 | WD | I | Q | | \$525,000.00 |
| 4/7/1998 | 856/1107 | WD | V | Q | | \$62,500.00 |
| 3/31/1994 | 788/1019 | WD | V | Q | | \$46,000.00 |
| 10/20/1992 | 766/1239 | WD | V | Q | | \$45,000.00 |

Building Characteristics

| Bldg Item | Bldg Desc | Year Blt | Ext. Walls | Heated S.F. | Actual S.F. | Bldg Value |
|--|---------------------|----------|-----------------|-------------|-------------|--------------|
| 1 | EXCEPT SFR (000900) | 2000 | WD FR STUC (16) | 3584 | 6084 | \$353,127.00 |
| Note: All S.F. calculations are based on exterior building dimensions. | | | | | | |

Extra Features & Out Buildings

| Code | Desc | Year Blt | Value | Units | Dims | Condition (% Good) |
|------|------------|----------|------------|-------------|-----------|--------------------|
| 0180 | FPLC 1STRY | 2000 | \$2,000.00 | 0000001.000 | 0 x 0 x 0 | (000.00) |
| 0119 | MASONRY WA | 2000 | \$1,692.00 | 0000376.000 | 0 x 0 x 0 | (000.00) |

| | | | | | | |
|------|------------|------|-------------|-------------|-------------|----------|
| 0258 | PATIO | 2000 | \$1,702.00 | 0000851.000 | 23 x 37 x 0 | (000.00) |
| 0166 | CONC,PAVMT | 2000 | \$13,784.00 | 0006892.000 | 0 x 0 x 0 | (000.00) |
| 0080 | DECKING | 2000 | \$4,302.00 | 0001229.000 | 0 x 0 x 0 | (000.00) |

Land Breakdown

| Lnd Code | Desc | Units | Adjustments | Eff Rate | Lnd Value |
|----------|----------------|------------------------|---------------------|-------------|-------------|
| 000133 | SFR LAKE (MKT) | 1 LT - (0000000.774AC) | 1.00/1.00/1.00/1.75 | \$56,700.00 | \$56,700.00 |

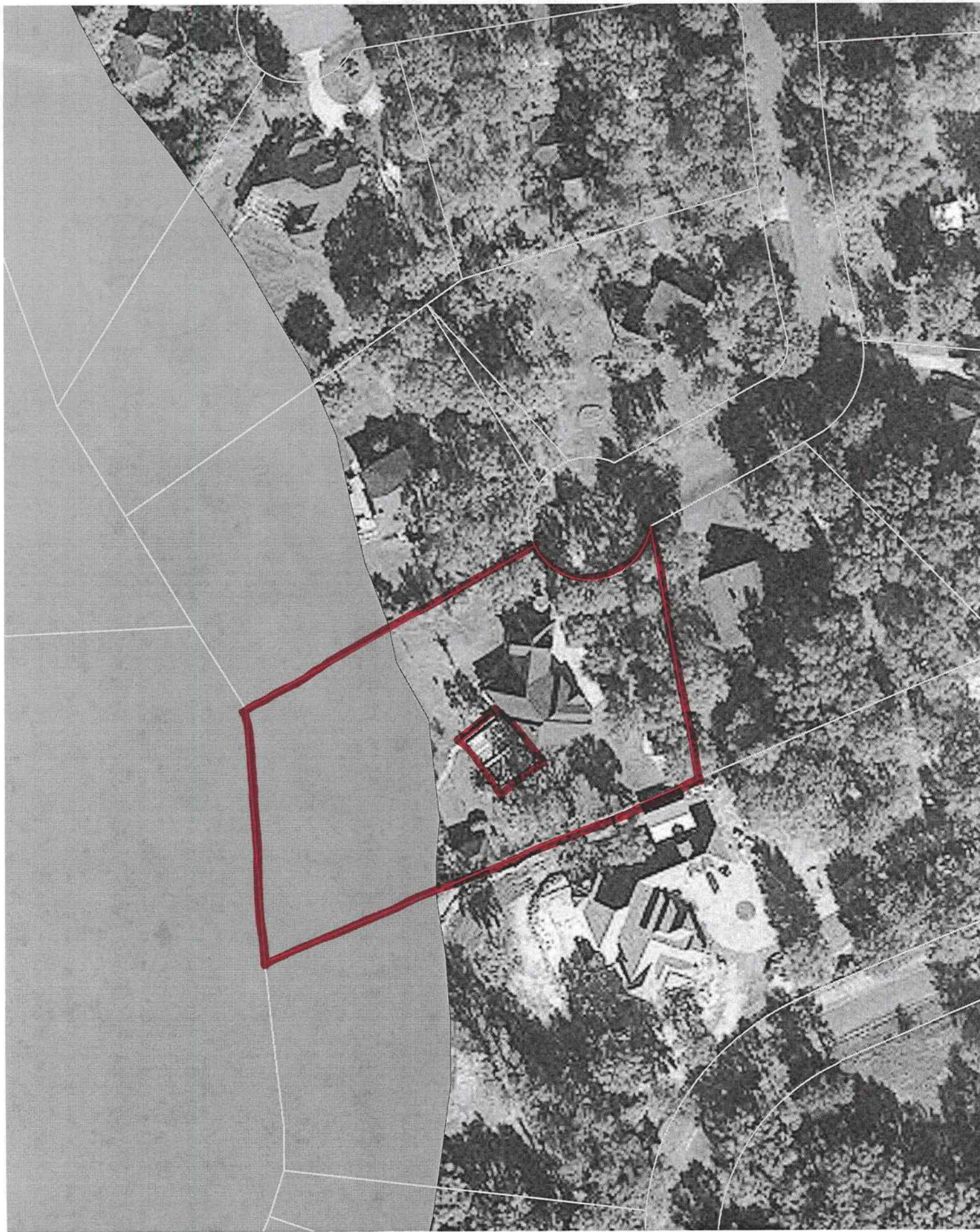
Columbia County Property Appraiser

DB Last Updated: 1/28/2010

1 of 1

DISCLAIMER

This information was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.



1003-31



Suwannee River Water Management District Flood Information Report



Zone Descriptions:

B, C, and X

Areas outside the 1-percent annual chance floodplain, areas of 1% annual chance sheet flow flooding where average depths are less than 1 foot, areas of 1% annual chance stream flooding where the contributing drainage area is less than 1 square mile, or areas protected from the 1% annual chance flood by levees. No Base Flood Elevations or depths are shown within this zone. Insurance purchase is not required in these zones.

A

Areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage. Because detailed analyses are not performed for such areas; no depths or base flood elevations are shown within these zones.

PROFILE

Date: 3/10/2010
Parcel: 23-3S-16-02272-024
County: Columbia
STR: S023 T03S R16E, S026 T03S R16E
Status: Effective

FLOOD INFORMATION

FIRM Panel: 12023C0283C
SFHA: Yes
Zone: X, A
100YR Elev (BFE): Not Available
Floodway: No
10YR Elev: Not Available
2YR Elev: Not Available

Outstanding Florida Waters: None

Note: Elevations are based on NAVD88

The Federal Emergency Management Agency (FEMA) maintains information about map features, such as street locations and names, in or near designated flood hazard areas. The information herein represents the best available data as of the effective date shown. To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the FEMA Map Service Center at 1-800-358-9616 for information on available products associated with this FIRM panel. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or copies of this map.

Requests to revise flood information in or near designated flood hazard areas may be provided to FEMA during the community review period.

LINKS

FEMA:

<http://www.fema.gov>

SRWMD:

<http://www.srwmd.state.fl.us>

CONTACT

SRWMD

9225 County Road 49
Live Oak, FL 32060

(386) 362-1001

Toll Free:

(800) 226-1066

AC# 3853553

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

SEQ# L08071200246

| DATE | BATCH NUMBER | LICENSE NBR |
|------------|--------------|-------------|
| 07/12/2008 | 080004735 | CBC047842 |

The BUILDING CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2010

CASTAGNA, JERRY JOE
CASTAGNA CONSTRUCTION INC
521 NW OLD MILL RD.
LAKE CITY FL 32055



CHARLIE CRIST
GOVERNOR

CHUCK DRAGO
INTERIM SECRETARY

DISPLAY AS REQUIRED BY LAW

DATE(MM/DD/YYYY)
3/16/2010

PRODUCER

Wiley's Insurance Inc.
483 South Marion Ave
Lake City, FL 32025
386-752-1919

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED **CASTAGNA CONSTRUCTION INC.**

521 NW OLD MILL ROAD
LAKE CITY, FL 32055
755 6867

INSURERS AFFORDING COVERAGE

NAIC#

INSURER A: **AUTO OWNERS**

INSURER 9:

INSURER C.

INSURER D:

INSURER E

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | ADD'L INFO | TYPE OF INSURANCE | POLICY NUMBER | POLICY EFFECTIVE DATE (MM/DD/YYYY) | POLICY EXPIRATION DATE (MM/DD/YYYY) | LIMITS | |
|----------|------------|--|---------------|------------------------------------|-------------------------------------|-------------------------------------|--------------|
| A | | GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC | 78636566 | 07/1/09 | 07/1/10 | EACH OCCURRENCE | \$ 1,000,000 |
| | | DAMAGE TO RENTED PREMISES (Ea occurrence) | | | | \$ 50,000 | |
| | | MED EXP (Any one person) | | | | \$ 5,000 | |
| | | PERSONAL & ADV INJURY | | | | \$ 1,000,000 | |
| | | GENERAL AGGREGATE | | | | \$ 2,000,000 | |
| | | PRODUCTS - COMP/OP AGG | | | | \$ 2,000,000 | |
| | | | | | | | |
| | | AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS | | | | COMBINED SINGLE LIMIT (Ea accident) | \$ |
| | | | | | | BODILY INJURY (Per person) | \$ |
| | | | | | | BODILY INJURY (Per accident) | \$ |
| | | | | | | PROPERTY DAMAGE (Per accident) | \$ |
| | | GARAGE LIABILITY <input type="checkbox"/> ANY AUTO | | | | AUTO ONLY - EA ACCIDENT | \$ |
| | | | | | | OTHER THAN AUTO ONLY | EA ACC \$ |
| | | | | | | AGG | \$ |
| | | EXCESS/UMBRELLA LIABILITY <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE RETENTION \$ | | | | EACH OCCURRENCE | \$ |
| | | | | | | AGGREGATE | \$ |
| | | | | | | | \$ |
| | | | | | | | \$ |
| | | | | | | | \$ |
| B | | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below OTHER | 78636911 | 7/1/2009 | 7/1/2010 | WC STATUTORY LIMITS | OTHER |
| | | E.L. EACH ACCIDENT | | | | \$ 500,000 | |
| | | E.L. DISEASE - EA EMPLOYEE | | | | \$ 100,000 | |
| | | E.L. DISEASE - POLICY LIMIT | | | | \$ 500,000 | |
| | | | | | | | |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

CERTIFICATE HOLDER

COLUMBIA CO. BUILDING DEPT.
135 NE HERNANDO AVE
LAKE CITY, FL 32055
FAX: 758-2160

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

Permit Application Number 10-0139M

PART II - SITEPLAN

[illegible]

Notes: ADDITIONAL TANK AND DRAIN FIELD GOING IN SAME PLACE AS
EXISTING OF

Site Plan submitted by: Rachel D. /

Plan Approved X

Not Approved_____

By Sally Ford - EM Director

MASTER CONTRACTOR

Date 3/25/10

County Health Department

Columbia CHD Coun

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

CERTIFICATE OF OCCUPANCY

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 26-3S-16-02272-024

Building permit No. 000028460

Use Classification ADDITION TO SFD

Fire: 0.00

Permit Holder JERRY CASTAGNA

Waste:

Owner of Building EDWIN GONZALEZ

Total: 0.00

Location: 299 NW CYPRESS COVE DR, LAKE CITY, FL 32055

Date: 10/28/2010

Harry Dickie

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)

| | | | | | |
|-----|-------|-----|----|----|-------|
| Top | chord | 2x4 | SP | #2 | Dense |
| Bot | chord | 2x4 | SP | #2 | Dense |
| | Wabs | 2x4 | SP | #3 | |

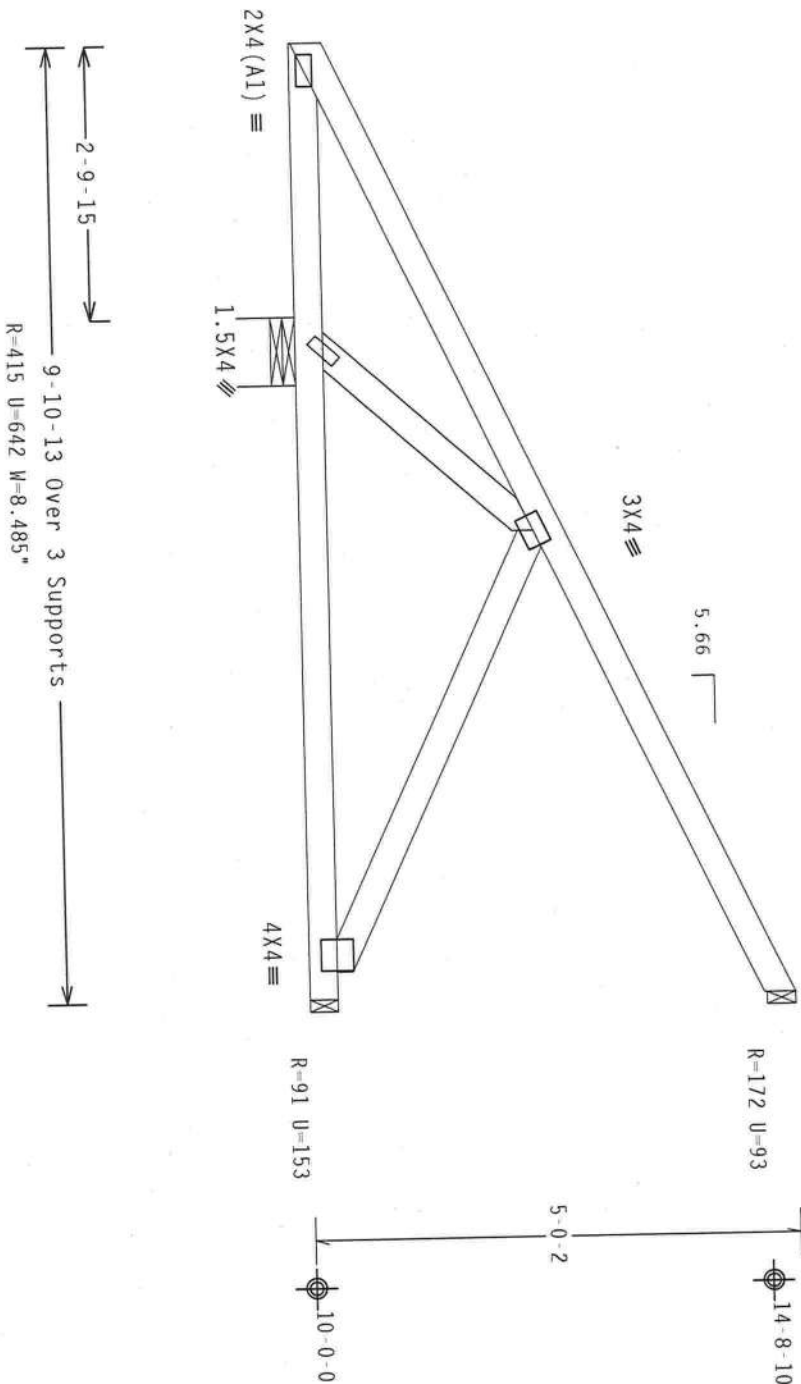
Hipjack supports 7-0-0 setback jacks with 2-0-0 cantilever one face, 2-0-0 cantilever opposite face.

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

Wind reactions based on MMFRS pressures.

Sub-fascia beam assumptions: 5-0-0 sub-fascia beam on the 2-0-0 cantilever side. 5-0-0 sub-fascia beam on the 2-0-0 cantilever side.

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



Design Crit: FBC2007Res/TP1-2002(STD)
FT/RT=10%(0%)/0(0)

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

9.02

| | | |
|-----|----|----|
| 000 | 11 | 21 |
| 100 | 4 | 7 |
| 200 | 7 | 11 |

Scale = .5" / Ft.

[illegible]

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN.

BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; AND FAILURE TO FOLLOW THE INSTRUCTIONS OF THE DESIGNER, INCLUDING SUPPLYING, INSTALLING & BRACING OF TRUSSES.

TP1; OR FABRICATING, HANDLING, SPLITTING, AND JOINING OF STEEL APPLICABLE PROVISIONS OF MD5 (NATIONAL DESIGN SPEC., BY AISC) AND TP1.

CONNECTOR PLATES ARE MADE OF 20/19/16GA (W.H/SS/K) ASTM A653 GRADE 40/60 (W. K/H,SS) GALV. STEEL. PER DRAWINGS 160A-2

UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION EACH SEAL ON THIS PLATES TO EACH FACE OF TRUSS AND, A SEAL ON THIS

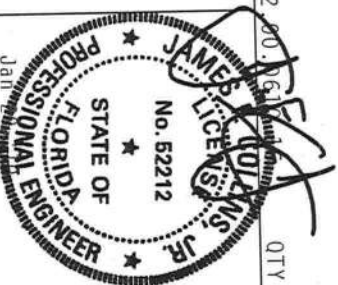
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNUAL RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL LIABILITY FOR THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

DESIGN SHOWN. THE SUBPRODUCTS ARE THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

100

ITW Building Components Group Inc.
Haines City, FL 33844
Tel. 800 440-3770



| | | | |
|----------|----------|--------|--------------------|
| TC LL | 20.0 PSF | REF | R8228- 33248 |
| TC DL | 10.0 PSF | DATE | 01/20/10 |
| BC DL | 10.0 PSF | DRW | HCU8R8228 10020033 |
| BC LL | 0.0 PSF | HC-ENG | JB/AP |
| TOT.LD. | 40.0 PSF | SEQN- | 80746 |
| DUR.FAC. | 1.25 | | |
| SPACING | 24.0" | JREF- | 1TYM8228Z03 |

| | | | | | |
|-----|-------|-----|----|----|-------|
| Top | chord | 2x4 | SP | #2 | Dense |
| Bot | chord | 2x4 | SP | #2 | Dense |
| | Wabs | 2x4 | SP | #3 | |

The following members need concentrated loads at the heel: 5-0-0 span/setback member on the 2-0-0 cant side requires 46 lbs and the 5-0-0 span/setback member on the 2-0-0 cant side requires 46 lbs.

Hipjack supports 9-0-0 setback jacks with 2-0-0 cantilever one face, 2-0-0 cantilever opposite face.

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

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

Wind reactions based on MMFRS pressures.

Sub-fascia beam assumptions: 5-0-0 sub-fascia beam on the 2-0-0 cantilever side, 5-0-0 sub-fascia beam on the 2-0-0 cantilever side.

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

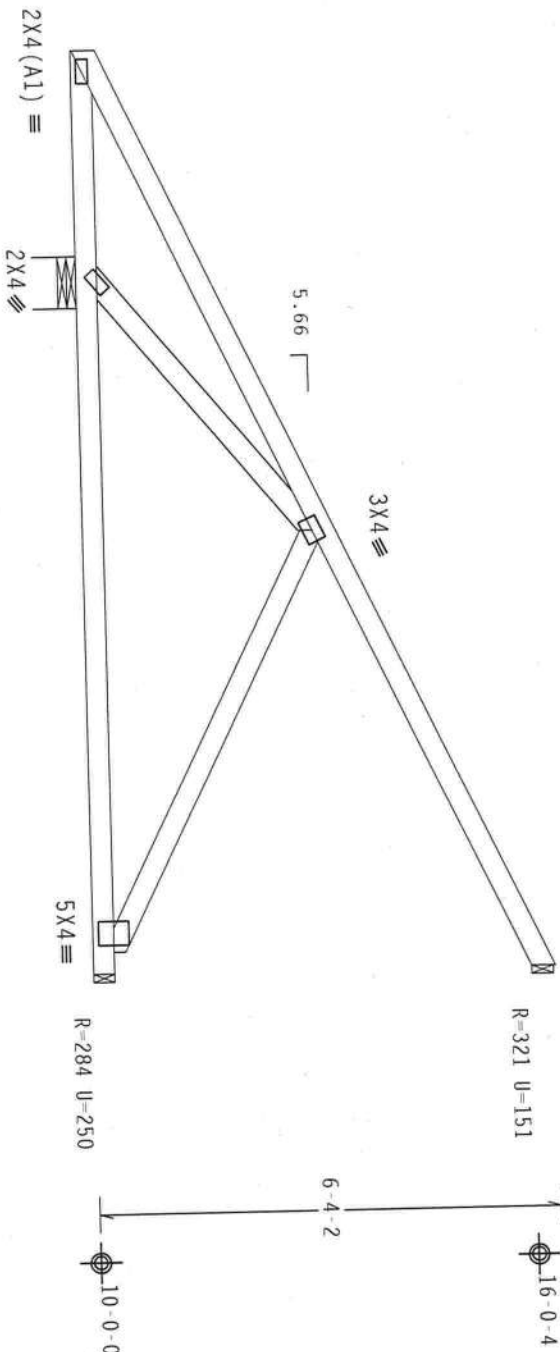


Diagram of a beam with the following dimensions and properties:

- Span: 12-8-12 Over 3 Supports
- Height: 2-9-15
- Radius: $R=565$
- Uniform Load: $U=796$
- Moment: $M=8.485"$

PLT TYP. Wave

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

9.02.00

QTY:1

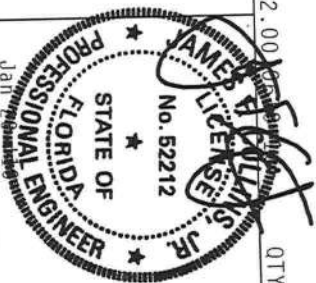
FL/-/4/-/1-/R/-

Scale = .375" / Ft.

[illegible]

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCO, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE FOLLOWING HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

TYPE OF FABRICATION: CONCRETE
DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF MODIFICATION DESIGN SPEC. (BY AIR/SEA/55) GALT, STEEL, APPL. 10/15/2007
DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF MODIFICATION DESIGN SPEC. (BY AIR/SEA/55) GALT, STEEL, APPL. 10/15/2007
CONDUCTOR PLATES ARE MADE OF 20/10/166A (R/US/55) ASTM A563 GRADE 40/60 (A/SEA/55) GALT, STEEL, APPL. 10/15/2007
CONDUCTOR PLATES ARE MADE OF 20/10/166A (R/US/55) ASTM A563 GRADE 40/60 (A/SEA/55) GALT, STEEL, APPL. 10/15/2007
PLATES TO EACH FACE OF THUSER AND THESE OTHERS LOCATED ON THIS DESIGN, POSITIONING PER DRAWINGS 100-2
PLATES TO EACH FACE OF THUSER AND THESE OTHERS LOCATED ON THIS DESIGN, POSITIONING PER DRAWINGS 100-2
AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF 10/15/2007 SEC. 3.
AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF 10/15/2007 SEC. 3.
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE THUSER CORPORATION
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE THUSER CORPORATION
THIS DESIGN, POSITIONING PER DRAWINGS 100-2
THIS DESIGN, POSITIONING PER DRAWINGS 100-2
BUILDING DESIGNER PER ANSI/FP1 1 SEC. 2.
BUILDING DESIGNER PER ANSI/FP1 1 SEC. 2.

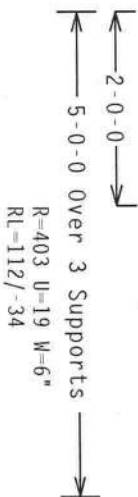


| FL/-4/-/-R/- | | Scale = .3/5" / ft. |
|--------------|----------|------------------------|
| TC LL | 20.0 PSF | REF R8228- 33249 |
| TC DL | 10.0 PSF | DATE 01/20/10 |
| BC DL | 10.0 PSF | DRW HCU5R8228 10020034 |
| BC LL | 0.0 PSF | HC-ENG JB/AP |
| TOT. LD. | 40.0 PSF | SEQN- 80834 |
| DUR. FAC. | 1.25 | |
| SPACING | 24.0" | JREF- 1TYM8228Z03 |

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. $I_w=1.00$ Gcp1 (+/-)=0.18

Wind reactions based on MMFRS pressures.

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



Scale = .5"/Ft.

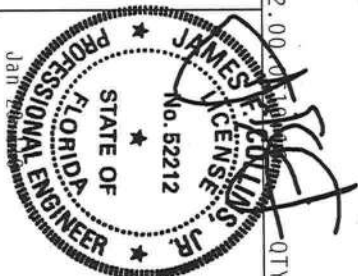
James F. Collins, Jr.
No. 52212
LICENSE
No. 218
6300
LESS
HAVE

****IMPORTANT*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT

ITW Building Components Group Inc.

Haines City, FL 33844

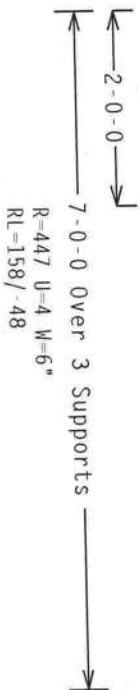
DRAWING INDICATE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THE STRUCTURE. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2.



| FL/-4/-/-/R/- | | Scale=.5"/Ft. |
|---------------|----------|-------------------------|
| TC LL | 20.0 PSF | REF R8228- 33250 |
| TC DL | 10.0 PSF | DATE 01/20/10 |
| BC DL | 10.0 PSF | DRW HCURSR8228 10020035 |
| BC LL | 0.0 PSF | HC-ENG JB/AP |
| TOT.LD. | 40.0 PSF | SEQN- 80737 |
| DUR.FAC. | 1.25 | |
| SPACING | 24.0" | JREF- 1TYM8228Z03 |

| | Top | chord | 2x4 | SP | #2 | Dense |
|-----|-------|-------|-----|----|-------|-------|
| Bot | chord | 2x4 | SP | #2 | Dense | |
| | Webb | 2x4 | SP | #3 | | |

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1w=1.00 GCpi(+/-)=0.18


$$FT/RT=10\%(0\%)/0(0)$$
[illegible]

****IMPORTANT*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE TO BUILD THE TUBS IN COMPLIANCE WITH

[illegible]

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE AISC STEEL CONSTRUCTION MANUAL. CONDUCTOR PLATES ARE MADE OF 20/10/166A (U./H./SS./X) ASTM A553 GRADE 40/60 (U./K./H./SS.) GALV. STEEL. APPLICABLE TO EACH END OF BUSH AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.

PLATES TO EACH OF THE TROSS COMPONENTS. A SEAL ON THE ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP11/2002 SEC.3, ENGINEERING RESPONSIBILITY SOLELY FOR THE TROSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL RESPONSIBILITY OF THE DRAWING ENGINEER, RELYING ON THE RESPONSIBILITY OF THE

DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

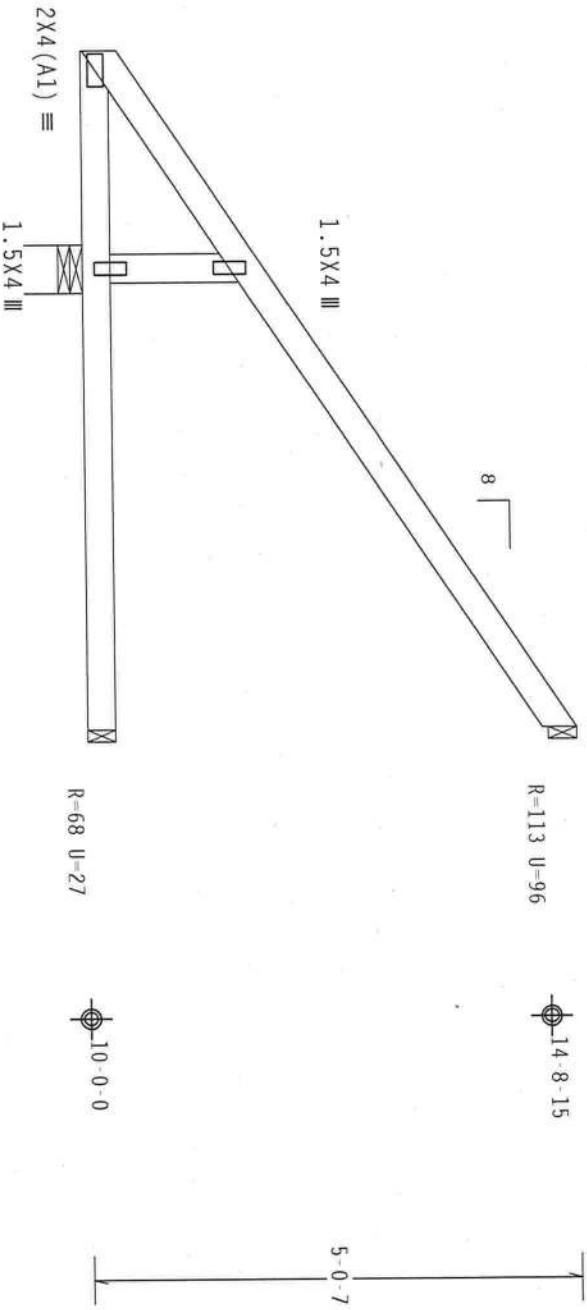
[illegible]

| | | |
|--------------------|----------|-----------------------|
| :14 FL/-/4/-/-/R/- | | Scale =.5"/Ft. |
| TC LL | 20.0 PSF | REF R8228 - 33251 |
| TC DL | 10.0 PSF | DATE 01/20/10 |
| BC DL | 10.0 PSF | DRW HCUR8228 10020036 |
| BC LL | 0.0 PSF | HC-ENG JB/AP |
| TOT.LD. | 40.0 PSF | SEQN- 80742 |
| DUR.FAC. | 1.25 | |
| SPACING | 24.0" | JREF- 1TYM8228Z03 |

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

Bottom chord checked for 10.00 psf non-concurrent live load.
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI (+/-)=0.18
Wind reactions based on MWFRS pressures.
Provide { 2 } 16d common nails (0.162"x3.5"), toe nailed at Top chord. Provide { 2 } 16d common nails (0.162"x3.5"), toe nailed at Bot chord.



2-0-0 Over 3 Supports
R=447 U=4 W=6"
RL=158/-48

PLT TYP. Wave

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

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APPLY CONNECTOR PLATES ARE INDICATED 2x4 TO 2x4 OR 2x6 TO 2x6 OR 2x8 TO 2x8 OR 2x10 TO 2x10 OR 2x12 TO 2x12 OR 2x14 TO 2x14 OR 2x16 TO 2x16 OR 2x18 TO 2x18 OR 2x20 TO 2x20 OR 2x22 TO 2x22 OR 2x24 TO 2x24 OR 2x26 TO 2x26 OR 2x28 TO 2x28 OR 2x30 TO 2x30 OR 2x32 TO 2x32 OR 2x34 TO 2x34 OR 2x36 TO 2x36 OR 2x38 TO 2x38 OR 2x40 TO 2x40 OR 2x42 TO 2x42 OR 2x44 TO 2x44 OR 2x46 TO 2x46 OR 2x48 TO 2x48 OR 2x50 TO 2x50 OR 2x52 TO 2x52 OR 2x54 TO 2x54 OR 2x56 TO 2x56 OR 2x58 TO 2x58 OR 2x60 TO 2x60 OR 2x62 TO 2x62 OR 2x64 TO 2x64 OR 2x66 TO 2x66 OR 2x68 TO 2x68 OR 2x70 TO 2x70 OR 2x72 TO 2x72 OR 2x74 TO 2x74 OR 2x76 TO 2x76 OR 2x78 TO 2x78 OR 2x80 TO 2x80 OR 2x82 TO 2x82 OR 2x84 TO 2x84 OR 2x86 TO 2x86 OR 2x88 TO 2x88 OR 2x90 TO 2x90 OR 2x92 TO 2x92 OR 2x94 TO 2x94 OR 2x96 TO 2x96 OR 2x98 TO 2x98 OR 2x100 TO 2x100 OR 2x102 TO 2x102 OR 2x104 TO 2x104 OR 2x106 TO 2x106 OR 2x108 TO 2x108 OR 2x110 TO 2x110 OR 2x112 TO 2x112 OR 2x114 TO 2x114 OR 2x116 TO 2x116 OR 2x118 TO 2x118 OR 2x120 TO 2x120 OR 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2x1308 OR 2x1310 TO 2x1310 OR 2x1312 TO 2x1312 OR 2x1314 TO 2x1314 OR 2x1316 TO 2x1316 OR 2x1318 TO 2x1318 OR 2x1320 TO 2x1320 OR 2x1322 TO 2x1322 OR 2x1324 TO 2x1324 OR 2x1326 TO 2x1326 OR 2x1328 TO 2x1328 OR 2x1330 TO 2x1330 OR 2x1332 TO 2x1332 OR 2x1334 TO 2x1334 OR 2x1336 TO 2x1336 OR 2x1338 TO 2x1338 OR 2x1340 TO 2x1340 OR 2x1342 TO 2x1342 OR 2x1344 TO 2x1344 OR 2x1346 TO 2x1346 OR 2x1348 TO 2x1348 OR 2x1350 TO 2x1350 OR 2x1352 TO 2x1352 OR 2x1354 TO 2x1354 OR 2x1356 TO 2x1356 OR 2x1358 TO 2x1358 OR 2x1360 TO 2x1360 OR 2x1362 TO 2x1362 OR 2x1364 TO 2x1364 OR 2x1366 TO 2x1366 OR 2x1368 TO 2x1368 OR 2x1370 TO 2x1370 OR 2x1372 TO 2x1372 OR 2x1374 TO 2x1374 OR 2x1376 TO 2x1376 OR 2x1378 TO 2x1378 OR 2x1380 TO 2x1380 OR 2x1382 TO 2x1382 OR 2x1384 TO 2x1384 OR 2x1386 TO 2x1386 OR 2x1388 TO 2x1388 OR 2x1390 TO 2x1390 OR 2x1392 TO 2x1392 OR 2x1394 TO 2x1394 OR 2x1396 TO 2x1396 OR 2x1398 TO 2x1398 OR 2x1400 TO 2x1400 OR 2x1402 TO 2x1402 OR 2x1404 TO 2x1404 OR 2x1406 TO 2x1406 OR 2x1408 TO 2x1408 OR 2x1410 TO 2x1410 OR 2x1412 TO 2x1412 OR 2x1414 TO 2x1414 OR 2x1416 TO 2x1416 OR 2x1418 TO 2x1418 OR 2x1420 TO 2x1420 OR 2x1422 TO 2x1422 OR 2x1424 TO 2x1424 OR 2x1426 TO 2x1426 OR 2x1428 TO 2x1428 OR 2x1430 TO 2x1430 OR 2x1432 TO 2x1432 OR 2x1434 TO 2x1434 OR 2x1436 TO 2x1436 OR 2x1438 TO 2x1438 OR 2x1440 TO 2x1440 OR 2x1442 TO 2x1442 OR 2x1444 TO 2x1444 OR 2x1446 TO 2x1446 OR 2x1448 TO 2x1448 OR 2x1450 TO 2x1450 OR 2x1452 TO 2x1452 OR 2x1454 TO 2x1454 OR 2x1456 TO 2x1456 OR 2x1458 TO 2x1458 OR 2x1460 TO 2x1460 OR 2x1462 TO 2x1462 OR 2x1464 TO 2x1464 OR 2x1466 TO 2x1466 OR 2x1468 TO 2x1468 OR 2x1470 TO 2x1470 OR 2x1472 TO 2x1472 OR 2x1474 TO 2x1474 OR 2x1476 TO 2x1476 OR 2x1478 TO 2x1478 OR 2x1480 TO 2x1480 OR 2x1482 TO 2x1482 OR 2x1484 TO 2x1484 OR 2x1486 TO 2x1486 OR 2x1488 TO 2x1488 OR 2x1490 TO 2x1490 OR 2x1492 TO 2x1492 OR 2x1494 TO 2x1494 OR 2x1496 TO 2x1496 OR 2x1498 TO 2x1498 OR 2x1500 TO 2x1500 OR 2x1502 TO 2x1502 OR 2x1504 TO 2x1504 OR 2x1506 TO 2x1506 OR 2x1508 TO 2x1508 OR 2x1510 TO 2x1510 OR 2x1512 TO 2x1512 OR 2x1514 TO 2x1514 OR 2x1516 TO 2x1516 OR 2x1518 TO 2x1518 OR 2x1520 TO 2x1520 OR 2x1522 TO 2x1522 OR 2x1524 TO 2x1524 OR 2x1526 TO 2x1526 OR 2x1528 TO 2x1528 OR 2x1530 TO 2x1530 OR 2x1532 TO 2x1532 OR 2x1534 TO 2x1534 OR 2x1536 TO 2x1536 OR 2x1538 TO 2x1538 OR 2x1540 TO 2x1540 OR 2x1542 TO 2x1542 OR 2x1544 TO 2x1544 OR 2x1546 TO 2x1546 OR 2x1548 TO 2x1548 OR 2x1550 TO 2x1550 OR 2x1552 TO 2x1552 OR 2x1554 TO 2x1554 OR 2x1556 TO 2x1556

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

Calculated horizontal deflection is 0.23" due to live load and 0.25" due to dead load.

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

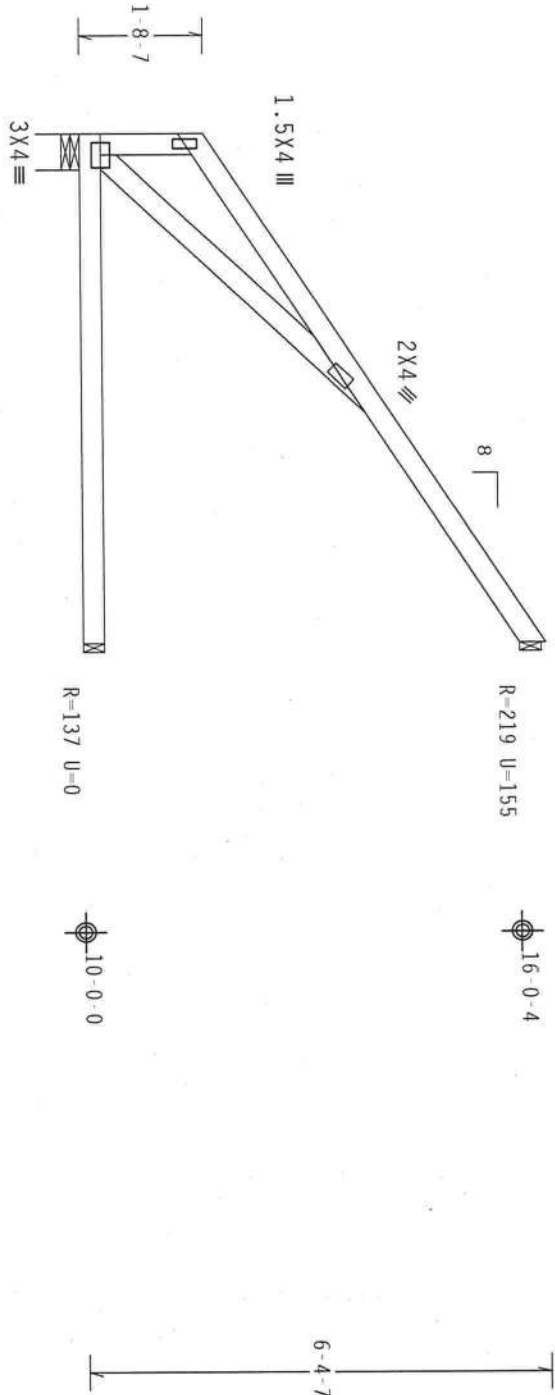
Provide (2) 16d common nails (0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails (0.162"x3.5"), toe nailed at Bot chord.

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. W=1.00 GCPI(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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



7-0-0 Over 3 Supports
R=294 U=0 W=6"
RL=158/-48

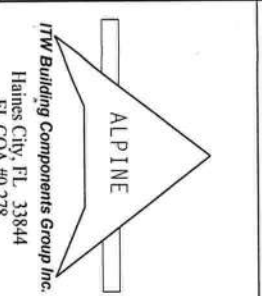
PLT TYP. Wave

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

9.02 00.16

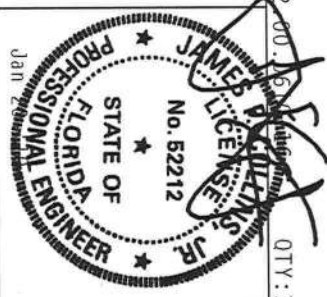
QTY: 1 FL/-/4/-/-/R/-

Scale = .375"/Ft.



****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, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (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. THE 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. BY APPROVAL AND TPI. THE BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF ASCE 7-05, WITH A53 GRADE 40/60 (W, K/H/55) GALV. STEEL. APPLY TO ALL TRUSSES AND JOISTS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWS BY (1) SHALL BE PER APPROX 43 OF TPI-2002 SEC.3. 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.



| | | | |
|----------|----------|--------|--------------------|
| TC LL | 20.0 PSF | REF | R8228- 33253 |
| TC DL | 10.0 PSF | DATE | 01/20/10 |
| BC DL | 10.0 PSF | DRW | HCUSR8228 10020028 |
| BC LL | 0.0 PSF | HC-ENG | JB/AP |
| TOT.LD. | 40.0 PSF | SEQN- | 80866 |
| DUR.FAC. | 1.25 | | |
| SPACING | 24.0" | JREF- | 1TYM8228Z03 |

| Special loads | |
|---------------|--------------------------------------|
| ----- (Lumber | Dur.Fac.=1.25 / Plate Dur.Fac.=1.25) |
| TC - From | 64 pif at 0.00 to 64 pif at 2.00 |
| TC - From | 64 pif at 2.00 to 64 pif at 6.50 |

| Species | (Lumber | Dur. | Fac.=1.25 / | Plate | Dur. | Fac.=1.25) |
|-----------|-----------|---------|-------------|-------|------|------------|
| TC - From | 64 pif at | 0.00 to | 64 pif at | 2.00 | | |
| TC - From | 64 pif at | 2.00 to | 64 pif at | 6.50 | | |
| TC - From | 64 pif at | 6.50 to | 64 pif at | 8.50 | | |
| BC - From | 4 pif at | 0.00 to | 4 pif at | 8.50 | | |

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

MMFRS loads based on trusses located at least 10.52 ft. from roof edge.

MMFRS loads based on trusses located at least 10.52 ft. from roof edge.



9.02.00: ~~FL/-/4/-/-/R/-~~

Scale = .5"/ft.


 JAMES E. JOHNSON
 No. 52212
 JR.

★

STATE OF ...

RODENT FLORIDA FREE



1995

1. *Journal of the American Medical Association*, 1997; 277: 1001-1005.

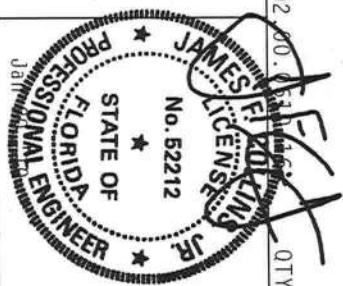
| | | |
|--------|-------------|--------|
| REF | R8228 | 33254 |
| DATE | 01/20/10 | |
| DRW | HCUSR8228 | 100200 |
| HC-ENG | JB/AP | |
| SEQN- | 81005 | |
| JREF- | 1TYM8228203 | |

Refer to DWG PB1200109 for piggyback details.

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

[illegible]

BUILDING DESIGNER PER ANSI/HP1 1 SEC. 2.



| | | | |
|----------|----------|--------|--------------------|
| TC LL | 20.0 PSF | REF | R8228 - 33255 |
| TC DL | 10.0 PSF | DATE | 01/20/10 |
| BC DL | 10.0 PSF | DRW | HCUSR8228 10020039 |
| BC LL | 0.0 PSF | HC-ENG | JB/AP |
| TOT.LD. | 40.0 PSF | SEQN - | 81008 |
| DUR.FAC. | 1.25 | | |
| SPACING | 24.0" | JREF - | 1TYM8228Z03 |

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.

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 | ALTERNATIVE T OR L-BRACE | 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.

****WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET**
Tensues require extreme care in fabricating

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.

responsibility of the Building Designer per ANSI/TPI 1, Sec. 2.
 TPI-BC: www.tpi-abc.com; TPI: www.tpi-usa.com; ICC: www.iccsafe.org
 TPI-BC: www.tpi-abc.com; TPI: www.tpi-usa.com; ICC: www.iccsafe.org



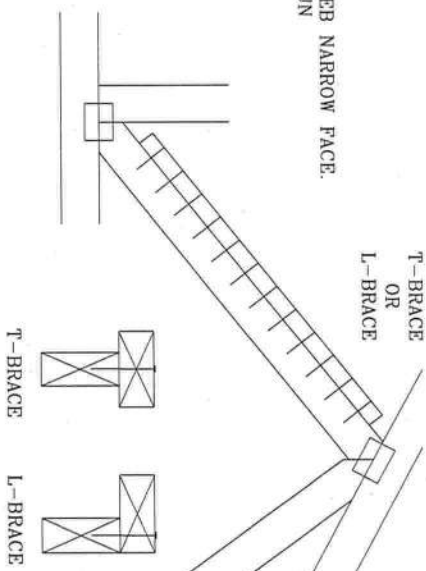
Building Components Group Inc.

Building Components Group Inc

Earth City, MO 63045

T-BRACING
OR
L-BRACING:

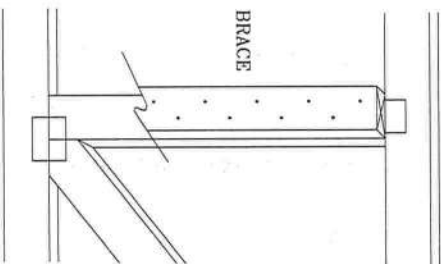
APPLY TO EITHER SIDE OF WEB NARROW FACE
ATTACH WITH 10d BOX OR GUN
(0.126" x .3", MIN) NAILS.
AT 6" O.C.
BRACE IS A
MINIMUM 80% OF WEB
MEMBER LENGTH



SCAB BRACING:

APPLY SCARBS) TO WIDE FACE OF WEB
NO MORE THAN (1) SCAB PER FACE.
ATTACH WITH 10d BOX OR GUN
(0.128" x 3.3" MIN) NAILS.
AT 6" O.C.
BRACE IS A MINIMUM
80% OF WEB MEMBER LENGTH

SCAB BRACE



JAMES F. COLLINS, JR.
LICENSE
Jan 30 No. 52212

21270-01 02 11P3103

STATE OF /

| | | | |
|-----------|-----|------|--------------|
| 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 | | | |

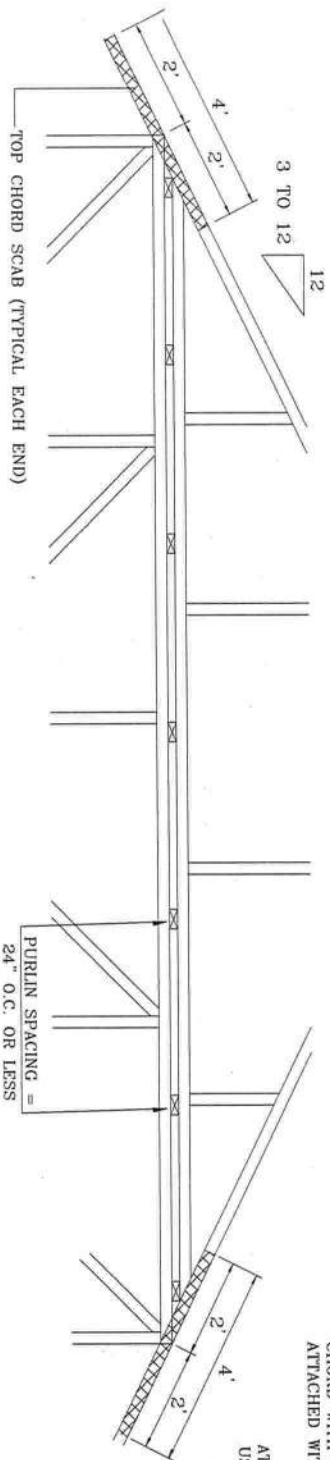
120 PIGGYBACK DETAIL

UP TO 120 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-02 OR ASCE 7-05, ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND DL=5.0 PSF KZT=1.0.

NOTE: TOP CHORDS OF TRUSSES SUPPORTING PIGGYBACK CAP TRUSSES MUST BE ADEQUATELY BRACED BY SHEATHING OR PURLINS. THE BUILDING ENGINEER OF RECORD SHALL PROVIDE DIAGONAL BRACING, LATERAL BRACING FOR OUT OF PLANE LOADS OVER GABLE ENDS, OR OTHER SUITABLE ANCHORAGE TO PERMANENTLY RESTRAIN PURLINS.

MAXIMUM TRUSS SPACING IS 24" O.C. DETAIL IS NOT APPLICABLE IF CAP SUPPORTS ADDITIONAL LOADS SUCH AS CUPOLA, STEEPLE, CHIMNEY OR DRAG STRUT LOADS.

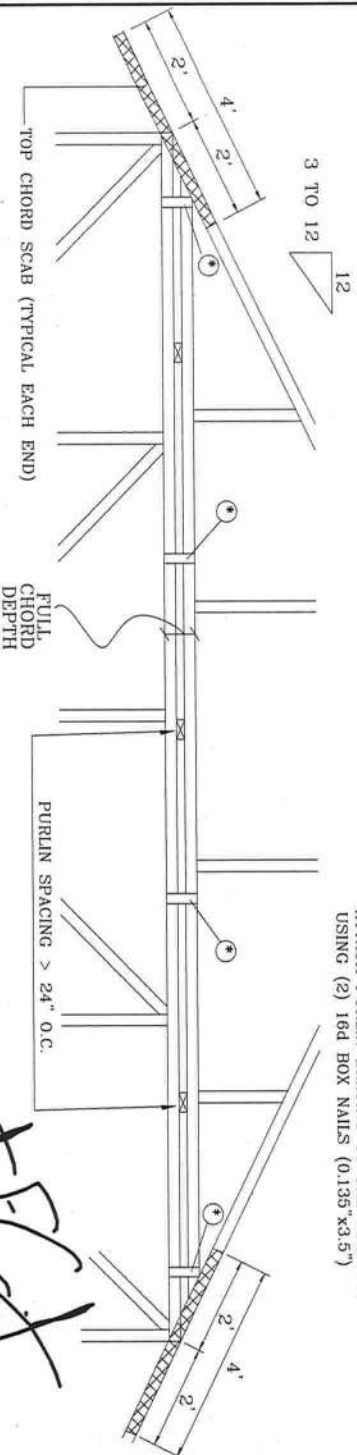
DETAIL A : PURLIN SPACING = 24" O.C. OR LESS



PIGGYBACK CAP TRUSS SLANT NAILED TO ALL TOP CHORD PURLIN BRACING WITH (2) 16d BOX NAILS (0.135"x3.5") AND SECURE TOP CHORD WITH 2x4 #3 GRADE SCAB (1 SIDE ONLY AT EACH END) ATTACHED WITH 2 ROWS OF 10d BOX NAILS (0.128"x3.0") AT 4" O.C.

ATTACH PURLIN BRACING TO THE FLAT TOP CHORD USING (2) 16d BOX NAILS (0.135"x3.5")

DETAIL B : PURLIN SPACING > 24" O.C.



PIGGYBACK CAP TRUSS SLANT NAILED TO ALL TOP CHORD PURLIN BRACING WITH (2) 16d BOX NAILS (0.135"x3.5") AND SECURE TOP CHORD WITH 2x4 #3 GRADE SCAB (1 SIDE ONLY AT EACH END) ATTACHED WITH 2 ROWS OF 10d BOX NAILS (0.128"x3.0") AT 4" O.C.

ATTACH PURLIN BRACING TO THE FLAT TOP CHORD USING (2) 16d BOX NAILS (0.135"x3.5")

* IN ADDITION, PROVIDE CONNECTION WITH ONE OF THE FOLLOWING METHODS:

TRUJOX
USE 3x8 TRUJOX PLATES FOR 2x4 CHORD MEMBER, AND 3x10 TRUJOX PLATES FOR 2x6 AND LARGER CHORD MEMBERS. ATTACH TO EACH FACE @ 8" O.C. WITH (4) 0.120"x1.375" NAILS INTO CAP BOTTOM CHORD AND (4) IN BASE TRUSS TOP CHORD. TRUJOX PLATES MAY BE STAGGERED 4" O.C. FRONT TO BACK FACES.

PLYWOOD GUSSET
8"x8"x1/2" RATED SHEATHING GUSSETS (EACH FACE) ATTACH @ 8" O.C. WITH (3) 16d COMMON (0.135"x3.5") NAILS PER GUSSET. (4) IN CAP GUSSETS MAY BE IN BASE TRUSS TOP CHORD. GUSSETS MAY BE STAGGERED 4" O.C. FRONT TO BACK FACES.

2x4 VERTICAL SCABS
2x4 SP#2, FULL CHORD DEPTH SCABS @ 8" O.C. EACH FACE. STAGGERED 4" O.C. ATTACH WITH (3) 10d BOX NAILS (0.128"x3") INTO BOTH CHORDS (TOTAL OF 6 NAILS PER SCAB).

28PB WAVE PIGGYBACK PLATE
ONE 28PB WAVE PIGGYBACK PLATE TO EACH FACE @ 8" O.C. ATTACH TEETH TO PIGGYBACK AT TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120"x1.375" NAILS PER FACE PER PLY. PIGGYBACK PLATES MAY BE STAGGERED 4" O.C. FRONT TO BACK FACES.

NOTE: IF PURLINS OR SHEATHING ARE NOT SPECIFIED ON THE FLAT TOP OF THE BASE TRUSS, PURLINS MUST BE INSTALLED AT 24" O.C. MAX. AND USE DETAIL A

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 WTC) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCS. Trusses not properly braced and installed shall have properly attached for permanent lateral restraint of webs shall have bracing installed per BCS sections B6 & B7. See this job's general notes page for more information.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.

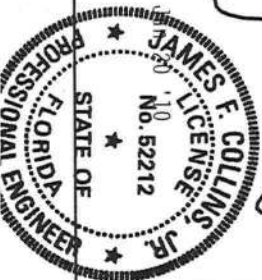
ITW Building Components Group Inc. (ITWBC) shall not be responsible for any deviation from this design, any failure to build the truss in conformance with TPI, or fabricating, handling, shipping, installing and bracing of trusses. ITWBC connector plates are made of 20/10/100A (A1/2/1/3) galv steel, apply plates to the truss in conformance with the design shown above and on joint details. ITWBC 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 and bracing of trusses. The suitability and use of this component for any building is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2.

ITW-BGC: www.itwbcg.com; TPI: www.tpiinc.com; WTC: www.abcdindustry.com; ICC: www.iccsafe.org



Building Components Group Inc.

Earth City, MO 63045



| REF | PIGGYBACK |
|---------|-----------|
| DATE | 10/01/09 |
| DRWG | PB1201009 |
| SPACING | 24.0" |

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: ITYM8228Z0320140732

Truss Fabricator: Anderson Truss Company
Job Identification: 10-014--Fill in later JERRY CASTAGNA -- , **
Truss Count: 19
Model Code: Florida Building Code 2007 and 2009 Supplement
Truss Criteria: FBC2007Res/TPI-2002(STD)
Engineering Software: Alpine Software, Version 9.02.
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: HCUSR8228

Details: BRCLBSUB-PB120-



Seal Date: 01/20/2010

-Truss Design Engineer-
James F. Collins Jr.

Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

| # | Ref | Description | Drawing# | Date |
|----|--------------|-------------|----------|----------|
| 1 | 33237--H7A | | 10020029 | 01/20/10 |
| 2 | 33238--H9A1 | | 10020046 | 01/20/10 |
| 3 | 33239--H11A1 | | 10020040 | 01/20/10 |
| 4 | 33240--H13A1 | | 10020041 | 01/20/10 |
| 5 | 33241--H15A | | 10020042 | 01/20/10 |
| 6 | 33242--H9A | | 10020043 | 01/20/10 |
| 7 | 33243--H11A | | 10020044 | 01/20/10 |
| 8 | 33244--H13A | | 10020045 | 01/20/10 |
| 9 | 33245--B | | 10020030 | 01/20/10 |
| 10 | 33246--M | | 10020031 | 01/20/10 |
| 11 | 33247--CJ3 | | 10020032 | 01/20/10 |
| 12 | 33248--HJ7 | | 10020033 | 01/20/10 |
| 13 | 33249--HJ9 | | 10020034 | 01/20/10 |
| 14 | 33250--CJ5 | | 10020035 | 01/20/10 |
| 15 | 33251--EJ7 | | 10020036 | 01/20/10 |
| 16 | 33252--CJ7 | | 10020037 | 01/20/10 |
| 17 | 33253--EJ9 | | 10020028 | 01/20/10 |
| 18 | 33254--AP1 | | 10020038 | 01/20/10 |
| 19 | 33255--AP2 | | 10020039 | 01/20/10 |



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 D1=5.0 psf, wind BC D1=5.0 psf, $I_w=1.00$ GCDF (+/-)=0.18

Wind reactions based on MMFRS pressures.
#1 hip supports 7-0-0 jacks W/2 panel TC and no end vert.
Deflection meets L/240 live and L/180 total load.

Scale = .1875"/Ft.

James J. Collins, Jr.
No. 52212

****IMPORTANT*** TURN IN A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH

.....

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.5 OF 1911-2002 SEC. 3. A STATE OF THE
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.

| | | |
|------------------|----------|-----------------------|
| 1 FL/-/4/-/-/R/- | | Scale = .1875"/F.t. |
| TC LL | 20.0 PSF | REF R8228 - 33237 |
| TC DL | 10.0 PSF | DATE 01/20/10 |
| BC DL | 10.0 PSF | DRW HCUR8228 10020020 |
| BC LL | 0.0 PSF | HC-ENG JB/AP |
| TOT. LD. | 40.0 PSF | SEQN - 80956 |
| DUR. FAC. | 1.25 | |
| SPACING | 24.0" | JREF - 1TYM8228Z03 |

110 mph wind, 15.45 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP C, wind TD DL=5.0 psf, wind BC DL=5.0 psf, 1w=1.00 gcpi (+/-)=0.18

(A) Continuous lateral bracing equally spaced on member.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Deflection meets L/240 live and L/180 total load.




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

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

Scale = .1875"/Ft.

James S. Lee, Jr.
No. 5222



Haines City, FL 33844
FL COA #0278

[illegible]

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 52212
J. H. COLLINS
JAN 20 10

| | | | |
|----------|----------|--------|-------------------|
| TC LL | 20.0 PSF | REF | R8228- 33238 |
| TC DL | 10.0 PSF | DATE | 01/20/10 |
| BC DL | 10.0 PSF | DRW | HCSR8228 10020046 |
| BC LL | 0.0 PSF | HC-ENG | JB/AP |
| TOT.LD. | 40.0 PSF | SEQN- | 80994 |
| DUR.FAC. | 1.25 | | |
| SPACING | 24.0" | JREF- | 1TYM8228Z03 |

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

(A) Continuous lateral bracing equally spaced on member.

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

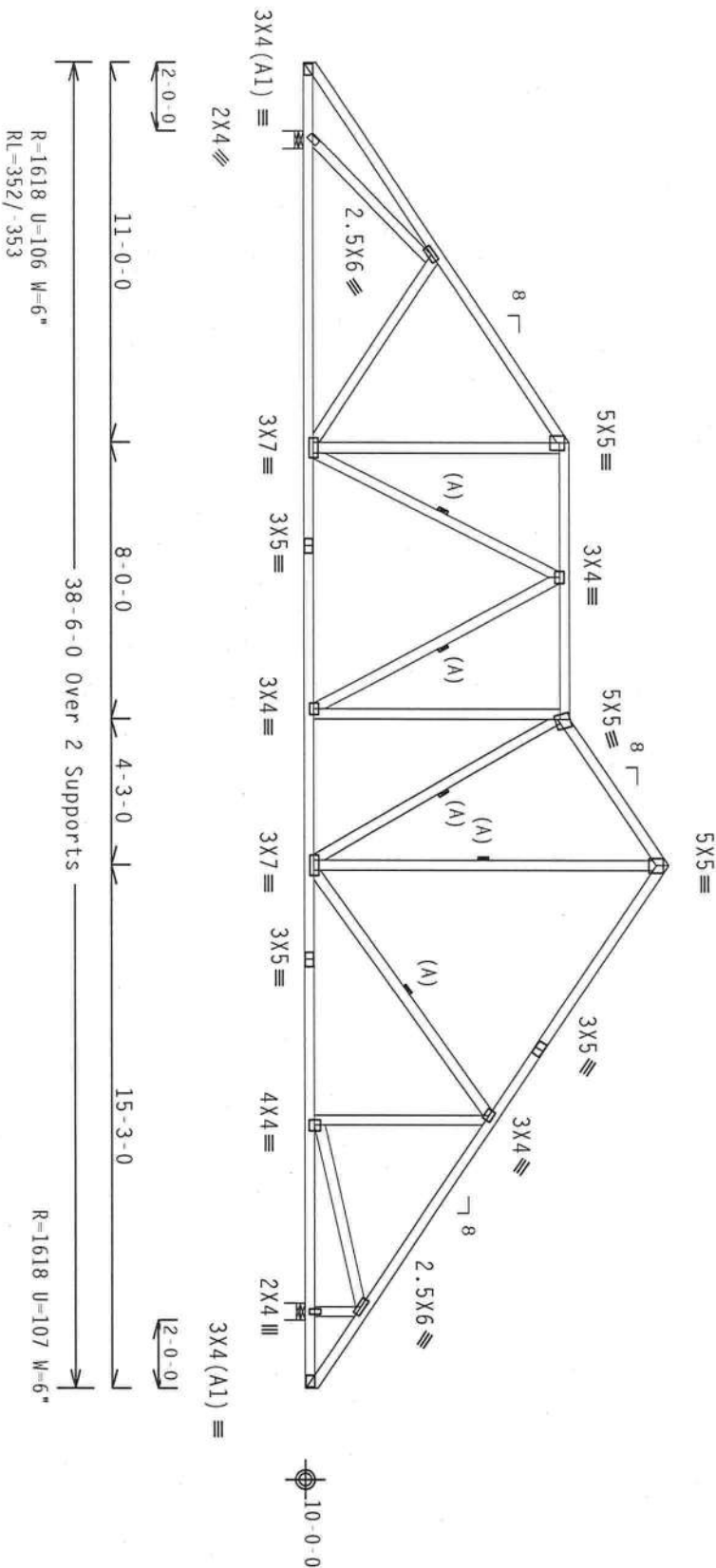
MMFRS loads based on trusses located at least 15.45 ft. from roof edge.

110 mph wind, 15.45 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. 1w=1.00 GCpl(+/-)-0.18

Wind reactions based on MMFRS pressures.

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

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



PLT TYP. Wave

Design Cr1t: FBC2007Res/TPI-2002(STD)

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

9.02.00

QTY:1

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

Scale = .1875"/ft.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0278

****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, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6500 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. TPI REG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ITW REG. DESIGNS CONFORMS WITH APPLICABLE PROVISIONS OF THE INTERNATIONAL DESIGN SPEC. BY AIA/ASA AND TPI. ITW REG. CONSTRUCTION PLATES ARE MADE OF 20/19/1664 (N/A/SS/7) ASTM A653 GRADE 40/60 (4, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. 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.



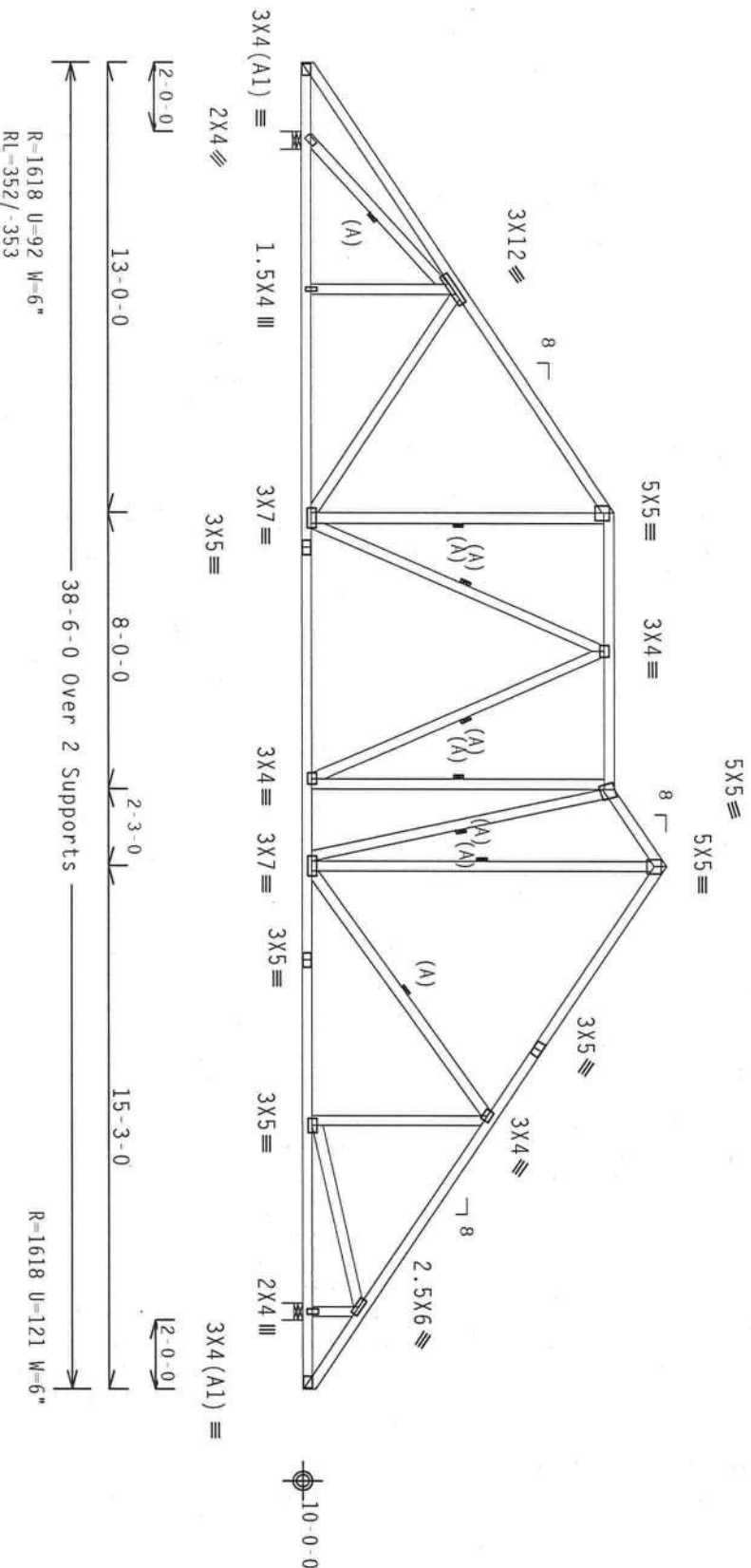
| TC LL | 20.0 PSF | REF | R8228-33239 |
|-----------|----------|--------|-------------------|
| TC DL | 10.0 PSF | DATE | 01/20/10 |
| BC DL | 10.0 PSF | DRW | HCSR8228 10020040 |
| BC LL | 0.0 PSF | HC-ENG | JB/AP |
| TOT. LD. | 40.0 PSF | SEQN | 80887 |
| DUR. FAC. | 1.25 | | |
| SPACING | 24.0" | JREF | 1TYM8228Z03 |

110 mph wind, 15.45 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. $I_w=1.00$ GCPI (+/-)=0.18

Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non concurrent live load.

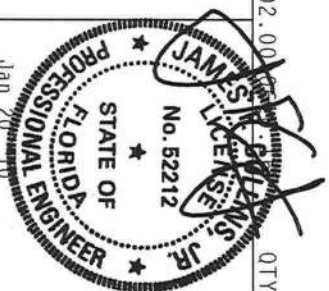
Deflection meets $L/240$ live and $L/180$ total load.



Scale = .1875"/Ft.



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

[illegible]

| | | | |
|----------|----------|--------|--------------------|
| TC LL | 20.0 PSF | REF | R8228- 33240 |
| TC DL | 10.0 PSF | DATE | 01/20/10 |
| BC DL | 10.0 PSF | DRW | HCUSR8228 10020041 |
| BC LL | 0.0 PSF | HC-ENG | JB/AP |
| TOT.LD. | 40.0 PSF | SEQN- | 80900 |
| DUR.FAC. | 1.25 | | |
| SPACING | 24.0" | JREF- | 1TYM8228Z03 |

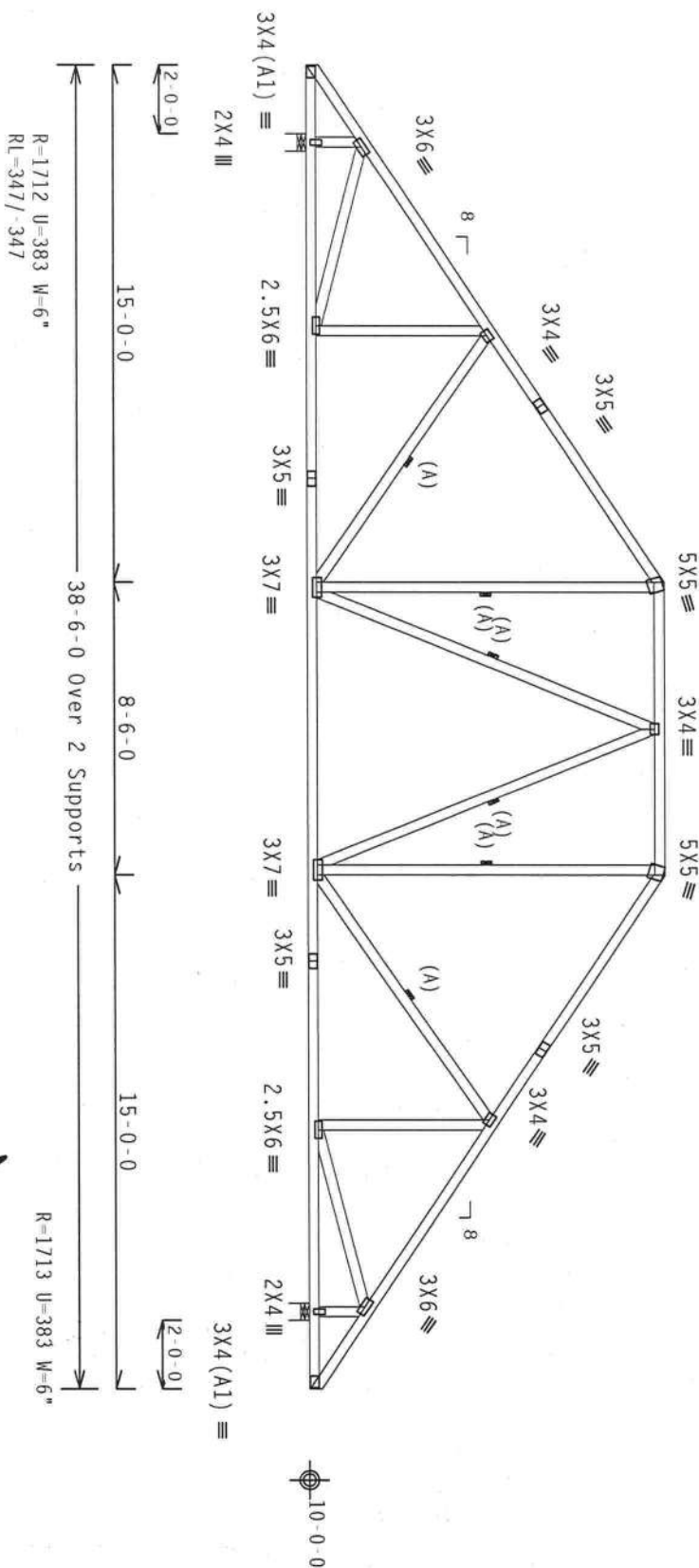
110 mph wind, 15.37 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 gcpl(+/-)-0.18

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.

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

MIFRS loads based on trusses located at least 7.69 ft. from roof edge.



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

QTY: 6

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

Scale = .1875"/Ft.

ALPINE

ITW Building Components Group Inc

Haines City, FL 33844

FL COA #0278

Professional Engineer Seal for James H. Jennings, State of Florida, No. 52212, dated Jan 20, 1990.

| | | | |
|----------|----------|--------|--------------------|
| TC LL | 20.0 PSF | REF | R8228- 33241 |
| TC DL | 10.0 PSF | DATE | 01/20/10 |
| BC DL | 10.0 PSF | DRW | HCUSR8228 10020042 |
| BC LL | 0.0 PSF | HC-ENG | JB/AP |
| TOT.LD. | 40.0 PSF | SEQN- | 80911 |
| DUR.FAC. | 1.25 | | |
| SPACING | 24.0" | JREF- | 1TYM8228203 |

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 GCPI (+/-)=0.18

Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load.
Deflection meets L/240 live and L/180 total load.

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


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

~~9.02.00.1~~

QTY:1

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

Scale = .1875"/Ft.

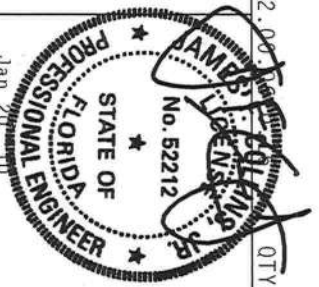
No. 52212

****IMPORTANT*****TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. IF BCG, INC. SHALL NOT

ALPINE

Haines City, FL 33844

Haines City, FL 33844
FL COA #0278



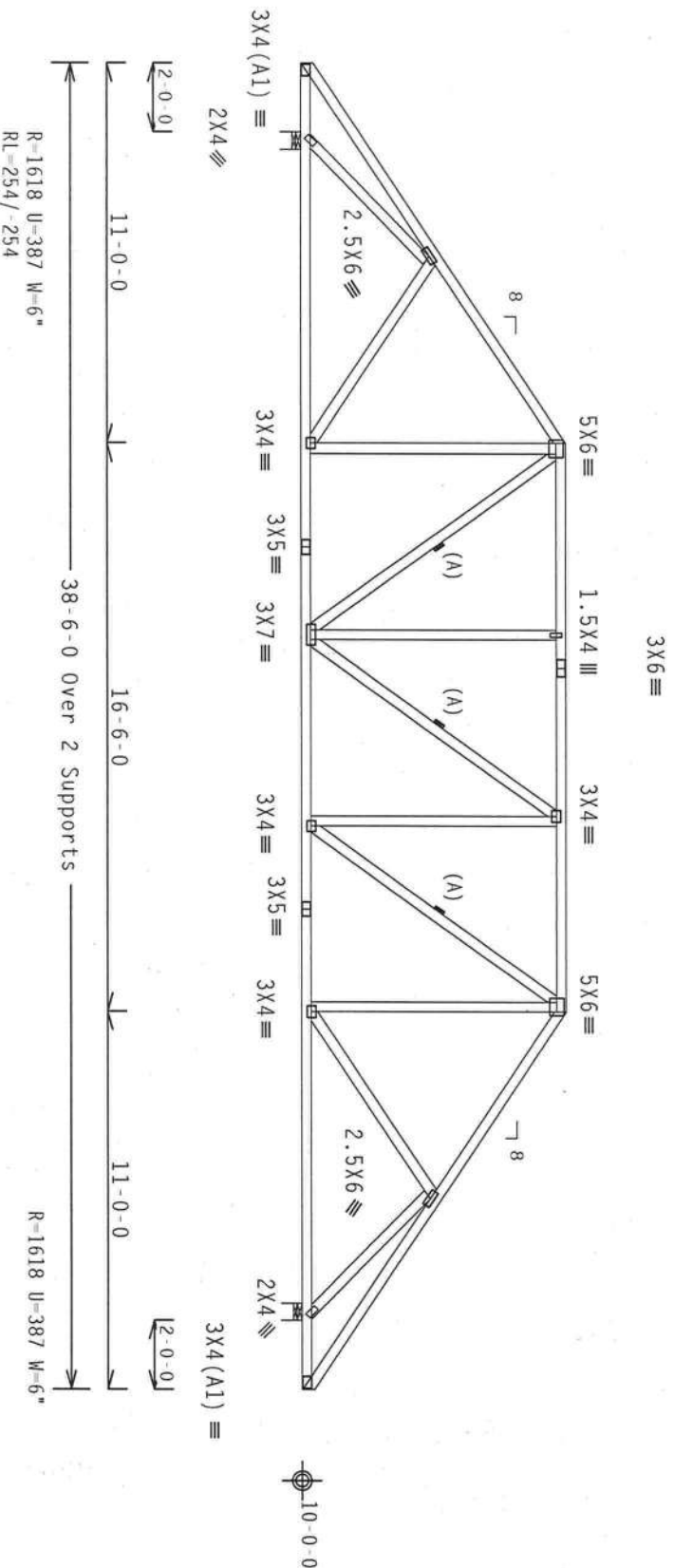
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|----------|----------|--------|--------------------|
| TC LL | 20.0 PSF | REF | R8228- 33242 |
| TC DL | 10.0 PSF | DATE | 01/20/10 |
| BC DL | 10.0 PSF | DRW | HCU8R8228 10020043 |
| BC LL | 0.0 PSF | HC-ENG | JB/AP |
| TOT.LD. | 40.0 PSF | SEQN- | 80999 |
| DUR.FAC. | 1.25 | | |
| SPACING | 24.0" | JREF- | 1TYM8228Z03 |

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 GCPI (+/-)=0.18

Wind reactions based on MMFRS pressures.

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

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



Design Crit: FBC2007Res/TP1-2002(STD)
FT/RT=10%(0%)/0(0)

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

Scale = .1875"/Ft.

PAMES
LICENSE
No. 52212
J.R.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TTM BCG, INC. SHALL NOT

OR DESIGN VENDOR TO MEET DELIVERY FROM THIS DESIGN, AND TO COME TO INSURE THE TRUSS IN SCOTCH COUNTRY, MAINTAINING A RECORD OF ALL DELIVERIES FROM THIS DESIGN, AND TO COME TO INSURE THE TRUSS IN SCOTCH COUNTRY, MAINTAINING A RECORD OF ALL DELIVERIES FROM THIS DESIGN, AND TO COME TO INSURE THE TRUSS IN SCOTCH COUNTRY, MAINTAINING A RECORD OF ALL DELIVERIES FROM THIS DESIGN.

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

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPII-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

DESIGN SHOWN, THE SOLIDITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ITW Building Components Group Inc.

Haines City, FL 33844

ines City, FL 336
FL COA #0 278



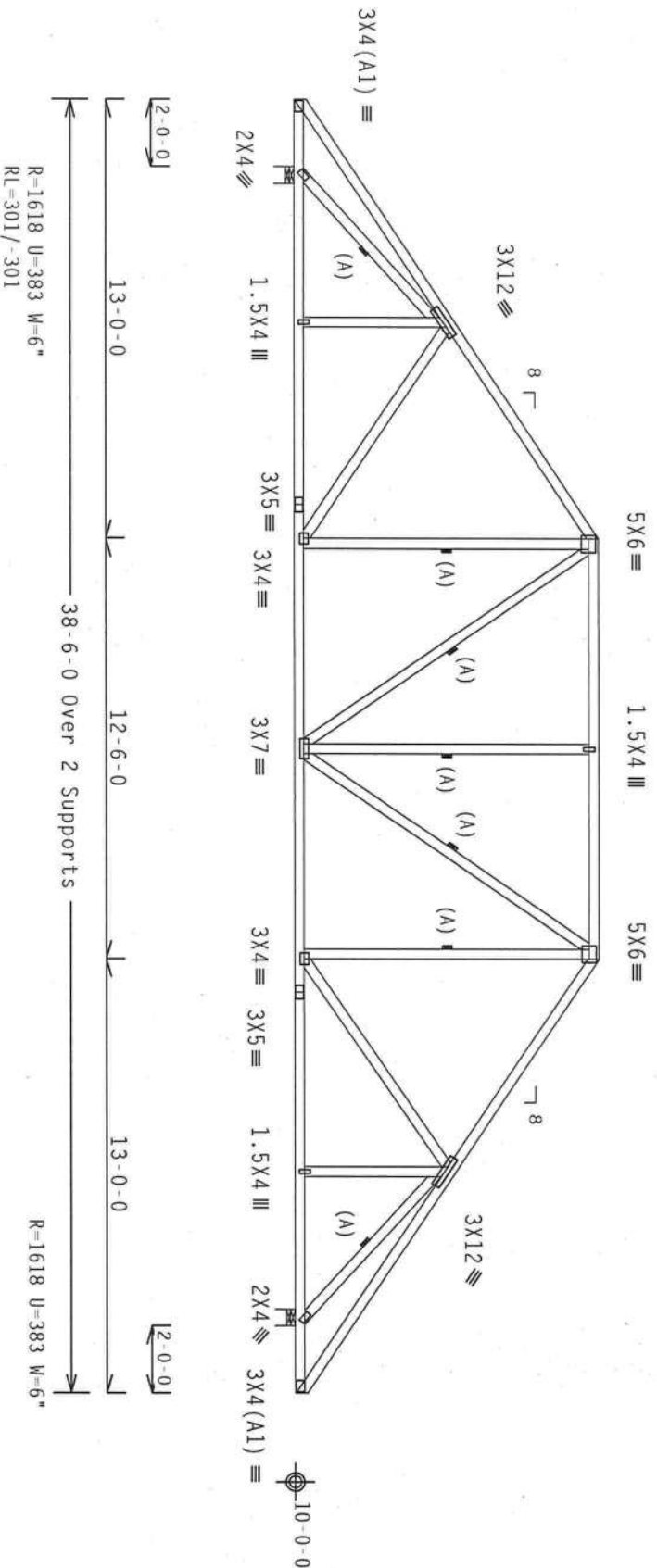
| | | | |
|----------|----------|--------|--------------------|
| TC LL | 20.0 PSF | REF | R8228- 33243 |
| TC DL | 10.0 PSF | DATE | 01/20/10 |
| BC DL | 10.0 PSF | DRW | HCUSR8228.10020044 |
| BC LL | 0.0 PSF | HC-ENG | JB/AP |
| TOT.LD. | 40.0 PSF | SEQN- | 80979 |
| DUR.FAC. | 1.25 | | |
| SPACING | 24.0" | JREF- | 1TYM8228Z03 |

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 lw=1.00 GCPI (+/-)=0.18

Wind reactions based on MMFRS pressures.

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

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



Scale = .1875"/Ft.

Haines City, FL 33844
FL COA #0278

****WARNING**** THESE BUILDING EXISTENCE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO DESI (ROLLING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (STEEL PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AISC (AISC TRUSS COUNCIL OF AMERICA, 6055 ENTERPRISE LANE, MADISON, WI, 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. THESE OTHERS INDICATED FOR 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. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE: ON FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE REQUIREMENTS OR NOT (NATIONAL DESIGN SPEC. BY AISC) AND TPI.

CONNECTION PLATES ARE MADE OF 2010/166A (PL-HSS/25) ASTM A583 GRADE 50/60 (P, R/20/5) GALV. STEEL. NUTS PLATES TO EACH FACE OF TRUSS AND, TRUSSES OTHERWISE DETACHED ON THIS DESIGN. POSITION PER DIMENSIONS (FROM 2. DRAWING) AND ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY (SOLLY) FOR THE TRUSS COMPONENT DESIGN SHOWS THE SUFFICIENCY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER OR THE ARCHITECT SEE: 2.

JAMES A. COLLINS JR.
No. 52212
STATE OF FLORIDA
PROFESSIONAL ENGINEER

| | | | |
|----------|----------|--------|--------------------|
| TC LL | 20.0 PSF | REF | R8228- 33244 |
| TC DL | 10.0 PSF | DATE | 01/20/10 |
| BC DL | 10.0 PSF | DRW | HCUSR8228 10020045 |
| BC LL | 0.0 PSF | HC-ENG | JB/AP |
| TOT.LD. | 40.0 PSF | SEQN- | 80990 |
| DUR.FAC. | 1.25 | | |
| SPACING | 24.0" | JREF- | 1TYM8228Z03 |

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

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

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

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

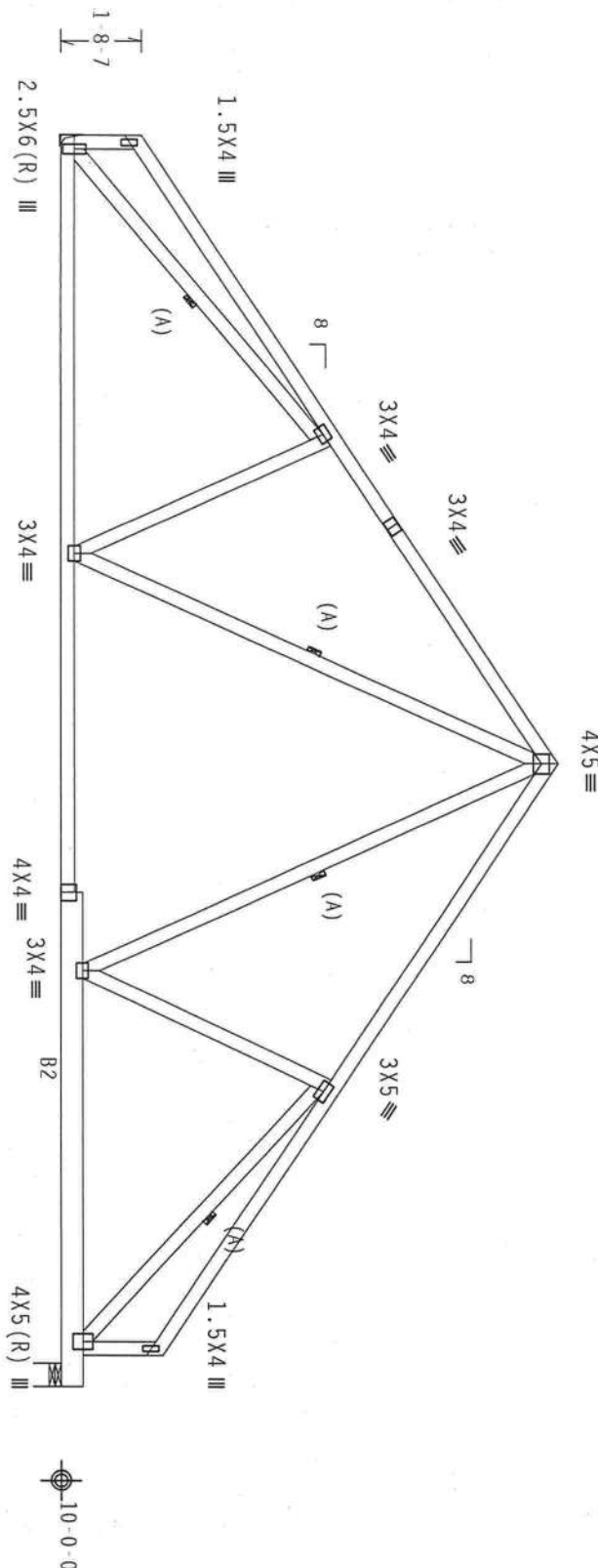
110 mph wind, 16.12 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1w=1.00 GCpl(+/-)=0.18

Wind reactions based on MMFRS 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.

MMFRS loads based on trusses located at least 16.12 ft. from roof edge.



13-3-0
26-6-0 Over 2 Supports
13-3-0

R=1319 U=77
RL=289/-284 H=Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d, 0.148"x1.5" nails in Girder
Girder is (1)2X6 min. So.Pine
Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

R=1272 U=74 W=6"

PLT TYP. Wave

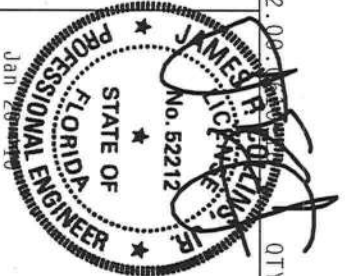
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MARKING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE LANE, MADISON, MI 48071) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR, OWNER SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** OBTAIN A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFECTS OR DAMAGE TO THE TRUSS OR TO THE BUILDING. THE TRUSS IS TO BE INSTALLED WITHIN THE DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY ACPA AND TPI. ITW BCG CONDUCTOR PLATES ARE MADE OF 2018/1664 (GALVALUX) ASTM A653 GRADE 40/60 (4" W/SS GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278



| | | |
|-----------|----------------------------|-----------------------|
| QTY: 3 | FL / - / 4 / - / - / R / - | Scale = .25" / Ft. |
| TC LL | 20.0 PSF | REF R8228- 33245 |
| TC DL | 10.0 PSF | DATE 01/20/10 |
| BC DL | 10.0 PSF | DRW HCUR8228 10020030 |
| BC LL | 0.0 PSF | HC-ENG JB/AP |
| TOT. LD. | 40.0 PSF | SECN- 81013 |
| DUR. FAC. | 1.25 | |
| SPACING | 24.0" | JREF- 1TYM8228203 |

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #2
Webs 2x4 SP #3

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, lw=1.00 gcpl(+/-)=0.18

Wind reactions based on MMFRS pressures.

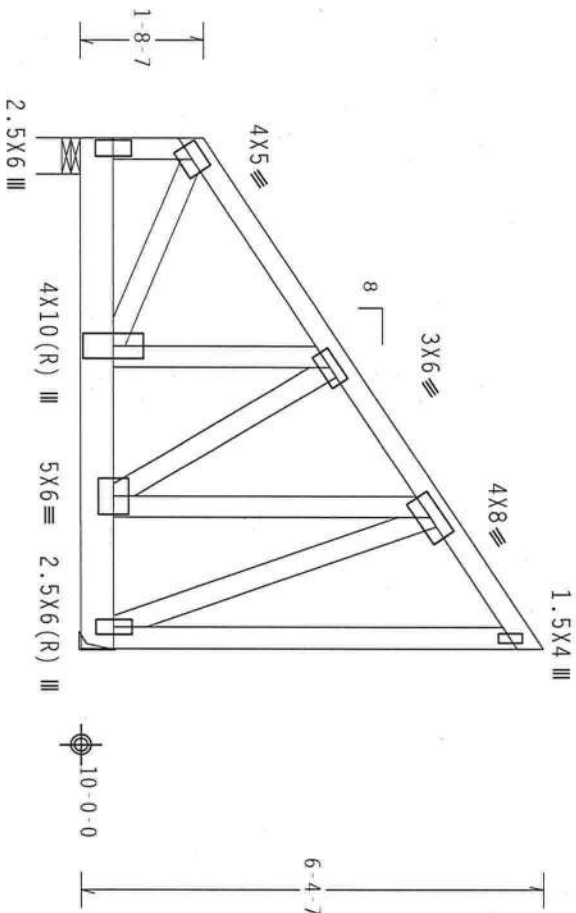
Deflection meets L/240 live and L/180 total load.

Special loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC - From 64 plf at 0.00 to 64 plf at 7.00
BC - From 20 plf at 0.00 to 20 plf at 7.00
BC - 1320 lb Conc. Load at 1.06 , 3.06, 5.06

Right end vertical not exposed to wind pressure.

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



7'-0-0 Over 2 Supports
R-2521 U=209 W=6"

R-2026 U=180 H=Simpson HUS26
W/ (6) 10d Common, 0.148"x3.0" nails in Truss
W/ (14) 10d, 0.148"x1.5" nails in Girder
Girder is (1)2X6 min. So.Pine

PLT TYP. Wave

Design Cnt: FBC2007Res/TPI-2002(STD)

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

9.02.00

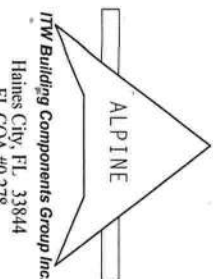
QTY:1

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

Scale =.375"/Ft.

****WARNING**** TRUSSES IN THIS EXTREME CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND NCA (NATIONAL TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR GROUND SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE REG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE TRUSS SHALL BE BUILT TO THE DESIGN SPECIFICATIONS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY A/E/P/A AND TPI. THE REG. CONTRACTOR PLATES ARE MADE OF 20/19/166A (20/19/166A) ASTM A653 GRADE 40/60 (40/60 (40/60) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. 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.



| | | | |
|----------|----------|--------|------------------|
| TC LL | 20.0 PSF | REF | R8228- 3324 |
| TC DL | 10.0 PSF | DATE | 01/20/10 |
| BC DL | 10.0 PSF | DRW | HCUSR8228 100200 |
| BC LL | 0.0 PSF | HC-ENG | JB/AP |
| TOT.LD. | 40.0 PSF | SEQN- | 80812 |
| DUR.FAC. | 1.25 | | |
| SPACING | 24.0" | JREF- | 1TYM8228Z03 |

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

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

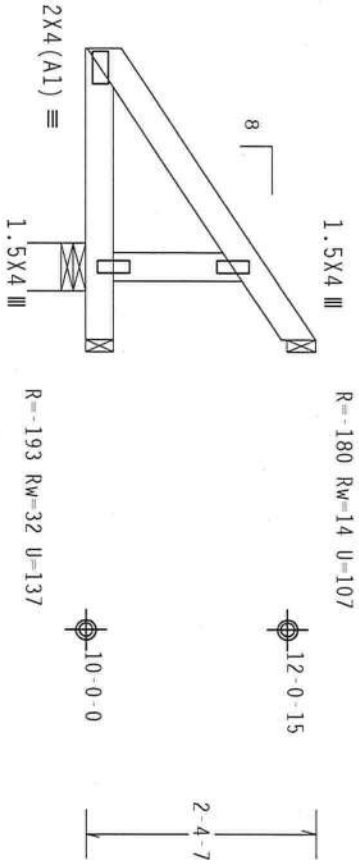
Deflection meets L/240 live and L/180 total load.

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

Negative reaction(s) of -193# MAX. (See below) from a non-wind load case requires uplift connection.

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

Wind reactions based on MMFRS pressures.



R=626 U=67 W=6"
RL=67/-20

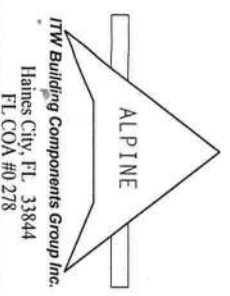
PLT TYP. Wave

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

9.02.00

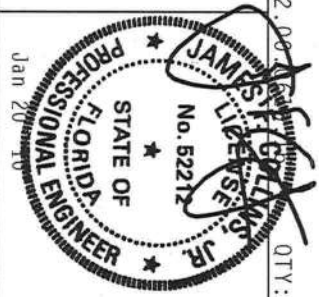
QTY:6 FL/-/4/-/1/R/-

Scale =.5"/Ft.



****WARNING**** BRUSSES BEHOLD EXTERIOR CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO NCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR CHORDS, ALL TRUSSES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

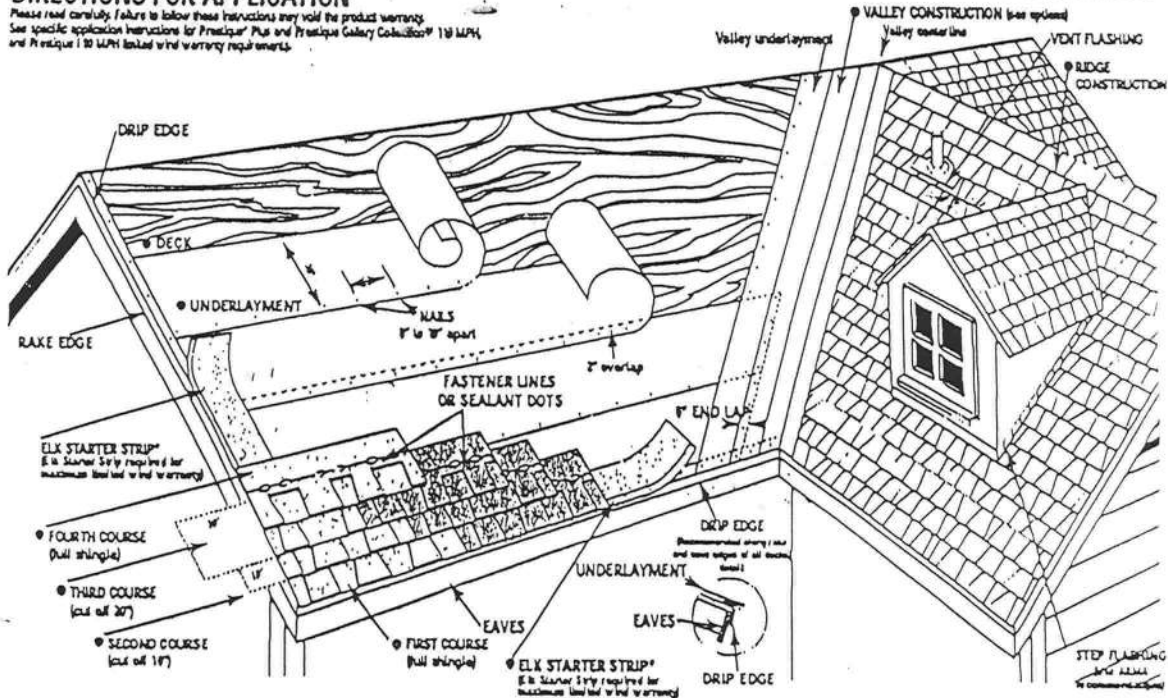
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR THE FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING OF THE TRUSS IN CONFORMANCE WITH THE TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, BY ACPA AND TPI. THE BCG DESIGN CONTRACTORS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY ACPA AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF 2019/1604 (ALUMINUM) ASTM A653 GRADE 40/60 (4, K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. 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.



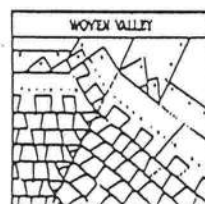
| | | |
|-----------|----------|-----------------------|
| TC LL | 20.0 PSF | REF R8228- 33247 |
| TC DL | 10.0 PSF | DATE 01/20/10 |
| BC DL | 10.0 PSF | DRW HCUR8228 10020032 |
| BC LL | 0.0 PSF | HC-ENG JB/AP |
| TOT. LD. | 40.0 PSF | SEQN- 80732 |
| DUR. FAC. | 1.25 | |
| SPACING | 24.0" | JREF- 1TYM8228Z03 |

DIRECTIONS FOR APPLICATION

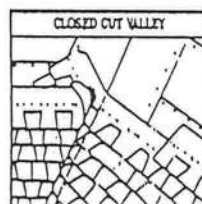
Please read carefully. Failure to follow these instructions may void the product warranty. See specific application instructions for Prestique® Plus and Prestique Gallery Collections® 110 MPH and Prestique I® 100 MPH limited wind warranty requirements.



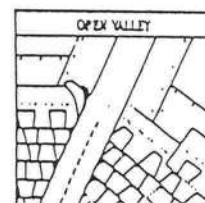
• VALLEY CONSTRUCTION OPTION (California Open and California Closed are also acceptable) NOTE: For complete ARMA valley installation details, see ARMA Residential Asphalt Roofing Manual.



VALLEY CENTER LINE



VALLEY CENTER LINE



VALLEY CENTER LINE

DIRECTIONS FOR APPLICATION

These application instructions are the minimum required to meet Elk's application requirements. Your failure to follow these instructions may void the product warranty. In some areas, the building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk expect application requirements that are less than those printed here. Shingles should not be jammed tightly together. All edges should be properly vented. Note: It is not necessary to remove tape on back of shingles.

• DECK PREPARATION

Roof decks should be dry, well-seasoned 1" x 6" boards or exterior grade plywood minimum 3/4" thick and conform to the specifications of the American Plywood Association or 1/2" oriented strandboard or 1/4" chipboard.

• UNDERLAYMENT

Apply underlayment (Non-Perforated No. 15 or 30 asphalt saturated felt). Cover drip edge at eaves only.

For low slope (2/12 up to 4/12), completely cover the deck with two plies of underlayment overlapping a minimum of 12". Begin by fastening a 12" wide strip of underlayment placed along the eaves. Place a full 36" wide sheet over the starter, horizontally placed along the eaves and completely overlapping the starter strip.

EAVE FLASHING FOR ICE DAMS (ASK A ROOFING CONTRACTOR, REFER TO ARMA MANUAL OR CHECK LOCAL CODES)

For standard slope (4/12 to less than 24/12), use coated roll roofing of no less than 30 pounds over the felt underlayment extending from the eave edge to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

For low slope (2/12 up to 4/12), use a continuous layer of asphalt plastic cement between the two plies of underlayment from the eave edge up to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

Consult the Elk Field Service Department for application specifications on other decks and other slopes.

• STARTER SHINGLE COURSE

USE AN ELK STARTER STRIP OR A STRIP SHINGLE INVERTED WITH THE HEADCAP APPLIED AT THE EAVE EDGE. With at least 8" trimmed from the end of the first shingle, start at the rake edge overlapping the eave 1/2" to 3/4". Fasten 2" from the lower edge and 1" from each side. Shingles may be applied with a course alignment of 1/2" on the roof.

• FIRST COURSE

Start at rake and continue course with full shingles laid flush with the starter course.

• SECOND COURSE

Start at the rake with the shingle having 10" trimmed off and continue across roof with full shingles.

• THIRD COURSE

Start at the rake with the shingle having 20" trimmed off and continue across roof with full shingles.

• FOURTH COURSE

Start at the rake and continue with full shingles across roof.

FIFTH AND SUCCEEDING COURSES

Repeat application as shown for second, third, and fourth courses. Do not pack shingles straight up the roof.

• VALLEY CONSTRUCTION

Open, woven and closed out valleys are acceptable when applied by Asphalt Roofing Manufacturers Association (ARMA) recommended procedures. For metal valleys, use 36" wide vertical underlayment prior to applying 12" metal flashing (secure edge with nails). No nails are to be within 12" of valley center.

• RIDGE CONSTRUCTION

For ridge construction use Class "A" Seal-A-Ridge® with formula 7/16" (See ridge package for installation instructions).

FASTENERS

While nailing is the preferred method for Elk shingles, Elk will accept fastening methods according to the following instructions. Always nail or staple through the fastener line or on products without fastener lines, nail or staple between and in line with sealant dots.

NAILS: Corrosive resistant, 3/16" head, minimum 12-gauge roofing nails. Elk recommends 1-1/4" for new roofs and 1-1/2" for roofs over 10 years. In cases where you are applying shingles to a roof that has an exposed overhang for new roofs only, 3/8" ring shank nails are allowed to be used from the eave's edge to a point up the roof that is past the outside wall line. 1" ring shank nails allowed for re-roof.

STAPLES: Corrosive resistant, 16-gauge minimum, crown width minimum of 15/16". Note: An improperly adjusted staple gun can result in raised staples that can cause a fish-included appearance and can prevent sealing.

Fasteners should be long enough to obtain 3/4" deck penetration or penetration through deck, whichever is less.

MAINSARD APPLICATIONS

Correct fastening is critical to the performance of the roof. For slopes exceeding 12/12 use six fasteners per shingle. Locate fasteners in the fastener area 1" from each side edge with the remaining four fasteners equally spaced along the length of the double thickness furnished area. Only fastening methods according to the above instructions are acceptable.

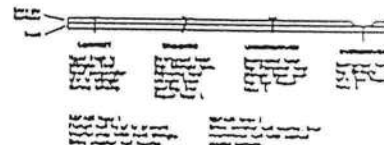
LIMITED WIND WARRANTY

For a Limited Wind Warranty, all Prestique and Raised Profile® shingles must be applied with 4 properly placed fasteners, or in the case of mainsard applications, 1 properly placed fastener per shingle.

For a Limited Wind Warranty up to 110 MPH for Prestique Gallery Collection or Prestique Plus or 100 MPH for Prestique I, shingles must be applied with 4 properly placed nails per shingle. SHINGLES APPLIED WITH STAPLES WILL NOT QUALIFY FOR THIS ENHANCED LIMITED WIND WARRANTY. Also, Elk Starter Strip shingles must be applied at the eaves and rake edges to qualify Prestique Plus, Prestique Gallery Collection and Prestique I shingles for this enhanced Limited Wind Warranty. Under no circumstances should the Elk Starter Strip or the Elk Starter Strip overhang the eaves or rake edge more than 3/4" of an inch.

HELP STOP BLOW-OFFS AND CALL-BACKS

A minimum of four fasteners must be driven into the DOUBLE THICKNESS (laminated) area of the shingle. Nails or staples must be placed along - and through - the fastener line or on products without fastener lines, nail or staple between and in line with sealant dots. CAUTION: Do not use fastener line for shingle alignment.



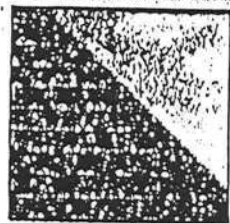
Refer to local codes which in some areas may require specific application techniques beyond those Elk has specified. All Prestique and Raised Profile shingles have a UL® Wind Resistance Rating when applied in accordance with these instructions using nails or staples on re-roofs as well as new construction.

CAUTION TO WHOLESALERS: Careless and improper storage or handling can harm Elk's shingles. Keep these shingles completely covered, dry, reasonably cool, and protected from the weather. Do not store near various sources of heat. Do not store in direct sunlight until applied. DO NOT DOUBLE STACK. Systematically rotate all stock so that the material that has been stored the longest will be the first to be moved out.

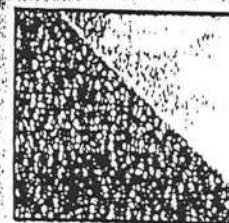
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ELK
www.elkcorp.com



**PRESTIQUE®
HIGH DEFINITION®**



RAISED PROFILE™

**Prestique Plus High Definition
and Prestique Gallery Collection™**

Product size133" x 39 1/2"
Exposure5 1/2"
Pieces/Bundle18
Bundles/Square4/98.5 sq.ft.
Squares/Pallet11

30-year limited warranty period:
non-prorated coverage for
shingles and application labor for
the initial 5 years, plus an option
for transferability*†; prorated
coverage for application labor and
shingles for balance of limited
warranty period; 5-year limited
wind warranty*.

Raised Profile

Product size133" x 38 1/2"
Exposure5 1/2"
Pieces/Bundle22
Bundles/Square3/100 sq.ft.
Squares/Pallet16

30-year limited warranty period:
non-prorated coverage for
shingles and application labor for
the initial 5 years, plus an option
for transferability*†; prorated
coverage for application labor and
shingles for balance of limited
warranty period; 5-year limited
wind warranty*.

Prestique I High Definition

Product size133" x 39 1/2"
Exposure5 1/2"
Pieces/Bundle18
Bundles/Square4/98.5 sq.ft.
Squares/Pallet11

30-year limited warranty period:
non-prorated coverage for
shingles and application labor for
the initial 5 years, plus an option
for transferability*†; prorated
coverage for application labor and
shingles for balance of limited
warranty period; 5-year limited
wind warranty*.

HIP AND RIDGE SHINGLES

Seal-A-Ridge® w/FLX™
Size: 12" x 12"
Exposure: 6 1/2"
Pieces/Bundle: 45
Coverage: 4 Bundles = 100 linear feet ...

Prestique High Definition

Product size133" x 38 1/2"
Exposure5 1/2"
Pieces/Bundle22
Bundles/Square3/100 sq.ft.
Squares/Pallet16

30-year limited warranty period:
non-prorated coverage for
shingles and application labor for
the initial 5 years, plus an option
for transferability*†; prorated
coverage for application labor and
shingles for balance of limited
warranty period; 5-year limited
wind warranty*.

Elk Starter Strip

52 Bundles/Pallet
18 Pallets/Truck
936 Bundles/Truck
19 Pieces/Bundle
1 Bundle = 120.33 linear feet

Available Colors: Antique Slate, Weatheredwood, Shalewood, Sablewood, Hickory, Barkwood™, Forest Green, Wedgewood™, Birchwood™, Sandalwood.
Gallery Collections: Balsam Forest®, Weathered Sage®, Sierra Sunset®.

All Prestique, Raised Profile and Seal-A-Ridge roofing products contain Elk WindGuard® sealant. WindGuard® activates with the sun's heat, bonding shingles into a wind and weather resistant cover that resists blow-offs and leaks.

Check for availability with built-in StainGuard® treatment to inhibit the discoloration of roofing granules caused by the growth of certain types of algae. Not available in Sablewood.

All Prestique and Raised Profile shingles meet UL® Wind Resistant (UL 897) and Class "A" Fire Ratings (UL 790); and ASTM Specifications D 3018, Type I D 3191, Type II D 104 and the requirements of ASTM D 3482.

All Prestique and Raised Profile shingles meet the latest Metro Dade building code requirements.

*See actual limited warranty for conditions and limitations.
†Check for product transferability.

SPECIFICATIONS

Score Work includes furnishing all labor, materials and equipment necessary to complete installation of (name) shingles specified herein. Color shall be (name of color). Hip and ridge type to be Elk Seal-A-Ridge with Intute®/UL.

All exposed metal surfaces (flashing, vents, etc.) to be painted with matching Elk roof accessory paint.

Installation of Roof Deck: Roof deck to be dry, well-seasoned 1" x 6" (25.4mm x 152.4mm) boards; exterior grade plywood (exposure 1) rated sheathing at least 3/8" (9.5mm) thick conforming to the specifications of the American Plywood Association's 211P (11.07mm) oriented strandboard or chipboard. Most fire retardant plywood decks are NOT approved substrates for Elk shingles. Consult Elk Field Service for application specifications over other decks and other slopes.

Underlayment: Underlayment for standard roof slopes, 1" per foot (101.6/304.8mm) or greater: apply non-perforated No. 15 or 30 asphalt-saturated felt underlayment for low slopes (1" per foot (101.6/304.8mm) to a minimum of 2" per foot (50.8/304.8mm)). Use two plies of underlayment overlapped a minimum of 12". Fasteners shall be of sufficient length and holding power for securing material as required by the application instructions printed on shingle wrapper.

For areas where slope is a problem, shingles shall be (name) with StainGuard treatment, as manufactured by the Elk Tucksonite plant. Hip and ridge type to be Seal-A-Ridge with Intute®/FLX with StainGuard treatment.

Complete application instructions are published by Elk and printed on the back of every shingle bundle. All

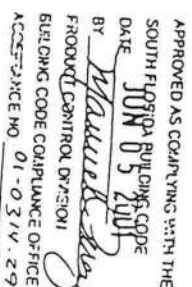
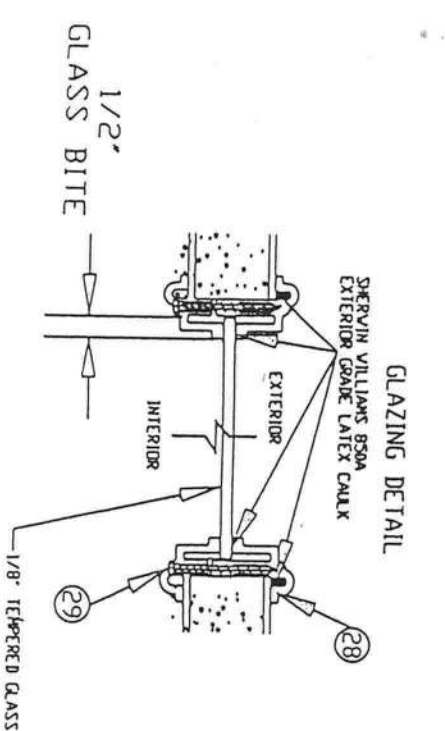
warranties are contingent upon the correct installation as shown on the instructions. These instructions are the minimum required to meet Elk application requirements. In some areas, building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements less than those contained in its application instructions.

For specifications in CSI format, call 800.354.SPEC (7732) or e-mail: specinfo@elkcorp.com.

**SOUTHEAST &
ATLANTIC OFFICE:**
800.945.5551

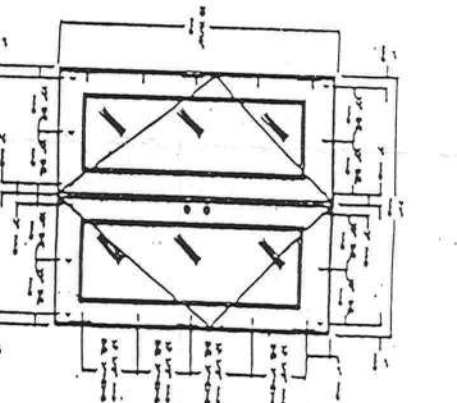
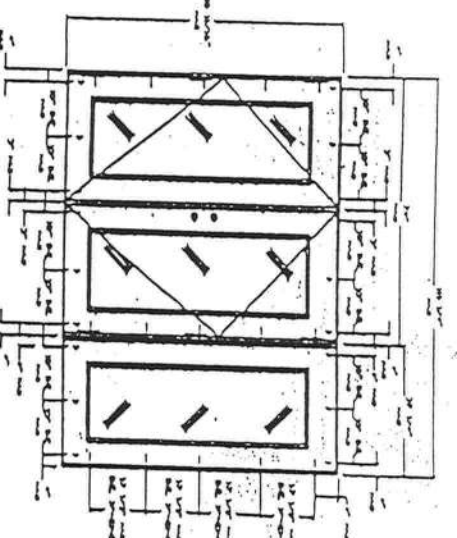
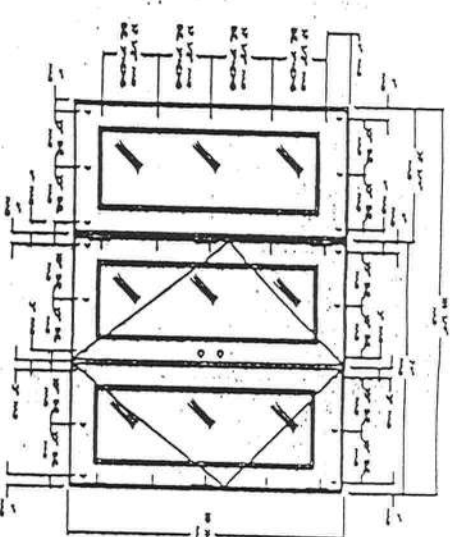
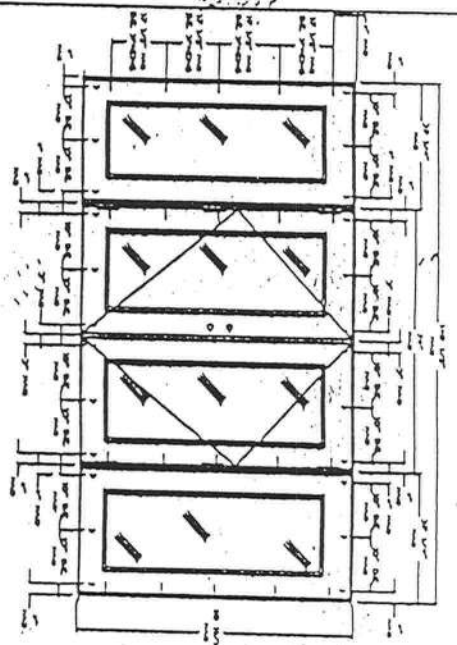
CORPORATE HEADQUARTERS:
800.354.7732

PLANT LOCATION:
800.945.5545



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| C | DATE COMPLY NOTIFICATIONS | FORM | JR |
| B | ABOVE PAINT 3 (DOOR DOORWAYS) | 5-1-76 | RT |
| A | ADD DECATS TO LITE FRAMES & ADD OTHER DOOR COM NOTIFICATIONS | 5-1-76 | RT |
| 1 | DATE | | |
| 2 | BY | | |
| 3 | FOR | | |
| 4 | NOTED | | |
| 5 | DATE | | |
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WALKER BOOK CONT ILLUSTRATIONS

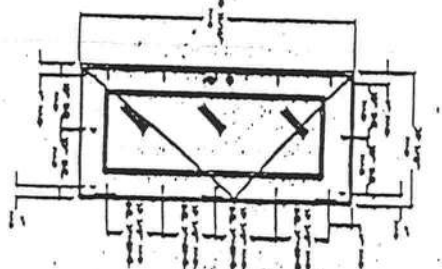
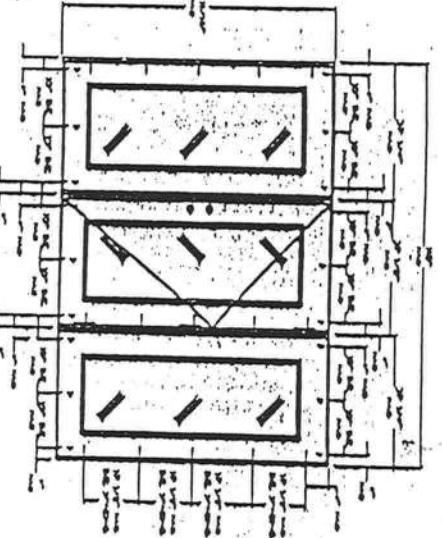
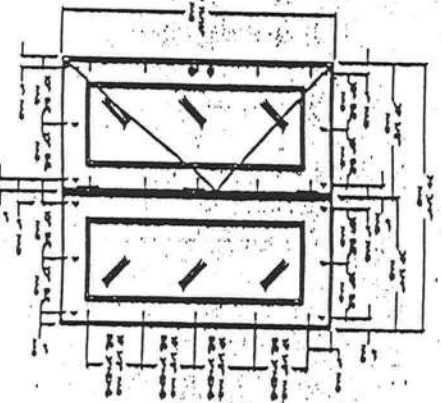
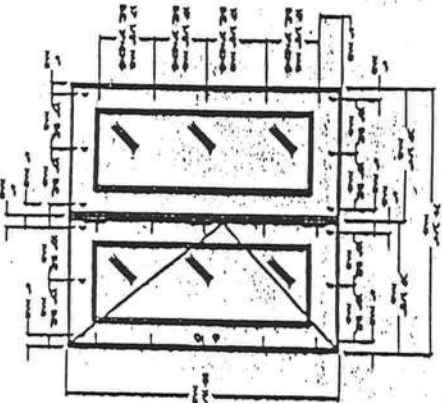


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APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE JUN 05 2004
BY Matthew J. J...
PROFESSIONAL ENGINEER
BUILDING CODE COMPLIANCE OFFICE
ACCE: NO. 01-0314-29

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|--|----|--------------|-----|
| DWG: UNLESS NOTED, POC: | | REC: | MG: |
| CROSSINGS: UNLESS NOTED, SEE CONCL. DET. | | | |
| ENGINEER: | | | |
| DR: BT | LD | DATE: 1-1-01 | |
| PREMOR ENTRY SYSTEMS | | | |
| 791 C. JEFFERSON | | | |
| PILLSBURY, KS 66112 | | | |
| SCALE: | | | |
| 31-1028-EW-0 | | | |
| SHEET 5 OF 6 | | | |
| REVISION 11/11/8 | | | |