DATE 08/01/2017

# Columbia County Building Permit

**This Permit Must Be Prominently Posted on Premises During Construction**

**PERMIT**
**000035639**

APPLICANT SAMMY KEEN PHONE 386.365.3646

ADDRESS 764 SW RIVERSIDE AVENUE FT. WHITE FL 32038

OWNER NORBIE & MARTHA RONSONET PHONE 386.752.6504

ADDRESS 910 SW RIVERSIDE AVENUE FT. WHITE FL 32038

CONTRACTOR GUY WILLIAMS PHONE 386.365.3646

LOCATION OF PROPERTY 47-S TO US 27,TR TO RIVERSIDE,TL AND IT'S 9/10 OF A MILE ON R.(SEE SLK CONSTRUCTION SIGN)

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 0.00

HEATED FLOOR AREA _____ TOTAL AREA _____ HEIGHT _____ STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC

LAND USE & ZONING ESA-2 MAX. HEIGHT _____

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR _____ SIDE 10.00

NO. EX.D.U. 0 FLOOD ZONE AE DEVELOPMENT PERMIT NO. 17-013

PARCEL ID 26-6S-15-00555-000 SUBDIVISION 3 RIVERS ESTATES

LOT 39 BLOCK _____ PHASE _____ UNIT 1 TOTAL ACRES 0.68

| | | | | | |
|---|---|---|---|---|---|
| _____ | _____ | CBC050690 | ✓ | | |
| Culvert Permit No. | Culvert Waiver | Contractor's License Number | | Applicant/Owner/Contractor | |
| EXISTING | 17-442-E | BMS | TC | N | _____ |
| Driveway Connection | Septic Tank Number | LU & Zoning checked by | Approved for Issuance | New Resident | Time/STUP No. |

COMMENTS: MFE @ 33.00', NEED ELEVATION CERTIFICATE INCLUDING MACHINERY BEFORE POWER.

BLOWER DOOR TEST REQUIRED. NO CHARGE. STORM DAMAGE. INS. REPORT REC'D Check # or Cash NO CHARGE

## FOR BUILDING & ZONING DEPARTMENT ONLY

Temporary Power _____ date/app. by

Foundation _____ date/app. by

Monolithic (footer/Slab) _____ 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 $ 0.00 CERTIFICATION FEE $ 0.00 SURCHARGE FEE $ 0.00

MISC. FEES $ 0.00 ZONING CERT. FEE $ _____ FIRE FEE $ 0.00 WASTE FEE $ _____

PLAN REVIEW FEE $ _____ DP & FLOOD ZONE FEE $ _____ CULVERT FEE $ _____ **TOTAL FEE** 0.00

INSPECTORS OFFICE _____ CLERKS OFFICE _____

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.

NOTICE: ALL OTHER APPLICABLE STATE OR FEDERAL PERMITS SHALL BE OBTAINED BEFORE COMMENCEMENT OF THIS PERMITTED DEVELOPMENT.

***"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 ATTORNE 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.**

manual
sealed truss plans 1.C

INSURANCE REPORT NEEDED
STORM DAMAGE NO CHARGE

Guy's SL

# Columbia County New Building Permit Application

Application # 1706-87 Date Received 6/27 By TC Permit # 35239

Zoning Official BMS Date 8-1-17 Flood Zone AE Land Use ESA Zoning ESA-2

FEMA Map # 0458 C Elevation 33' MFE 34' Feet Firm River Itch Plans Examiner 1.C. Date 7-11-17

Comments Blower Door Test Required - NEED Elevation Cert. Including Machinery before Pour

NOC EH Deed or PA Site Plan State Road Info Well letter 911 Sheet (EXISTING) Parent Parcel #

Dev Permit # 17-013 In Floodway Letter of Auth. from Contractor F W Comp. letter

Owner Builder Disclosure Statement Land Owner Affidavit Ellisville Water A Fee Paid Sub VF Form

Septic Permit No. 17-442-E OR City Water ☐ Fax

Applicant (Who will sign/pickup the permit) Sam Keen Phone 386-365-3646

Address 764 sw Riverside Ave Ft White Fl. 32038

Owners Name Norbie Ronsonet Phone 386-752-6504

911 Address 910 sw Riverside Ave. Ft White, FL 32038

Contractors Name ~~SLK Construction Inc.~~ Guy Williams Phone 386-365-3646

Address 764 sw Riverside Ave. Ft White Fl. 32038

Contractor Email slkconstruction@hotmail.com ***Include to get updates on this job.

Fee Simple Owner Name & Address —

Bonding Co. Name & Address —

Architect/Engineer Name & Address Eric P. Monville P.E. # 79431

Mortgage Lenders Name & Address —

Circle the correct power company ☐ FL Power & Light ☑ Clay Elec. ☐ Suwannee Valley Elec. ☐ Duke Energy

Property ID Number 00000000555000 (R-00555-000) Estimated Construction Cost 200,000.00

Subdivision Name Three Rivers Estates Lot 39 Block Unit 1 Phase

Driving Directions from a Major Road 47 south to Ft White, turn right on us 27 down to Riverside Ave. left down 9/10 of mile house on right SLK Construction Sign

Construction of new home Commercial OR X Residential

Proposed Use/Occupancy vacation home Number of Existing Dwellings on Property 1

Is the Building Fire Sprinkled? no If Yes, blueprints included Or Explain

Circle Proposed ☐ Culvert Permit or ☐ Culvert Waiver or ☐ D.O.T. Permit or ☑ Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 89' Side 15 Side 15 Rear

Number of Stories 1 Heated Floor Area 1725sf Total Floor Area 1725 Acreage ~~1 or~~ les

Zoning Applications applied for (Site & Development Plan, Special Exception, etc.)

**Columbia County Building Permit Application**

**CODE: Florida Building Code 2014 and the 2011 National Electrical Code.**

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

**TIME LIMITATIONS OF APPLICATION :** An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless pursued in good faith or a permit has been issued.

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

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

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

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

Norbie Ronsonet — **Print Owners Name**

**Owners Signature**

****Property owners must sign here before any permit will be issued.**

****If this is an Owner Builder Permit Application then, ONLY the owner can sign the building permit when it is issued.**

**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.

Jay N. Williams — **Contractor's Signature**

**Contractor's License Number** CBC 050690

**Columbia County Competency Card Number** 548

**Affirmed under penalty of perjury to by the Contractor and subscribed before me this** 14 **day of** June **20** 17

**Personally known** ✓ **or Produced Identification** _____

Spring Ann Mills — **State of Florida Notary Signature (For the Contractor)**

**SEAL:**

NOTARY PUBLIC STATE OF FLORIDA
SPRING ANN MILLS
MY COMMISSION # FF 972189
EXPIRES: March 16, 2020
Bonded Thru Budget Notary Services

# NOTICE OF COMMENCEMENT

Tax Parcel Identification Number:

00000000 555000

Clerk's Office Stamp

Inst: 201712014400 Date: 08/01/2017 Time: 10:49AM
Page 1 of 1 B: 1341 P: 1964, P.DeWitt Cason, Clerk of Court
Columbia, County, By: KV
Deputy Clerk

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this **NOTICE OF COMMENCEMENT**.

1. Description of property *(legal description)*: Lot 39 Sec 1 three rivers Estates
   a) Street *(job)* Address:
2. General description of improvements: New Home
3. Owner Information or Lessee information if the Lessee contracted for the improvements:
   a) Name and address: Norbie Ronsonet PO Box 1446 Lake City FL, 32056
   b) Name and address of fee simple titleholder (if other than owner) —
   c) Interest in property Owner
4. Contractor Information
   a) Name and address: SLK Const, Inc 764 SW Riverside Ave, Ft White Fl 32038
   b) Telephone No.: 386 365 3646
5. Surety Information (if applicable, a copy of the payment bond is attached):
   a) Name and address: None
   b) Amount of Bond:
   c) Telephone No :
6. Lender
   a) Name and address: None
   b) Phone No.
7. Person 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:
   a) Name and address: None
   b) Telephone No.:
8. In addition to himself or herself, Owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(l)(b), Florida Statutes:
   a) Name: SLK Const, Inc, OF
   b) Telephone No.:
9. Expiration date of Notice of Commencement **(the expiration date will be 1 year from the date of recording unless a different date is specified)**:

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

STATE OF FLORIDA
COUNTY OF COLUMBIA

10. N Ronsonet
Signature of Owner or Lessee, or Owner's or Lessee's Authorized Office/Director/Partner/Manager

Norbie J. Ronsonet Owner
Printed Name and Signatory's Title/Office

The foregoing instrument was acknowledged before me, a Florida Notary, this 29th day of June, 2017 by:

Norbie J. Ronsonet as ____ for ____.
(Name of Person) (Type of Authority) (name of party on behalf of whom instrument was executed)

Personally Known ✓ OR Produced Identification ____ Type ____

Notary Signature Eileen B Callaway

Notary Stamp or Seal:

EILEEN B. CALLAWAY
Notary Public, State of Florida
My Comm. Expires Feb. 27, 2021
Commission No. GG73325
PERSONALLY KNOWN ☑
SATISFACTORY EVIDENCE ☐

# Columbia County Property Appraiser

updated: 3/2/2017

**2016 Tax Year**

**Parcel: 00-00-00-00555-000**

Tax Collector | Tax Estimator | Property Card | Parcel List Generator

<< Next Lower Parcel | Next Higher Parcel >> | 2016 TRIM (pdf) | Interactive GIS Map | Print

Search Result: 1 of 1

## Owner & Property Info

| | | | |
|---|---|---|---|
| **Owner's Name** | RONSONET NORBIE J & MARTHA ANN | | |
| **Mailing Address** | P O BOX 1446<br>LAKE CITY, FL 32056 | | |
| **Site Address** | 910 SW RIVERSIDE AVE | | |
| **Use Desc. (code)** | SINGLE FAM (000100) | | |
| **Tax District** | 3 (County) | **Neighborhood** | 100000 |
| **Land Area** | 0.681 ACRES | **Market Area** | 02 |
| **Description** | NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction. | | |

LOT 39 SEC 1 THREE RIVERS ESTATES. ORB 749-1999, 761-626 768-2174,


## Property Assessment Values

| 2016 Certified Values | | |
|---|---|---|
| **Mkt Land Value** | cnt: (0) | $95,000.00 |
| **Ag Land Value** | cnt: (1) | $0.00 |
| **Building Value** | cnt: (1) | $49,765.00 |
| **XFOB Value** | cnt: (2) | $2,550.00 |
| **Total Appraised Value** | | $147,315.00 |
| **Just Value** | | $147,315.00 |
| **Class Value** | | $0.00 |
| **Assessed Value** | | $147,315.00 |
| **Exempt Value** | | $0.00 |
| **Total Taxable Value** | | Cnty: $147,315<br>Other: $147,315 \| Schl: $147,315 |

| 2017 Working Values (...Hide Values) | | |
|---|---|---|
| **Mkt Land Value** | cnt: (0) | $95,000.00 |
| **Ag Land Value** | cnt: (1) | $0.00 |
| **Building Value** | cnt: (1) | $50,252.00 |
| **XFOB Value** | cnt: (2) | $2,550.00 |
| **Total Appraised Value** | | $147,802.00 |
| **Just Value** | | $147,802.00 |
| **Class Value** | | $0.00 |
| **Assessed Value** | | $147,802.00 |
| **Exempt Value** | | $0.00 |
| **Total Taxable Value** | | Cnty: $147,802<br>Other: $147,802 \| Schl: $147,802 |

**NOTE: 2017 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.**

## Sales History

Show Similar Sales within 1/2 mile

| Sale Date | OR Book/Page | OR Code | Vacant / Improved | Qualified Sale | Sale RCode | Sale Price |
|---|---|---|---|---|---|---|
| 12/22/1992 | 768/2174 | WD | I | Q | | $80,000.00 |

## Building Characteristics

| Bldg Item | Bldg Desc | Year Blt | Ext. Walls | Heated S.F. | Actual S.F. | Bldg Value |
|---|---|---|---|---|---|---|
| 1 | SINGLE FAM (000100) | 1957 | BD/BATTEN (06) | 1466 | 2550 | $50,252.00 |
| | Note: All S.F. calculations are based on exterior building dimensions. | | | | | |

## Extra Features & Out Buildings

| Code | Desc | Year Blt | Value | Units | Dims | Condition (% Good) |
|---|---|---|---|---|---|---|
| 0294 | SHED WOOD/ | 0 | $150.00 | 0000001.000 | 0 x 0 x 0 | (000.00) |
| 0190 | FPLC PF | 0 | $2,400.00 | 0000002.000 | 0 x 0 x 0 | (000.00) |

## Land Breakdown

| Lnd Code | Desc | Units | Adjustments | Eff Rate | Lnd Value |
|---|---|---|---|---|---|
| 000132 | SFR RIVER (MKT) | 100 FF - (0000000.681AC) | 1.00/1.00/1.00/1.00 | $950.00 | $95,000.00 |

Columbia County Property Appraiser updated: 3/2/2017

OBSOLETE

**SUBCONTRACTOR VERIFICATION FORM**

APPLICATION NUMBER 1706-87 CONTRACTOR Guy Williams PHONE 386-365-3611

**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** 37 | Print Name Donald R. Hollingsworth<br>License #: EC13005429 Holly Electric Inc | Signature<br>Phone #: 386-755-5944 |
| **MECHANICAL/ A/C** 327 | Print Name Harry Mosley<br>License #: RA0063316 | Signature Harry Mosley<br>Phone #: 386752-2308 |
| **PLUMBING/ GAS** 715 | Print Name Barrs Plumbing<br>License #: CFC 1427145 | Signature Cathy Barrs<br>Phone #: 386-623-0804 |
| **ROOFING** 359 | Print Name Darin L. Summerlin<br>License #: CCC1326192 | Signature<br>Phone #: 386-288-5426 |
| **SHEET METAL** | Print Name<br>License #: | Signature<br>Phone #: |
| **FIRE SYSTEM/ SPRINKLER** | Print Name<br>License#: | Signature<br>Phone #: |
| **SOLAR** | Print Name<br>License #: | Signature<br>Phone #: |

| Specialty License | License Number | Sub-Contractors Printed Name | Sub-Contractors Signature |
|---|---|---|---|
| MASON | 620 | Stevens Masonary | |
| CONCRETE FINISHER | 310 | Painted Concrete | |
| FRAMING | 35 | Ponton Constion | |
| INSULATION | 000240 | Emmer Seal Inc | |
| STUCCO | [redacted] | | |
| DRYWALL | 838 | Jerry Ruzicka | |
| PLASTER | | | |
| CABINET INSTALLER | | SLK Const | |
| PAINTING | 355 | Preferred Painters | |
| ACOUSTICAL CEILING | | | |
| GLASS | | | |
| CERAMIC TILE | 826 | Ryan Flooring Covering | |
| FLOOR COVERING | 546 | Ryan Flooring Covering | |
| ALUM/VINYL SIDING | 481 | Hunts Aluminum | |
| GARAGE DOOR | CBC050696 | SLK Const | |
| METAL BLDG ERECTOR | | | |

VOID

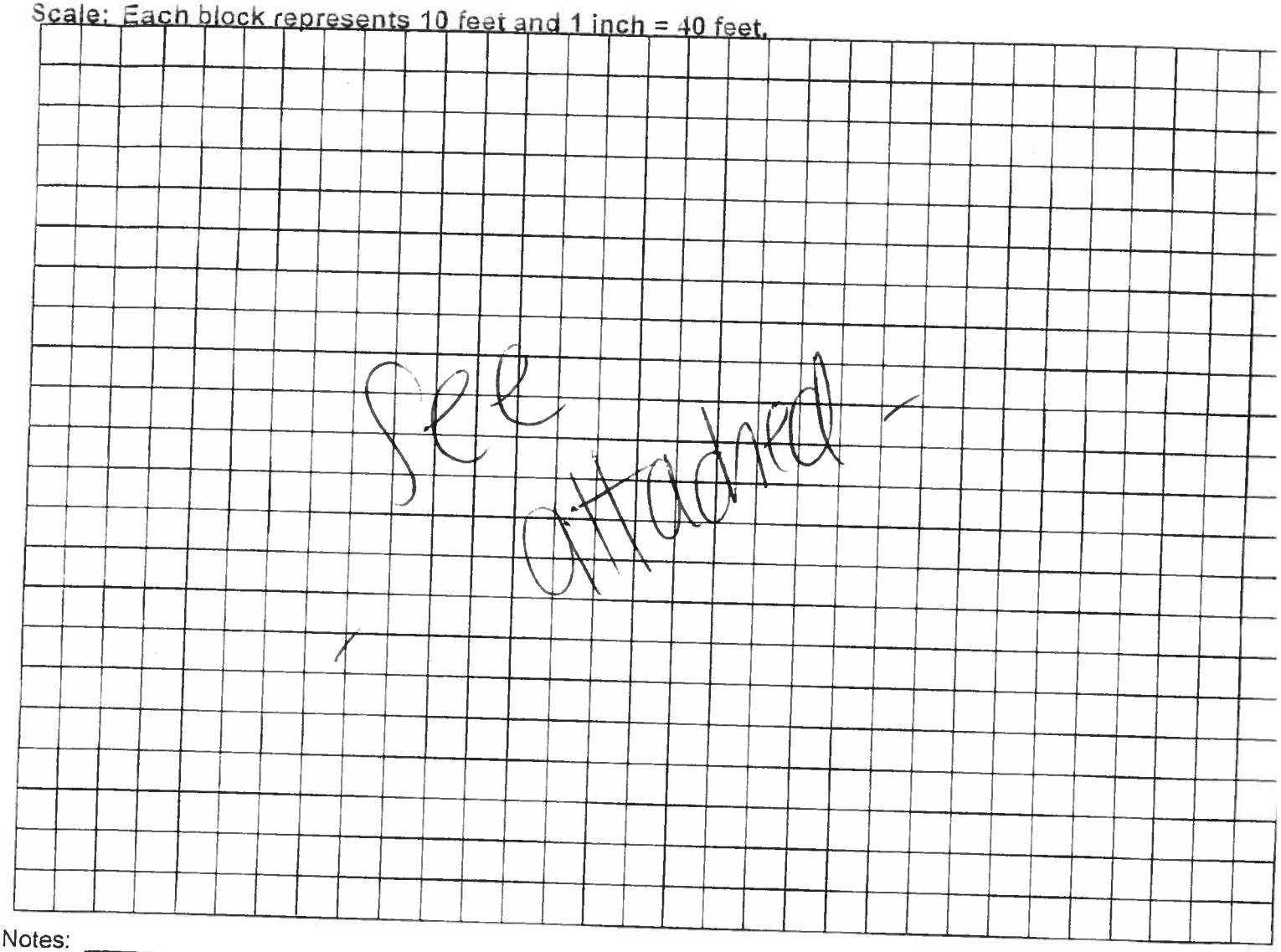
**F. S. 440.103 Building permits; identification of minimum premium policy.**--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10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

# STATE OF FLORIDA
# DEPARTMENT OF HEALTH
## APPLICATION FOR CONSTRUCTION PERMIT

Permit Application Number 17-0446

---------- PART II - SITEPLAN ----------

Scale: Each block represents 10 feet and 1 inch = 40 feet.



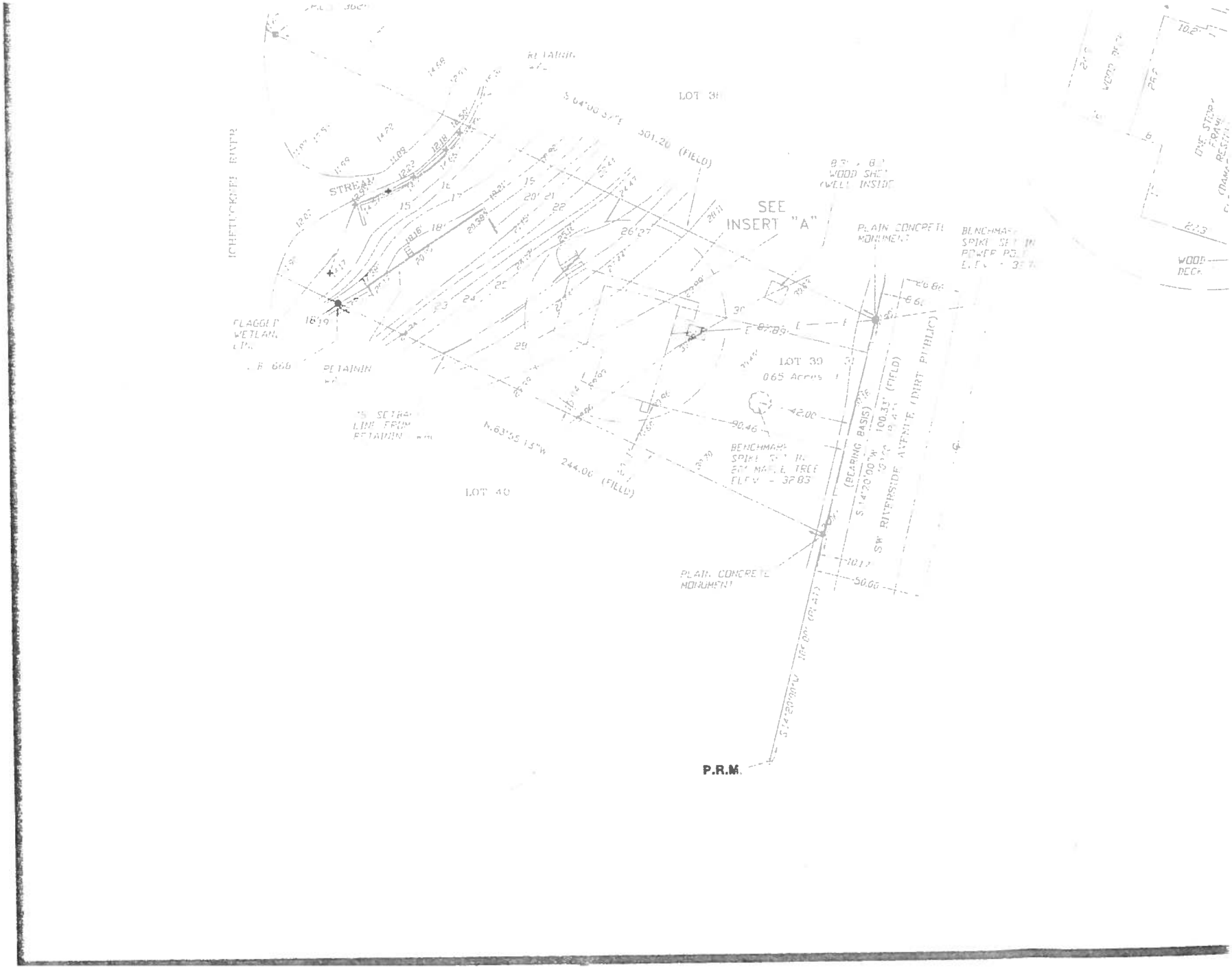

Notes: _____

Site Plan submitted by: _____ Agent

Plan Approved ____ Not Approved ____ Date 5-1-17

By _____ Environmental Health Mgr County Health Department

**ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT**


LOT 38
S 64°00 54"E 301.20 (FIELD)
STREAM
SEE
INSERT "A"
PLAIN CONCRETE
MONUMENT
LOT 39
065 Acres
42.00
90.46
BENCHMARK
SPIKE
24" MAPLE TREE
ELEV. = 32.83
N.63°55'15"W 244.00 (FILLED)
LOT 40
PLAIN CONCRETE
MONUMENT
S 14°20'00"W 100.33' (FIELD)
SW RIVERSIDE AVENUE (DIRT PUBLIC)
50.00
S 14°20'00"W
P.R.M.

8:07:55 AM 7/7/2017

## Licensee Details

### Licensee Information

| | |
|---|---|
| Name: | **MONVILLE, ERIC PAUL (Primary Name)** |
| Main Address: | **812 BAYSHORE DRIVE**<br>**NOKOMIS Florida 34275** |
| County: | **SARASOTA** |
| License Mailing: | |
| LicenseLocation: | |

### License Information

| | |
|---|---|
| License Type: | **Professional Engineer** |
| Rank: | **Prof Engineer** |
| License Number: | **79431** |
| Status: | **Current,Active** |
| Licensure Date: | **06/10/2015** |
| Expires: | **02/28/2019** |

| Special Qualifications | Qualification Effective |
|---|---|
| **Civil** | **01/28/2015** |

### Alternate Names

View Related License Information

View License Complaint

- STATE FARM - INS

PAYMENT NO 5 19 605304 Q
PAYMENT AMOUNT $190,016.00
ISSUE DATE 02-28-2017
AUTHORIZED BY CORBETT, ROBERT
PHONE (844) 529-5982

CLAIM NO 59-0802-0S2
LOSS DATE 02-07-2017
POLICY NO 80-T51499-1
INSURED RONSONET, NORBIE J & MARTHA

NORBIE J. RONSONET
PO BOX 1446
LAKE CITY FL 32056-1446

REMARKS Total loss payment

| COVERAGE DESCRIPTION | ON BEHALF OF | AMOUNT |
|---|---|---|
| WIND OR HAIL - BUILDING | RONSONET, NORBIE J & MARTHA | 190,016.00 |

RETAIN STUB FOR RECORDS

**Jerome J. Leszkiewicz, P.E.**
**Consulting Engineer**
**787 SE Evergreen Drive**
**Lake City, FL 32025**
Home: (386) 752-1713
Cell: (386) 965-8201

FEBRUARY 20, 2017

MR. JOHN W. BURNS, III, AGENT
STATE FARM INSURANCE
234 SW. MAIN BLVD.
LAKE CITY, FL 32025

REPORT
EVALUATION OF STRUCTURAL DAMAGE
RONSONET RIVER HOUSE
910 SW RIVERSIDE AVE
FORT WHITE, FL

## INTRODUCTION

AN INSPECTION VISIT OF THE RONSONET RIVER HOME WAS MADE ON FEBRUARY 16, 2017 TO DETERMINE THE DEGREE OF STRUCTURAL DAMAGE THAT OCCURRED DURING A SEVERE WINDSTORM ON FEBRUARY 7, 2017. I WAS ACCOMPANIED BY MR. SAMMY KEEN, A GENERAL CONTRACTOR WHO RECENTLY COMPLETED IMPROVEMENTS TO THE HOME.

## DESCRIPTION OF THE HOUSE

THE HOUSE IS A SINGLE STORY WOOD FRAMED STRUCTURE ABOUT 1200 TO 1500 SQUARE FEET IN SIZE, AND IS ESSENTIALLY RECTANGULAR IN SHAPE. THE RIDGELINE OF THE LOW PITCH, METAL GABLE ROOF IS ORIENTED PARALLEL TO THE UNPAVED STREET IN FRONT AS WELL AS TO THE ICHETUCKNEE RIVER AND RIVER VALLEY BEHIND THE HOME, AND RUNS IN A ROUGHLY NORTH-SE[illegible]/,

SOUTHWEST DIRECTION. THE HOUSE HAS WOOD SIDING AND IS SUPPORTED ON STEEL REINFORCED CONCRETE FILLED CEMENT BLOCK PIERS ABOUT 6 FEET IN HEIGHT. THE STRUCTURE WAS ORIGINALLY BUILT ABOUT 20 YEARS AGO ON A SHALLOW CRAWL SPACE CLOSE TO EXISTING GRADE. RECENTLY, THE OWNER ADDED A COUPLE OF ROOMS TO THE SOUTH SIDE OF THE BUILDING AND HAD THE ENTIRE STRUCTURE ELEVATED TO BRING THE FLOOR LEVEL ABOVE THE 100 YEAR FLOOD LEVEL. THE LIVING ROOM CONTAINS A LARGE STONE FIREPLACE AND STONE CHIMNEY THAT IS ALSO SUPPORTED ON CONCRETE PIERS.

## DESCRIPTION OF STRUCTURAL DAMAGE

DURING THE STORM, HIGH WINDS COMING OUT OF THE ~~THE NORTH TO NORTHWEST~~ DIRECTION UPROOTED A LARGE TREE IN THE BACK YARD HAVING A TRUNK DIAMETER OF ABOUT 30 INCHES, AND BLEW IT OVER ONTO THE ROOF AND REAR WALL OF THE HOUSE. THE TREE FELL PERPENDICULAR TO THE RIDGELINE ROUGHLY IN THE CENTER OF THE STRUCTURE. THE TRUNK OF THE TREE CRUSHED THROUGH THE REAR WALL AND ROOF JUST MISSING THE STONE FIREPLACE IN THE LIVING ROOM. THE TREE TRUNK CAME TO REST ON THE BACKYARD SIDE OF THE ROOF JUST SHORT OF THE RIDGELINE. IT BROKE THROUGH THE METAL ROOF AND CATHEDRAL CEILING, AS WELL AS THE UPPER PORTION OF THE REAR WALL - BUT DID NOT PIERCE THE WOOD FLOOR. SOME OF THE TREE BRANCHES DAMAGED OTHER AREAS OF THE ROOF. THE FALLEN TREE WAS REMOVED PRIOR TO MY VISIT AND TARPS HAD BEEN PLACED OVER THE DAMAGE CAUSED BY THE TREE. PHOTOGRAPHS OF THE BACK OF THE HOUSE AND AN INTERIOR VIEW OF THE BACK WALL IN THE LIVING ROOM ARE ATTACHED.

INSPECTION OF THE UNDERSIDE OF THE HOUSE DID NOT REVEAL ANY EVIDENCE THAT THE CONCRETE PIERS HAD BEEN DISTURBED OR DAMAGED. WITH THE EXCEPTION OF A 150 SQUARE FOOT AREA

BELOW THE LIVING ROOM DIRECTLY UNDER WHERE THE TREE FELL, THE FLOOR JOISTS AND FLOOR APPEARED UNDISTURBED. HOWEVER, THE WOOD FLOOR AND FLOOR JOISTS DIRECTLY BELOW WHERE THE TREE STRUCK THE HOUSE HAVE BEEN DAMAGED BY THE DOWNWARD FORCE OF THE TREE TRUNK IMPACTING THE TOP PLATE AND VERTICAL STUDS IN THE LOAD BEARING WALL. A SEMI-CIRCULAR AREA OF THE LIVING ROOM ABOUT 15 FEET WIDE ALONG THE BACK WALL HAS BEEN DISPLACED DOWNWARD BY UP TO 1/2 INCH. THE UNDERLYING JOISTS AND POSSIBLY THE JOIST END BOARD HAVE ALSO BEEN PUSHED DOWNWARD AND DISPLACED FROM THEIR "AS-BUILT" CONDITION. UPON EXAMINATION, I FOUND A TWO FOOT LONG LATERAL CRACK IN ONE FLOOR JOIST NEXT TO WHERE THE JOIST WAS SUPPORTED BY A CONCRETE PIER.

INSPECTION OF THE INTERIOR OF THE HOUSE DISCLOSED THAT WITH EXCEPTION TO THE LOCALIZED AREA AROUND THE FIREPLACE CHIMNEY, THE ENTIRE HOUSE ROOF AND ROOM CEILINGS HAD BEEN DISPLACED HORIZONTALLY ABOUT 3/4 INCH IN A SOUTHERLY DIRECTION. THIS HAS CAUSED THE RACKING OF ALL THE EXTERIOR AND INTERIOR HOUSE WALLS BETWEEN THE FLOOR AND THE CEILING. THE ROOF OF THE HOUSE IS NOW OFFSET 3/4 INCH FROM THE FLOOR, AND ALL WALLS ARE NO LONGER VERTICAL. THE DIRECTION OF ROOF DISPLACEMENT OCCURRED AT ABOUT A 45 DEGREE ANGLE TO THE RIDGELINE. THIS MEANS THAT ALL WALLS THAT ARE PERPENDICULAR TO THE RIDGELINE HAVE BEEN RACKED 3/4 INCH TOWARD THE STREET, AND LEAN ABOUT 3/4 INCH TOWARD THE SOUTH. WALLS PARALLEL TO THE RIDGELINE HAVE BEEN RACKED TO THE SOUTH AND ALSO LEAN TOWARD THE FRONT OF THE HOUSE. ALL WINDOWS AND DOORS OF THE HOUSE NO LONGER OPEN AND CLOSE PROPERLY BECAUSE THE WINDOW AND DOOR FRAMES ARE OUT OF SQUARE BY 1/2 TO 5/8 INCH, AS SHOWN IN THE ATTACHED PHOTO. THE RACKING OF THE HOUSE WALLS HAS ALSO CAUSED CRACKS TO OPEN IN THE DRYWALL WHERE THE

WALLS MEET THE CEILING. A PHOTO OF A CRACK THAT OPENED BETWEEN A KITCHEN CABINET AND CEILING IS ATTACHED.

THE RACKING OF THE HOUSE WALLS HAS SERIOUSLY COMPROMISED THE STRUCTURAL INTEGRITY OF THE HOUSE, AND HAS LEFT IT IN A WEAKENED CONDITION. THE STRENGTH OF THE WOOD FRAMED STRUCTURE IS TOTALLY DEPENDENT ON THE RIGIDNESS OF THE CONNECTION MEMBERS AND THE RIGIDITY OF THE CONNECTING METAL/WOODEN MEMBERS. IN THIS HOUSE, ALL THE CONNECTIONS BETWEEN THE VERTICAL WALL STUDS AND THE BASE PLATE AT THE FLOOR WERE MADE BY NAILS THAT WERE TOED IN. THE SAME IS TRUE AT THE TOP OF THE WALL, AND FOR ALL CROSS BRACING WITHIN THE WALL. THE RACKING OF THE ENTIRE HOUSE BY 3/4 INCH MAY NOT SEEM SIGNIFICANT, BUT EACH AND EVERY NAILED CONNECTION IN EVERY WALL HAS BEEN TWISTED, AND LOOSENED BY THE FORCE OF PULL OUT EVEN THOUGH THE AMOUNT OF NAIL MOVEMENT IS LESS THAN 1/16 INCH. THE FACT THAT THE ENTIRE ROOF HAS BEEN DISPLACED 3/4 INCH TO THE SOUTH AROUND THE RIGID CHIMNEY ALSO IMPLIES THAT SOME STRUCTURAL DAMAGE HAS OCCURRED TO THE ROOF RAFTERS AND DECKING IN THAT AREA. I DID NOT GET THE OPPORTUNITY TO GET ON THE ROOF TO DETERMINE THE CONDITION OF THE ROOF FRAMING, WHICH WILL AFFECT THE ALIGNMENT AND INTEGRITY OF THE ROOF FRAMING SYSTEM.

## CONCLUSION AND RECOMMENDATIONS

IN MY PROFESSIONAL OPINION, THAT THE RACKING OF ALL THE WALLS OF THE HOUSE HAS SERIOUSLY WEAKENED THE STRUCTURE AND COMPROMISED ITS INTEGRITY. REPAIRS CAN BE MADE TO THE VISIBLE DAMAGE, BUT THE REPAIR OF EACH AND EVERY NAILED CONNECTION IN ALL OF THE WALLS OF THE HOUSE CANNOT BE MADE WITHOUT COMPLETELY DISASSEMBLING THE BUILDING. IF THE WALLS ARE LEFT IN THEIR CURRENT DAMAGED CONDITION, AND OTHER REPAIRS MADE, THE STRUCTURE WILL BE

EASILY DAMAGED AGAIN IN FUTURE WINDSTORMS EVEN THOUGH WINDSPEEDS MAY NOT BE AS HIGH AS THOSE WINDS THAT OCCURRED ON FEBRUARY 7, 2017. FURTHERMORE, EVERY TIME THE WIND BLOWS BRISKLY, THE HOUSE MAY SWAY BACK AND FORTH EVER SO SLIGHTLY CAUSING FURTHER DAMAGE TO THE WEAKENED WALL CONNECTIONS. EVENTUALLY, OCCUPANTS MAY HEAR THE WALLS CREEK WHEN THE WIND BLOWS, AND NOTICE THE HOUSE SWAYING.

IT IS MY CONCLUSION, THAT THE INSURED HOUSE IS A TOTAL LOSS. THE STRUCTURE ABOVE FLOOR LEVEL SHOULD BE COMPLETELY DEMOLISHED AND RE-BUILT IN COMPLIANCE WITH THE FLORIDA BUILDING CODE.

VERY TRULY YOURS,

JEROME J. LESZKIEWICZ, P.E.

ENCLOSURE – PHOTOGRAPHS

53482
2/20/17

VIEW OF BACK OF HOUSE

VIEW OF BACK WALL OF LIVING ROOM

RACKING OF WALL VISIBLE IN DOORWAY OPENING

CRACK SEPARATING KITCHEN CABINET FROM CEILING

**Columbia County Building Department**
**Flood Development Permit**

**Development Permit**
**F 023- 17-013**

DATE 08/01/2017 BUILDING PERMIT NUMBER 000035639

APPLICANT SAMMY KEEN PHONE 386.365.3646

ADDRESS 764 SW RIVERSIDE AVENUE FT. WHITE FL 32038

OWNER NORBIE & MARTHA RONSONET PHONE 386.752.6504

ADDRESS 910 SW RIVERSIDE AVENUE FT. WHITE FL 32038

CONTRACTOR GUY WILLIAMS PHONE 386.365.3646

ADDRESS 764 SW RIVERSIDE AVENUE FT. WHITE FL 32038

SUBDIVISION 3 RIVERS ESTATES Lot 39 Block ___ Unit 1 Phase ___

TYPE OF DEVELOPMENT SFD/UTILITY PARCEL ID NO. 26-6S-15-00555-000

---

FLOOD ZONE AE BY BMS 2-4-2009 FIRM COMMUNITY # 120070 - PANEL # 0458C

FIRM 100 YEAR ELEVATION 33.0' PLAN INCLUDED YES or (NO)

REQUIRED LOWEST HABITABLE FLOOR ELEVATION 34.0'

IN THE REGULATORY FLOODWAY YES or (NO) RIVER SUWANNEE

SURVEYOR / ENGINEER NAME ERIC P. MONVILLE, PE LICENSE NUMBER PE 79431

---

✓ ONE FOOT RISE CERTIFICATION INCLUDED

___ ZERO RISE CERTIFICATION INCLUDED

___ SRWMD PERMIT NUMBER ___
(INCLUDING THE ONE FOOT RISE CERTIFICATION)

DATE THE FINISHED FLOOR ELEVATION CERTIFICATE WAS PROVIDED ___

---

INSPECTED DATE ___ BY ___

COMMENTS ___

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

PERMIT EXPIRES ONE YEAR FROM THE DATE OF ISSUANCE

# HERITAGE BUILDERS

# One Foot Rise Certification

4913 NW 173rd St
Alachua Fl
32615

941-408-5244
eric@heritage-designbuild.com
heritagebuildersconstruction.com

This document is to certify that the proposed Ronsonet Residence (at 910 Sw Riverside Ave, ft white fl 32038) will have less than a 1 ft rise impact on the floodplain at the project location.

This new residence requires no fill, and is replacing an existing structure. Calculations on next page.

Owners: Ronsonet, Norbie & Marth Ann

Parcel: 00-00-00-00555-000

Base Flood Elevation: 33.2 feet

This form respectfully submitted by:

ERIC P. MONVILLE LICENSE No 79431 STATE OF FLORIDA PROFESSIONAL ENGINEER

Eric P. Monville, P.E.
Vice President
PE 79431

July 19, 2017

# One Foot Rise Calculation

OWNERS: Ronsonet, Norbie & Marth Ann

ADDRESS: 910 SW RIVERSIDE AVE, FT. WHITE, FL, 320238

PARCEL: 00-00-00-00555-000

BASE FLOOD ELEVATION: 33.2 feet

PROJECT: The Ronsonets are building a new house to replace their old one that was destroyed in a storm. The house will be sitting on 16" x 16" concrete piers. The piers are the only thing that will be below the flood plain, so calculations are based on the volume of these piers below the flood plain. This volume was calculated to be 216.7 cf based on the property elevations from the survey of the property, the proposed floor plan, and the base flood elevation

PROJECT AREA: .68 acres ((29,620.8 sf)

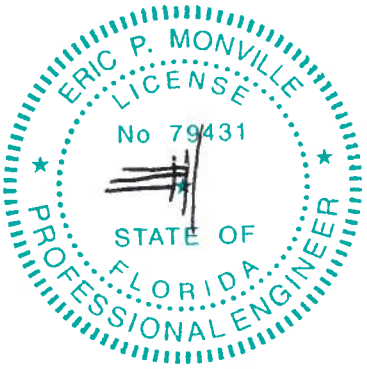
FLOOD PLAIN AREA REPLACED WITH PIERS: 216.7 cf

FLOOD PLAIN LEVEL INCREASE ON PROPERTY:

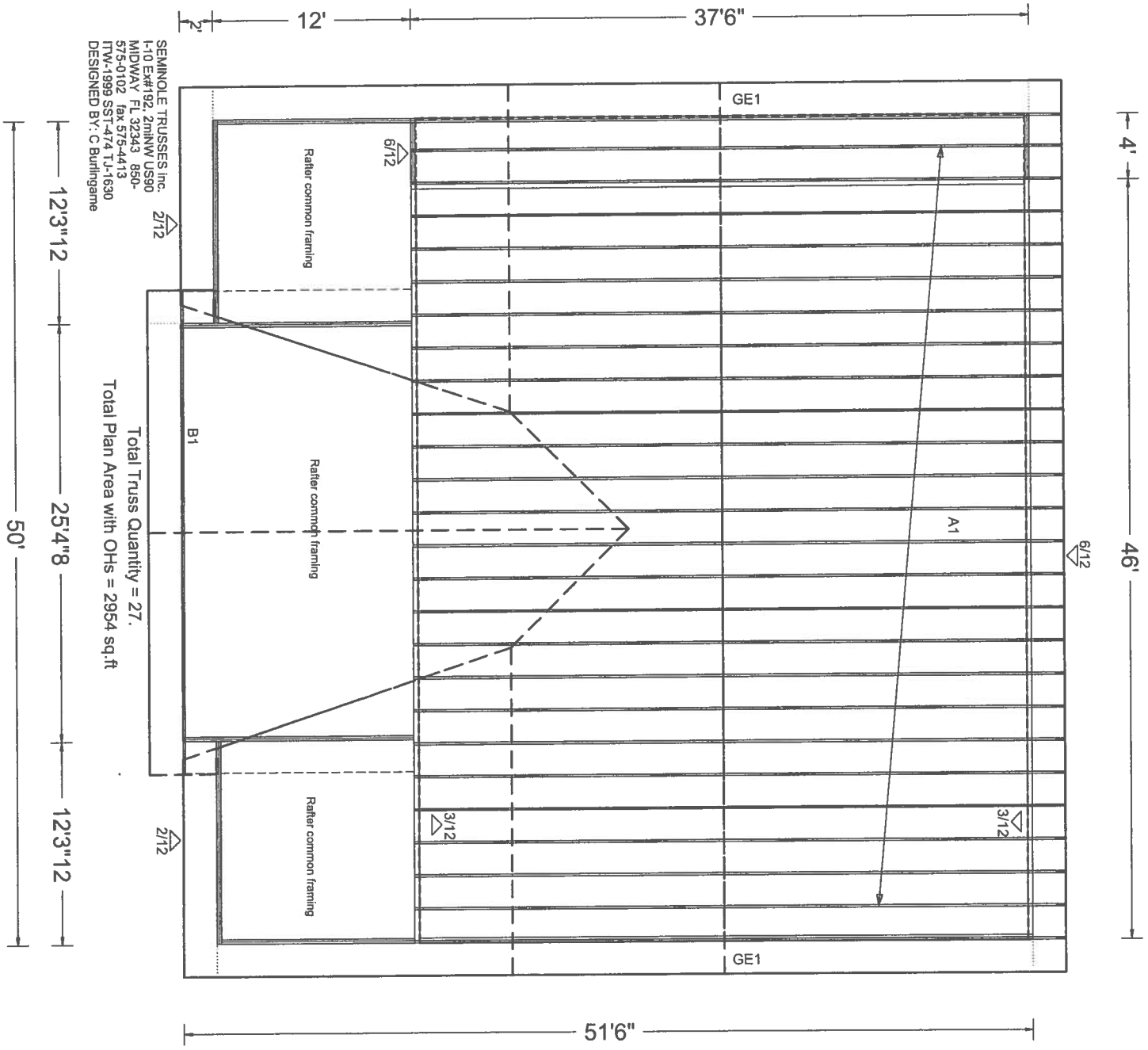
(Property Area) x (water rise) = Volume of piers below BFE

| | | | |
|---|---|---|---|
| 29,620.8 | x | d | = 216.7 |
| | | d | = 216.7 / 29620 |
| | | d | = .007' |

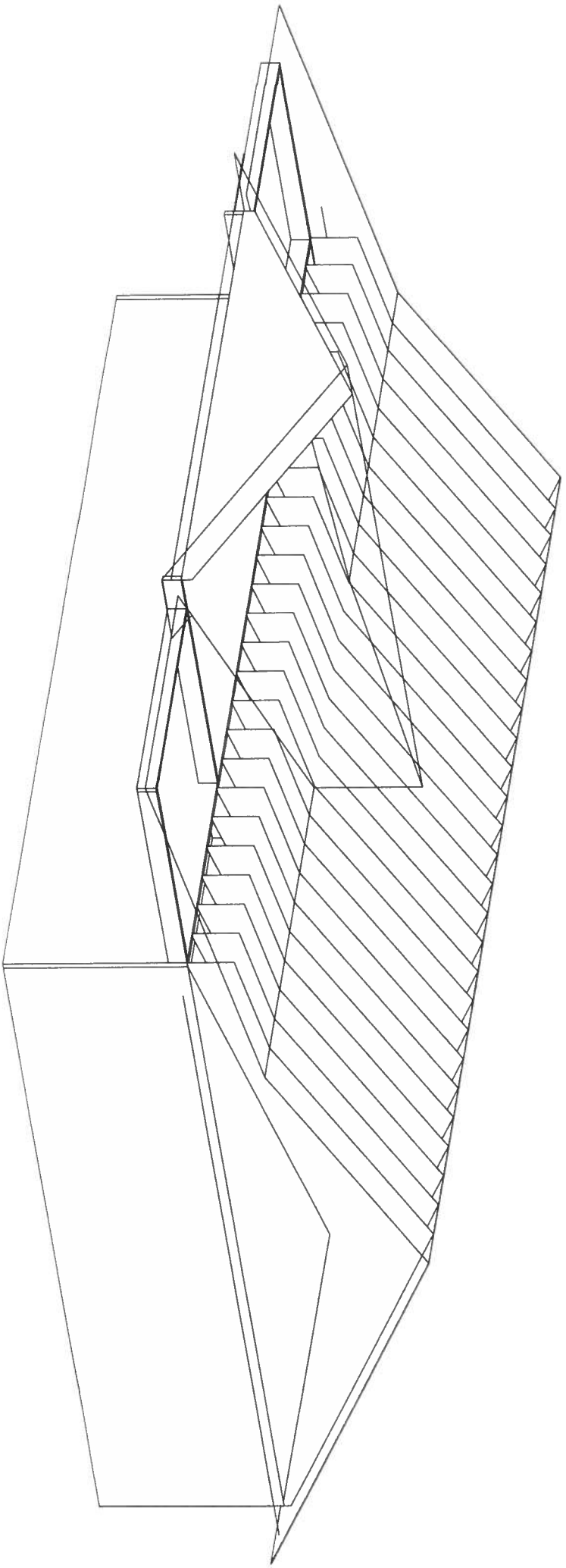
SUMMARY: if the flood plain were confined to the area of the Ronsonet property, it would rise .007 ft. Since the flood plain is actually much larger, the effect of the new house will be much less than 1'.

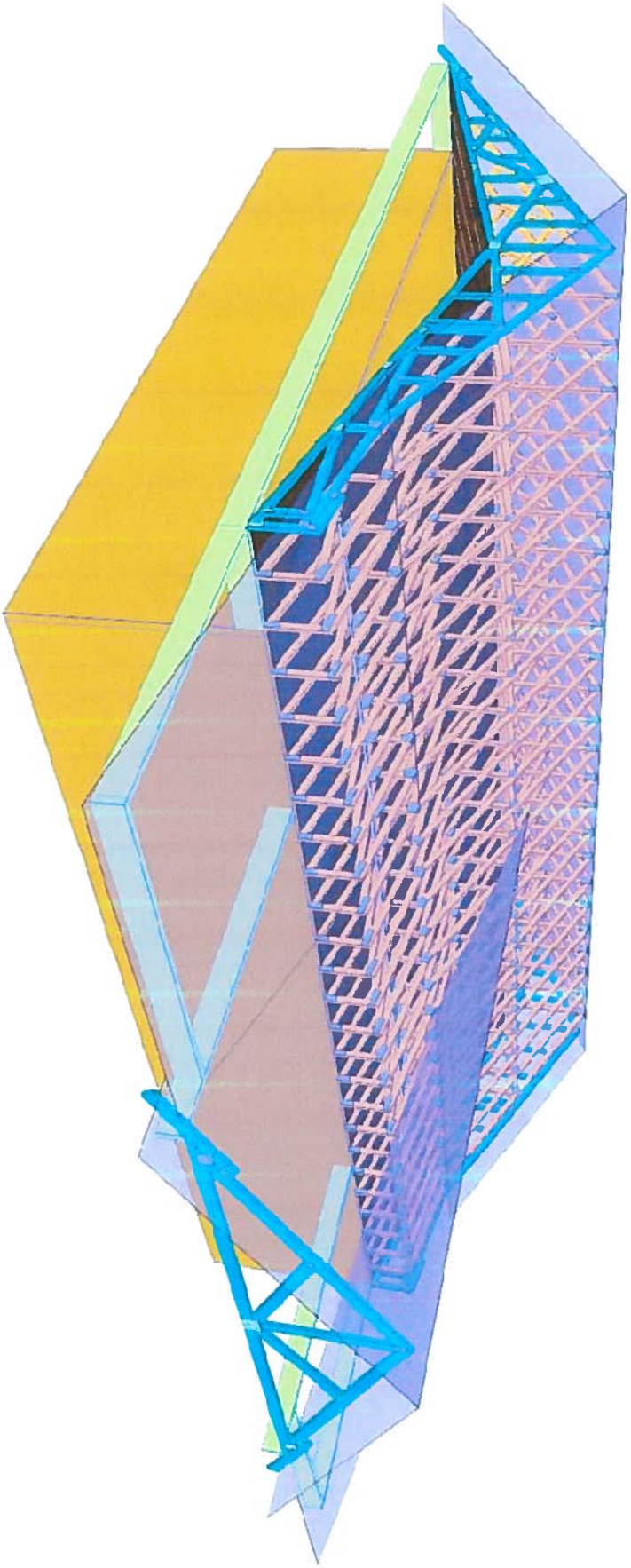



Eric P. Monville, P.E.
Vice President
PE 79431




| | | | | |
|---|---|---|---|---|
| PAGE NO: 1 OF 1 | JOB NO: B46173f | Job Name: Ronsonet River House ROOF<br>Customer: Curt Burlingame<br>Designer: RiChard Jackson<br>PlanName: Norbie Ronsonet<br>Created : 10-04-2017<br>SemRef# : B46173f | | SEMINOLE TRUSS |





Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3 :W9 2x4 SP #1.

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

MAX CSI: TC = 0.82, BC = 0.99, WEBS = 0.99.

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

Calculated vertical deflection is 0.53" due to live load and 0.69" due to dead load at X = 18-9-0.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=4.2 psf, wind BC DL=5.2 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

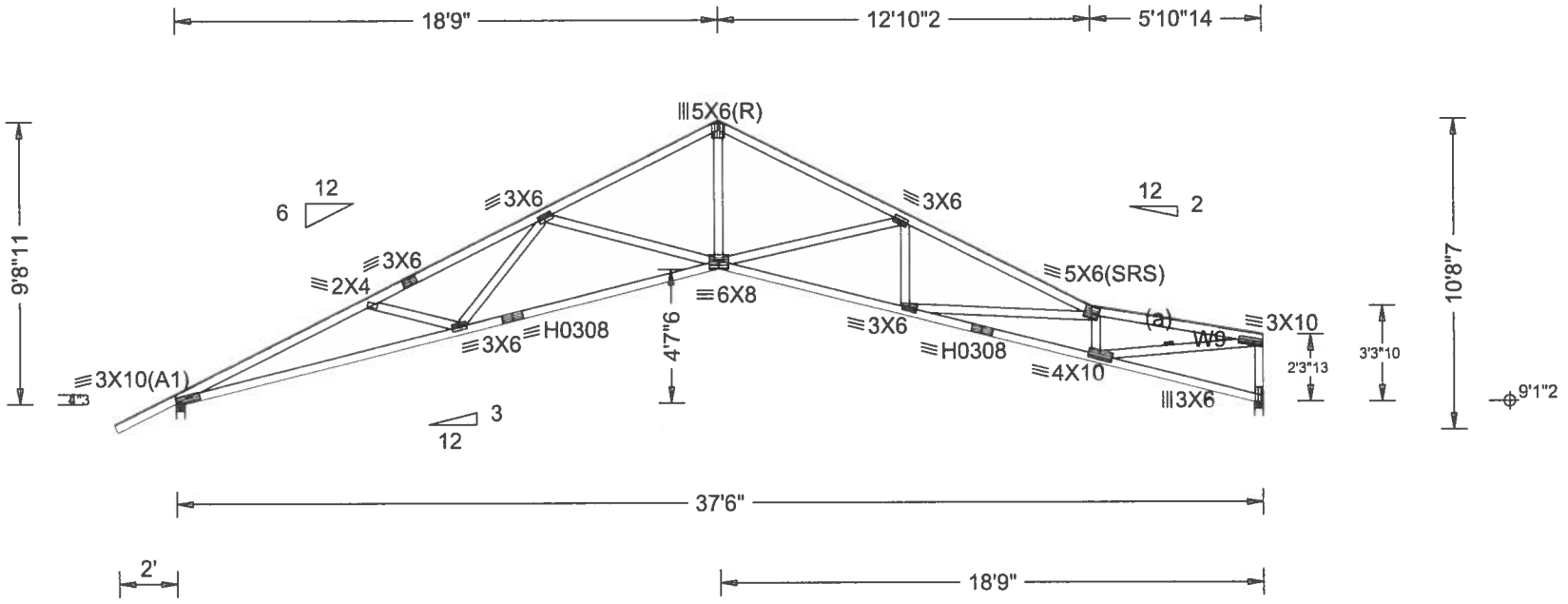
Right end vertical exposed to wind pressure. Deflection meets L/180.

Calculated horizontal deflection is 0.37" due to live load and 0.48" due to dead load.

(a) Continuous lateral restraint equally spaced on member. Or 1x4 #3SRB SPF-S or better "T" reinforcement. 80% length of web member. Attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Plates sized for a minimum of 3.50 sq.in./piece.




R=1553# U=330# RL=288/-263# W=3"8
(Fcperp 425psi)

R=1413# U=288# W=3"8
(Fcperp 425psi)

LEFT RAKE = 2'2"13

DESC. = A1
PLT. TYP.-WAVE

DESIGN CRIT=FBC2014RES/TPI-2007 FT/RT=20%(0%)/ 0(0)

QTY= 24 TOTAL= 24

REV. 16.01.00F.0504.20

SEQ = 27323
SCALE =0.1667

SEMINOLE TRUSSES

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.

A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.

For more information see this job's general notes page and these web sites:
ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

| | |
|---|---|
| TC LL | 20.0psf |
| TC DL | 7.0psf |
| BC DL | 10.0psf |
| BC LL | 0.0psf |
| TOT.LD. | 37.0psf |
| DUR.FAC. | 1.25 |
| SPACING | 24.0" |

| | |
|---|---|
| REF | |
| DATE | 10-04-2017 |
| DRWG | |
| | CVB |
| O/A LEN. | 370600 |
| JOB #: | B46173f |
| TYPE | COMN |

Value Set: 13B (Effective 6/1/2013)

Top chord 2x6 SP #1
Bot chord 2x6 SP #1
Webs 2x6 SP #1
:Stack Chord SC1 2x6 SP #1::Stack Chord SC2 2x6 SP #1:

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

MAX CSI: TC = 0.54, BC = 0.68, WEBS = 0.30.

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

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

Plates sized for a minimum of 3.50 sq.in./piece.

All plates are 2X4(C5) except as noted.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=4.2 psf, wind BC DL=5.2 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

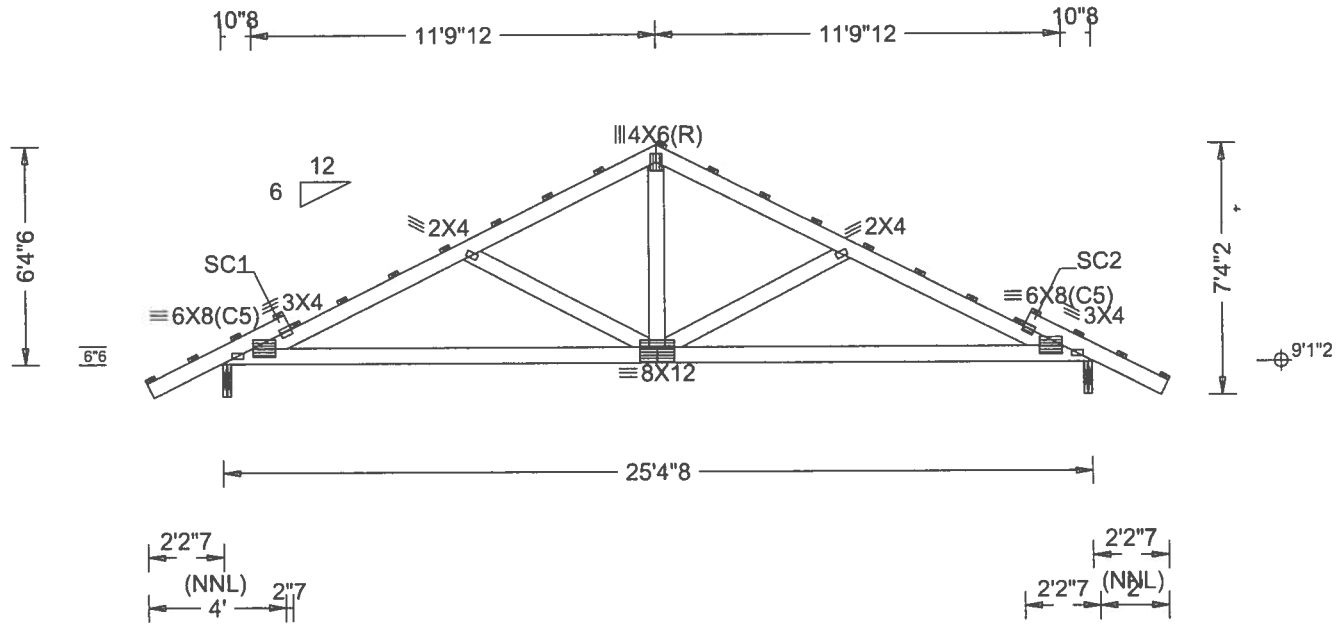
Truss designed to support 1-4-0 top chord outlookers and cladding load not to exceed 6.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched.

See DWGS A14015ENC101014 & GBLLETIN1014 for gable wind bracing requirements.

Purlins are shown to indicate required spacing only. Purlin size, grade, orientation and placement shall comply with the Building Designer's requirements.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.




R=1552# U=340# RL=297/-297# W=3"
(Fcperp 425psi)

R=1552# U=340# W=3"
(Fcperp 425psi)

LEFT RAKE = 2'2"13

RIGHT RAKE = 2'2"13

DESC. = B1
PLT. TYP.-WAVE

DESIGN CRIT=FBC2014RES/TPI-2007 FT/RT=20%(0%)/ 0(0)

QTY= 1 TOTAL= 1

REV. 16.01.00F.0504.20

SEQ = 27540
SCALE =0.1875

SEMINOLE TRUSSES

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.

A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.

For more information see this job's general notes page and these web sites:
ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

| | | | |
|---|---|---|---|
| TC LL | 20.0psf | REF | |
| TC DL | 7.0psf | DATE | 10-04-2017 |
| BC DL | 10.0psf | DRWG | |
| BC LL | 0.0psf | | CVB |
| TOT.LD. | 37.0psf | O/A LEN. | 250408 |
| DUR.FAC. | 1.25 | JOB #: | B46173f |
| SPACING | 24.0" | TYPE | GABL |

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3 :W3, W5, W7 2x4 SP M-30:
:W9 2x4 SP #1:
:Stack Chord SC2 2x4 SP #1:

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

All plates are 2X4 except as noted.

MAX CSI: TC = 0.84, BC = 0.55, WEBS = 0.85.

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

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=4.2 psf, wind BC DL=5.2 psf. GCpi(+/-)=0.18

Truss designed to support 1-4-0 top chord outlookers and cladding load not to exceed 6.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched.

See DWGS A14015ENC101014 & GBLLETIN1014 for gable wind bracing requirements.

Purlins are shown to indicate required spacing only. Purlin size, grade, orientation and placement shall comply with the Building Designer's requirements.

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

Plates sized for a minimum of 3.50 sq.in./piece.

Wind loads and reactions based on MWFRS with additional C&C member design.

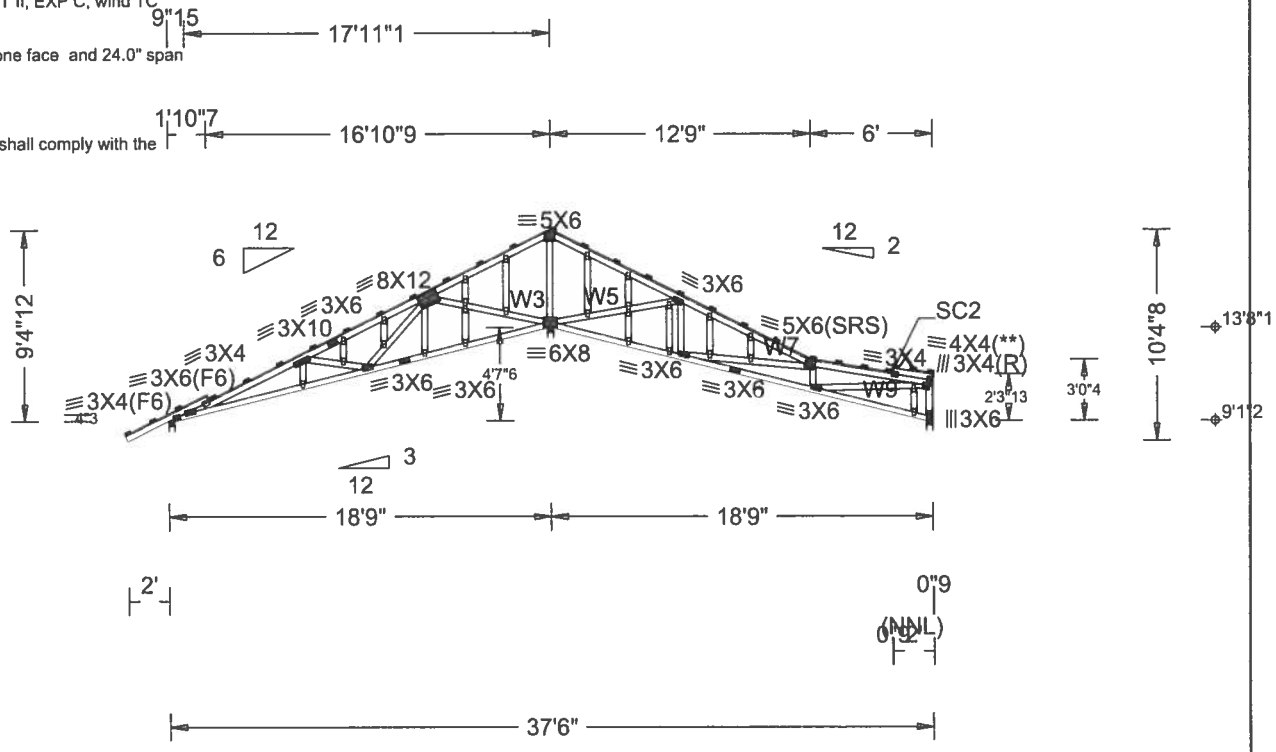
Right end vertical exposed to wind pressure. Deflection meets L/180.

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

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Shim all supports to solid bearing.




R=668# U=193# RL=374/-348# W=3"8
(Fcperp 425psi)

R=2885# U=587# W=3"8
(Fcperp 565psi)

R=499# U=135# W=3"8
(Fcperp 425psi)

LEFT RAKE = 2'2"13

DESC. = GE1
PLT. TYP.-WAVE

DESIGN CRIT=FBC2014RES/TPI-2007 FT/RT=20%(0%)/ 0(0)

QTY= 2 TOTAL= 2

REV. 16.01.00F.0504.20

SEQ = 27902
SCALE =0.1113

SEMINOLE TRUSSES

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

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| | |
|---|---|
| TC LL | 20.0psf |
| TC DL | 7.0psf |
| BC DL | 10.0psf |
| BC LL | 0.0psf |
| TOT.LD. | 37.0psf |
| DUR.FAC. | 1.25 |
| SPACING | 24.0" |

| | |
|---|---|
| REF | |
| DATE | 10-04-2017 |
| DRWG | |
| | CVB |
| O/A LEN. | 370600 |
| JOB #: | B46173f |
| TYPE | GABL |

# HERITAGE BUILDERS

# Plans Change Request

4913 NW 173rd St
Alachua Fl
32615

941-408-5244
eric@heritage-designbuild.com
heritagebuildersconstruction.com

JOB: RONSONET RESIDENCE

ADDRESS: 910 SW RIVERSIDE AVE, FT. WHITE 32038

DATE: 12/1/2017

TO WHOM IT MAY CONCERN,

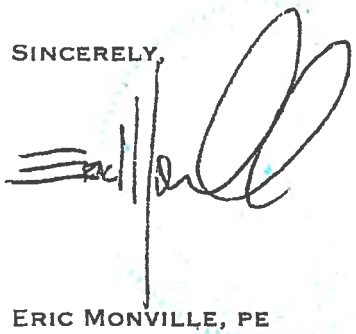
THIS LETTER IS TO CERTIFY A PLANS CHANGE REQUESTED BY THE CONTRACTOR. DURING CONSTRUCTION, THE CONTRACTOR FOUND A WAY TO SIMPLIFY AND IMPROVE SOME OF THE FRAMING METHODS.

THE FRAMING OVER THE WINDOWS IN THE BACK WILL BE MORE STANDARD TO INCLUDE SINGLE BEAM HEADERS. HEADERS AND BOTTOM PLATES WILL BE STRAPPED WITH LSTA24 SIMPSON STRAPS. THE WALL WILL BE SHEATHED WITH WINDSTORM 7/16" SHEATHING, CONTINUOUS FROM BOTTOM TO TOP PLATE. THE BOTTOM PLATE WILL BE LAGGED WITH ½" X 8" LAG BOLTS EVERY 32".

INSTEAD OF THE POST ANCHORS, THE POSTS ON THE DECKS WILL BE BOLTED TO THE BEAMS ON THE TOP AND BOTTOM WITH ½" BOLTS, NUTS AND WASHERS.

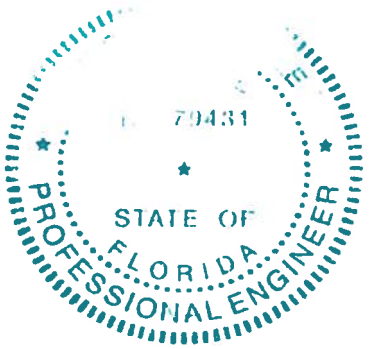
FOR THE WINDOWS ABOVE THE 4' PORCH SLIDING GLASS DOORS, THEY WILL FRAMED AND BUILT IN PLACE. THE GLASS WILL BE TEMPERED AND ¾" THICK (2 PIECES OF ¼" TEMPERED WITH ¼" CHAMBER IN BETWEEN). THE FRAME WILL BE PT 1X4S SCREWED TO FRAMING EVERY 6".

SINCERELY,



ERIC MONVILLE, PE

ASSISTANT PRESIDENT



**HERITAGE BUILDERS**

4913 NW 173rd St
Alachua Fl
32615

941-408-5244
eric@heritage-designbuild.com
heritagebuildersconstruction.com

# Plans Change Request

JOB: RONSONET RESIDENCE

ADDRESS: 910 SW RIVERSIDE AVE. FT. WHITE 32038

DATE: 9/25/2017

TO WHOM IT MAY CONCERN.

THIS LETTER IS TO CERTIFY A PLANS CHANGE REQUESTED BY THE OWNER. THE OWNER WOULD LIKE THE WALL HEIGHT TO BE CHANGED FROM 8' TO 9'.

THE STRUCTURAL DESIGN OF THIS BUILDING, INCLUDING SHEARWALLS, IS SUFFICIENT IF THE WALL HEIGHT IS CHANGED FROM 8' TO 9'.

SINCERELY.

ERIC MONVILLE, PE

ASSISTANT PRESIDENT

COLUMBIA COUNTY BUILDING DEPARTMENT
**RESIDENTIAL CHECK LIST**

MINIMUM PLAN REQUIREMENTS: FLORIDA BUILDING CODE RESIDENTIAL 2014 EFFECTIVE 1 JULY 2015 AND THE NATIONAL ELECTRICAL CODE 2011 EFFECTIVE 1 JULY 2015

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

**ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT 2014 FLORIDA BUILDING CODES RESIDENTIAL, EFFECTIVE 1 JULY 2015. NATIONAL ELECTRICAL CODE 2011 EFFECTIVE 1 JULY 2015. ALL PLANS OR DRAWINGS SHALL PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS.**

**FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FLORIDA BUILDING CODE FIGURE 1609-A THROUGH 1609-C ULTIMATE DESIGN WIND SPEEDS FOR RISK CATEGORY AND BUILDINGS AND OTHER STRUCTURES**
**Revised 12/2016**

| | GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL | Items to Include- Each Box shall be Marked as Applicable Select From the Dropbox |
|---|---|---|
| 1 | Two (2) complete sets of plans containing the following: | - yes |
| 2 | All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void | - yes |
| 3 | Condition space (Sq. Ft.) 1725 Total (Sq. Ft.) under roof 2481 SF | YES NO N/A |

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

## Site Plan information including:

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

## Wind-load Engineering Summary, calculations and any details are required.

| | GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL | Items to Include- Each Box shall be Marked as Applicable YES NO N/A |
|---|---|---|
| 8 | **Plans or specifications must show compliance with FBCR Chapter 3** | |

| | | Select From the Dropbox |
|---|---|---|
| 9 | Basic wind speed (3-second gust), miles per hour | - yes |
| 10 | (Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated) | - NA |
| 11 | Wind importance factor and nature of occupancy | - yes |
| 12 | The applicable internal pressure coefficient, Components and Cladding | - yes |
| 13 | The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component, cladding materials not specifally designed by the registered design professional. | - yes |

## Elevations Drawing including:

| | | |
|---|---|---|
| 14 | All side views of the structure | - yes |
| 15 | Roof pitch | - yes |
| 16 | Overhang dimensions and detail with attic ventilation | - yes |
| 17 | Location, size and height above roof of chimneys | - NA |
| 18 | Location and size of skylights with Florida Product Approval | - NA |
| 18 | Number of stories | - 1 |
| 20A | Building height from the established grade to the roofs highest peak | - yes |

## Floor Plan including:

| | | |
|---|---|---|
| 20 | Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies | - yes |
| 21 | Raised floor surfaces located more than 30 inches above the floor or grade | - yes |
| 22 | All exterior and interior shear walls indicated | - yes |
| 23 | Shear wall opening shown (Windows, Doors and Garage doors) | - yes |
| 24 | Show compliance with Section FBCR 310 Emergency escape and rescue opening shown in each bedroom (net clear opening shown) and Show compliance with Section FBC 1405.13.2 where the opening of an operable window is located more than 72 inches above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches above the finished floor of the room in which the window is located. Glazing between the floor and 24 inches shall be fixed or have openings through which a 4-inch-diameter sphere cannot pass. | - yes |
| 25 | Safety glazing of glass where needed | - yes |
| 26 | Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 and chapter 24 of FBCR) | - yes |
| 27 | Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails | - yes |
| 28 | Identify accessibility of bathroom (see FBCR SECTION 320) | - yes |

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

| GENERAL REQUIREMENTS:<br>APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL | Items to Include- Each Box shall be Marked as Applicable<br>YES / NO / N/A |
|---|---|

## FBCR 403: Foundation Plans

**Select From the Dropbox**

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

## FBCR 506: CONCRETE SLAB ON GRADE

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

## FBCR 318: PROTECTION AGAINST TERMITES

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

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

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

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

## Floor Framing System: First and/or second story

| | | |
|---|---|---|
| 39 | Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer | - yes |

| | | |
|---|---|---|
| 40 | Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers | yes |
| 41 | Girder type, size and spacing to load bearing walls, stem wall and/or priers | yes |
| 42 | Attachment of joist to girder | yes |
| 43 | Wind load requirements where applicable | yes |
| 44 | Show required under-floor crawl space | NA |
| 45 | Show required amount of ventilation opening for under-floor spaces | NA |
| 46 | Show required covering of ventilation opening | NA |
| 47 | Show the required access opening to access to under-floor spaces | yes |
| 48 | Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & intermediate of the areas structural panel sheathing | yes |
| 49 | Show Draftstopping, Fire caulking and Fire blocking | yes |
| 50 | Show fireproofing requirements for garages attached to living spaces, per FBCR section 302.6 | NA |
| 51 | Provide live and dead load rating of floor framing systems (psf). | yes |

YES / NO / N/A

## FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

| GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL | | Items to Include- Each Box shall be Marked as Applicable |
|---|---|---|
| | | **Select From the Dropbox** |
| 52 | Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls | yes |
| 53 | Fastener schedule for structural members per table IRC 602.3 are to be shown | |
| 54 | Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing | yes |
| 55 | Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems | yes |
| 56 | Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per IRC Table 502.5 (1) | yes |
| 57 | Indicate where pressure treated wood will be placed | yes |
| 58 | Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas | yes |
| 59 | A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail | yes |

## FBCR :ROOF SYSTEMS:

| | | |
|---|---|---|
| 60 | Truss design drawing shall meet section FBCR 802.1.6.1 Wood trusses | yes |
| 61 | Include a layout and truss details, signed and sealed by Florida Professional Engineer | yes |
| 62 | Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters | yes |
| 63 | Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details | yes |
| 64 | Provide dead load rating of trusses | yes |

## FBCR 802:Conventional Roof Framing Layout

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

## FBCR 803 ROOF SHEATHING

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

## ROOF ASSEMBLIES FRC Chapter 9

| | | |
|---|---|---|
| 71 | Include all materials which will make up the roof assembles covering | yes |
| 72 | Submit Florida Product Approval numbers for each component of the roof assembles covering | yes |

## FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter11 Residential buildings compliance methods. **Two of the required forms are to be submitted**, *N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.*

YES / NO / N/A

| | GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL | Items to Include- Each Box shall be Marked as Applicable<br>Select From the Dropbox |
|---|---|---|
| 73 | Show the insulation R value for the following areas of the structure | - yes |
| 74 | Attic space | - yes |
| 75 | Exterior wall cavity | - yes |
| 76 | Crawl space | - yes |

### HVAC information

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

### Plumbing Fixture layout shown

| | | |
|---|---|---|
| 80 | All fixtures waste water lines shall be shown on the foundation plan | - yes |
| 81 | Show the location of water heater | - yes |

### Private Potable Water

| | | |
|---|---|---|
| 82 | Pump motor horse power | - yes |
| 83 | Reservoir pressure tank gallon capacity | - yes |
| 84 | Rating of cycle stop valve if used | - yes |

### Electrical layout shown including

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

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

**THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS**

| | | YES | NO | N/A |
|---|---|---|---|---|
| 92 | **Building Permit Application** A current Building Permit Application is to be completed, by following the Checklist all supporting documents must be submitted. There is a **$15.00** application fee. The completed application with attached documents and application fee can be mailed. | NO | | |
| 93 | **Parcel Number** The parcel number (Tax ID number) from the Property Appraisers Office (386) 758-1083 is required. A copy of property deed is also required. | NO | | |
| 94 | **Town of Fort White** (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White, an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit. | NO | | |
| *** | **BELOW ITEMS ONLY NEEDED AFTER ZONING APPROVAL HAS GIVEN.** | **** | *** | *** |
| 95 | **Environmental Health Permit or Sewer Tap Approval** A copy of a approved Columbia County Environmental Health (386) 758-1058 | NO | | |
| 96 | **City of Lake City** A City Water and/or Sewer letter. Call 386-752-2031 | NO | | |
| 97 | **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations | NO | | |
| 98 | **CERTIFIED FINISHED FLOOR ELEVATIONS** will be required on any project where the approved FIRM Flood Maps show the property is in a AE, Floodway, and AH flood zones. Additionally One Foot Rise letters are required for AE and AH zones. In the Floodway Flood zones a Zero Rise letter is required. | | | |
| 99 | A Flood development permit is also required for AE, Floodway & AH. Development permit cost is **$50.00** | | | |
| 100 | **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (**$25.00**) must be made. County Public Works Dept. determines the size and length of every culvert before instillation and completes a final inspection before permanent power is granted. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (**$50.00**) Separate Check when issued. If the project is to be located on an F.D.O.T. maintained road, then an F.D.O.T. access permit is required. | NO | | |
| 101 | **911 Address:** An application for a 911address must be applied for and **received** through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125. | NO | | |

**TOILET FACILITIES SHALL BE PROVIDED FOR ALL CONSTRUCTION SITES.** ~~NO~~ no

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

**Notice Of Commencement**

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

**Section R101.2.1 of the Florida Building Code Residential:**

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

Florida Product Approvals

| Category | Manufacturer | Product Description | Approval Number |
|---|---|---|---|
| Ext Swinging door | Masonite/Dyke | Inswing and Outswing Fiberglass | FL4334-R6 |
| | Masonite/Dyke | Inswing and Outswing Steel | FL4904-R5 |
| | Plastpro/Tucker | 8'0" Inswing and Outswing Fiberglass | FL15209 |
| | Plastpro/Tucker | Inswing and Outswing Steel | FL15962-R1 |
| | Plastpro/Tucker | 6'8" Inswing and Outswing Fiberglass | FL15215-R2 |
| Windows | MI | Aluminum 185 Single Hung | FL15447-R2 |
| | | Aluminum 185 Picture Window | FL15349-R3 |
| | | Vinyl 3540 Single Hung | FL12250-R10 |
| | | Vinyl 3500HP Picture Window | FL11548-R6 |
| | Magnolia | Vinyl 300 Single Hung | FL12716-R1 |
| | | Vinyl 300 Picture Window | |
| Soffit | Kaycan | Vinyl/PVC and Aluminum Soffit | FL16503 |
| Underlayment | Woodland | 30# Roofing Felt | FL1814-R6 |
| Roofing | Certainteed | Asphalt Shingles | FL5444 |
| | GAF | Asphalt Shingles | FL10124-R11 |
| Siding | Certainteed | Weatherboard Fibercement Siding | FL3148-R4 |

# RESIDENTIAL HEATING AND COOLING REQUIREMENTS*

HVAC WORKSHEET FOR WATT-WISE LIVING



## HEATING AND COOLING REQUIREMENTS DUE TO GLASS AREA

| WINDOWS & GLASS DOORS | AREA SQUARE FEET | HEATING MULTIPLIER (CIRCLE ONE) DESIGN TEMPERATURE DIFFERENCE 30° | 35° | 40° | 45° | 50° | HEATING (BTUH LOSS) |
|---|---|---|---|---|---|---|---|
| Glass Doors, Infiltration less than 1.0 CFM/FT | | | | | | | |
| Single Glass | | 50 | 60 | 70 | 75 | 85 | |
| Double Glass | | 40 | 45 | 50 | 55 | 60 | |
| Other Sliding Glass Doors | | | | | | | |
| Single Glass | | 75 | 85 | 100 | 115 | 125 | |
| Double Glass | | 60 | 70 | 80 | 90 | 100 | |
| Windows, Infiltration less than 0.50 CFM/FT | | | | | | | |
| Single Glass | 327 | 40 | 50 | 55 | 60 | 70 | 17985 |
| Double Glass | | 25 | 30 | 35 | 40 | 45 | |
| Windows, Infiltration less than 0.75 CFM/FT | | | | | | | |
| Single Glass | | 45 | 50 | 60 | 65 | 75 | |
| Double Glass | | 30 | 35 | 40 | 45 | 50 | |
| Other Windows | | | | | | | |
| Single Glass | | 75 | 90 | 105 | 115 | 130 | |
| Double Glass | | 60 | 70 | 80 | 90 | 105 | |
| Fixed or Picture Windows | | | | | | | |
| Single Glass | | 40 | 50 | 55 | 60 | 70 | |
| Double Glass | | 25 | 30 | 35 | 40 | 45 | |
| Other | | | | | | | |
| Total BTUH Loss (Enter on Line 2, Page 2) | | | | | | | |

| WINDOWS & GLASS DOORS | AREA SQUARE FEET | COOLING MULTIPLIER (CIRCLE) SINGLE GLASS 90° C | T | R | 95° C | T | R | DOUBLE GLASS 90° C | T | R | 95° C | T | R | COOLING (BTUH GAIN) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No Shading | | | | | | | | | | | | | | |
| N | | 30 | 22 | 20 | 30 | 26 | 25 | 20 | 14 | 13 | 25 | 17 | 16 | |
| NE & NW | | 60 | 41 | 36 | 65 | 45 | 41 | 50 | 29 | 24 | 50 | 32 | 27 | |
| E & W | | 85 | 60 | 53 | 90 | 64 | 57 | 70 | 44 | 36 | 75 | 47 | 39 | |
| SE & SW | | 75 | 51 | 45 | 80 | 55 | 50 | 60 | 37 | 30 | 65 | 40 | 33 | |
| S | | 45 | 31 | 28 | 50 | 35 | 33 | 35 | 21 | 18 | 40 | 24 | 21 | |
| Draperies or Blinds | | | | | | | | | | | | | | |
| N | 32 | 20 | 17 | 16 | 25 | 21 | 20 | 15 | 11 | 11 | 20 | 14 | 14 | 672 |
| NE & NW | | 35 | 33 | 30 | 40 | 37 | 34 | 30 | 22 | 21 | 35 | 25 | 24 | |
| E & W | 244 | 55 | 48 | 43 | 55 | 52 | 47 | 45 | 32 | 30 | 50 | 35 | 33 | 12532 |
| SE & SW | | 45 | 39 | 35 | 50 | 43 | 39 | 40 | 26 | 25 | 40 | 29 | 28 | |
| S | 54 | 30 | 26 | 24 | 30 | 30 | 28 | 25 | 17 | 16 | 25 | 20 | 19 | 1620 |
| Roller Shades | | | | | | | | | | | | | | |
| N | | 25 | 19 | 17 | 25 | 23 | 22 | 20 | 12 | 11 | 20 | 15 | 14 | |
| NE & NW | | 45 | 36 | 32 | 50 | 40 | 37 | 40 | 26 | 22 | 45 | 29 | 25 | |
| E & W | | 65 | 53 | 47 | 70 | 57 | 51 | 55 | 37 | 32 | 60 | 40 | 35 | |
| SE & SW | | 55 | 44 | 39 | 60 | 48 | 44 | 50 | 32 | 27 | 50 | 35 | 30 | |
| S | | 35 | 28 | 25 | 40 | 32 | 30 | 30 | 20 | 16 | 35 | 23 | 19 | |
| Awnings, Porches, Etc. | | | | | | | | | | | | | | |
| All Directions | | 25 | 22 | 20 | 30 | 26 | 25 | 15 | 14 | 13 | 20 | 17 | 16 | |
| Other | | | | | | | | | | | | | | |
| Total BTUH Gain (Line 2, Page 2) | 327 | | | | | | | | | | | | | 14824 |

Prepared By: Henry Mowbray

# TOTAL HEATING AND COOLING REQUIREMENTS

Page 2

For: Sammy Moon
Name: Roosevelt
Address: Riverside Ave
City: Ft White Fla

| (✓) Check Constr. Type | ITEM | AREA SQUARE FEET | HEATING MULTIPLIER (CIRCLE ONE) DESIGN TEMPERATURE DIFFERENCE 30° | 35° | 40° | 45° | 50° | HEATING (BTUH LOSS) | COOLING MULT. (CIRCLE) DESIGN TEMP 90° | 95° | COOLING (BTUH GAIN) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gross Wall Area | 1336 | | | | | | | | | |
| | Glass Area (From page 1) | 327 | | | | | | 17985 | | | 14824 |
| | Partitions, Frame | | | | | | | | | | |
| | Finished 1 side, No Insulation | | 17 | 19 | 22 | 25 | 28 | | 6.5 | 10.0 | |
| | Finished 2 sides, No Insulation | | 9 | 11 | 12 | 14 | 16 | | 4.5 | 6.0 | |
| | Finished 2 sides, R-5 | | 4 | 5 | 5.5 | 6 | 7 | | 2.5 | 3.5 | |
| | Finished 2 sides, R-11 | | 2 | 3 | 3 | 4 | 4 | | 2.0 | 2.5 | |
| | Other | | | | | | | | | | |
| | Doors (Excluding glass) | | | | | | | | | | |
| | No weatherstripping | | 135 | 160 | 180 | 200 | 225 | | 10.0 | 13.0 | |
| | Weatherstripped | 18 | 70 | 85 | 95 | 110 | 120 | 1710 | 10.0 | 13.0 | 234 |
| | R-5 Insulation, No weatherstripping | | 123 | 144 | 164 | 185 | 205 | | 4.3 | 5.5 | |
| | R-5 Insulation, weatherstripping | | 68 | 79 | 90 | 101 | 113 | | 4.0 | 5.0 | |
| | Other | | | | | | | | | | |
| | Net Exterior Walls | | | | | | | | | | |
| | CBS Furred, No Insulation | | 9 | 10 | 12 | 13 | 14 | | 4.5 | 6.0 | |
| | CBS Furred, R-3 Insulation | | 5 | 6 | 7 | 8 | 8 | | 3.0 | 4.2 | |
| | CBS Furred, R-4 Insulation | | 4 | 5 | 6 | 6 | 7 | | 2.7 | 3.8 | |
| | CBS Furred, R-5 Insulation | | 4 | 5 | 5 | 6 | 6 | | 2.5 | 3.5 | |
| | Frame, No Insulation | | 8 | 9 | 10 | 11 | 13 | | 5.5 | 7.0 | |
| | Frame, R-11 Insulation | 941 | 2 | 2 | 3 | 3 | 4 | 2973 | 2.5 | 3.0 | 2973 |
| | Frame, R-14 Insulation | | 1.5 | 1.7 | 2 | 2.5 | 3 | | 2 | 2.8 | |
| | Other | | | | | | | | | | |
| | Ceiling under attic — Roof | | | | | | | | | | |
| | No Insulation — DK / LT | | 18 | 21 | 24 | 27 | 30 | | 9 / 7 | 10 / 8.5 | |
| | R-11 Insulation — DK / LT | | 2.4 | 2.8 | 3.2 | 3.5 | 3.9 | | 2.5 / 2 | 3 / 2.5 | |
| | R-19 Insulation — DK / LT | | 1.5 | 1.7 | 1.9 | 2.2 | 2.4 | | 1.5 / 1.5 | 2 / 1.5 | |
| | R-22 Insulation — DK / LT | | 1.2 | 1.5 | 1.7 | 1.9 | 2.1 | | 1.5 / 1.0 | 1.5 / 1.5 | |
| | R-26 Insulation — DK / LT | | 1.1 | 1.3 | 1.4 | 1.6 | 1.8 | | 1.3 / 1 | 1.5 / 1.2 | |
| | R-30 Insulation — DK / LT | 1767 | 1 | 1.1 | 1.3 | 1.4 | 1.6 | 2248 | 1.1 / .9 | 1.3 / 1.0 | 2294 |
| | Other | | | | | | | | | | |
| | Floor, Concrete Slab | Perimeter Ft. | | | | | | | | | |
| | No Edge Insulation | | 35 | 40 | 40 | 45 | 45 | | 0 | 0 | |
| | Other | | | | | | | | | | |
| | **Subtotal** | | | | | | | 24966 | | | 20322 |
| | People @ 300 & Appl. @ 1200 | | | | | | | | | | 5400 |
| | Sensible BTUH Gain | | | | | | | | | | 25722 |
| | Duct BTUH Loss & Gain | | | | | | | | | | |
| | 2 In. Flex. or 1 In. Rigid | | | .10 | | | | 2497 | | .10 | 2572 |
| | 1½ In. Rigid | | | .075 | | | | | | .075 | |
| | Total BTUH Loss | | | | | | | 27463 | | | |
| | Subtotal BTUH Gain | | | | | | | | | | 25294 |
| | x 1.3 = Total BTUH Gain | | | | | | | | | | 36789 |

Calculated Heating Requirements 27463 BTUH
Size of Unit Chosen . . . . . BTUH
% Oversized . . . . . .
% Undersized . . . . . .

Calculated Cooling Requirements 36789 BTUH
Size of Unit Chosen . . . . . BTUH
% Oversized . . . . . .
% Undersized . . . . . .

Alpine, an ITW Company
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
Phone: (800)755-6001
alpineitw.com

## Site Information:

| | |
|---|---|
| Customer: W. B. Howland Company, Inc. | Job Number: 17-1577F |
| JobDescription: RONSONET RESIDENCE | |
| Address: 910 SW RIVERSIDE AVE | City, State, Zip: FT WHITE, FL 32038 |

## Name, Address and License # of Structural EOR if one exists for the building:

| | | |
|---|---|---|
| Name: | License #: | State: |
| Address: | City, State, Zip: | |

## Job Engineering Criteria:

| | | | | | |
|---|---|---|---|---|---|
| Design Code: FBC 2014 RES | | | View Version: 16.02.01.0131.19 | JRef #: 1W242150002 | |
| Wind Standard: NA | Wind Speed (mph): N/A | | Roof Load (psf): None | Floor Load (psf): | 40.00-10.00- 0.00-5.00 |

This package contains a job notes page, 3 truss drawings and 1 details.

| Item | Seal # | Truss |
|---|---|---|
| 1 | 181.17.0839.14697 | F01 |
| 3 | 181.17.0839.31420 | F03 |

| Item | Seal # | Truss |
|---|---|---|
| 2 | 181.17.0839.17613 | F02 |

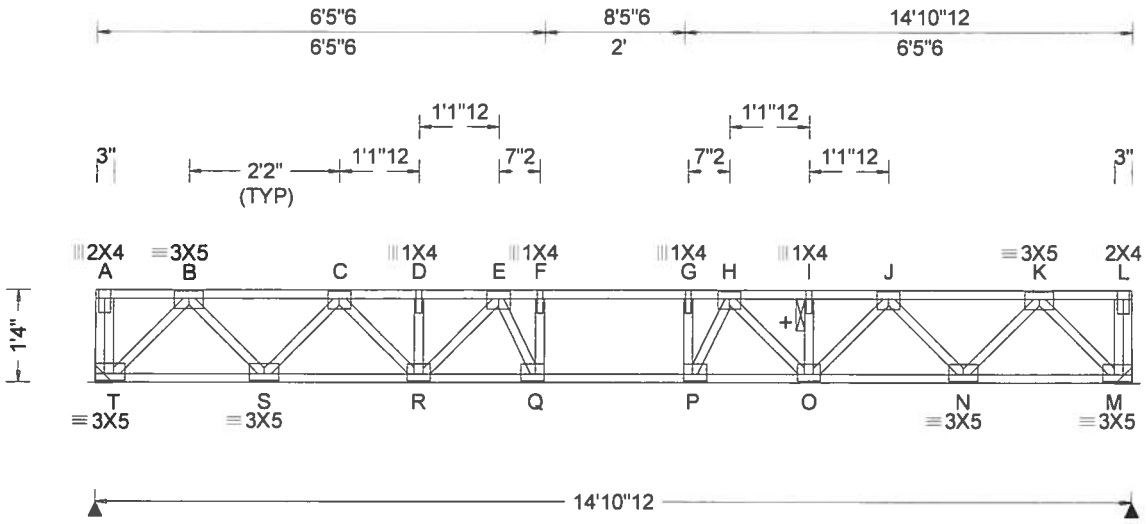
COLUMBIA COUNTY BUILDING DEPARTMENT
Received for FILE COPY
Code Compliance
PLANS EXAMINER

This document has been electronically signed using a Digital Signature. Printed copies without an original signature must be verified using the original electronic version.

WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF FLORIDA
PROFESSIONAL ENGINEER

06/30/2017

| | | | |
|---|---|---|---|
| **Job Number:** 17-1577F<br>RONSONET RESIDENCE<br>**Truss Label:** F01 | Ply: 1<br>Qty: 18 | SEQN: 505260 / T1 SY42<br>FROM: CDM | Cust: R215 JRef: 1W242150002<br>DrwNo: 181.17.0839.14697<br>KD / WHK 06/30/2017 |




**Loading Criteria** (psf)
TCLL: 40.00
TCDL: 10.00
BCLL: 0.00
BCDL: 5.00
Des Ld: 55.00
NCBCLL: 10.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 24.0 "

**Wind Criteria**
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

**Snow Criteria** (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

**Code / Misc Criteria**
Bldg Code: FBC 2014 RES
TPI Std: 2007
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE

**Defl/CSI Criteria**

| PP Deflection in | loc | L/defl | L/# |
|---|---|---|---|
| VERT(LL): 0.112 | F | 999 | 480 |
| VERT(TL): 0.184 | F | 941 | 360 |
| HORZ(LL): 0.020 | M | - | - |
| HORZ(TL): 0.034 | B | - | - |

Creep Factor: 1.5
Max TC CSI: 0.270
Max BC CSI: 0.321
Max Web CSI: 0.360

VIEW Ver: 16.02.01B.0131.19

**▲Maximum Reactions (lbs)**

| Loc | R | / U | / Rw | / Rh | / RL | / W |
|---|---|---|---|---|---|---|
| T | 819 | / - | / - | / - | / - | / - |
| M | 819 | / - | / - | / - | / - | / - |
| T | Min Brg Width Req = | - | | | | |
| M | Min Brg Width Req = | - | | | | |

Members not listed have forces less than 375#

**Maximum Top Chord Forces Per Ply (lbs)**

| Chords | Tens. | Comp. | Chords | Tens. | Comp. |
|---|---|---|---|---|---|
| B - C | 0 | -1178 | G - H | 0 | -2309 |
| C - D | 0 | -1994 | H - I | 0 | -1994 |
| D - E | 0 | -1994 | I - J | 0 | -1994 |
| E - F | 0 | -2309 | J - K | 0 | -1178 |
| F - G | 0 | -2318 | | | |

**Maximum Bot Chord Forces Per Ply (lbs)**

| Chords | Tens. | Comp. | Chords | Tens. | Comp. |
|---|---|---|---|---|---|
| T - S | 672 | 0 | P - O | 2229 | 0 |
| S - R | 1662 | 0 | O - N | 1662 | 0 |
| R - Q | 2229 | 0 | N - M | 672 | 0 |
| Q - P | 2318 | 0 | | | |

**Maximum Web Forces Per Ply (lbs)**

| Webs | Tens. | Comp. | Webs | Tens. | Comp. |
|---|---|---|---|---|---|
| T - B | 0 | -1011 | P - H | 453 | -76 |
| B - S | 757 | 0 | H - O | 0 | -395 |
| S - C | 0 | -725 | O - J | 483 | 0 |
| C - R | 483 | 0 | J - N | 0 | -725 |
| R - E | 0 | -395 | N - K | 757 | 0 |
| E - Q | 453 | -76 | K - M | 0 | -1011 |

**Lumber**

Value Set: 13B (Effective 6/1/2013)

Top chord 4x2 SP M-31
Bot chord 4x2 SP M-31
Webs 4x2 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

**Plating Notes**

All plates are 3X4 except as noted.

**Additional Notes**

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 1-4-0.

WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

COA #[illegible]16

06/30/2017

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

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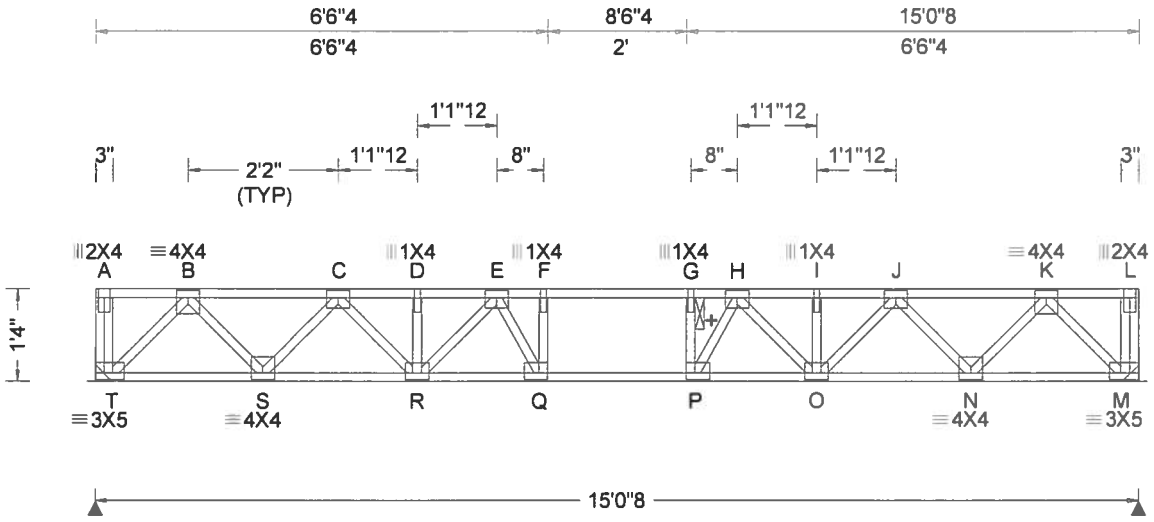
Alpine, a division of ITW Building Components Group Inc., shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. **A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.**

For more information see this job's general notes page and these web sites: ALPINE www.alpineitw.com; TPI www.tpinst.org; SBCA www.sbcindustry.com; ICC www.iccsafe.org

ALPINE
AN ITW COMPANY
2400 Lake Orange Dr.
Suite 150
Orlando FL, 32837

| | | | |
|---|---|---|---|
| **Job Number:** 17-1577F<br>RONSONET RESIDENCE<br>**Truss Label:** F02 | Ply: 1<br>Qty: 18 | SEQN: 505259 / T5 SY42<br>FROM: CDM | Cust: R215 JRef: 1W242150002<br>DrwNo: 181.17.0839.17613<br>KD / WHK 06/30/2017 |




**Loading Criteria** (psf)
TCLL: 40.00
TCDL: 10.00
BCLL: 0.00
BCDL: 5.00
Des Ld: 55.00
NCBCLL: 10.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 24.0 "

**Wind Criteria**
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

**Snow Criteria** (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

**Code / Misc Criteria**
Bldg Code: FBC 2014 RES
TPI Std: 2007
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE

**Defl/CSI Criteria**

| PP Deflection in | loc | L/defl | L/# |
|---|---|---|---|
| VERT(LL): 0.116 | F | 999 | 480 |
| VERT(TL): 0.189 | F | 922 | 360 |
| HORZ(LL): 0.021 | M | - | - |
| HORZ(TL): 0.035 | B | - | - |

Creep Factor: 1.5
Max TC CSI: 0.274
Max BC CSI: 0.325
Max Web CSI: 0.366

VIEW Ver: 16.02.01B.0131.19

**▲Maximum Reactions (lbs)**

| Loc | R | / U | / Rw | / Rh | / RL | / W |
|---|---|---|---|---|---|---|
| T | 827 | / - | / - | / - | / - | / - |
| M | 827 | / - | / - | / - | / - | / - |

T Min Brg Width Req = -
M Min Brg Width Req = -

Members not listed have forces less than 375#

**Maximum Top Chord Forces Per Ply (lbs)**

| Chords | Tens. | Comp. | Chords | Tens. | Comp. |
|---|---|---|---|---|---|
| B - C | 0 | - 1192 | G - H | 0 | - 2357 |
| C - D | 0 | - 2023 | H - I | 0 | - 2023 |
| D - E | 0 | - 2023 | I - J | 0 | - 2023 |
| E - F | 0 | - 2357 | J - K | 0 | - 1192 |
| F - G | 0 | - 2366 | | | |

**Maximum Bot Chord Forces Per Ply (lbs)**

| Chords | Tens. | Comp. | Chords | Tens. | Comp. |
|---|---|---|---|---|---|
| T - S | 679 | 0 | P - O | 2265 | 0 |
| S - R | 1683 | 0 | O - N | 1683 | 0 |
| R - Q | 2265 | 0 | N - M | 679 | 0 |
| Q - P | 2366 | 0 | | | |

**Maximum Web Forces Per Ply (lbs)**

| Webs | Tens. | Comp. | Webs | Tens. | Comp. |
|---|---|---|---|---|---|
| T - B | 0 | - 1022 | P - H | 456 | - 68 |
| B - S | 768 | 0 | H - O | 0 | - 393 |
| S - C | 0 | - 736 | O - J | 494 | 0 |
| C - R | 494 | 0 | J - N | 0 | - 736 |
| R - E | 0 | - 393 | N - K | 768 | 0 |
| E - Q | 456 | - 68 | K - M | 0 | - 1022 |

**Lumber**

Value Set: 13B (Effective 6/1/2013)

Top chord 4x2 SP M-31
Bot chord 4x2 SP M-31
Webs 4x2 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

**Plating Notes**

All plates are 3X4 except as noted.

**Additional Notes**

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 1-4-0.


COA # 278

06/30/2017

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

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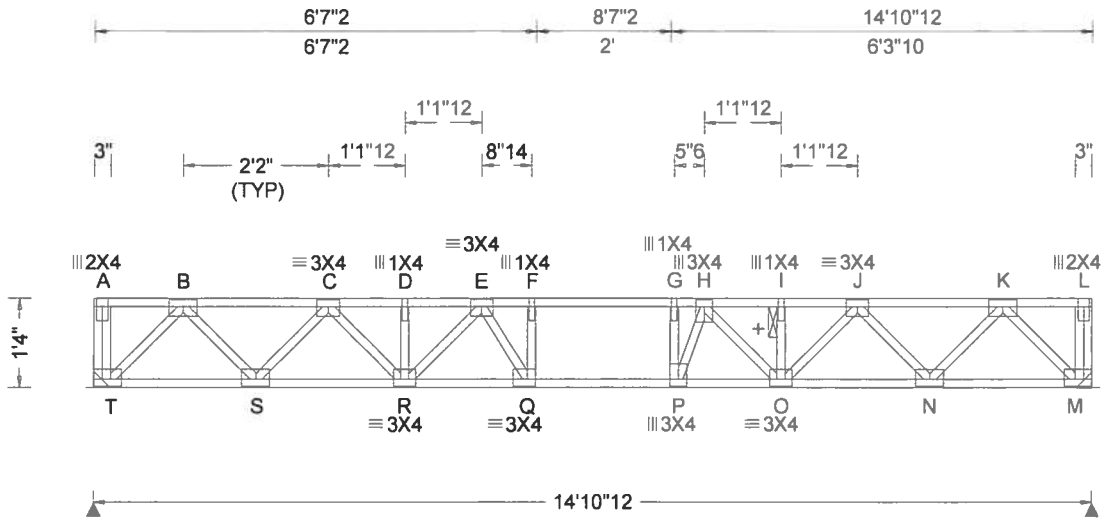
For more information see this job's general notes page and these web sites ALPINE www.alpineitw.com; TPI www.tpinst.org; SBCA. www.sbcindustry.com; ICC www.iccsafe.org

ALPINE
AN ITW COMPANY
2400 Lake Orange Dr.
Suite 150
Orlando FL, 32837

| | | | |
|---|---|---|---|
| **Job Number:** 17-1577F<br>RONSONET RESIDENCE<br>**Truss Label:** F03 | Ply: 1<br>Qty: 18 | SEQN: 505258 / T6 SY42<br>FROM: CDM | Cust: R215 JRef: 1W242150002<br>DrwNo: 181.17.0839.31420<br>KD / WHK 06/30/2017 |




**Loading Criteria** (psf)
TCLL: 40.00
TCDL: 10.00
BCLL: 0.00
BCDL: 5.00
Des Ld: 55.00
NCBCLL: 10.00
Soffit: 0.00
Load Duration: 1.00
Spacing: 24.0 "

**Wind Criteria**
Wind Std: NA
Speed: NA mph
Enclosure: NA
Category: NA
EXP: NA
Mean Height: NA ft
TCDL: NA psf
BCDL: NA psf
MWFRS Parallel Dist: NA
C&C Dist a: NA ft
Loc. from endwall: NA
I: NA GCpi: NA
Wind Duration: NA

**Snow Criteria** (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

**Code / Misc Criteria**
Bldg Code: FBC 2014 RES
TPI Std: 2007
Rep Factors Used: Yes
FT/RT:12(0)/10(0)
Plate Type(s):
WAVE

**Defl/CSI Criteria**

| PP Deflection in | loc | L/defl | L/# |
|---|---|---|---|
| VERT(LL): 0.117 | F | 999 | 480 |
| VERT(TL): 0.193 | F | 893 | 360 |
| HORZ(LL): 0.021 | B | - | - |
| HORZ(TL): 0.036 | B | - | - |

Creep Factor: 1.5
Max TC CSI: 0.291
Max BC CSI: 0.335
Max Web CSI: 0.361

VIEW Ver: 16.02.01B.0131.19

**▲Maximum Reactions (lbs)**

| Loc | R | / U | / Rw | / Rh | / RL | / W |
|---|---|---|---|---|---|---|
| T | 819 | / - | / - | / - | / - | / - |
| M | 819 | / - | / - | / - | / - | / - |
| T | Min Brg Width Req = | - | | | | |
| M | Min Brg Width Req = | - | | | | |

Members not listed have forces less than 375#

**Maximum Top Chord Forces Per Ply (lbs)**

| Chords | Tens. | Comp. | Chords | Tens. | Comp. |
|---|---|---|---|---|---|
| B - C | 0 | - 1177 | G - H | 0 | - 2307 |
| C - D | 0 | - 1995 | H - I | 0 | - 1992 |
| D - E | 0 | - 1995 | I - J | 0 | - 1992 |
| E - F | 0 | - 2309 | J - K | 0 | - 1178 |
| F - G | 0 | - 2317 | | | |

**Maximum Bot Chord Forces Per Ply (lbs)**

| Chords | Tens. | Comp. | Chords | Tens. | Comp. |
|---|---|---|---|---|---|
| T - S | 672 | 0 | P - O | 2239 | 0 |
| S - R | 1662 | 0 | O - N | 1661 | 0 |
| R - Q | 2224 | 0 | N - M | 672 | 0 |
| Q - P | 2317 | 0 | | | |

**Maximum Web Forces Per Ply (lbs)**

| Webs | Tens. | Comp. | Webs | Tens. | Comp. |
|---|---|---|---|---|---|
| T - B | 0 | - 1011 | H - O | 0 | - 434 |
| B - S | 757 | 0 | O - J | 481 | 0 |
| S - C | 0 | - 726 | J - N | 0 | - 724 |
| C - R | 484 | 0 | N - K | 757 | 0 |
| E - Q | 424 | - 81 | K - M | 0 | - 1011 |
| P - H | 487 | - 74 | | | |

**Lumber**

Value Set: 13B (Effective 6/1/2013)

Top chord 4x2 SP M-31
Bot chord 4x2 SP M-31
Webs 4x2 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

**Plating Notes**

All plates are 3X5 except as noted.

**Additional Notes**

+ 2x6 continuous strongback. See detail STRBRIBR1014 for bracing and bridging recommendations.

Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 1-4-0.


COA # 278

06/30/2017

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For more information see this job's general notes page and these web sites. ALPINE. www.alpineitw.com; TPI: www.tpinst.org; SBCA. www.sbcindustry.com; ICC. www.iccsafe.org

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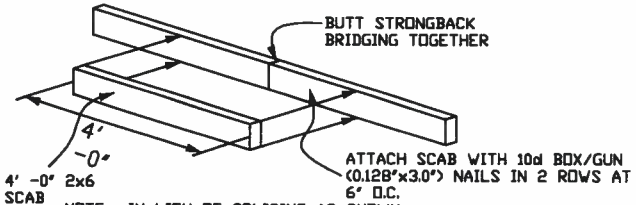
Orlando FL, 32837

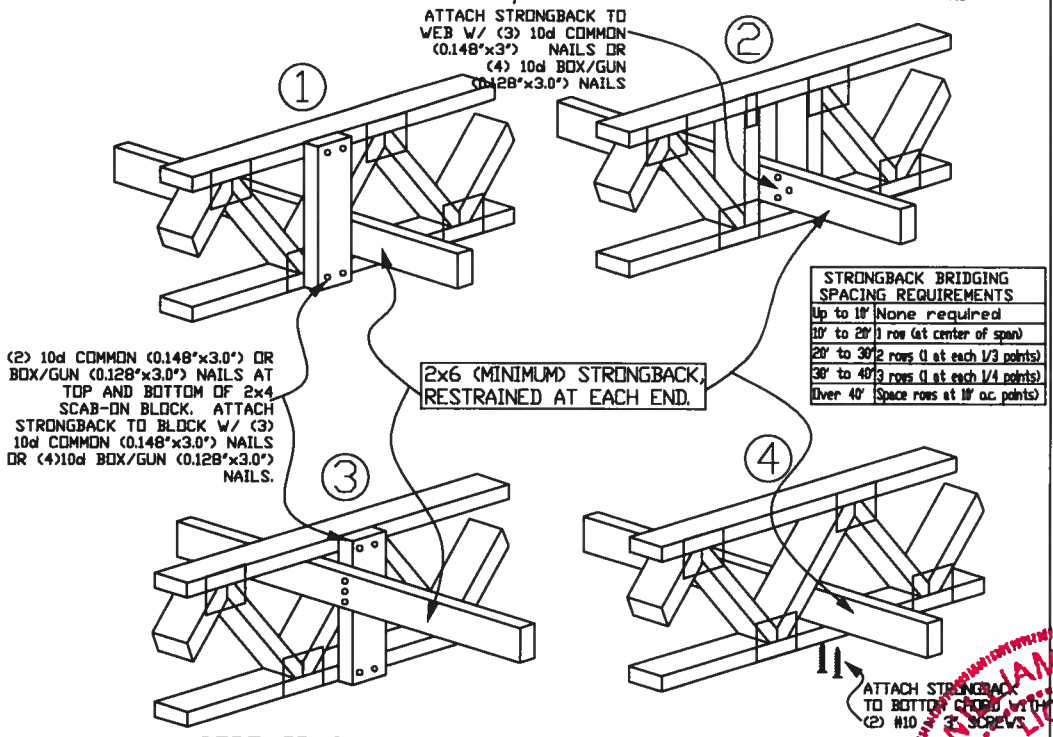
# STRONGBACK BRIDGING RECOMMENDATIONS




NOTE: IN LIEU OF SPLICING AS SHOWN, LAP STRONGBACK BRIDGING MEMBERS FOR AT LEAST ONE TRUSS SPACING

STRONGBACK BRIDGING SPLICE DETAIL

NOTE: Details 1 and 2 are the preferred attachment methods




| STRONGBACK BRIDGING SPACING REQUIREMENTS | |
|---|---|
| Up to 10' | None required |
| 10' to 20' | 1 row (at center of span) |
| 20' to 30' | 2 rows (1 at each 1/3 points) |
| 30' to 40' | 3 rows (1 at each 1/4 points) |
| Over 40' | Space rows at 10' o.c. points) |

STRONGBACK BRIDGING ATTACHMENT ALTERNATIVES

- All scab-on blocks shall be a minimum 2x4 "stress graded lumber."
- All strongback bridging and bracing shall be a minimum 2x6 "stress graded lumber."
- The purpose of strongback bridging is to develop load sharing between individual trusses, resulting in an overall increase in the stiffness of the floor system. 2x6 strongback bridging, positioned as shown in details, is recommended at 10' -0" o.c. (max.)
- The terms "bridging" and "bracing" are sometimes mistakenly used interchangeably. "Bracing" is an important structural requirement of any floor or roof system. Refer to the Truss Design Drawing (TDD) for the bracing requirements for each individual truss component. "Bridging," particularly "strongback bridging" is a recommendation for a truss system to help control vibration. In addition to aiding in the distribution of point loads between adjacent truss, strongback bridging serves to reduce "bounce" or residual vibration resulting from moving point loads, such as footsteps.

The performance of all floor systems are enhanced by the installation of strongback bridging and therefore is strongly recommended by Alpine.

For additional information regarding strongback bridging, refer to BCSI (Building Component Safety Information).

ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

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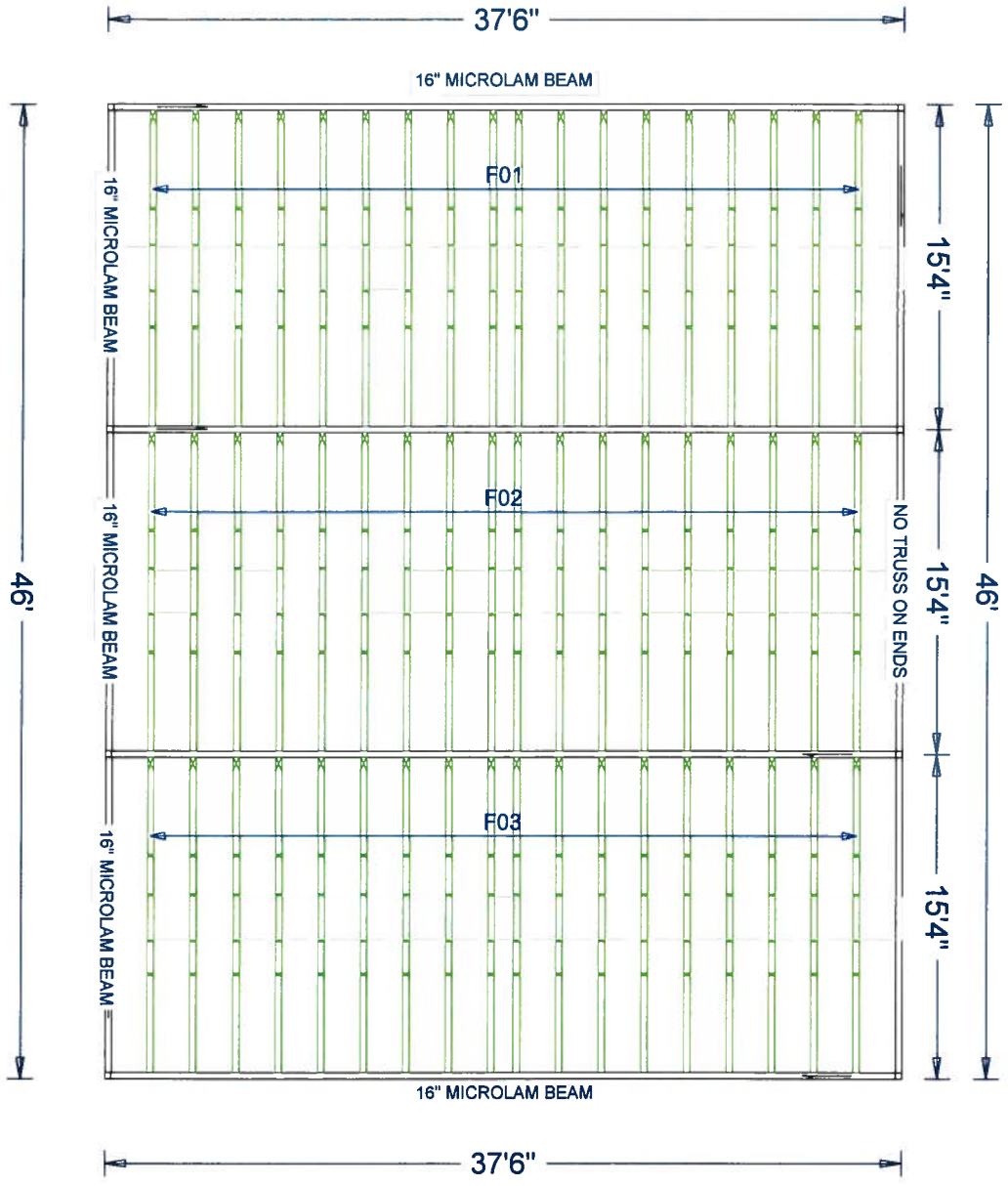
For more information see this job's general notes page and these web sites: ALPINE: www.alpinelte.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.org; ICC: www.iccsafe.org

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

COA #0278

| | | |
|---|---|---|
| TC LL | PSF | REF STRONGBACK |
| TC DL | PSF | DATE 10/01/14 |
| BC DL | PSF | DRWG STRBRIBR1014 |
| BC LL | PSF | |
| TOT. LD. | PSF | |
| DUR. FAC. | 1.00 | |
| SPACING | | |




W.B. Howland Truss Co.
610 11TH STREET SW
Live Oak, FL 32064
(386) 362-1235
(386) 362-7124 (Fax)

SY42 FLOOR TRUSSES
2' O.C., 16" DEPTH, 2' CHASE AT CENTER.

| | | | | |
|---|---|---|---|---|
| PAGE NO: 1 OF 1 | JOB NO: 17-1577F | Job Name: RONSONET RESIDENCE<br>Customer: SLK CONSTRUCTION<br>Designer: Lynn Bell<br>ADDRESS: 910 SW RIVERSIDE AVE<br>SALESMAN: Fill in later<br>: <Not Found> | JOB #: 17-1577F | HOWLAND |

Alpine, an ITW Company
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
Phone: (800)755-6001
alpineitw.com

## Site Information:

| | |
|---|---|
| Customer: W. B. Howland Company, Inc. | Job Number: 17-1577 |
| JobDescription: RONSONET RESIDENCE | |
| Address: 910 SW RIVERSIDE AVE | City, State, Zip: FT WHITE, FL 32038 |

## Name, Address and License # of Structural EOR if one exists for the building:

| | | |
|---|---|---|
| Name: | License #: | State: |
| Address: | City, State, Zip: | |

## Job Engineering Criteria:

| | | | | | |
|---|---|---|---|---|---|
| Design Code: FBC 2014 RES | | | View Version: 16.02.01.0131.19 | JRef #: 1W242150001 | |
| Wind Standard: ASCE 7-10 | Wind Speed (mph): 130 | | Roof Load (psf): 20.00-10.00- 0.00-10.00 | Floor Load (psf): None | |

This package contains a job notes page, 2 truss drawings and 2 details.

| Item | Seal # | Truss |
|---|---|---|
| 1 | 181.17.0840.54080 | A01 |

| Item | Seal # | Truss |
|---|---|---|
| 2 | 181.17.0840.59463 | A02 |

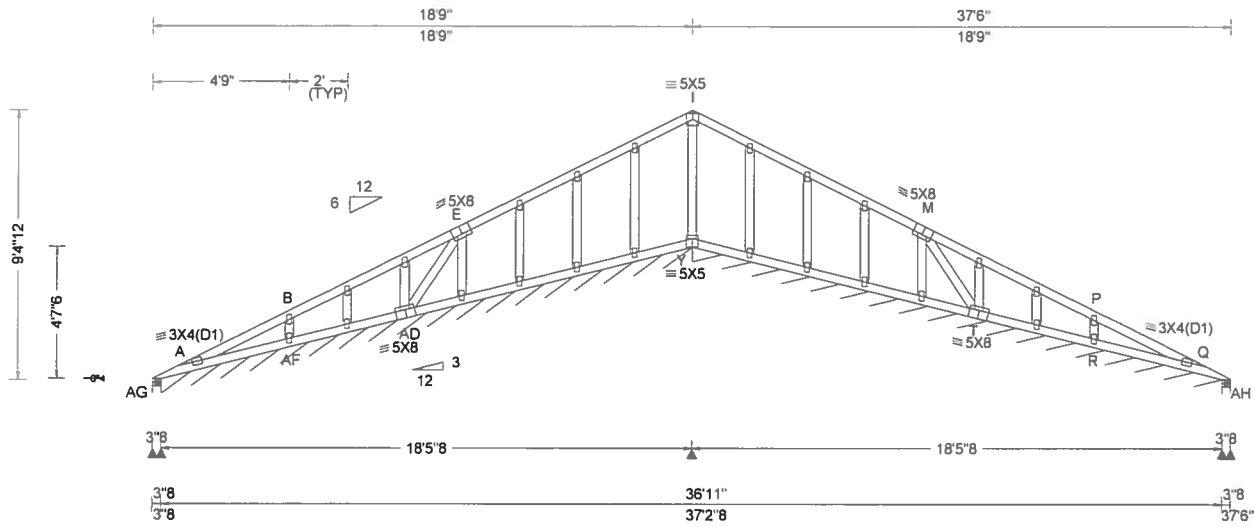
COLUMBIA COUNTY BUILDING DEPARTMENT
Received for FILE COPY
Code Compliance
PLANS EXAMINER

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER

This document has been electronically signed and sealed using a Digital Signature. Printed copies without an original signature must be verified using the original electronic version.

06/30/2017

| | | | |
|---|---|---|---|
| **Job Number:** 17-1577<br>RONSONET RESIDENCE<br>**Truss Label:** A01 | Ply: 1<br>Qty: 2 | SEQN: 505245 / T2 GABL<br>FROM: CDM | Cust: R215 JRef: 1W242150001<br>DrwNo 181.17.0840.54080<br>KD / DF 06/30/2017 |




**Loading Criteria** (psf)

| | |
|---|---|
| TCLL: | 20.00 |
| TCDL: | 10.00 |
| BCLL: | 0.00 |
| BCDL: | 10.00 |
| Des Ld: | 40.00 |
| NCBCLL: | 10.00 |
| Soffit: | 2.00 |

Load Duration: 1.25
Spacing: 24.0 "

**Wind Criteria**
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.75 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

**Snow Criteria** (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

**Code / Misc Criteria**
Bldg Code: FBC 2014 RES
TPI Std: 2007
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

**Defl/CSI Criteria**

| PP Deflection in | loc | L/defl | L/# |
|---|---|---|---|
| VERT(LL): 0.022 | AF | 999 | 240 |
| VERT(TL): 0.052 | AF | 999 | 180 |
| HORZ(LL): 0.009 | AF | - | - |
| HORZ(TL): 0.022 | AF | - | - |

Creep Factor: 1.5
Max TC CSI: 0.187
Max BC CSI: 0.129
Max Web CSI: 0.127

VIEW Ver: 16.02.01B.0131.19

**▲Maximum Reactions (lbs), or *=PLF**

| Loc | R | / U | / Rw | / Rh | / RL | / W |
|---|---|---|---|---|---|---|
| AG | 293 | / 126 | / 241 | / - | / 473 | / 3.5 |
| AG | *145 | / 20 | / 96 | / - | / - | / 221 |
| Y | * 129 | / 38 | / 77 | / - | / - | / 221 |
| AH | 302 | / 21 | / 119 | / - | / - | / 3.5 |

Wind reactions based on MWFRS
AG Min Brg Width Req = 1.5
AG Min Brg Width Req = -
Y Min Brg Width Req = -
AH Min Brg Width Req = 1.5
Bearings AG, AG, Y, & AH are a rigid surface.

Members not listed have forces less than 375#

**Maximum Top Chord Forces Per Ply (lbs)**

| Chords | Tens. | Comp. | Chords | Tens. | Comp. |
|---|---|---|---|---|---|
| E - I | 572 | -203 | I - M | 576 | -46 |

**Maximum Bot Chord Forces Per Ply (lbs)**

| Chords | Tens. | Comp. | Chords | Tens. | Comp. |
|---|---|---|---|---|---|
| AF-AD | 383 | -223 | Y - T | 414 | -149 |
| AD- Y | 414 | -149 | | | |

**Maximum Gable Forces Per Ply (lbs)**

| Gables | Tens. | Comp. | Gables | Tens. | Comp. |
|---|---|---|---|---|---|
| B -AF | 438 | -449 | R - P | 439 | -448 |

**Lumber**

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

**Plating Notes**

All plates are 2X4 except as noted.

**Loading**

Truss designed to support 2-0-0 top chord outlookers and cladding load not to exceed 2.30 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

**Wind**

Wind loads based on MWFRS with additional C&C member design.

**Additional Notes**

Full Height Blocking reinforcement required to prevent buckling of members over the bearings: bearing 1 located at 0.00'

See DWGS A14015ENC101014 & GBLLETIN1014 for gable wind bracing and other requirements.

Shim all supports to solid bearing.

The overall height of this truss excluding overhang is 9-4-12.

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#0 278

06/30/2017

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****IMPORTANT**** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS

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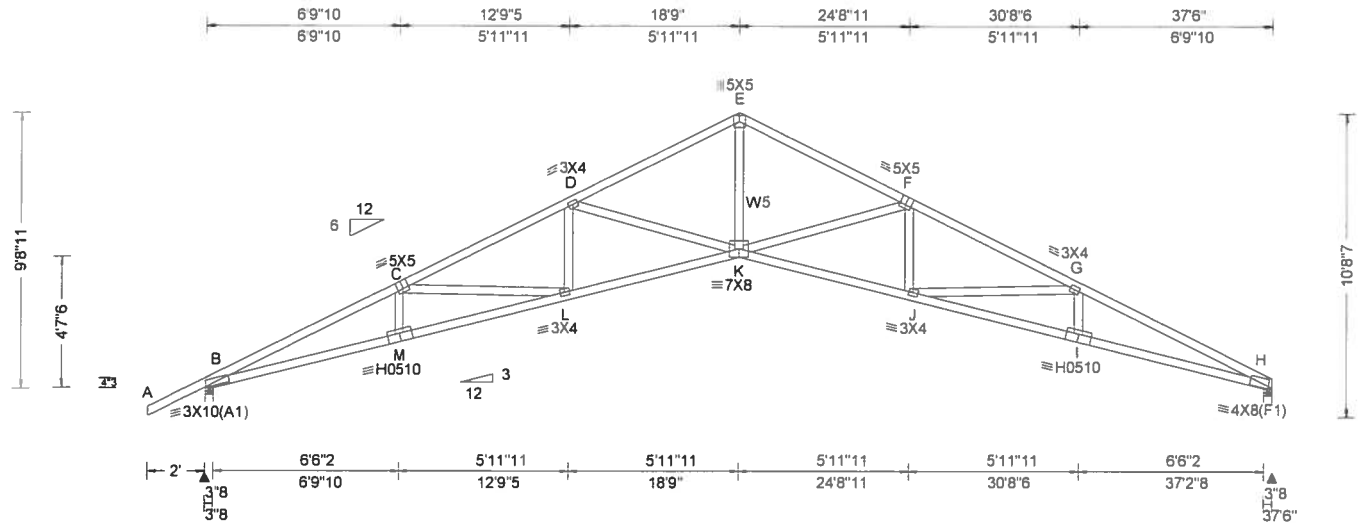
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing,any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trussesA **seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.**

For more information see this job's general notes page and these web sites: ALPINE www.alpineitw.com; TPI www.tpinst.org; SBCA www.sbcindustry.com; ICC www.iccsafe.org

ALPINE
AN ITW COMPANY
2400 Lake Orange Dr.
Suite 150
Orlando FL, 32837

| | | | |
|---|---|---|---|
| **Job Number:** 17-1577<br>RONSONET RESIDENCE<br>**Truss Label:** A02 | Ply: 1<br>Qty: 22 | SEQN: 505257 / T1 COMN<br>FROM: CDM | Cust: R215 JRef: 1W242150001<br>DrwNo: 181.17.0840.59463<br>KD / DF 06/30/2017 |




**Loading Criteria** (psf)

| | |
|---|---|
| TCLL: | 20.00 |
| TCDL: | 10.00 |
| BCLL: | 0.00 |
| BCDL: | 10.00 |
| Des Ld: | 40.00 |
| NCBCLL: | 10.00 |
| Soffit: | 2.00 |
| Load Duration: | 1.25 |
| Spacing: | 24.0 " |

**Wind Criteria**
Wind Std: ASCE 7-10
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.75 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

**Snow Criteria** (Pg,Pf in PSF)
Pg: NA Ct: NA CAT: NA
Pf: NA Ce: NA
Lu: NA Cs: NA
Snow Duration: NA

**Code / Misc Criteria**
Bldg Code: FBC 2014 RES
TPI Std: 2007
Rep Factors Used: Yes
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE, HS

**Defl/CSI Criteria**

| PP Deflection in | loc | L/defl | L/# |
|---|---|---|---|
| VERT(LL): | 0.446 K | 999 | 240 |
| VERT(TL): | 1.151 K | 387 | 180 |
| HORZ(LL): | 0.324 I | - | - |
| HORZ(TL): | 0.837 I | - | - |

Creep Factor: 1.5
Max TC CSI: 0.358
Max BC CSI: 0.638
Max Web CSI: 0.727

VIEW Ver: 16.02.01B 0131.19

**▲Maximum Reactions (lbs)**

| Loc | R | / U | / Rw | / Rh | / RL | / W |
|---|---|---|---|---|---|---|
| B | 1694 | / 297 | / 1026 | / - | / 283 | / 3.5 |
| H | 1552 | / 259 | / 911 | / - | / - | / 3.5 |

Wind reactions based on MWFRS
B Min Brg Width Req = 1.5
H Min Brg Width Req = 1.5
Bearings B & H are a rigid surface.

Members not listed have forces less than 375#

**Maximum Top Chord Forces Per Ply (lbs)**

| Chords | Tens. | Comp. | Chords | Tens. | Comp. |
|---|---|---|---|---|---|
| B - C | 2031 | - 5208 | E - F | 1413 | - 3459 |
| C - D | 1793 | - 4495 | F - G | 1821 | - 4510 |
| D - E | 1376 | - 3460 | G - H | 2210 | - 5288 |

**Maximum Bot Chord Forces Per Ply (lbs)**

| Chords | Tens. | Comp. | Chords | Tens. | Comp. |
|---|---|---|---|---|---|
| B - M | 4705 | - 1760 | K - J | 4081 | - 1366 |
| M - L | 4725 | - 1758 | J - I | 4803 | - 1882 |
| L - K | 4070 | - 1393 | I - H | 4788 | - 1890 |

**Maximum Web Forces Per Ply (lbs)**

| Webs | Tens. | Comp. | Webs | Tens. | Comp. |
|---|---|---|---|---|---|
| C - L | 337 | - 609 | K - F | 558 | - 971 |
| L - D | 426 | - 102 | F - J | 432 | - 145 |
| D - K | 551 | - 961 | J - G | 498 | - 674 |
| E - K | 2662 | - 955 | | | |

**Lumber**

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP #3 :W5 2x4 SP M-31:

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

**Wind**

Wind loads based on MWFRS with additional C&C member design.

**Additional Notes**

The overall height of this truss excluding overhang is 9-8-11.

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#0 278

06/30/2017

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For more information see this job's general notes page and these web sites. ALPINE www.alpineitw.com; TPI www.tpinst.org, SBCA www.sbcindustry.com; ICC www.iccsafe.org

ALPINE AN ITW COMPANY
2400 Lake Orange Dr.
Suite 150
Orlando FL, 32837

# Gable Stud Reinforcement Detail

## ASCE 7-10: 140 mph Wind Speed, 15' Mean Height, Enclosed, Exposure C, Kzt = 1.00

Or: 120 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00
Or: 120 mph Wind Speed, 15' Mean Height, Enclosed, Exposure D, Kzt = 1.00
Or: 100 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure D, Kzt = 1.00

Max Gable Vertical Length

| 2x4 Gable Vertical Spacing | Species | Brace Grade | No Braces | (1) 1x4 'L' Brace * Group A | (1) 1x4 'L' Brace * Group B | (1) 2x4 'L' Brace * Group A | (1) 2x4 'L' Brace * Group B | (2) 2x4 'L' Brace ** Group A | (2) 2x4 'L' Brace ** Group B | (1) 2x6 'L' Brace * Group A | (1) 2x6 'L' Brace * Group B | (2) 2x6 'L' Brace ** Group A | (2) 2x6 'L' Brace ** Group B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24" o.c. | SPF HF | #1 / #2 | 4' 3" | 7' 3" | 7' 7" | 8' 7" | 8' 11" | 10' 3" | 10' 8" | 13' 6" | 14' 0" | 14' 0" | 14' 0" |
| | | #3 | 4' 1" | 6' 7" | 7' 1" | 8' 6" | 8' 10" | 10' 1" | 10' 6" | 13' 4" | 13' 10" | 14' 0" | 14' 0" |
| | | Stud | 4' 1" | 6' 7" | 7' 0" | 8' 6" | 8' 10" | 10' 1" | 10' 6" | 13' 4" | 13' 10" | 14' 0" | 14' 0" |
| | | Standard | 4' 1" | 5' 8" | 6' 0" | 7' 7" | 8' 1" | 10' 1" | 10' 6" | 11' 10" | 12' 8" | 14' 0" | 14' 0" |
| | SP DFL | #1 | 4' 6" | 7' 4" | 7' 8" | 8' 8" | 9' 0" | 10' 4" | 10' 9" | 13' 8" | 14' 0" | 14' 0" | 14' 0" |
| | | #2 | 4' 3" | 7' 3" | 7' 7" | 8' 7" | 8' 11" | 10' 3" | 10' 8" | 13' 6" | 14' 0" | 14' 0" | 14' 0" |
| | | #3 | 4' 2" | 6' 0" | 6' 4" | 7' 11" | 8' 6" | 10' 2" | 10' 7" | 12' 5" | 13' 4" | 14' 0" | 14' 0" |
| | | Stud | 4' 2" | 6' 0" | 6' 4" | 7' 11" | 8' 6" | 10' 2" | 10' 7" | 12' 5" | 13' 4" | 14' 0" | 14' 0" |
| | | Standard | 4' 0" | 5' 3" | 5' 7" | 7' 0" | 7' 6" | 9' 6" | 10' 2" | 11' 0" | 11' 10" | 14' 0" | 14' 0" |
| 16" o.c. | SPF HF | #1 / #2 | 4' 11" | 8' 4" | 8' 8" | 9' 10" | 10' 3" | 11' 8" | 12' 2" | 14' 0" | 14' 0" | 14' 0" | 14' 0" |
| | | #3 | 4' 8" | 8' 1" | 8' 8" | 9' 8" | 10' 1" | 11' 7" | 12' 1" | 14' 0" | 14' 0" | 14' 0" | 14' 0" |
| | | Stud | 4' 8" | 8' 1" | 8' 6" | 9' 8" | 10' 1" | 11' 7" | 12' 1" | 14' 0" | 14' 0" | 14' 0" | 14' 0" |
| | | Standard | 4' 8" | 6' 11" | 7' 5" | 9' 3" | 9' 11" | 11' 7" | 12' 1" | 14' 0" | 14' 0" | 14' 0" | 14' 0" |
| | SP DFL | #1 | 5' 1" | 8' 5" | 8' 9" | 9' 11" | 10' 4" | 11' 10" | 12' 4" | 14' 0" | 14' 0" | 14' 0" | 14' 0" |
| | | #2 | 4' 11" | 8' 4" | 8' 8" | 9' 10" | 10' 3" | 11' 8" | 12' 2" | 14' 0" | 14' 0" | 14' 0" | 14' 0" |
| | | #3 | 4' 9" | 7' 4" | 7' 9" | 9' 9" | 10' 2" | 11' 8" | 12' 1" | 14' 0" | 14' 0" | 14' 0" | 14' 0" |
| | | Stud | 4' 9" | 7' 4" | 7' 9" | 9' 9" | 10' 2" | 11' 8" | 12' 1" | 14' 0" | 14' 0" | 14' 0" | 14' 0" |
| | | Standard | 4' 8" | 6' 5" | 6' 10" | 8' 7" | 9' 2" | 11' 7" | 12' 1" | 13' 6" | 14' 0" | 14' 0" | 14' 0" |
| 12" o.c. | SPF HF | #1 / #2 | 5' 5" | 9' 2" | 9' 6" | 10' 10" | 11' 3" | 11' 8" | 13' 5" | 14' 0" | 14' 0" | 14' 0" | 14' 0" |
| | | #3 | 5' 1" | 9' 0" | 9' 4" | 10' 8" | 11' 1" | 12' 9" | 13' 3" | 14' 0" | 14' 0" | 14' 0" | 14' 0" |
| | | Stud | 5' 1" | 9' 0" | 9' 4" | 10' 8" | 11' 1" | 12' 9" | 13' 3" | 14' 0" | 14' 0" | 14' 0" | 14' 0" |
| | | Standard | 5' 1" | 8' 0" | 8' 6" | 10' 8" | 11' 1" | 12' 9" | 13' 3" | 14' 0" | 14' 0" | 14' 0" | 14' 0" |
| | SP DFL | #1 | 5' 8" | 9' 3" | 9' 8" | 10' 11" | 11' 4" | 13' 0" | 13' 6" | 14' 0" | 14' 0" | 14' 0" | 14' 0" |
| | | #2 | 5' 5" | 9' 2" | 9' 6" | 10' 10" | 11' 3" | 12' 11" | 13' 5" | 14' 0" | 14' 0" | 14' 0" | 14' 0" |
| | | #3 | 5' 3" | 8' 5" | 9' 0" | 10' 9" | 11' 2" | 12' 10" | 13' 4" | 14' 0" | 14' 0" | 14' 0" | 14' 0" |
| | | Stud | 5' 3" | 8' 5" | 9' 0" | 10' 9" | 11' 2" | 12' 10" | 13' 4" | 14' 0" | 14' 0" | 14' 0" | 14' 0" |
| | | Standard | 5' 1" | 7' 5" | 7' 11" | 9' 11" | 10' 7" | 12' 9" | 13' 3" | 14' 0" | 14' 0" | 14' 0" | 14' 0" |

Bracing Group Species and Grades:

Group A:

| Spruce-Pine-Fir | |
|---|---|
| #1 / #2 | Standard |
| #3 | Stud |

| Hem-Fir | |
|---|---|
| #2 | Stud |
| #3 | Standard |

| Douglas Fir-Larch |
|---|
| #3 |
| Stud |
| Standard |

| Southern Pine*** |
|---|
| #3 |
| Stud |
| Standard |

Group B:

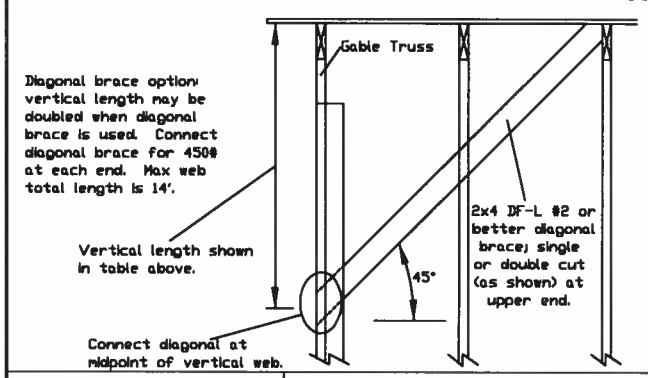
| Hem-Fir |
|---|
| #1 & Btr |
| #1 |

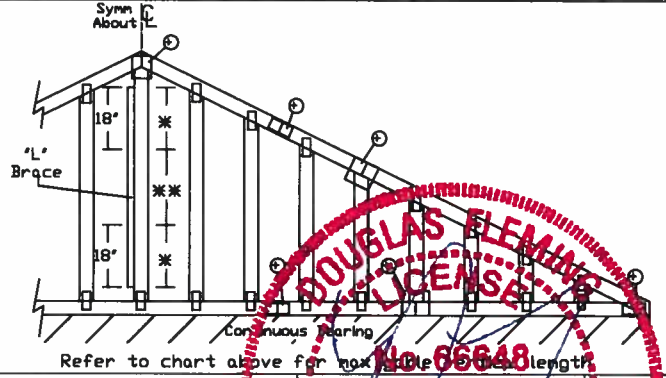
| Douglas Fir-Larch |
|---|
| #1 |
| #2 |

| Southern Pine*** |
|---|
| #1 |
| #2 |

1x4 Braces shall be SRB (Stress-Rated Board).

***For 1x4 So. Pine use only Industrial 55 or Industrial 45 Stress-Rated Boards. Group B values may be used with these grades.




## Gable Truss Detail Notes:

Wind Load deflection criterion is L/240.

Provide uplift connections for 55 plf over continuous bearing (5 psf TC Dead Load).

Gable end supports load from 4' 0" outlookers with 2' 0" overhang, or 12" plywood overhang.

Attach 'L' braces with 10d (0.128"x3.0" min) nails.

* For (1) 'L' brace: space nails at 2" o.c. in 18" end zones and 4" o.c. between zones.

** For (2) 'L' braces: space nails at 3" o.c. in 18" end zones and 6" o.c. between zones.

'L' bracing must be a minimum of 80% of web member length.

Gable Vertical Plate Sizes

| Vertical Length | No Splice |
|---|---|
| Less than 4' 0" | 1X4 or 2X3 |
| Greater than 4' 0" | 3X4 |

+ Refer to common truss design for peak, splice, and heel plates.

Refer to the Building Designer for conditions not addressed by this detail.


ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043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For more information see this job's general notes page and these web sites:
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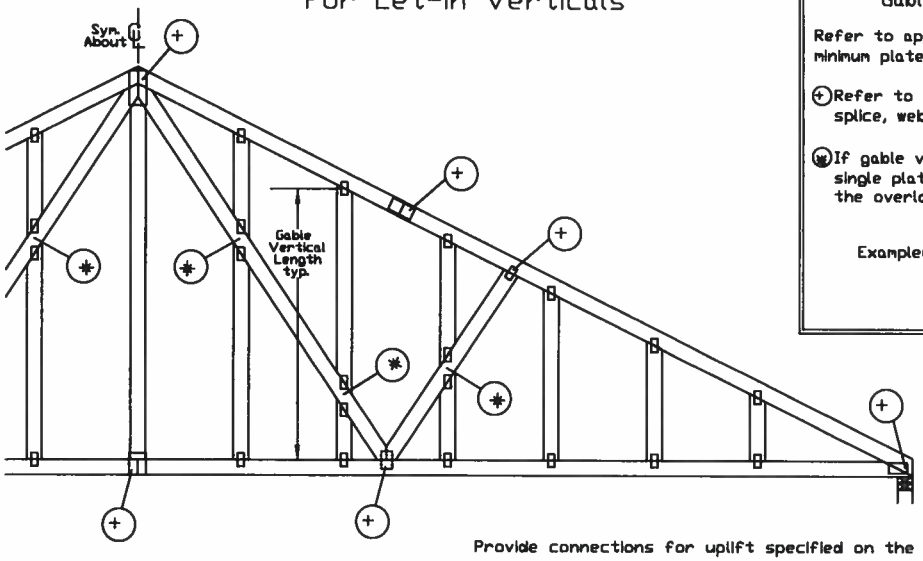
DOUGLAS FLEMING LICENSE No. 66848
STATE OF FLORIDA PROFESSIONAL ENGINEER
#0 278 06/30/2017

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

| | |
|---|---|
| REF | ASCE7-10-GAB14015 |
| DATE | 10/01/14 |
| DRWG | A14015ENC101014 |

# Gable Detail
## For Let-In Verticals



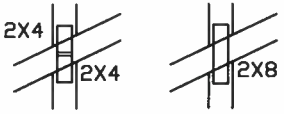

### Gable Truss Plate Sizes

Refer to appropriate Alpine gable detail for minimum plate sizes for vertical studs.

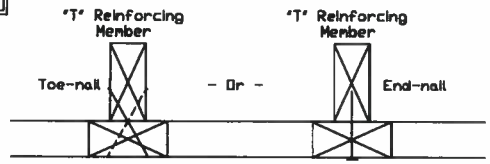
⊕ Refer to Engineered truss design for peak, splice, web, and heel plates.

Ⓦ If gable vertical plates overlap, use a single plate that covers the total area of the overlapped plates to span the web.

Example:




### "T" Reinforcement Attachment Detail

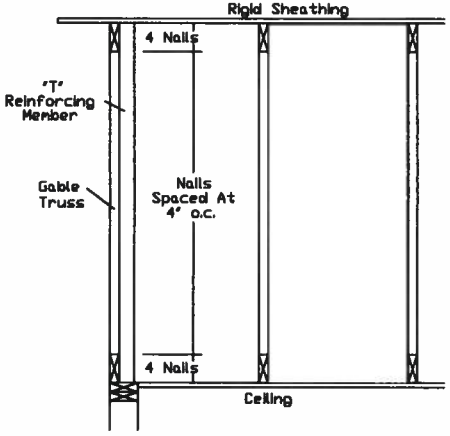



Provide connections for uplift specified on the engineered truss design.

Attach each "T" reinforcing member with

End Driven Nails:
- 10d Common (0.148"x 3.",min) Nails at 4" o.c. plus
- (4) nails in the top and bottom chords.

Toenailed Nails:
- 10d Common (0.148"x3",min) Toenails at 4" o.c. plus
- (4) toenails in the top and bottom chords.




This detail to be used with the appropriate Alpine gable detail for ASCE wind load.

ASCE 7-05 Gable Detail Drawings
A13015051014, A12015051014, A11015051014, A10015051014, A14015051014, A13030051014, A12030051014, A11030051014, A10030051014, A14030051014

ASCE 7-10 Gable Detail Drawings
A11515ENC101014, A12015ENC101014, A14015ENC101014, A16015ENC101014, A18015ENC101014, A20015ENC101014, A20015END101014, A20015PED101014, A11530ENC101014, A12030ENC101014, A14030ENC101014, A16030ENC101014, A18030ENC101014, A20030ENC101014, A20030END101014, A20030PED101014, S11515ENC100815, S12015ENC100815, S14015ENC100815, S16015ENC100815, S18015ENC100815, S20015ENC100815, S20015END100815, S20015PED100815, S11530ENC100815, S12030ENC100815, S14030ENC100815, S16030ENC100815, S18030ENC100815, S20030ENC100815, S20030END100815, S20030PED100815

See appropriate Alpine gable detail for maximum unreinforced gable vertical length.

To convert from "L" to "T" reinforcing members, multiply "T" increase by length (based on appropriate Alpine gable detail).

Maximum allowable "T" reinforced gable vertical length is 14' from top to bottom chord.

"T" reinforcing member material must match size, specie, and grade of the "L" reinforcing member.

### Web Length Increase w/ "T" Brace

| "T" Reinf. Mbr. Size | "T" Increase |
|---|---|
| 2x4 | 30 % |
| 2x6 | 20 % |

Example:
- ASCE 7-10 Wind Speed = 120 mph
- Mean Roof Height = 30 ft, Kzt = 1.00
- Gable Vertical = 24"o.c. SP #3
- "T" Reinforcing Member Size = 2x4
- "T" Brace Increase (From Above) = 30% = 1.30
- (1) 2x4 "L" Brace Length = 8' 7"
- Maximum "T" Reinforced Gable Vertical Length
  1.30 x 8' 7" = 11' 2"


ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

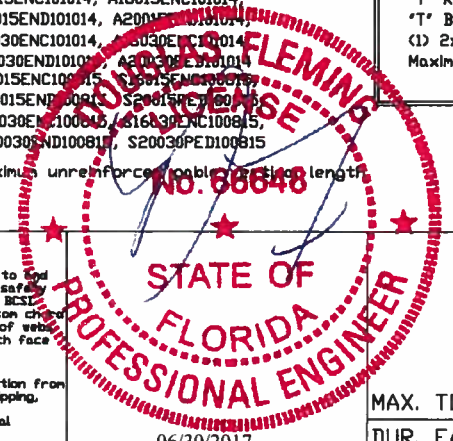

**WARNING** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
**IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.

A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.

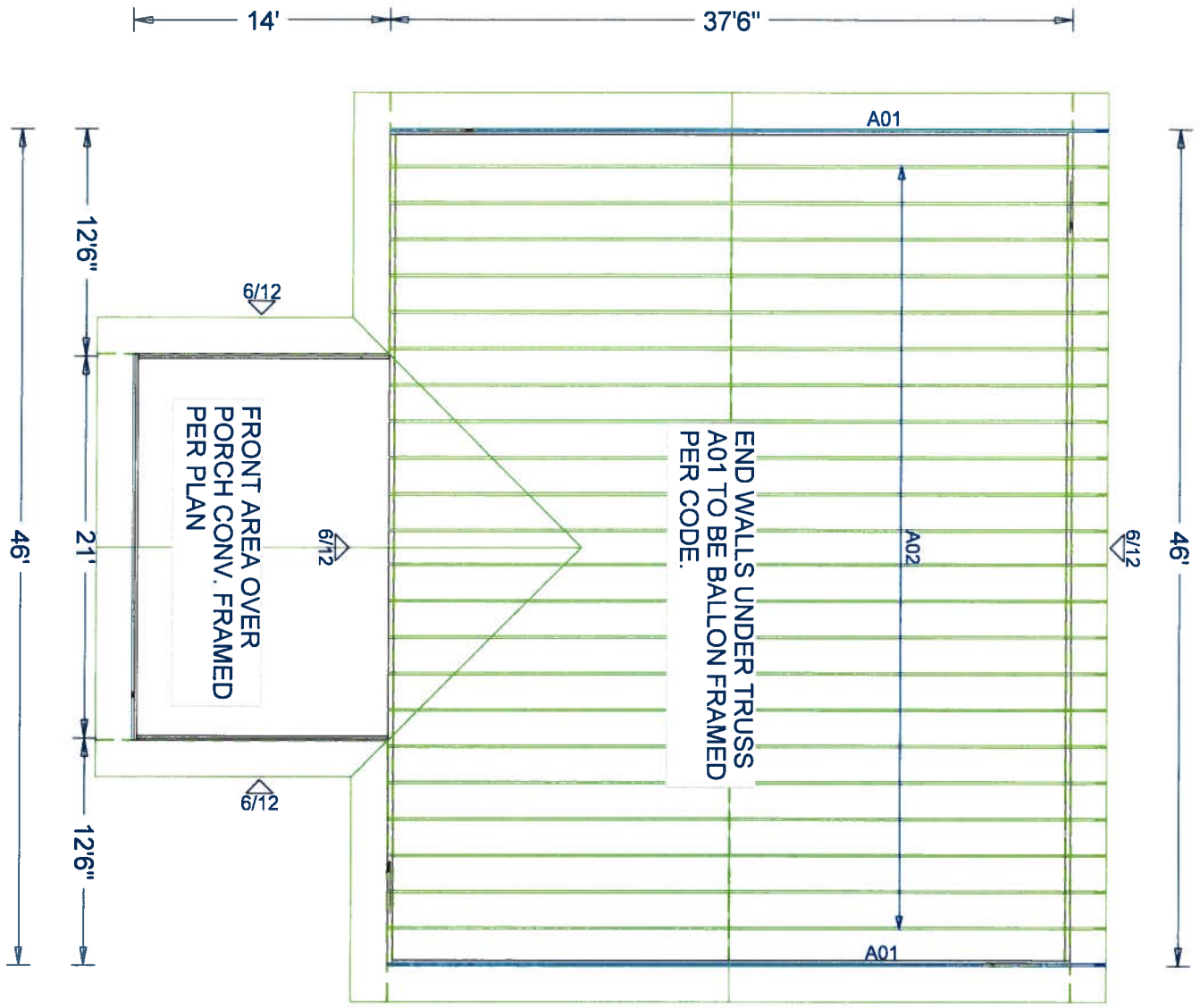
For more information see this job's general notes page and these web sites:
ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.org; ICC: www.iccsafe.org




#0 278 06/30/2017

MAX. TOT. L.D. 60 PSF
DUR. FAC. ANY
MAX. SPACING 24.0"

| | |
|---|---|
| REF | LET-IN VERT |
| DATE | 10/01/14 |
| DRWG | GBLLETIN1014 |




W.B. Howland Truss Co.
610 11TH STREET SW
Live Oak, FL 32064
(386) 362-1235
(386) 362-7124 (Fax)

ROOF PITCH:6/12
CLG PITCH:3/12 VAULT
THROUGHOUT
OVERHANG:2'
LOADING:40#s PSF
WIND LOAD:130 MPH
EXPOSURE:"C"
EXT WALLS:2X4
DATE:6/26/17

| | | | | |
|---|---|---|---|---|
| PAGE NO: 1 OF 1 | JOB NO: 17-1577 | Job Name: RONSONET RESIDENCE<br>Customer: SLK CONSTRUCTION<br>Designer: Lynn Bell<br>ADDRESS: 910 SW RIVERSIDE AVE<br>SALESMAN: Fill in later<br>: <Not Found> | JOB #: 17-1577 | WB HOWLAND |

# PRODUCT APPROVAL SPECIFICATION SHEET

**Location:** **Project Name:**

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

| Category/Subcategory | Manufacturer | Product Description | Approval Number(s) |
|---|---|---|---|
| A. EXTERIOR DOORS | | | |
| 1. Swinging | Masonite | Exterior Doors | FL 5508.1 |
| 2. Sliding | PGT | Sliding Glass Doors | FL 251-R21 |
| 3. Sectional | | | |
| 4. Roll up | | | |
| 5. Automatic | | | |
| 6. Other | | | |
| B. WINDOWS | | | |
| 1. Single hung | Andersen | Windows | FL 15906.1 |
| 2. Horizontal Slider | Andersen | " | FL. 15907 |
| 3. Casement | Andersen | " | FL. 15908 |
| 4. Double Hung | Pella | Windows - | FL. |
| 5. Fixed | Andersen | | FL 15910 |
| 6. Awning | | | |
| 7. Pass -through | | | |
| 8. Projected | | | |
| 9. Mullion | | | |
| 10. Wind Breaker | | | |
| 11 Dual Action | | | |
| 12. Other | | | |
| C. PANEL WALL | | | FL-13223-R1 |
| 1. Siding | James Hardie | Fibercement Siding | FL-8245.1 |
| 2. Soffits | James Hardie | Kaka soffit | FL- |
| 3. EIFS | | | |
| 4. Storefronts | | | |
| 5. Curtain walls | | | |
| 6. Wall louver | | | |
| 7. Glass block | | | |
| 8. Membrane | | | |
| 9. Greenhouse | | | |
| 10. Other | | | |
| D. ROOFING PRODUCTS | | | |
| 1. Asphalt Shingles | GAF | Shingles | FL 10124.1 |
| 2. Underlayments | GAF | Underlayment | FL 10626.1 |
| 3. Roofing Fasteners | | | FL 4595.2 R1 |
| 4. Non-structural Metal Rf | 29 26 GA | Metal Roofing AKzonobels CentiMaster | FL 4595.1 R1 |
| 5. Built-Up Roofing | | | |
| 6. Modified Bitumen | | | |
| 7. Single Ply Roofing Sys | | | |
| 8. Roofing Tiles | | | |
| 9. Roofing Insulation | | | |
| 10. Waterproofing | | | |
| 11. Wood shingles /shakes | | | |
| 12. Roofing Slate | | | |

COLUMBIA COUNTY BUILDING DEPARTMENT
REVIEWED FOR CODE COMPLIANCE
FIELD COPY
PLANS EXAMINER

Received Time Nov. 3. 12:12PM

| egory/Subcategory (cont.) | Manufacturer | Product Description | Approval Number(s) |
|---|---|---|---|
| 13. Liquid Applied Roof Sys | | | |
| 14. Cements-Adhesives – Coatings | GAF | Roofing Cement | FL 678-R7 |
| 15. Roof Tile Adhesive | | | |
| 16. Spray Applied Polyurethane Roof | | | |
| 17. Other | | | |
| E. SHUTTERS | | | |
| 1. Accordion | | | |
| 2. Bahama | | | |
| 3. Storm Panels | | | |
| 4. Colonial | | | |
| 5. Roll-up | | | |
| 6. Equipment | | | |
| 7. Others | | | |
| F. SKYLIGHTS | | | |
| 1. Skylight | Solatube | Skylights | FL 11480 - R6 |
| 2. Other | | | |
| G. STRUCTURAL COMPONENTS | | | |
| 1. Wood connector/anchor | Simpson | Strapping & clips | FL 958-R3 |
| 2. Truss plates | | | |
| 3. Engineered lumber | Weyerhaeuser | Engineered Wood | FL 1630-R7 |
| 4. Railing | | | |
| 5. Coolers-freezers | | | |
| 6. Concrete Admixtures | | | |
| 7. Material | | | |
| 8. Insulation Forms | | | |
| 9. Plastics | | | |
| 10. Deck-Roof | | | |
| 11. Wall | | | |
| 12. Sheds | | | |
| 13. Other | | | |
| H. NEW EXTERIOR ENVELOPE PRODUCTS | | | |
| 1. | | | |
| 2. | | | |

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

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

Sam L Keen 5/23/16

Contractor or Contractor's Authorized Agent Signature

Print Name

Date

Received Time-Nov. 3-12:12PM

Permit # (FOR STAFF USE ONLY)

# FLORIDA BUILDING CODE, ENERGY CONSERVATION

## Residential Building Thermal Envelope Approach

FORM R402-2014 Climate Zone ☐

**Scope:** Compliance with Section R402.1.1 of the *Florida Building Code, Energy Conservation*, shall be demonstrated by the use of Form R402 for single- and multiple-family residences of three stories or less in height, additions to existing residential buildings, alterations, renovations, and building systems in existing buildings, as applicable. To comply, a building must meet or exceed all of the energy efficiency requirements on Table R402A and all applicable mandatory requirements summarized in Table R402B of this form. If a building does not comply with this method, or by the UA Alternative method, it may still comply under Section R405 of the *Florida Building Code, Energy Conservation*.

PROJECT NAME AND ADDRESS: Ronsonet Norbie
OWNER: 910 SW Riverside Ave Ft White FL 32038
Norbie Ronsonet

BUILDER: SLK Construction Inc.
PERMITTING OFFICE:
JURISDICTION NUMBER:
PERMIT NUMBER:

General Instructions:

1. Fill in all the applicable spaces of the "To Be Installed" column on Table R402A with the information requested. All "To Be Installed" values must be equal to or more efficient than the required levels.
2. Complete page 1 based on the "To Be Installed" column information.
3. Read the requirements of Table R402B and check each box to indicate your intent to comply with all applicable items.
4. Read, sign and date the "Prepared By" certification statement at the bottom of page 1. The owner or owner's agent must also sign and date the form.

| | | | |
|---|---|---|---|
| 1. New construction, addition, or existing building | 1. | New | |
| 2. Single-family detached or multiple-family attached | 2. | Single | |
| 3. If multiple-family, number of units covered by this submission | 3. | — | |
| 4. Is this a worst case? (yes/no) | 4. | yes | |
| 5. Conditioned floor area (sq. ft.) | 5. | 1725 SF | |
| 6. Windows, type and area | | | |
| a) *U*-factor: | 6a. | 0.40 | |
| b) Solar Heat Gain Coefficient (SHGC) | 6b. | 0.25 | |
| c) Area | 6c. | 180 SF | |
| 7. Skylights | | | |
| a) *U*-factor: | 7a. | — | |
| b) Solar Heat Gain Coefficient (SHGC) | 7b. | — | |
| 8. Floor type, area or perimeter, and insulation: | | | |
| a) Slab-on-grade (*R*-value) | 8a. | | |
| b) Wood, raised (*R*-value) | 8b. | R-19 | |
| c) Wood, common (*R*-value) | 8c. | | |
| d) Concrete, raised (*R*-value) | 8d. | | |
| e) Concrete, common (*R*-value) | 8e. | | |
| 9. Wall type and insulation: | | | |
| a) Exterior: 1. Wood frame (Insulation *R*-value) | 9a1. | R-16 | |
| 2. Masonry (Insulation *R* value) | 9a2. | | |
| b) Adjacent 1. Wood frame (Insulation *R*-value) | 9b1 | R-4 | |
| 2. Masonry (Insulation *R*-value) | 9b2. | | |
| 10. Ceiling type and insulation | | | |
| a) Attic (Insulation R-value) | 10a. | R-38 | |
| b) Single assembly (Insulation *R*-value) | 10b. | | |
| 11. Air distribution system: | | | |
| a) Duct location, insulation | 11a. | R-6 | |
| b) AHU location | 11b. | Center of House | |
| c) Total duct leakage. Test report attached | 11c. | cfm/100 s.f. Yes ☐ No ☒ | |
| 12. Cooling system: a) type | 12a. | elect | |
| b) efficiency | 12b. | Heat Pump | |
| 13. Heating system: a) type | 13a. | | |
| b) efficiency | 13b. | | |
| 14. HVAC sizing calculation: attached | 14. | Yes ☒ No ☐ | |
| 15. Water heating system: a) type | 15a. | gas | |
| b) efficiency | 15b. | | |

I hereby certify that the plans and specifications covered by this form are in compliance with the *Florida Building Code, Energy Conservation*.
PREPARED BY: Date 6/22/17
I hereby certify that this building is in compliance with the *Florida Building Code, Energy Conservation*.
OWNER/AGENT: Date: 6/22/17

Review of plans and specifications covered by this form indicate compliance with the *Florida Building Code, Energy Conservation*. Before construction is complete, this building will be inspected for compliance in accordance with Section 553.908, F.S.
CODE OFFICIAL:
Date:

TABLE R402A

| BUILDING COMPONENT | PRESCRIPTIVE REQUIREMENTS[1] | | INSTALLED VALUES |
|---|---|---|---|
| | Climate Zone 1 | Climate Zone 2 | |
| Windows<br><br>Skylights | *U*-Factor = 0.65[2]<br>SHGC = 0.25<br>*U*-factor = 0.75<br>SHGC = 0.30 | *U*-Factor = 0.40[2]<br>SHGC = 0.25<br>*U*-factor = 0.65<br>SHGC = 0.30 | *U*-Factor = 0.40[2]<br>SHGC = 0.25<br>*U*-factor = 0.65<br>SHGC = 0.30 |
| Doors: Exterior door | *U*-factor = 0.65[3] | *U*-factor = 0.40 | *U*-factor 0.40[2] |
| Floors<br>Slab-on-Grade<br>Over unconditioned spaces | <br>NR<br>R-13 | <br>NR<br>R-13 | <br>NR<br>*R*-Value = R-19 |
| Walls[4]: Ext. and Adj.<br>Frame<br>Mass<br>Insulation on wall interior:<br>Insulation on wall exterior | <br>R-13<br><br>R-4<br>R-3 | <br>R-13<br><br>R-6<br>R-4 | <br>*R*-Value = R 13<br><br>*R*-Value = R 4<br>*R*-Value = |
| Ceilings[4]: | R-30 | R-38 | *R*-Value = R-38 |
| Air infiltration | Blower door test is required on the building envelope to verify leakage ≤ 5 ACH, test report provided to code official. | | Total leakage – ACH<br>Test report Attached?<br>Yes ☐ No ☒ |
| Air distribution system[5]:<br>Air handling unit<br>Duct *R*-value<br><br>Air leakage<br>Duct test<br><br>Ducts in conditioned space | <br>Not allowed in attic<br>*R*-value ≥ R-8 (supply in attics) or ≥ R-6 (all other duct locations)-<br><br><br>Postconstrucion test: Total leakage ≤ 4 cfm/100 s.f.<br>Rough-in test: Total leakage ≤ 3 cfm/100 s.f.<br>Test not required if all ducts and AHU are in conditioned space | | <br>Location<br>*R*-Value R-6<br><br>Total leakage = cfm/100s f.<br>Test report Attached? Yes ☐ No ☒<br>Location: |
| Air conditioning system:<br>Central system < 65,000 Btu/h<br>Room unit or PTAC<br>Other: | Minimum federal standard required by NAECA[6]<br>SEER 13.0<br>EER [from Table C403.2.3(3)]<br>See Tables C403.2.3(1)-(11) | | SEER= 16.0<br>EER = |
| Heating system:<br>Heat pump ≤ 65,000 Btu/h<br>Gas furnace, non-weatherized<br>Oil furnace, non-weatherized<br>Other: | Minimum federal standard required by NAECA[6]<br>HSPF 7.7 (before 1/1/15); HSPF 8.2 (as of 1/1/15)<br>AFUE 80%<br>AFUE 83% | | HSPF = 8.2<br>AFUE = NA<br>AFUE = NA |
| Water heating system (storage type):<br>Electric[7]<br><br>Gas fired[8]<br><br>Other (describe) | Minimum federal standard required by NAECA[6]<br>40 gal: EF = 0.92<br>50 gal: EF = 0.90<br>40 gal: EF = 0.59<br>50 gal: EF = 0.58 | | Gallons = on Demand<br>EF =<br>Gallons =<br>EF = |

NR = No requirement

(1) Each component present in the As Proposed home must meet or exceed each of the applicable performance criteria in order to comply with this code using this method.

(2) For impact rated fenestration complying with Section R301.2.1.2 of the *Florida Building Code, Residential* or Section 1609.1.2 of the *Florida Building Code, Building* the maximum *U*-factor shall be 0.75 in Climate Zone 1 and 0.65 in Climate Zone 2. An area-weighted average of *U*-factor and SHGC shall be accepted to meet the requirements, or up to 15 square feet of glazed fenestration area are exempted from the *U*-factor and SHGC requirement based on Sections R402.3.1, R402.3.2 and R402.3.3.

(3) One side-hinged opaque door assembly up to 24 square feet is exempted from this *U*-factor requirement.

(4) *R*-values are for insulation material only as applied in accordance with manufacturers' installation instructions. For mass walls, the "interior of wall" requirement must be met except if at least 50 percent of the insulation required for the "exterior of wall" is installed exterior of, or integral to, the wall.

(5) Ducts & AHU installed "substantially leak free" per Section R403.2.2. Test required by an energy rater certified in accordance with Section 553.99, *Florida Statutes*, or as authorized by *Florida Statutes*. The total leakage test is not required for ducts and air handlers located entirely within the building thermal envelope.

(6) Minimum efficiencies are those set by the *National Appliance Energy Conservation Act* of 1987 for typical residential equipment and are subject to NAECA rules and regulations. For other types of equipment, see Tables C403.2.3(1-11) of the Commercial Provisions of the *Florida Building Code, Energy Conservation*.

(7) For other electric storage volumes, min. EF = 0.97 - (0.00132 * volume).

(8) For other natural gas storage volumes, min. EF = 0.67 - (0.0019 * volume).

| TABLE R402B MANDATORY REQUIREMENTS | | | |
|---|---|---|---|
| Component | Section | Summary of Requirement(s) | Check |
| Air leakage | R402.4 | To be caulked, gasketed, weatherstripped or otherwise sealed per Table R402.4.1.1. Recessed lighting: IC-rated as having ≤ 2.0 cfm tested to ASTM E 283.<br>Windows and doors: 0.3 cfm/sq ft (swinging doors: 0.5 cfm/sf) when tested to NFRC 400 or AAMA/WDMA/CSA 101/I.S. 2/A440.<br>Fireplaces: Tight-fitting flue dampers & outdoor combustion air. | ✓ |
| Programmable thermostat | R403.1.2 | Where forced-air furnace is primary system, a programmable thermostat is required. | ✓ |
| Air distribution system | R403.2.2<br>R403.2.4 | Ducts shall be tested to Section 803 of the RESNET standards by an energy rater certified in accordance with Section 553.99, *Florida Statutes*, or as authorized by *Florida Statutes*. Air handling units are not allowed in attics. | ✓ |
| Water heaters | R403.4 | Comply with efficiencies in Table C404.2. Hot water pipes insulated to ≥ R-3 to kitchen outlets, other cases. Circulating systems to have an automatic or accessible manual OFF switch. Heat trap required for vertical pipe risers. | ✓ |
| Swimming pools & spas | R403.9 | Spas and heated pools must have vapor-retardant covers or a liquid cover or other means proven to reduce heat loss except if 70% of heat from site-recovered energy. Off/timer switch required. Gas heaters minimum thermal efficiency is 82%. Heat pump pool heaters minimum COP is 4.0. | — |
| Cooling heating equipment | R403.6 | Sizing calculation performed & attached. Special occasion cooling or heating capacity requires separate system or variable capacity system. | ✓ |
| Lighting equipment | R404.1 | At least 75% of permanently installed lighting fixtures shall be high-efficacy lamps. | ✓ |

# Seminole Trusses, Inc.

30726 Blue Star Hwy (US90) PO BOX: P.O. Box 69
Midway, FL 32343
Phone: (850) 575-0102
Fax: (850) 575-4413
www.seminoletrusses.com

# QUOTATION

JOB #: B46173c

Loading:

Printed: Thu, Jun 22 2017

## Customer Information:

| Name: | Contact: | Office or Home Phone: | Cell Phone: |
|---|---|---|---|
| Curt Burlingame | Fill in later | 850-575-0102 | |
| **Address:** | **City, State, Zip:** | | **Fax:** |
| | | | |

## Job Information:

| Description: | Region: | Invoice Number: | Customer P.O. #: | Payment Terms: |
|---|---|---|---|---|
| Ronsonet River House Floor Beams | | | | C.B.D. |
| **Address:** | | **City, State, Zip:** | | **Invoice Date:** |
| 910 SW Riverside Ave | | Ft White, FL | | |
| **Salesman:** | | **Designer:** | | **Delivery Date:** |
| Curt Burlingame | | RiChard Jackson | | |

**BEAM**

| QTY | SPAN | DESCRIPTION | MARK | DRAWING | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 8 | 38'00"00 | ...1-3/4X 16.00 LVL | | | | | | | |
| 4 | 48'00"00 | ...1-3/4X 16.00 LVL | | | | | | | |

**TOTAL TRUSSES:** 0

**TOTAL BEAMS:** 12

**TOTAL HANGERS:** 0

| | |
|---|---|
| **JOB PRICE** | **$3,495.00** |
| **TAXRATE 7%** | **$244.65** |
| **SUB TOTAL** | **$3,739.65** |
| **TOTAL** | **$3,739.65** |

NOTICE: We warn that trusses can cause property damage or personal injury if improperly installed or braced. Customer's, or his agents acceptance hereof shall constitute his affirmative representation that he is fully trained in the proper methods of truss installation and bracing. Please refer to "Bracing Wood Truss: Commentary and Recommendations", HIB-91, published by Truss Plate Institute, Inc. It is the customers responsibility to provide access to the jobsite.

I hereby authorize fabrication in accordance with the proposal. Trusses remain the property of the manufacture until full payment is made. Quoted price valid for 30 days.

*Accepted By* _____ *P.O. #* _____

# Seminole Trusses, Inc.

30726 Blue Star Hwy (US90) PO BOX: P.O. Box 69
Midway, FL 32343
Phone: (850) 575-0102
Fax: (850) 575-4413
www.seminoletrusses.com

# QUOTATION

JOB #: B46173c

Loading:

Printed: Thu, Jun 22 2017

## Customer Information:

| Name: | Contact: | Office or Home Phone: | Cell Phone: |
|---|---|---|---|
| Curt Burlingame | Fill in later | 850-575-0102 | |
| **Address:** | **City, State, Zip:** | | **Fax:** |
| | | | |

## Job Information:

| Description: | Region: | Invoice Number: | Customer P.O. #: | Payment Terms: |
|---|---|---|---|---|
| Ronsonet River House Floor Beams | | | | C.B.D. |
| **Address:** 910 SW Riverside Ave | | **City, State, Zip:** Ft White, FL | | **Invoice Date:** |
| **Salesman:** Curt Burlingame | | **Designer:** RiChard Jackson | | **Delivery Date:** |

**BEAM**

| QTY | SPAN | DESCRIPTION | MARK | DRAWING | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 8 | 38'00"00 | ...1-3/4X 16.00 LVL | | | | | | | |
| 4 | 48'00"00 | ...1-3/4X 16.00 LVL | | | | | | | |

**TOTAL TRUSSES:** 0

**TOTAL BEAMS:** 12

**TOTAL HANGERS:** 0

| | |
|---|---|
| **JOB PRICE** | **$3,495.00** |
| **TAXRATE 7%** | **$244.65** |
| **SUB TOTAL** | **$3,739.65** |
| **TOTAL** | **$3,739.65** |

NOTICE: We warn that trusses can cause property damage or personal injury if improperly installed or braced. Customer's, or his agents acceptance hereof shall constitute his affirmative representation that he is fully trained in the proper methods of truss installation and bracing. Please refer to "Bracing Wood Truss: Commentary and Recommendations", HIB-91, published by Truss Plate Institute, Inc. It is the customers responsibility to provide access to the jobsite.

I hereby authorize fabrication in accordance with the proposal. Trusses remain the property of the manufacture until full payment is made. Quoted price valid for 30 days.

*Accepted By* _____ *P.O. #* _____

# Seminole Trusses, Inc.

30726 Blue Star Hwy (US90) PO BOX: P.O. Box 69
Midway, FL 32343
Phone: (850) 575-0102
Fax: (850) 575-4413
www.seminoletrusses.com

# QUOTATION

JOB #: B46173a

Loading: 40 10 0 5

Printed: Thu, Jun 22 2017

## Customer Information:

| Name: | Contact: | Office or Home Phone: | Cell Phone: |
|---|---|---|---|
| Curt Burlingame | Fill in later | 850-575-0102 | |
| **Address:** | **City, State, Zip:** | | **Fax:** |
| | | | |

## Job Information:

| Description: | Region: | Invoice Number: | Customer P.O. #: | Payment Terms: |
|---|---|---|---|---|
| Ronsonet River House FLOORS | | | | C.B.D. |
| **Address:** 910 SW Riverside Ave | | **City, State, Zip:** Ft White, FL | | **Invoice Date:** |
| **Salesman:** Curt Burlingame | | **Designer:** RiChard Jackson | | **Delivery Date:** |

### WOODFLOOR

| QTY | SPAN<br>TC/BC | DESCRIPTION | MARK | DRAWING | SLOPE/TC<br>SLOPE/BC | OH-L<br>OH-R | CANT-L<br>CANT-R | STUB-L<br>STUB-R | |
|---|---|---|---|---|---|---|---|---|---|
| 36 | 14'10"12<br>4x2 / 4x2 | F1<br>1 -Ply 83.3 lb each | |  | 0.00<br>0.00 | 00'00"00<br>00'00"00 | 00'00"00<br>00'00"00 | 00'00"00<br>00'00"00 | |
| 18 | 15'00"08<br>4x2 / 4x2 | F2<br>1 -Ply 83.3 lb each | |  | 0.00<br>0.00 | 00'00"00<br>00'00"00 | 00'00"00<br>00'00"00 | 00'00"00<br>00'00"00 | |

**TOTAL TRUSSES:** 54 **2,142.00**

**TOTAL BEAMS:** 0

**TOTAL HANGERS:** 0

| | |
|---|---|
| **JOB PRICE** | **$2,875.00** |
| **TAXRATE 7%** | **$201.25** |
| **SUB TOTAL** | **$3,076.25** |
| **TOTAL** | **$3,076.25** |

NOTICE: We warn that trusses can cause property damage or personal injury if improperly installed or braced. Customer's, or his agents acceptance hereof shall constitute his affirmative representation that he is fully trained in the proper methods of truss installation and bracing. Please refer to "Bracing Wood Truss: Commentary and Recommendations", HIB-91, published by Truss Plate Institute, Inc. It is the customers responsibility to provide access to the jobsite.

I hereby authorize fabrication in accordance with the proposal. Trusses remain the property of the manufacture until full payment is made. Quoted price valid for 30 days.

*Accepted By* _____ *P.O. #* _____

# Seminole Trusses, Inc.

30726 Blue Star Hwy (US90) PO BOX: P.O. Box 69
Midway, FL 32343
Phone: (850) 575-0102
Fax: (850) 575-4413
www.seminoletrusses.com

# QUOTATION

JOB #: B46173a

Loading: 40 10 0 5

Printed: Thu, Jun 22 2017

## Customer Information:

| Name: | Contact: | Office or Home Phone: | Cell Phone: |
|---|---|---|---|
| Curt Burlingame | Fill in later | 850-575-0102 | |
| **Address:** | **City, State, Zip:** | | **Fax:** |
| | | | |

## Job Information:

| Description: | Region: | Invoice Number: | Customer P.O. #: | Payment Terms: |
|---|---|---|---|---|
| Ronsonet River House FLOORS | | | | C.B.D. |
| **Address:** 910 SW Riverside Ave | | **City, State, Zip:** Ft White, FL | | **Invoice Date:** |
| **Salesman:** Curt Burlingame | | **Designer:** RiChard Jackson | | **Delivery Date:** |

### WOODFLOOR

| QTY | SPAN<br>TC/BC | DESCRIPTION | MARK | DRAWING | SLOPE/TC<br>SLOPE/BC | OH-L<br>OH-R | CANT-L<br>CANT-R | STUB-L<br>STUB-R | |
|---|---|---|---|---|---|---|---|---|---|
| 36 | 14'10"12<br>4x2 / 4x2 | F1<br>1 -Ply 83.3 lb each | |  | 0.00<br>0.00 | 00'00"00<br>00'00"00 | 00'00"00<br>00'00"00 | 00'00"00<br>00'00"00 | |
| 18 | 15'00"08<br>4x2 / 4x2 | F2<br>1 -Ply 83.3 lb each | |  | 0.00<br>0.00 | 00'00"00<br>00'00"00 | 00'00"00<br>00'00"00 | 00'00"00<br>00'00"00 | |

**TOTAL TRUSSES:** 54 **2,142.00**

**TOTAL BEAMS:** 0

**TOTAL HANGERS:** 0

| | |
|---|---|
| **JOB PRICE** | **$2,875.00** |
| **TAXRATE 7%** | **$201.25** |
| **SUB TOTAL** | **$3,076.25** |
| **TOTAL** | **$3,076.25** |

NOTICE: We warn that trusses can cause property damage or personal injury if improperly installed or braced. Customer's, or his agents acceptance hereof shall constitute his affirmative representation that he is fully trained in the proper methods of truss installation and bracing. Please refer to "Bracing Wood Truss: Commentary and Recommendations", HIB-91, published by Truss Plate Institute, Inc. It is the customers responsibility to provide access to the jobsite.

I hereby authorize fabrication in accordance with the proposal. Trusses remain the property of the manufacture until full payment is made. Quoted price valid for 30 days.

*Accepted By* _____ *P.O. #* _____

**JOB #: B46173B**

**QUOTATION**

**TOTAL TRUSSES:** 34

**TOTAL BEAMS:** 0

**TOTAL HANGERS:** 0

3,439.33

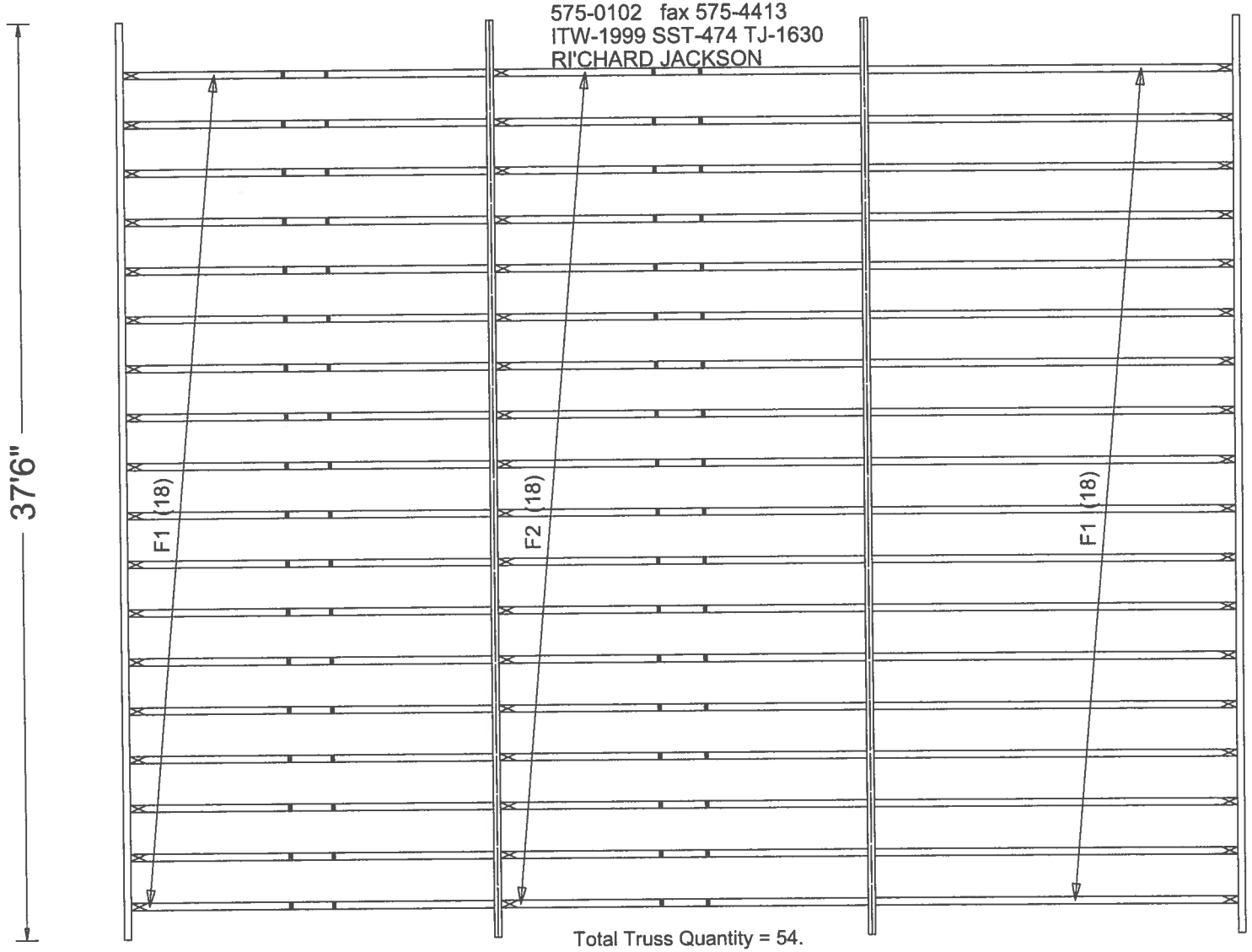
| | |
|---|---|
| **JOB PRICE** | **$5,390.00** |
| **TAXRATE 7%** | **$377.30** |
| **SUB TOTAL** | **$5,767.30** |
| **TOTAL** | **$5,767.30** |

NOTICE: We warn that trusses can cause property damage or personal injury if improperly installed or braced. Customer's, or his agents acceptance hereof shall constitute his affirmative representation that he is fully trained in the proper methods of truss installation and bracing. Please refer to "Bracing Wood Truss: Commentary and Recommendations", HIB-91, published by Truss Plate Institute, Inc. It is the customers responsibility to provide access to the jobsite.

I hereby authorize fabrication in accordance with the proposal. Trusses remain the property of the manufacture until full payment is made. Quoted price valid for 30 days.

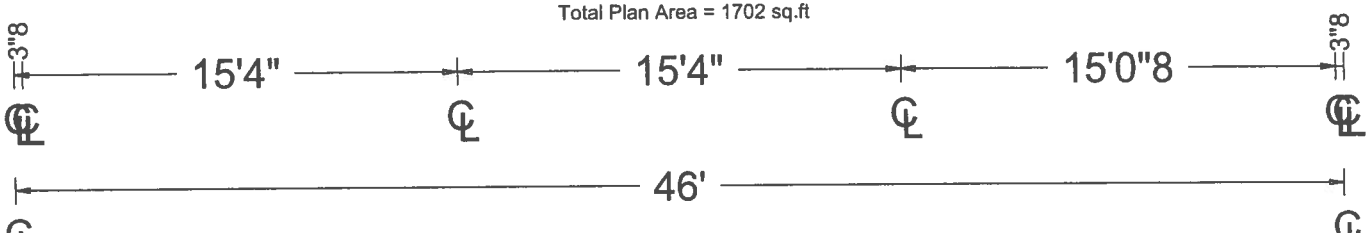
*Accepted By* _____ *P.O. #* _____

SEMINOLE TRUSSES inc.
I-10 Ex#192, 2miNW US90
MIDWAY FL 32343 850-
575-0102 fax 575-4413
ITW-1999 SST-474 TJ-1630
RI'CHARD JACKSON




Total Truss Quantity = 54.

Total Plan Area = 1702 sq.ft




SEMINOLE TRUSSES

Job Name: Ronsonet River House FLOO
Customer: Curt Burlingame
Designer: RiChard Jackson
PlanName: Norbie Ronsonet
Created : 06-22-2017
SemRef# : B46173a

JOB NO:
B46173a

PAGE NO:

Job:(B46173a) -Ronsonet River House FLOO Curt Burlingame / F2

THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT

Value Set: 13B (Effective 6/1/2013)

Top chord 4x2 SP #1
Bot chord 4x2 SP #1
Webs 4x2 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

MAX CSI: TC = 0.34, BC = 0.68, WEBS = 0.37.

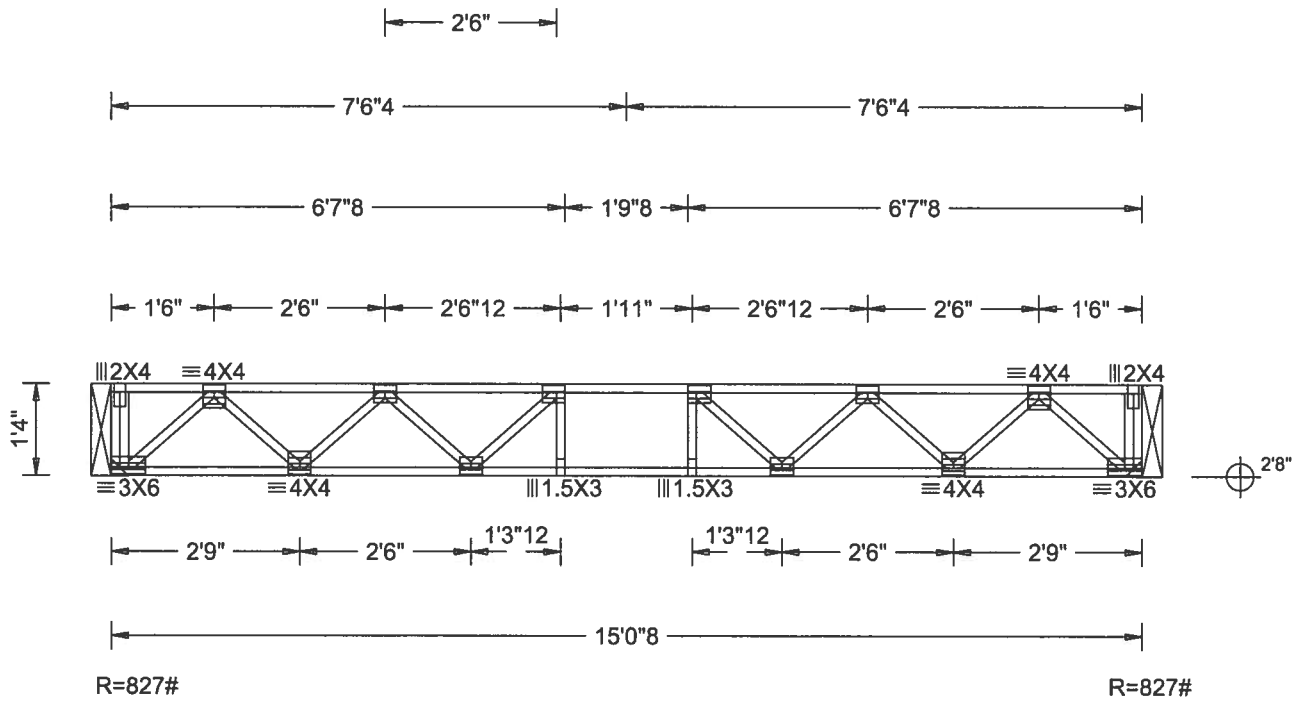
All plates are 3X4 except as noted.

See detail STRBRIBR1014 for bracing and bridging recommendations.

Deflection estimate assumes composite action with single layer of the appropriate span rated glue-nailed wood sheathing.

Deflection meets L/480 live and L/360 total load. Creep increase factor for dead load is 1.50.

Truss must be installed as shown with top chord up.




DESC. = F2
PLT. TYP.-WAVE

DESIGN CRIT=FBC2014RES/TPI-2007 FT/RT=12%(0%)/ 0(0)

QTY= 18 TOTAL= 18

REV. 16.01.00F.0504.20

SEQ = 624174
SCALE =0.3750

SEMINOLE TRUSSES

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.

**A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.**

For more information see this job's general notes page and these web sites:
ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

| | |
|---|---|
| TC LL | 40.0psf |
| TC DL | 10.0psf |
| BC DL | 5.0psf |
| BC LL | 0.0psf |
| TOT.LD. | 55.0psf |
| DUR.FAC. | 1.00 |
| SPACING | 24.0" |

| | |
|---|---|
| REF | |
| DATE | 06-22-2017 |
| DRWG | |
| | RMJ |
| O/A LEN. | 150008 |
| JOB #: | B46173a |
| TYPE | SY42 |

# Seminole Trusses, Inc.

30726 Blue Star Hwy (US90) PO BOX: P.O. Box 69
Midway, FL 32343
Phone: (850) 575-0102
Fax: (850) 575-4413
www.seminoletrusses.com

# QUOTATION

JOB #: B46173b

Loading: 20 7 0 10

Printed: Thu, Jun 22 2017

## Customer Information:

| Name: | Contact: | Office or Home Phone: | Cell Phone: |
|---|---|---|---|
| Curt Burlingame | Fill in later | 850-575-0102 | |
| **Address:** | **City, State, Zip:** | | **Fax:** |
| | | | |

## Job Information:

| Description: | Region: | Invoice Number: | Customer P.O. #: | Payment Terms: |
|---|---|---|---|---|
| Ronsonet River House ROOF | | | | C.B.D. |
| **Address:** 910 SW Riverside Ave | | **City, State, Zip:** Ft White, FL | | **Invoice Date:** |
| **Salesman:** Curt Burlingame | | **Designer:** RiChard Jackson | | **Delivery Date:** |

## WOODTRUSS

| QTY | SPAN<br>TC/BC | DESCRIPTION | MARK | DRAWING | SLOPE/TC<br>SLOPE/BC | OH-L<br>OH-R | CANT-L<br>CANT-R | STUB-L<br>STUB-R |
|---|---|---|---|---|---|---|---|---|
| 2 | 49'06"00<br>2x4 / 2x4 | A1'<br>1 -Ply 313.6 lb each | |  | 6.00<br>0.00 | 02'00"00<br>02'00"00 | 00'00"00<br>00'00"00 | 00'00"00<br>00'00"00 |
| 2 | 49'06"00<br>2x4 / 2x4 | A2<br>1 -Ply 267.4 lb each | |  | 0.00<br>0.00 | 02'00"00<br>02'00"00 | 00'00"00<br>00'00"00 | 00'00"00<br>00'00"00 |
| 8 | 49'06"00<br>2x4 / 2x4 | A3<br>1 -Ply 256.2 lb each | |  | 6.00<br>3.00 | 02'00"00<br>02'00"00 | 00'00"00<br>00'00"00 | 00'00"00<br>00'00"00 |
| 14 | 37'06"00<br>2x4 / 2x4 | A4<br>1 -Ply 205.8 lb each | |  | 6.00<br>3.00 | 02'00"00<br>00'00"00 | 00'00"00<br>00'00"00 | 00'00"00<br>00'00"00 |
| 1 | 25'03"00<br>2x4 / 2x4 | B1'<br>1 -Ply 149.8 lb each | |  | 0.00<br>0.00 | 00'00"00<br>00'00"00 | 00'00"00<br>00'00"00 | 00'00"00<br>00'00"00 |
| 7 | 25'03"00<br>2x4 / 2x4 | B2<br>1 -Ply 140.0 lb each | |  | 0.00<br>0.00 | 00'00"00<br>00'00"00 | 00'00"00<br>00'00"00 | 00'00"00<br>00'00"00 |

Job:(B46173b) -Ronsonet River House ROOF Curt Burlingame / A3

THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS MFR'S LAYOUT

Value Set: 13B (Effective 6/1/2013)

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

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

MAX CSI: TC = 0.66, BC = 0.73, WEBS = 0.99.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Plates sized for a minimum of 3.50 sq.in./piece.

(++) - This plate works for both joints covered.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=4.2 psf, wind BC DL=5.2 psf. GCpi(+/-)=0.18

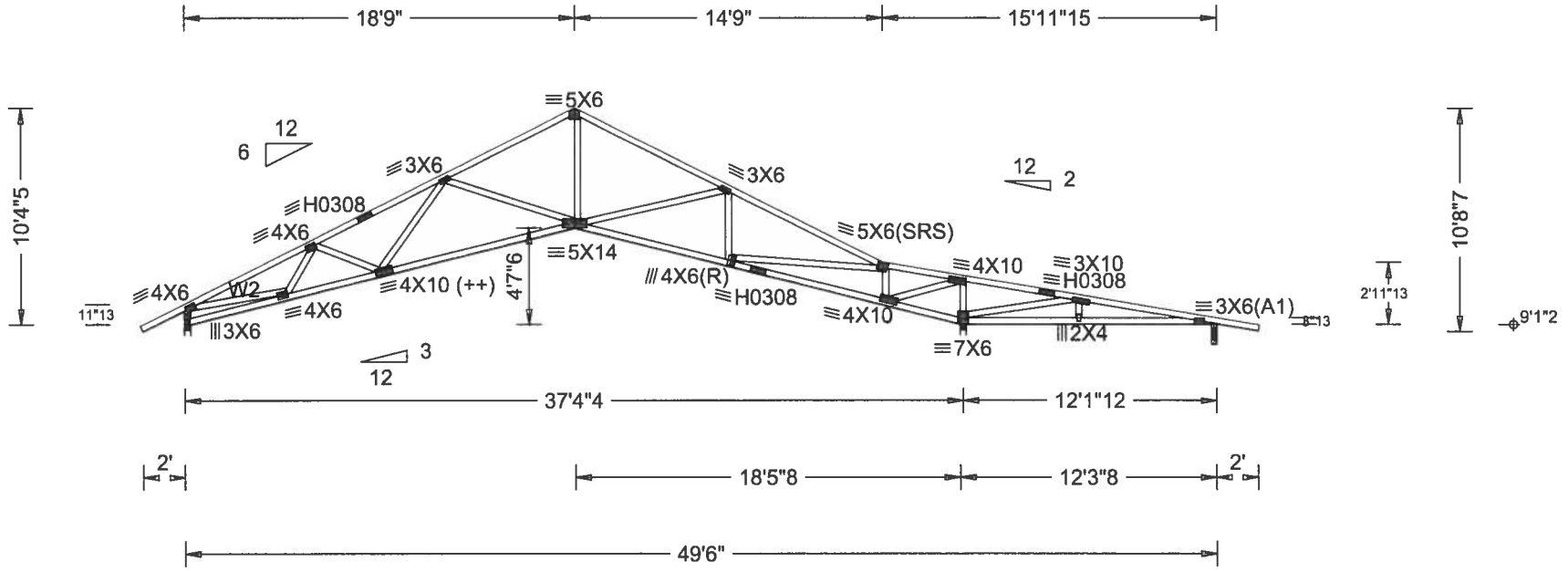
Wind loads and reactions based on MWFRS with additional C&C member design.

Calculated horizontal deflection is 0.15" due to live load and 0.26" due to dead load.

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

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Shim all supports to solid bearing.




R=1425# U=303# RL=256/-277# W=3"8
(Fcperp 425psi)

R=2366# U=478# W=3"8
(Fcperp 425psi)

R=352/-99# U=193# W=3"
(Fcperp 425psi)

LEFT RAKE = 2'2"13

RIGHT RAKE = 2'0"5

DESC. = A3
PLT. TYP.-WAVE

DESIGN CRIT=FBC2014RES/TPI-2007 FT/RT=20%(0%)/ 0(0)

QTY= 8 TOTAL= 8

REV. 16.01.00F.0504.20

SEQ = 624202
SCALE =0.1250

SEMINOLE TRUSSES

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.

**A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.**

For more information see this job's general notes page and these web sites:
ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA. www.sbcindustry.com; ICC www.iccsafe.org

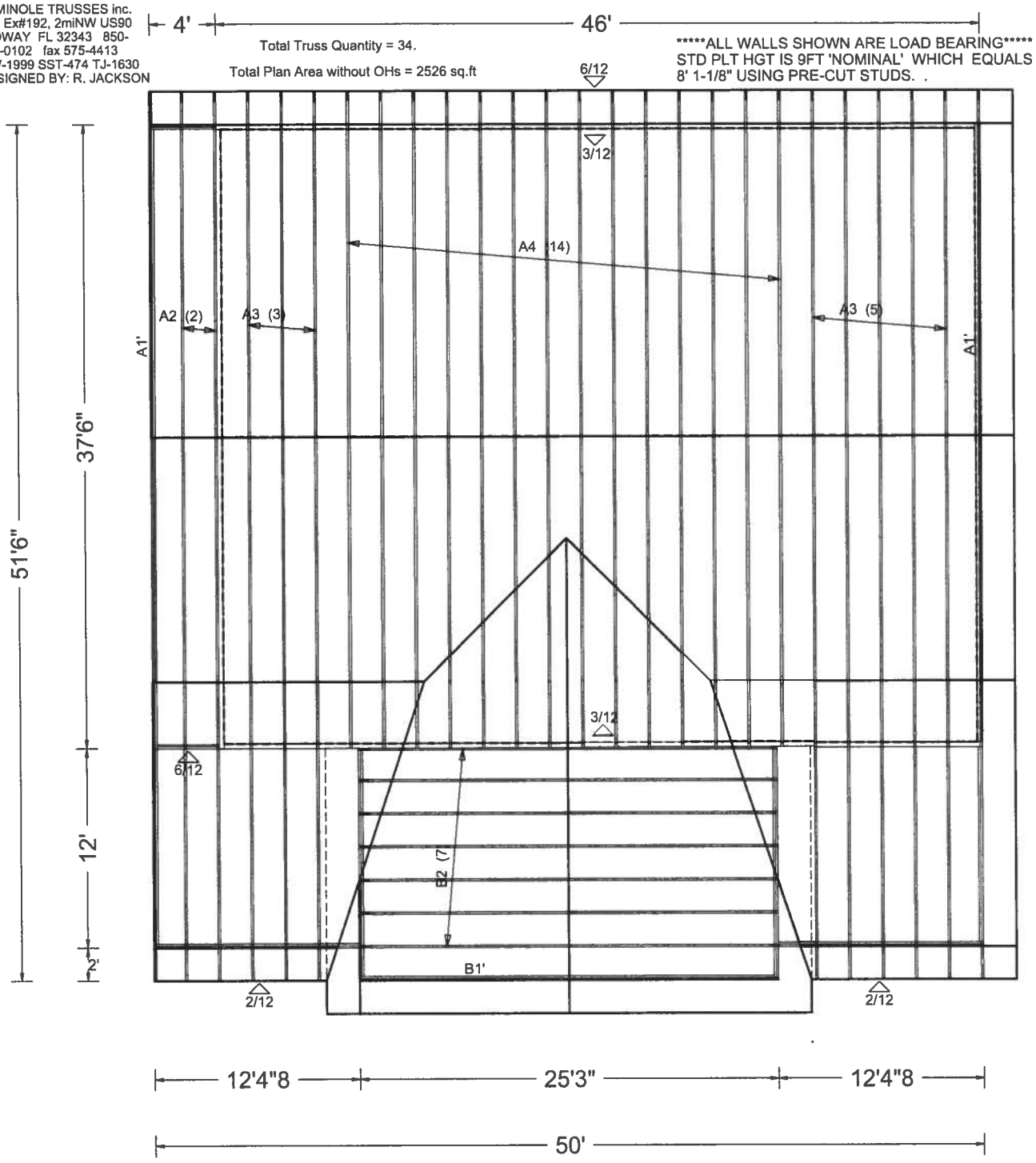
| | | | |
|---|---|---|---|
| TC LL | 20.0psf | REF | |
| TC DL | 7.0psf | DATE | 06-22-2017 |
| BC DL | 10.0psf | DRWG | |
| BC LL | 0.0psf | | RMJ |
| TOT.LD. | 37.0psf | O/A LEN. | 490600 |
| DUR.FAC. | 1.25 | JOB #: | B46173b |
| SPACING | 24.0" | TYPE | COMN |

SEMINOLE TRUSSES inc.
I-10 Ex#192, 2miNW US90
MIDWAY FL 32343 850-
575-0102 fax 575-4413
ITW-1999 SST-474 TJ-1630
DESIGNED BY: R. JACKSON

Total Truss Quantity = 34.

Total Plan Area without OHs = 2526 sq.ft

*****ALL WALLS SHOWN ARE LOAD BEARING*****
STD PLT HGT IS 9FT 'NOMINAL' WHICH EQUALS
8' 1-1/8" USING PRE-CUT STUDS. .




SEMINOLE TRUSSES

Job Name: Ronsonet River House ROOF
Customer: Curt Burlingame
Designer: RiChard Jackson
PlanName: Norbie Ronsonet
Created : 06-22-2017
SemRef# : B46173b

JOB NO:
B46173b

PAGE NO:

# PRODUCT APPROVAL SPECIFICATION SHEET

**Location:** **Project Name:**

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

| Category/Subcategory | Manufacturer | Product Description | Approval Number(s |
|---|---|---|---|
| A. EXTERIOR DOORS | | | |
| 1. Swinging | Masonite | Exterior Doors | FL 5508.1 |
| 2. Sliding | Pella | Sliding Glass Doors | FL 251-R21 |
| 3. Sectional | | | |
| 4. Roll up | | | |
| 5. Automatic | | | |
| 6. Other | | | |
| B. WINDOWS | | | |
| 1. Single hung | Andersen | Windows | FL 15906.1 |
| 2. Horizontal Slider | Andersen | " | FL 15907 |
| 3. Casement | Andersen | " | FL 15908 |
| 4. Double Hung | Pella | Windows - | FL |
| 5. Fixed | Andersen | | FL 15910 |
| 6. Awning | | | |
| 7. Pass -through | | | |
| 8. Projected | | | |
| 9. Mullion | | | |
| 10. Wind Breaker | | | |
| 11 Dual Action | | | |
| 12. Other | | | |
| C. PANEL WALL | | | FL-13223-R1 |
| 1. Siding | James Hardie | Fibercement Siding | FL-13245.1 |
| 2. Soffits | James Hardie | Kaka Soffit | FL - |
| 3. EIFS | | | |
| 4. Storefronts | | | |
| 5. Curtain walls | | | |
| 6. Wall louver | | | |
| 7. Glass block | | | |
| 8. Membrane | | | |
| 9. Greenhouse | | | |
| 10. Other | | | |
| D. ROOFING PRODUCTS | | | |
| 1. Asphalt Shingles | GAF | Shingles | FL 10134.1 |
| 2. Underlayments | GAF | Underlayment | FL 10626.1 |
| 3. Roofing Fasteners | | | FL 4595.2R1 |
| 4. Non-structural Metal Rf | 29 26 GA | Metal Roofing - AR zonobels CertainTeed | FL 4595.1R1 |
| 5. Built-Up Roofing | | | |
| 6. Modified Bitumen | | | |
| 7. Single Ply Roofing Sys | | | |
| 8. Roofing Tiles | | | |
| 9. Roofing Insulation | | | |
| 10. Waterproofing | | | |
| 11. Wood shingles /shakes | | | |
| 12. Roofing Slate | | | |

COLUMBIA COUNTY BUILDING DEPARTMENT
REVIEWED FOR CODE COMPLIANCE
FIELD COPY
PLANS EXAMINER

Received Time Nov. 3. 12:12PM