DATE 09/23/2015

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000033394

APPLICANT GARY THOMPSON PHONE 386-935-2118

ADDRESS 3554 256 STREET O'BRIEN FL 32071

OWNER DAVID & KIMBERLY HUNT PHONE 497-4556

ADDRESS 424 SW BLUFF DR FORT WHITE FL 32038

CONTRACTOR GARY THOMPSON PHONE 386-935-2118

LOCATION OF PROPERTY 47 S. R HOLLINGSWORTH RD. SLIGHT RIGHT ONTO BLUFF DR.
GO 1/8 MILE ON LEFT

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 144000.00

HEATED FLOOR AREA 1840.00 TOTAL AREA 2880.00 HEIGHT STORIES 1

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH FLOOR WOOD

LAND USE & ZONING ESA-2 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 0 FLOOD ZONE AE DEVELOPMENT PERMIT NO. 15-006

PARCEL ID 18-7S-16-04236-009 SUBDIVISION CEDAR SPRING SHORES

LOT 24 BLOCK PHASE UNIT 1 TOTAL ACRES

000002226		CRC0468690	X Gary W Thompson	
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
WAIVER	15-0457	BS	TC	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

Time/STUP No.

COMMENTS: NOC ON FILE, NEED ONE FOOT RISE LETTER AND FINISHED CONSTRUCTION
ELEVATION CERTIFICATE BEFORE CERTIFICATE OF OCCUPANCY
MINIMUM FINISHED FLOOR AND EQUIPMENT AT 36.3' Check # or Cash 17510

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 $ 720.00 CERTIFICATION FEE $ 14.40 SURCHARGE FEE $ 14.40

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ 50.00 FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 873.80

INSPECTORS OFFICE ZA CLERKS OFFICE CW

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 ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

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

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

Menergy Manual 2nd Pg Signature - Home Owner

Ok# 17510

SIGNATURES: OWEN'S, NALL'S, STEVENS, PLUMB

Columbia County New Building Permit Application

For Office Use Only Application # 1508-77 Date Received 8/31 By JW Permit # 2226/33394

Zoning Official [signature] Date 9-22-15 Flood Zone AE *Shad Land Use ESA Zoning ESA-2

FEMA Map # 526C Elevation 35.3' MFE 36.3' River Sante fe Plans Examiner J.C. Date 9-22-15

Comments Need 1' Rise Certification and finished Construction Elevation & Equipment

☑ NOC ☑ EH ☑ Deed or PA ☑ Site Plan ☐ State Road Info ☑ Well letter ☑ 911 Sheet ☐ Parent Parcel # ____

☑ Dev Permit # 15-006 ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter

☐ Owner Builder Disclosure Statement ☐ Land Owner Affidavit ☐ Ellisville Water ☑ App Fee Paid ☑ Sub VF Form

Septic Permit No. 15-0457 OR City Water Fax ____

Applicant (Who will sign/pickup the permit) GARY W. THOMPSON Phone (386) 935-2118

Address 3554 256 ST. O'BRIEN, FL 32071

Owners Name DAVID WILLIAMS - KIMBERLY HUNT Phone (386) 497-4556

911 Address 424 SW Bluff Dr. fort White, FL 32038

Contractors Name GARY W. THOMPSON Phone (386) 935-2118

Address 3554 256 ST. O'BRIEN, FL 32071

Contractor Email thompsonconst@windstream.net ***Include to get updates on this job.

Fee Simple Owner Name & Address DAVID WILLIAMS - KIMBERLY HUNT 768 SW BLUFF DR. FT. WHITE. 32038

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address GARY GILL 426 SW COMMERCE DR. LAKE CITY

Mortgage Lenders Name & Address N/A

Circle the correct power company – FL Power & Light – (Clay Elec.) – Suwannee Valley Elec. – Duke Energy

Property ID Number 18-7S-16-04236-009 Estimated Construction Cost $273,000.00

Subdivision Name CEDAR SPRING SHORES Lot 24 Block - Unit 1 Phase -

Driving Directions from a Major Road FROM SR 47 TURN ONTO HOLLINGSWORTH RD GO 1/4 MILE TAKE SLIGHT RIGHT TURN ONTO SW BLUFF DR. GO 1/8 MILE SITE ON LEFT.

Construction of SINGLE FAMILY DWELLING ____ Commercial OR ✓ Residential

Proposed Use/Occupancy " HOUSE Number of Existing Dwellings on Property -0-

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 ____ Side 30 Side 30 Rear ____

Number of Stories 1 Heated Floor Area 1840 Total Floor Area 2880. Acreage 1 AC.

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

(Spoke to Him on 9-22-15)

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. 1508-77

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.

Kimberley A. Hunt — David R. Williams

Kimberley A. Hunt — David R. Williams

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.

Gary W Thompson

Contractor's Signature

Contractor's License Number CRC046890

Columbia County Competency Card Number 536

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 31st **day of** August **20**15.

Personally known ✓ **or Produced Identification** _____

Laurie Hodson

State of Florida Notary Signature (For the Contractor)

SEAL:

LAURIE HODSON
MY COMMISSION # EE 214728
EXPIRES: July 14, 2016
Bonded Thru Notary Public Underwriters

#33394

Gill Engineering Services, Inc.
Gary Gill, PE
426 SW Commerce Dr. Suite 130-M
Lake City, FL 32025
(Phone) 386.590.1242
ggill@gillengineeringservices.com

January 11, 2015

Gary Thompson
Thompson Construction

Subject: Hunt Williams
Structural Plan Modifications
Headers – Rev 1

Gary,

The grade beams tying the column footings are shown on the plans with (2) #5 top and bottom rebars. Per our conversation, the (4) re-bars can be replaced (3) #5 rebar in the bottom of the grade beam.

The (3) 2x12 headers over wall openings can be replaced with (3)2x10 headers. Rev 1

If you have any questions, feel free to contact me.

Gary Gill, PE
1/11/15

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

PERMIT NO. 15-0457
DATE PAID: 8/21/15
FEE PAID: 310.00
RECEIPT #: 1201687

APPLICATION FOR:
[✓] New System [ ] Existing System [ ] Holding Tank [ ] Innovative
[ ] Repair [ ] Abandonment [ ] Temporary [ ] _____

APPLICANT: David Williams and Kimberly Hunt

AGENT: Howard's Septic Service Inc. TELEPHONE: 386-935-1518

MAILING ADDRESS: PO Box 180 Branford FL 32008

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

PROPERTY INFORMATION

LOT: 24 BLOCK: 1 SUBDIVISION: ~~Cedar Shores~~ Cedar Springs Shores PLATTED: 1975

PROPERTY ID #: 18-7S-16-04236-009 ZONING: RES I/M OR EQUIVALENT: [No]

PROPERTY SIZE: 1.070 ACRES WATER SUPPLY: [✓] PRIVATE PUBLIC [ ]<=2000GPD [ ]>2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? [No] DISTANCE TO SEWER: _____ FT

PROPERTY ADDRESS: SW Bluff Drive

DIRECTIONS TO PROPERTY: from Fort White take SR 47 south. Turn right on SW Hollingsworth St. Turn right on SW Bluff Drive Continue 0.30 mile to property on left.

BUILDING INFORMATION [✓] RESIDENTIAL [ ] COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	SFR	3	1840	2nd Unit
2				(Sent on 8/21/15)
3				
4				

[ ] Floor/Equipment Drains [ ] Other (Specify) _____

SIGNATURE: Felton C Howard DATE: 8/21/15

DH 4015, 08/09 (Obsoletes previous editions which may not be used)
Incorporated 64E-6.001, FAC

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR CONSTRUCTION PERMIT

Permit Application Number 15-0457-N

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

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

Notes _____

Site Plan submitted by: (X) _____ Agent

Plan Approved ✓ Not Approved ____ Date 8-28-15

By Sallie Ford Env Manager Columbia County Health Department

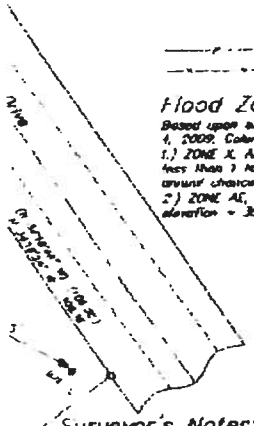
ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

A Boundary & Topographic Survey
Lot 24, Cedar Spring Shores Unit No. 1
In Section 18, Township 7 South, Range 16 East
Columbia County, Florida
For: David Williams and Kimberly Hunt

Description:
Lot 24, Cedar Spring Shores, Unit No. 1, according to the plat thereof recorded in Plat Book 4, Page 2, Public Records of Columbia County, Florida.

Legend:

- Denotes 4"x 4" concrete monument found - PSM 1079
- Denotes 5/8" rebar set - PSM 4929
- Denotes railroad spike found - no number
- Denotes 4"x 4" concrete monument found - no number
- Denotes 1/2" iron pipe found - no number
- Denotes 3/4" iron pipe found - no number
- Denotes power pole
- Denotes aerial electric line
- Denotes existing wire fence



Flood Zone Statement:
Based upon examination of Flood Insurance Rate Map (FIRM) number 12023C0528D, effective date February 4, 2009, Columbia County, Florida, the property lies in 2 zones.
1.) ZONE X, Areas of 0.2% annual chance flood, areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile, and areas protected by levees from 1% annual chance flood.
2.) ZONE AE, Special flood hazard areas subject to inundation by the 1% annual chance flood. Base flood elevation = 35.3 feet.

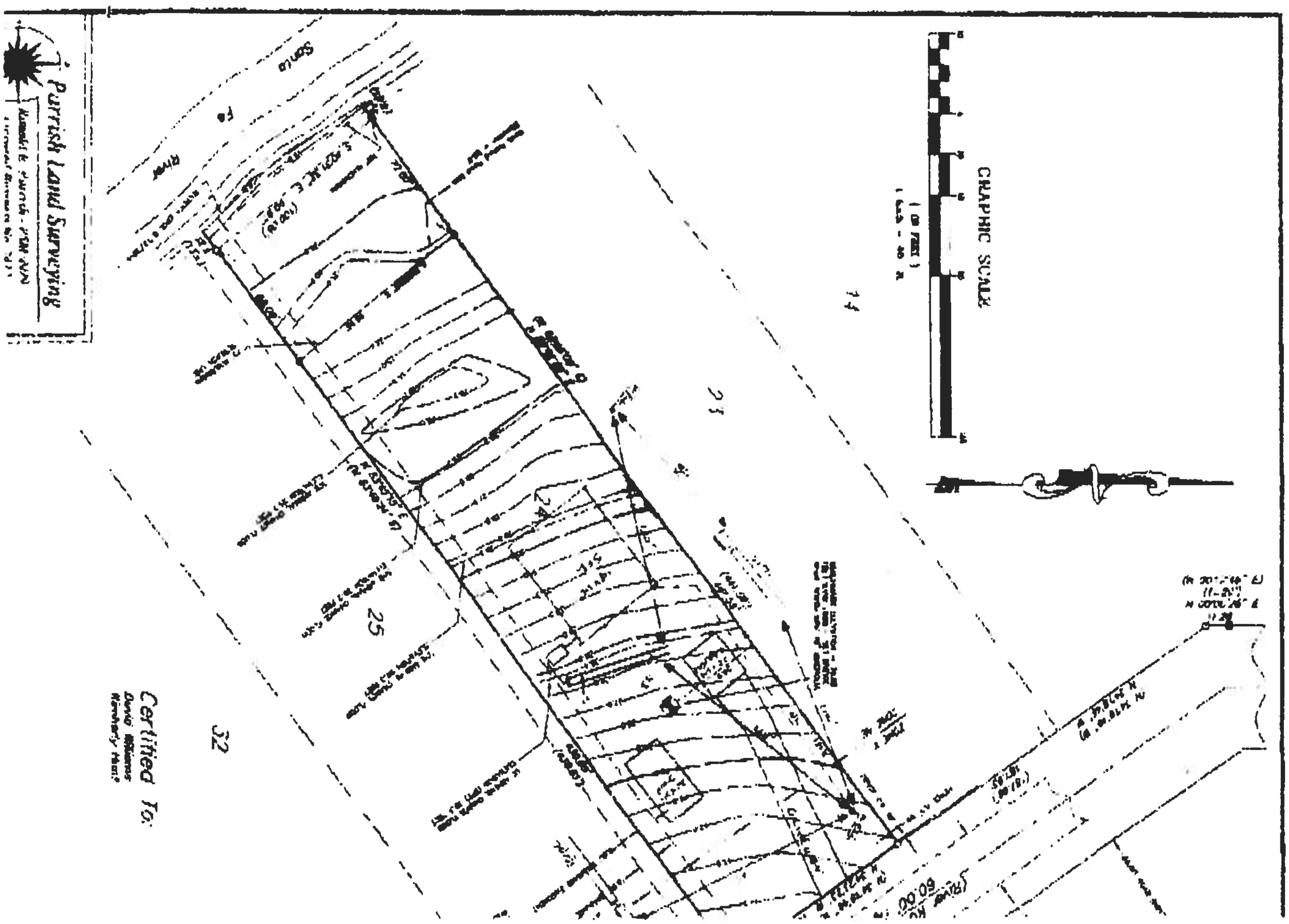
Flood Report:
Published by the Suwannee River Water Management District
elevations referenced to NAVD 1988

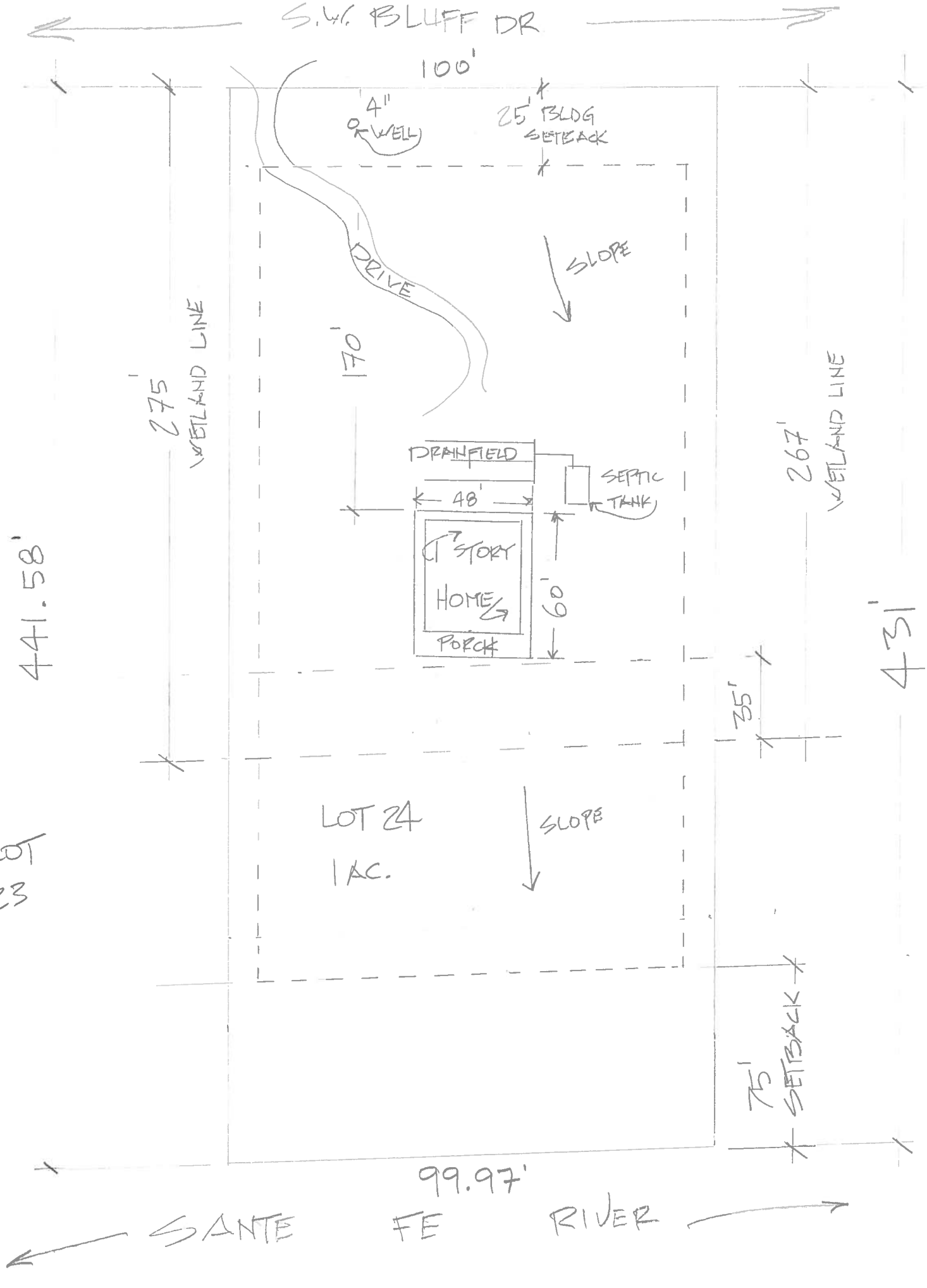
1% Annual Chance Flood Elevation (BFE) = 35.3 (feet)
10% Annual Chance Flood Elevation = 29.3 (feet)
30% Annual Chance Flood Elevation = 25.2 (feet)

Surveyor's Notes:
1.) Bearings referenced to the Westerly right-of-way line of River Road (N 34°18'46" W) based on the record plat.
2.) Below ground foundations not located.
3.) Improvements do not exist.
4.) Below ground utilities not located.
5.) Comparison of field measurements to record plat dimensions are shown hereon with record plat dimensions being shown in parentheses ( ).
6.) Boundary determined from existing and locally accepted monumentation.
7.) Except as specifically stated or shown on this plat, this survey does not purport to reflect any of the following which may be applicable to the subject real estate: easements, other than possible easements that were visible at the time of making of this survey; building setback lines; restrictive covenants; subdivision restrictions; zoning or other land use regulations, and any other facts that an accurate and current title search may disclose.
8.) DECLARATION is made solely to those that this survey is certified to. It is not transferable to additional institutions or subsequent owners.
9.) Survey "Not valid without the signature and the original raised seal of a Florida Surveyor and Mapper." Additions or deletions to survey maps or reports by other than the signing party or parties is prohibited without written consent of the signing party or parties.
10.) Certification of survey data shown upon this plat is valid as per the field work completion date and not as per signature date.
11.) Elevations referenced to the North American Vertical Datum of 1988. Benchmark used - Florida Department of Transportation brass disk in the South end of the bridge on State Road No. 47 over the Santa Fe River - elevation 32.63 feet.
12.) Contours shown at 1' intervals.
13.) Parcel Identification No. 18-7S-16-04328-009.
14.) Flood zones lines depicted hereon are scanned from the Flood Insurance Rate Maps (FIRM) and are not based on field measurements.
15.) The Mean Annual Flood Line was determined by field observations present at the site as listed in Florida Statutes Chapter 381.2065, Section 3 (i), subparagraphs 1-7.

Certificate:
I hereby certify that this is a true and correct representation of a survey made under my responsible direction and supervision, that meets the standards of practice set forth by the Board of Professional Surveyors and Mappers in Chapter 5J-17, Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.

John C. Harvard


Parrish Land Surveying
GRAPHIC SCALE
Certified To:
14
25
32


S.W. BLUFF DR
100'
4" WELL
25' BLDG SETBACK
DRIVE
SLOPE
170'
275' WETLAND LINE
267' WETLAND LINE
DRAINFIELD
SEPTIC TANK
48'
1 STORY HOME
PORCH
60'
441.58'
431'
35'
LOT 24
1 AC.
SLOPE
LOT 23
75' SETBACK
99.97'
SANTE FE RIVER

GATNER SIGNATURES -

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 150877 CONTRACTOR GART W THOMPSON PHONE (386) 935-2118

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 309	Print Name MATT BURNS ELECTRIC License #: EC13006531	Signature [signature] Phone #: 386 935-0444
MECHANICAL/ A/C 564	Print Name DAVID HALLS HVAC License #: CAC057424	Signature [signature] Phone #:
PLUMBING/ GAS 728	Print Name Plumbing Concepts Inc License #: CFC1427326	Signature [signature] Phone #: 386-288-5111
ROOFING 536	Print Name THOMPSON CUSTOM HOMES License #: CRCO 468690	Signature [signature] Phone #: (386) 935-2118
SHEET METAL	Print Name License #: N/A	Signature Phone #:
FIRE SYSTEM/ SPRINKLER	Print Name License#: N/A	Signature Phone #:
SOLAR	Print Name License #: N/A	Signature Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON 620		BRANT STEVENS	[signature]
CONCRETE FINISHER	N/A	—	
FRAMING 536	CRCO468890	GART W THOMPSON	[signature]
INSULATION	↓	↓	↓
STUCCO	N/A	—	
DRYWALL	CRCO46889	[redacted]	[signature]
PLASTER			
CABINET INSTALLER 536	CRCO468890	GART W THOMPSON	[signature]
PAINTING 536	↓	↓	↓
ACOUSTICAL CEILING	N/A	—	
GLASS	N/A	—	
CERAMIC TILE 536	CRCO468890	GART W THOMPSON	[signature]
FLOOR COVERING 536	↓	↓	↓
ALUM/VINYL SIDING	CRCO46889	[redacted]	[signature]
GARAGE DOOR	N/A	—	
METAL BLDG ERECTOR	N/A	—	

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

NOTICE OF COMMENCEMENT

Clerk's Office Stamp

Inst:201512015815 Date:9/23/2015 Time:10:29 AM
DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1301 P:1013

Tax Parcel Identification Number:

18-7S-16E-04236-009

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 24 UNIT 1 CEDAR SPRING SHORES
   a) Street *(job)* Address:
2. General description of improvements: CONSTRUCT NEW HOME
3. Owner Information or Lessee information if the Lessee contracted for the improvements:
   a) Name and address: DAVID WILLIAMS - KIMBERLY HUNT
   b) Name and address of fee simple titleholder (if other than owner) 768 SW BLUFF DR. FT. WHITE, FL. 32038
   c) Interest in property FEE SIMPLE
4. Contractor Information
   a) Name and address: GARY W. THOMPSON 3554 256 ST. O'BRIEN, FL 32071
   b) Telephone No.: (386) 935-2118
5. Surety Information (if applicable, a copy of the payment bond is attached):
   a) Name and address:
   b) Amount of Bond: N/A
   c) Telephone No.:
6. Lender
   a) Name and address: N/A
   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:
   b) Telephone No.: N/A
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: OF
   b) Telephone No.: N/A
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. Gary W. Thompson
Signature of Owner or Lessee, or Owner's or Lessee's Authorized Office/Director/Partner/Manager

GARY W. THOMPSON. CONTRACTOR/MANAGER
Printed Name and Signatory's Title/Office

The foregoing instrument was acknowledged before me, a Florida Notary, this 23 day of September, 2015, by:

Melissa Prevatt as Notary for Gary W. Thompson.
(Name of Person) (Type of Authority) (name of party on behalf of whom instrument was executed)

Personally Known ✓ OR Produced Identification ___ Type ___

Notary Signature Melissa Prevatt Notary Stamp or Seal:

MELISSA PREVATT
MY COMMISSION # FF 120897
EXPIRES: May 12, 2018
Bonded Thru Notary Public Underwriters

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

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

DATE REQUESTED: 8/31/2015 **DATE ISSUED:** 9/8/2015

ENHANCED 9-1-1 ADDRESS:

424 SW BLUFF DR

FORT WHITE FL 32038

PROPERTY APPRAISER PARCEL NUMBER:

18-7S-16-04236-009

Remarks:

ADDRESS FOR PROPOSED STRUCTURE ON PARCEL.

Address Issued By: SIGNED:/ RONAL N. CROFT

Columbia County 9-1-1 Addressing / GIS Department

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

3316

Date: Thursday, August 20, 2015 8:46 PM
From: lozlyn14@windstream.net
To: thompsonconst@windstream.net
Cc: lozlyn14@windstream.net
Subject: David Williams County letter

LYNCH DRILLING CORP
P O BOX 934
BRANFORD, FL 32008
13869351076
DATE: 08-20-2015

REF; DAVID D. WILLIAMS, LOT 24, UNIT 1, CEDAR SPRING SHORES UNIT 1,
PARCEL #18-7S11604236009
WE WILL CONSTRUCT A 4" WATER WELL COMPLETE WITH 4" WATER WELL STEEL CASING, 1 HP SUBMERSIBLE PUMP (20GPM) WITH 1 1/4" DROP PIPE, AND AN 85 GALLON CAPTIVE AIR TANK (21.9 GALLON DRAW DOWN).

WELL WILL BE COMPLETE AT THE WELL SITE. WE DO NOT INCLUDE ELECTRICAL NOR PLUMBING CONNECTIONS FROM THE WELL TO THE HOME AND/OR POWER POLE.

ANY VARIATIONS OF THE ABOVE ARE SUBJECT TO APPROVAL FROM THE CUSTOMER AND/OR THE CONTRACTOR, PRIOR TO COMMENCEMENT OF THE INDIVIDUAL JOB.

THANK YOU,

PAT LYNCH

WE ARE NOT RESPONSIBLE FOR THE QUALITY OF WATER.

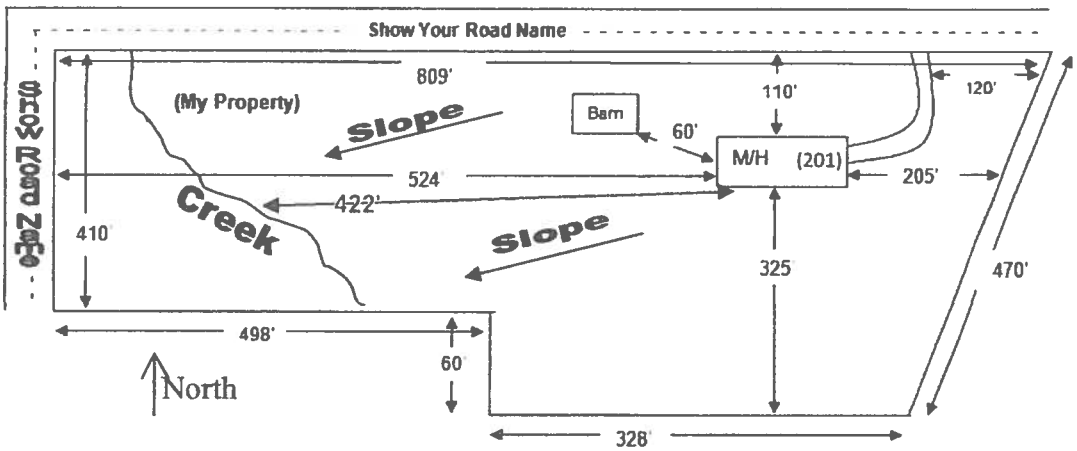
```
LOT 24 CEDAR SPRING SHORES         WILLIAMS DAVID D & KIMBERLEY A 18-7S-16-04236-009            Columbia County  2015 R
UNIT 1. ORB 368-332, 778-2242      HC 71 BOX 255-5                                                            CARD 001 of 001
WD 1298-024                        AVA, MO 65608                               PRINTED  8/12/2015 14:38            BY  JEFF
                                                                               APPR     3/16/2009 DFRP
BUSE                         AE?             HTD AREA       .000 INDEX    18716.01 CEDAR SPR        PUSE  000000 VACANT
MOD                BATH                      EFF AREA     48.064 E-RATE       .000 INDX    STR  18- 7S- 16
EXW                FIXT                      RCN                                   AYB     MKT AREA 02                    0 BLDG
  %                BDRM                      %GOOD                BLDG VAL         EYB     (PUD1                          0 XFOB
RSTR               RMS                                                                     AC        1.070           75,000 LAND
RCVR               UNTS              FIELD CK:                                             NTCD                           0 CLAS
  %                C-W%              LOC:   LOT 24 UNIT 1                                  APPR CD                        0 MKTUSE
INTW               HGHT                                                                    CNDO                      75,000 JUST
  %                PMTR                                                                    SUBD                      75,000 APPR
FLOR               STYS                                                                    BLK
  %                ECON                                                                    LOT                            0 SOHD
HTTP               FUNC                                                                    MAP# 33-B                      0 ASSD
A/C                SPCD                                                                                                   0 EXPT
QUAL               DEPR                                                                    TXDT     003                   0 COTXBL
FNDN               UD-1
SIZE               UD-2                                                              -------------- BLDG TRAVERSE ------------
CEIL               UD-3
ARCH               UD-4
FRME               UD-5
KTCH               UD-6
WNDO               UD-7
CLAS               UD-8
OCC                UD-9
COND                  %                                                              ----------------- PERMITS ----------------
SUB   A-AREA  %  E-AREA   SUB VALUE                                                   NUMBER     DESC          AMT    ISSUED

                                                                                     ------------------ SALE ------------------
                                                                                     BOOK   PAGE     DATE                PRICE
                                                                                      1298     24  7/15/2015 Q V        105000
                                                                                     GRANTOR ERNEST LYONS
                                                                                     GRANTEE DAVID D & KIMBERLEY A WILLIAMS
                                                                                        778   2242  8/08/1993 U V         28000
                                                                                     GRANTOR KARL WIELAND
TOTAL                                                                                GRANTEE ERNEST LYONS
-------EXTRA FEATURES----------------------------- FIELD CK: ---------------------------------------------------------------
AE BN  CODE      DESC       LEN   WID HGHT QTY QL   YR  ADJ       UNITS UT      PRICE   ADJ UT PR   SPCD %    %GOOD  XFOB VALUE

---------------------------------------------------------------------------------------------------------------------------
    LAND   DESC       ZONE  ROAD {UD1 {UD3 FRONT DEPTH  FIELD CK:
AE  CODE              TOPO  UTIL {UD2 {UD4  BACK   DT     ADJUSTMENTS            UNITS UT      PRICE   ADJ UT PR    LAND VALUE
Y 000020 VAC/WATER   A-1    0002                       1.00 1.00 1.00 1.00    100.000  FF    750.000      750.00        75,000
                       0002 0003
```

SITE PLAN CHECKLIST

✓ 1) Property Dimensions
✓ 2) Footprint of proposed and existing structures (including decks), label these with existing addresses
✓ 3) Distance from structures to all property lines
N/A 4) Location and size of easements
✓ 5) Driveway path and distance at the entrance to the nearest property line
✓ 6) Location and distance from any waters; sink holes; wetlands; and etc.
✓ 7) Show slopes and or drainage paths
✓ 8) Arrow showing North direction

SITE PLAN EXAMPLE

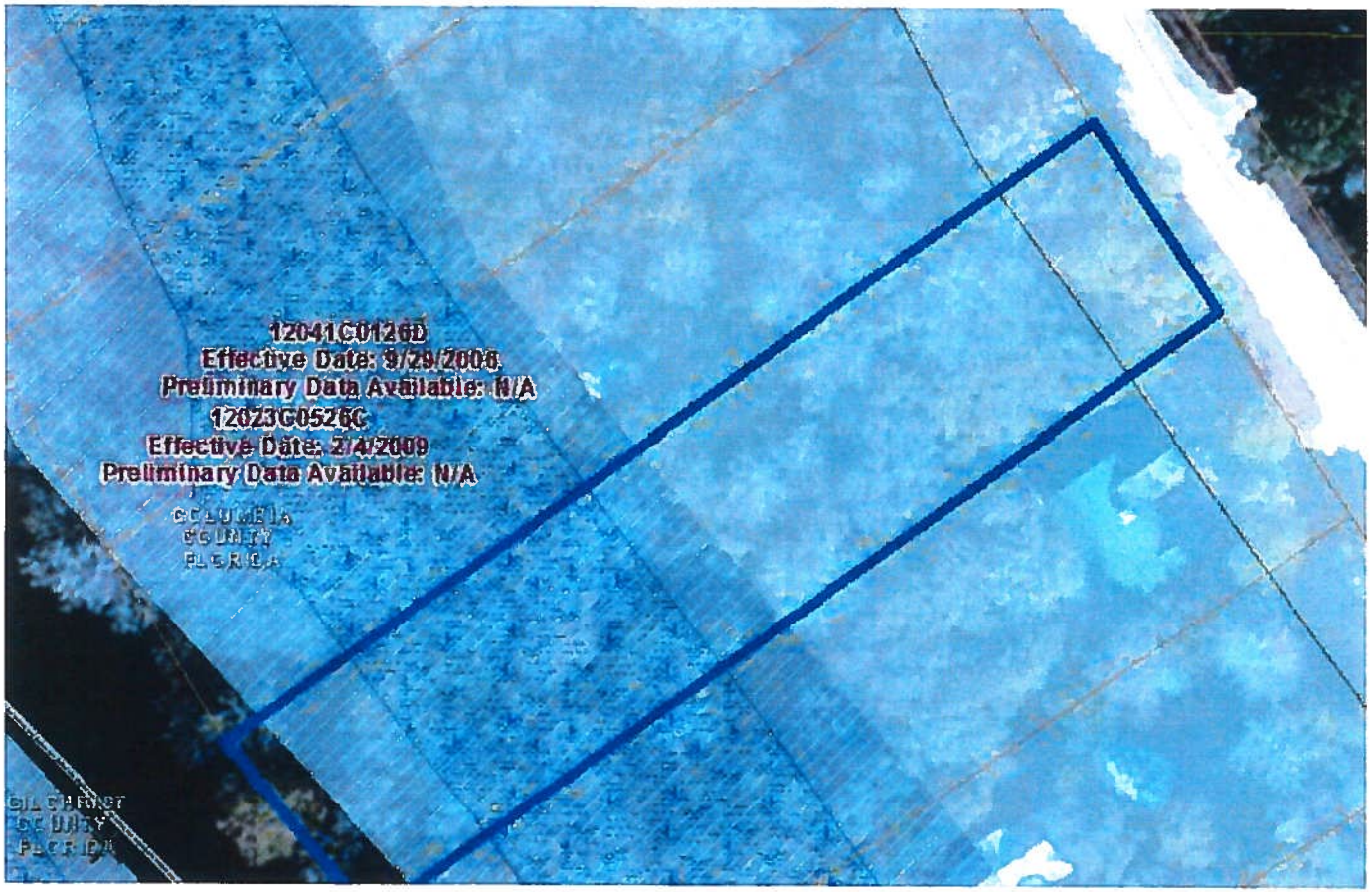
Revised 7/1/15



NOTE:
This site plan can be copied and used with the 911 Addressing Dept. application forms.

SEE ATTACHED

Suwannee River Water Management District
Effective Flood Information Report



Effective Flood Zones described on Page 2

- SFHA - AE w/Floodway
- SFHA - Zones AE, AH, AO
- SFHA - Zone VE
- SFHA - Zone A
- 0.2 % (shaded X)
- Wetlands
- FIRM Panel
- State Lands
- Counties
- SRWMD
- Parcels
- Depressions
- BFE
- Cross Sections

LOCATION

Date: 08-24-2015

Parcel: 18-7S-16-04236-009

County: Columbia

STR: S018 T07 R16

Columbia Flood Hazard Areas Status: Effective: 02/04/2009

FLOOD INFORMATION

FIRM Panel(s): 12023C0526C,12041C0126D

Parcel In Special Flood Hazard Area? (SFHA): Yes

Flood Zone(s): AE FW, X 0.2 PCT

1% Annual Chance Flood Elev (BFE): 35.3 (feet)

Floodway: Yes

10% Annual Chance Flood Elev: 29.3 (feet)

50% Annual Chance Flood Elev: 25.2 (feet)

Note: Elevations are based on NAVD88

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

Requests to revise flood information in or near designated flood hazard areas may be provided to FEMA during the community review period on preliminary maps, or through the Letter of Map Change process for effective maps.

Base Flood Elevation (BFE)

The elevation shown on the Flood Insurance Rate Map for Zones AE, AH, A1-A30, AR, AO, V1-V30, and VE that indicates the water surface elevation resulting from a flood that has a one percent chance of equaling or exceeding that level in any given year.

A

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

AE, A1-A30

Areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage. In most instances, base flood elevations derived from detailed analyses are shown at selected intervals within these zones.

AH

Areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage. Usually areas of ponding with flood depths of 1 to 3 feet. Base Flood Elevations are determined.

AO

Areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage. Usually areas of sheet flow on sloping terrain with flood depths of 1 to 3 feet. Base Flood Elevations are determined.

Supplemental Information:

10%-chance flood elevations (10-year flood-risk elevations) and 50%-chance flood elevations (2-year flood-risk elevations), are calculated during detailed flooding studies but are not shown on FEMA Digital Flood Insurance Rate Maps (FIRMs). They have been provided as supplemental information in the Flood Information section of this report.

AE FW (FLOODWAYS)

The channel of a river or other watercourse and the adjacent land areas that must be reserved in order to discharge the base flood (1% annual chance flood event). The floodway must be kept open so that flood water can proceed downstream and not be obstructed or diverted onto other properties.

Please note, if you develop within the regulatory floodway, you will need to contact your Local Government and the Suwannee River Water Management District prior to commencing with the activity. Please contact the District at 800.226.1066.

VE

Areas with a 1% annual chance of flooding over the life of a 30-year mortgage with additional hazards due to storm-induced velocity wave action. Base Flood Elevations (BFEs) derived from detailed analyses.

X 0.2 PCT (X Shaded, 0.2 PCT ANNUAL CHANCE FLOOD HAZARD)

Same as Zone X; however, detailed studies have been performed, and the area has been determined to be within the 0.2 percent annual chance floodplain (also known as the 500-year flood zone). Insurance purchase is not required in this zone but is available at a reduced rate and is recommended.

X

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

LINKS

FEMA:

http://www.fema.gov

SRWMD:

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

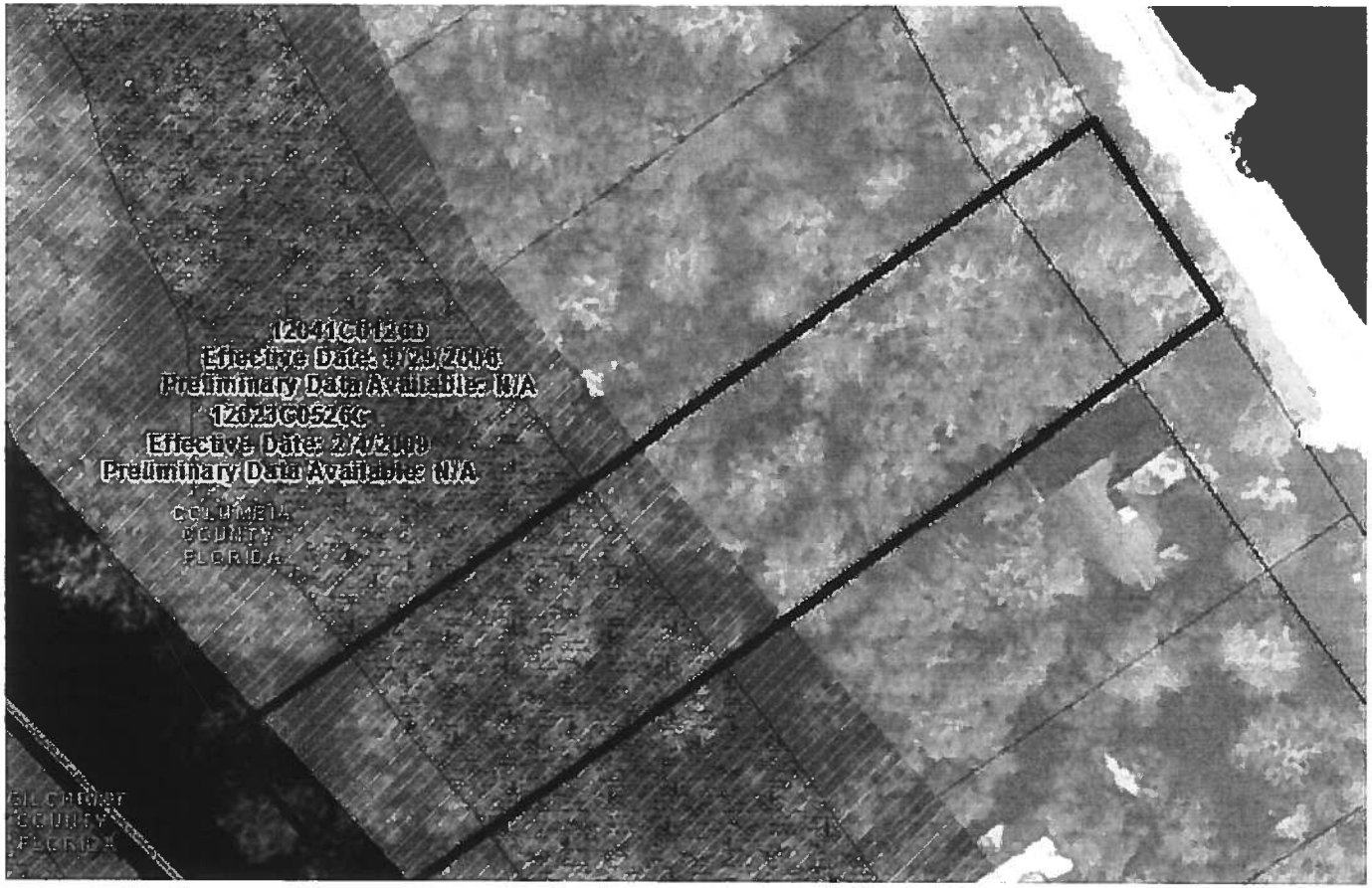
CONTACT

SRWMD
9225 County Road 49
Live Oak, FL 32060

(386) 362-1001

Toll Free:
(800) 226-1066

Suwannee River Water Management District
Effective Flood Information Report



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Jamie
Bell
S. R. W. M. D

Gary 386-362-1001
Thompson
Job

Columbia County Building Department
Culvert Waiver

Culvert Waiver No. 000002226

DATE: 09/23/2015 BUILDING PERMIT NO. 333394

APPLICANT GARY THOMPSON PHONE 386-935-2118

ADDRESS 3554 256 STREET O'BRIEN FL 32071

OWNER DAVID & KIMBERLY HUNT PHONE 497-4556

ADDRESS 424 SW BLUFF DR FORT WHITE FL 32038

CONTRACTOR GARY THOMPSON PHONE 386-935-2118

LOCATION OF PROPERTY 47 S. R HOLLINGSWORTH RD. SLIGHT RIGHT ONTO BLUFF DR.

GO 1/8 MILE ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT CEDAR SPRING SHORES 24 1

PARCEL ID # 18-7S-16-04236-009

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: X Gary Thompson

A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE CULVERT WAIVER IS:

✓ APPROVED _____ NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: _____

SIGNED: [signature] DATE: 9/29/2015

ENTERED

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955

Notice of Prevention for Subterranean Termites

(As required by Florida Building Code (FBC) 104.2.6)

Live Oak PEST CONTROL, INC.

A locally owned company serving you since 1972

17856 U.S. 129 • McALPIN, FLORIDA 32062

(386) 362-3887 • 1-800-771-3887 • Fax: (386) 364-3529

Address of Treatment or Lot/Block of Treatment

Date

Time

Applicator

Product Used

Chemical used *(active ingredient)*

Number of gallons applied

Percent Concentration

Area treated *(square feet)*

Linear feet treated

Stage of treatment *(Horizontal, Vertical, Adjoining Slab, retreat of disturbed area)*

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

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

RESIDENTIAL CHECK LIST

MINIMUM PLAN REQUIREMENTS: FLORIDA BUILDING CODE RESIDENTIAL 2014 EFFECTIVE 1 JULY 2015
AND THE NATIONAL ELECTRICAL 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 7/1/15

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
		Yes	No	N/A
1	Two (2) complete sets of plans containing the following:	O		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void	O		
3	**Condition space (Sq. Ft.)** 1840 **Total (Sq. Ft.) under roof** 2880	IIIIIIII	IIIIIIII	IIIII

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

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 Circled as Applicable		
8	**Plans or specifications must show compliance with FBCR Chapter 3**	IIIIII	IIIII	IIIIII
		YES	NO	N/A
9	Basic wind speed (3-second gust), miles per hour			
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	O		
11	Wind importance factor and nature of occupancy	O		
12	The applicable internal pressure coefficient, Components and Cladding	O		
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.	O		

Elevations Drawing including:

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

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	O		
21	Raised floor surfaces located more than 30 inches above the floor or grade	O		
22	All exterior and interior shear walls indicated	O		
23	Shear wall opening shown (Windows, Doors and Garage doors)	O		
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.	O		
25	Safety glazing of glass where needed			✓
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 and chapter 24 of FBCR)	O		
27	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails			✓
28	Identify accessibility of bathroom (see FBCR SECTION 320)	O		

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

FBCR 403: Foundation Plans

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	O		
30	All posts and/or column footing including size and reinforcing	O		
31	Any special support required by soil analysis such as piling.	O		
32	Assumed load-bearing valve of soil 1500 Pound Per Square Foot	O		
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	O		

FBCR 506: CONCRETE SLAB ON GRADE

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

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**	O		

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	O		
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement	O		

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

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	O		
53	Fastener schedule for structural members per table IRC 602.3 are to be shown	O		
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	O		
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	O		
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBCB 2308.9.5	O		
57	Indicate where pressure treated wood will be placed	O		
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	O		
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	O		

FBCR :ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.1.7.1 Wood trusses	O		
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer	O		
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	O		
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	O		
64	Provide dead load rating of trusses	O		

FBCR 802:Conventional Roof Framing Layout

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

FBCR 803 ROOF SHEATHING

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

ROOF ASSEMBLIES FRC Chapter 9

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

FBCR Energy Conservation R.401

Residential construction shall comply with this code by using the following compliance methods in the Residential buildings compliance methods. **Two of the required forms are to be submitted**, *R 402-2014 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form R 402-2014, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.*

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

HVAC information

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

Plumbing Fixture layout shown

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

Private Potable Water

82	Pump motor horse power	O		
83	Reservoir pressure tank gallon capacity 85	O		
84	Rating of cycle stop valve if used N/A BLADDER TANK	O		

Electrical layout shown including

85	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	O		
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**	O		
87	Show the location of smoke detectors & Carbon monoxide detectors	O		
88	Show service panel, sub-panel, location(s) and total ampere ratings	O		
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type. **For structures** with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an Grounding electrode system. Per the National Electrical Code article 250.52.3	O		
90	Appliances and HVAC equipment and disconnects	O		
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. NEC 210.12A	O		

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

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	**Building Permit Application** A current Building Permit Application 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.	O		
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. www.columbiacountyfla.com	O		
94	**Environmental Health Permit or Sewer Tap Approval** A copy of a approved Columbia County Environmental Health (386) 758-1058	O		
95	**City of Lake City** A City Water and/or Sewer letter. Call 386-752-2031			O
96	**Toilet facilities shall be provided for all construction sites**	O		
97	**Town of Fort White** (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White, an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			O
98	**Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations			N/A
99	**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.	O		
100	A Flood development permit is also required for AE, Floodway & AH. Development permit cost is **$50.00**			
101	**Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (**$25.00**) must be made. 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.	O		
102	**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.	O		

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.

Section 105 of the Florida Building Code defines the:

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

Single-family residential dwelling.
Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 working days of application therefor unless unusual circumstances require a longer time for processing the application or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws or ordinances.

Permit intent.
Section 105.4.1: A permit issued shall be constructed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within six months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of six months after the time the work is commenced.

If work has commenced.
Section 105.4.1.1: If work has commenced and the permit is revoked, becomes null and void, or expires because of lack of progress or abandonment, a new permit covering the proposed construction shall be obtained before proceeding with the work.

New Permit.
Section 105.4.1.2: If a new permit is not obtained within 180 days from the date the initial permit became null and void, the building official is authorized to require that any work which has been commenced or completed be removed from the building site. Alternately, a new permit may be issued on application, providing the work in place and required to complete the structure meets all applicable regulations in effect at the time the initial permit became null and void and any regulations which may have become effective between the date of expiration and the date if issuance of the new permit.

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

The Fee:
Section 105.4.1.4: The fee for renewal reissuance and extension of a permit shall be set forth by the administrative authority.

Notification:
When the application is approved for permitting the applicant will be notified by phone as to the status by the Columbia County Building & Zoning Department.

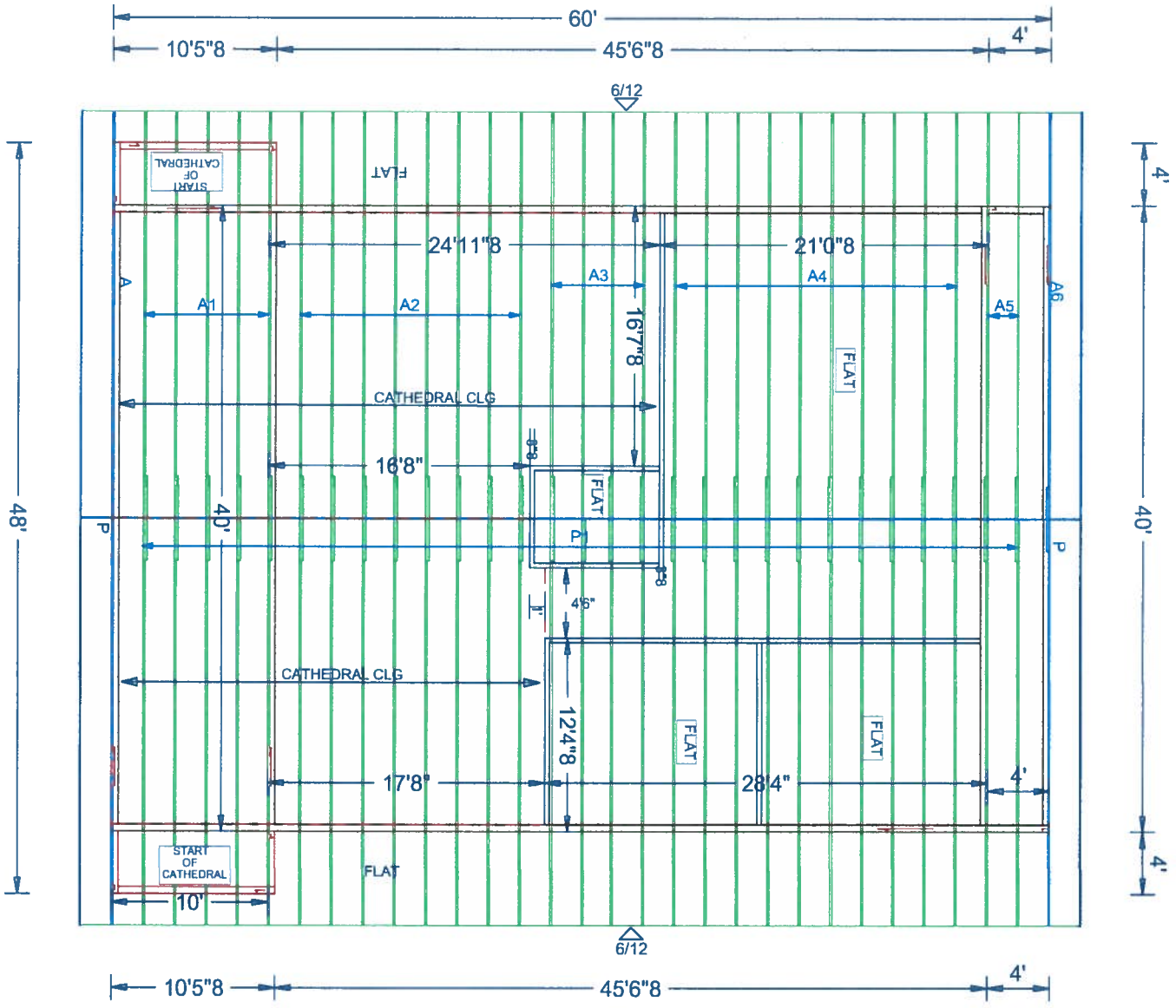
As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING	MASONITE	FIBERGLASS UNIT	4334.1
B. SLIDING	YKK	VINYL SLIDING DOOR	
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	YKK	STYLE VIEW	8114.1
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	KATCAN	D-5 LAP SIDING (VINYL)	12192.6
B. SOFFITS	"	VENTED & SOLID SOFFIT	12198.1
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	TAMKO	30 yr HERITAGE ARCHITECTURAL	1956.3
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	SIMPSON	TRUSS TIE	10456.7
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR			
ENVELOPE PRODUCTS			

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) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.
Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

Contractor OR Agent Signature Aug 29th 2015 Date

NOTES: _____



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

ROOF PITCH: 6/12
CLG PITCH: 3/12
OVERHANG: 2'6" CANT.
LOADING: 40
WIND LOAD: 130
EXPOSURE: C
EXT WALLS: 2X6X8
DATE: 8/19/15

IMPORTANT DESIGN NOTES:

-PLEASE TAKE NOTE OF THE LOCATION OF THE CATHEDRAL CLG. IF THERE ARE ANY DIMENSION ERRORS OR DESIGN PREFERENCES, PLEASE NOTIFY TRUSS PREFAB.

-FOR SAFE HANDLING AND INSTALLATION ALL TRUSSES WITH 50'+ SPAN HAVE A 2X6 TOP CHORD.

-BRG FOR 10' PORCH ADJUSTED PER CONTRACTOR.

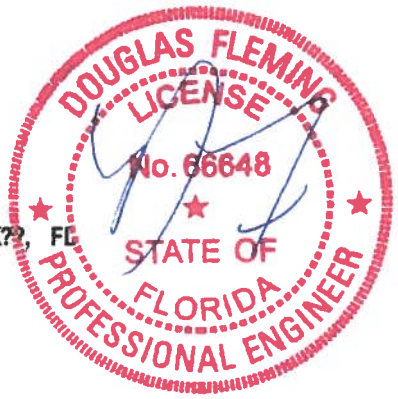
-8" BEAM POCKET ON A-1, A-4 & A-6 FOR 11-7/8" LVL

COLUMBIA COUNTY BUILDING DEPT.
Received for FILE COPY
Code Compliance
PLANS EXAMINER

PAGE NO:	JOB NO:			
1 OF 1	15-0324	Job Name: HUNT/WILLIAMS RESIDENCE Customer: GARY THOMPSON Designer: JASON TAYLOR ADDRESS: SALESMAN: HOUSE : <Not Found>	JOB #: 15-0324	WB HOWLAND

Alpine, an ITW Company

2400 Lake Orange Drive suite 150 Orlando FL 32837
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
 Document ID:1VJC215-Z0124114328



08/24/2015

Truss Fabricator:	W B. Howland
Job Identification:	15-0324-/HUNT/WILLIAMS RESIDENCE /GARY THOMPSON -- LIVE OAK??, FL
Truss Count:	9
Model Code:	Florida Building Code 5th Edition (2014)
Truss Criteria:	TPI-2007(STD)
Engineering Software:	Alpine Software, Version 15.01.
Structural Engineer of Record:	The identity of the structural EOR did not exist as of
Address:	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads:	Roof - 40.0 PSF @1.25 Duration
	Floor - N/A
	Wind - 130 MPH ASCE 7-10 - Closed

Notes:

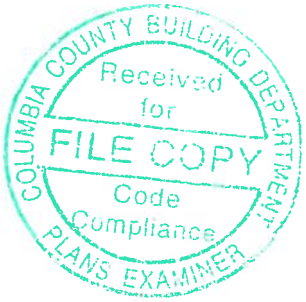
1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown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

Details: 14015EC1-GBLLETIN-BRCLBSUB-PB16010-

#	Ref Description	Drawing#	Date
1	81514--A	15236010	08/24/15
2	81515--A1	15236002	08/24/15
3	81516--A2	15236003	08/24/15
4	81517--A3	15236004	08/24/15
5	81518--A4	15236005	08/24/15
6	81519--A5	15236006	08/24/15
7	81520--A6	15236007	08/24/15
8	81521--P	15236008	08/24/15
9	81522--P1	15236009	08/24/15

Douglas Fleming
-Truss Design Engineer-

2400 Lake Orange Dr, Suite 150
Orlando FL, 32837



Top chord 2x6 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

Left and right cantilevers are exposed to wind

Truss designed to support 8" maximum gable end overhang.

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

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

The overall height of this truss excluding overhang is 12-0-0.

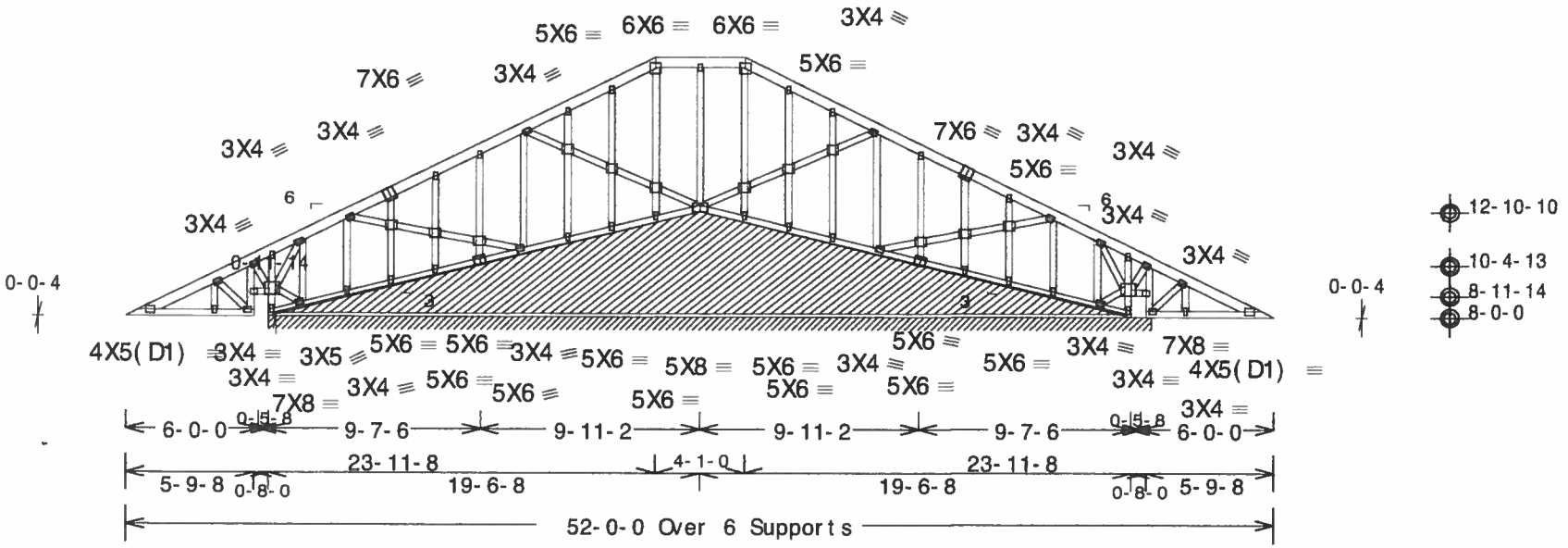
130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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

See DWGS A14015ENC101014 & GBLLETIN1014 for gable wind bracing requirements.

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.



R=110 PLF U=18 PLF W=40-0-0
RL=8/-8 PLF

Note: All Plates Are 2X4 Except As Shown.

Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 15.01.01.0402.20 QTY: 1 FL/-/1/-/-/R/- Scale =.125"/Ft.

ALPINE
AN ITW COMPANY
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0278

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.

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.alpinoitw.com TPI: www.tpinst.org; WTCA: www.sbcindustry.com ICC: www.iccsafe.org

DOUGLAS FLEMING LICENSE No. 66848 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R215--81514
TC DL	10.0 PSF	DATE	08/24/15
BC DL	10.0 PSF	DRW	HCUSR215 15236010
BC LL	0.0 PSF	HC-ENG	KD/DF
TOT. LD.	40.0 PSF	SEQN-	460945
DUR. FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VJC215_Z01

(15-0324-/HUNT/WILLIAMS RESIDENCE /GARY THOMPSON -- LIVE OAK??, FL - A1)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

Left and right cantilevers are exposed to wind

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

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

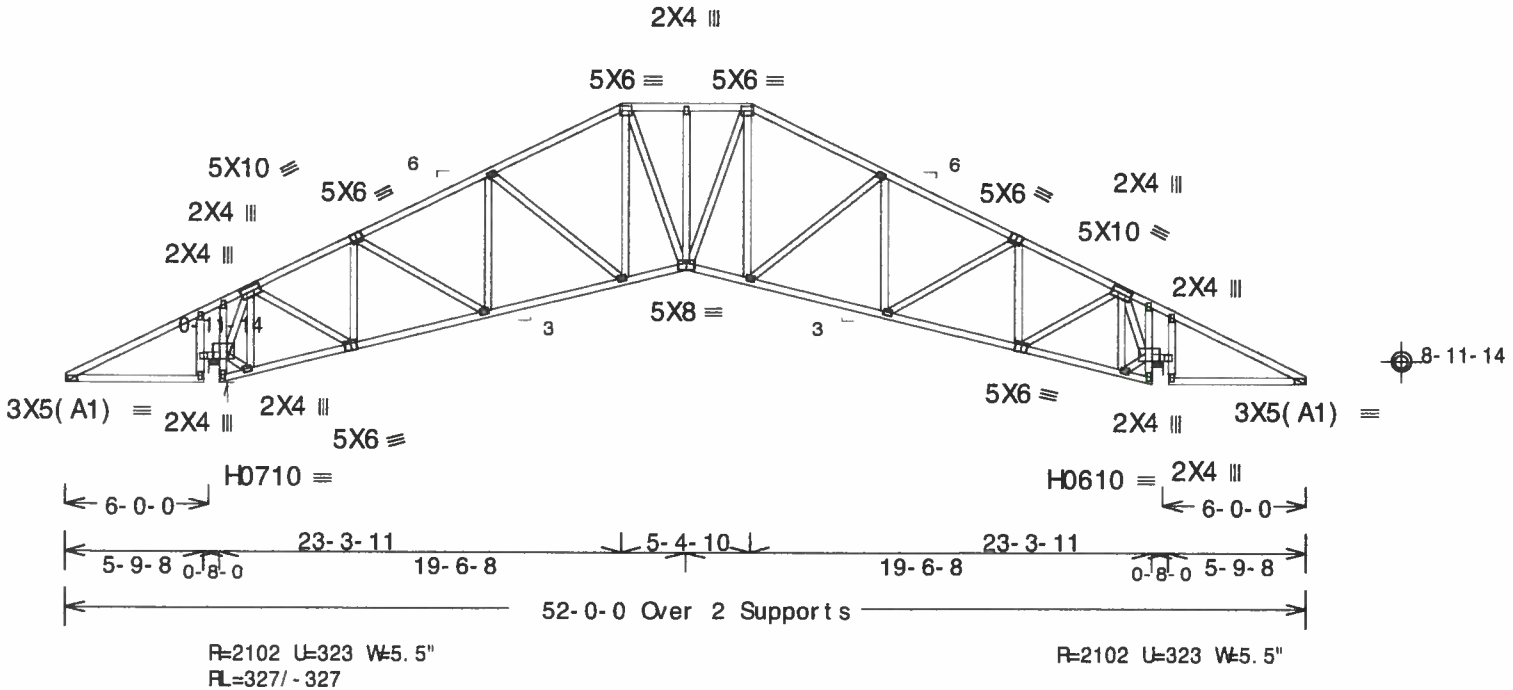
The overall height of this truss excluding overhang is 12-0-0.

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=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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

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.



R=2102 U=323 W=5.5"
RL=327/-327

R=2102 U=323 W=5.5"

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. 20 Gauge HS, Wave | FT/RT=20%(0%)/10(0) | 15.01.01.0402.20 | QTY: 5 | FL/-/1/-/-/R/- | Scale =.125"/Ft.

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FL COA #0278

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DOUGLAS FLEMING LICENSE No. 66848 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R215--81515
TC DL	10.0 PSF	DATE	08/24/15
BC DL	10.0 PSF	DRW	HCUSR215 15236002
BC LL	0.0 PSF	HC-ENG	KD/DF
TOT. LD.	40.0 PSF	SEQN-	461300
DUR. FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VJC215_Z01

Top chord 2x6 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

Left and right cantilevers are exposed to wind

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

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

The overall height of this truss excluding overhang is 12-0-0.

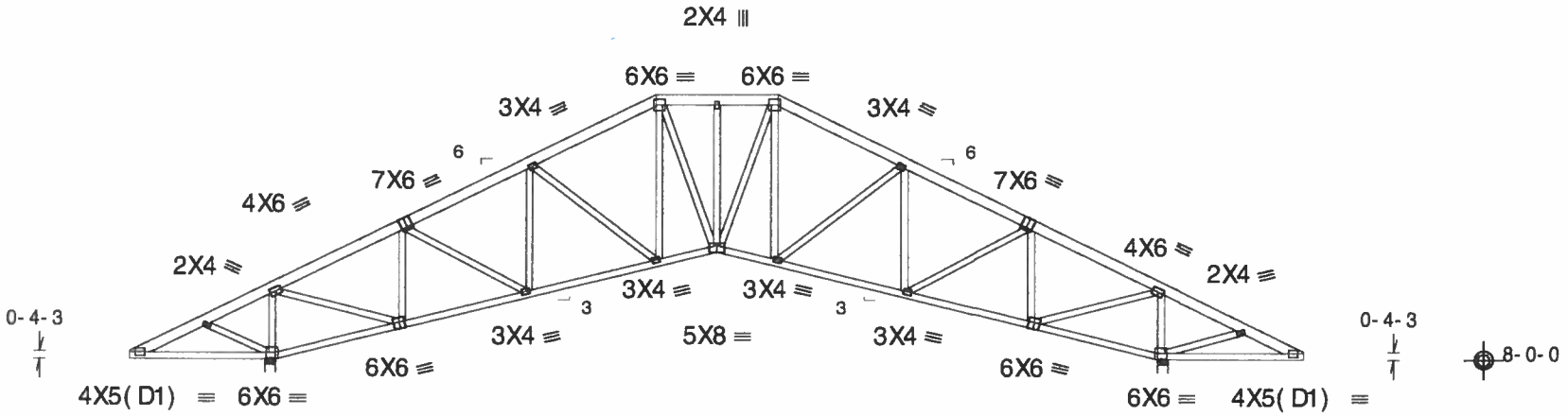
130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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

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.

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



R=2101 U=323 W=5.5"
RL=327/-327

R=2101 U=323 W=5.5"

Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 15.01.01.0402.20 QTY: 8 FL/-/1/-/-/R/- Scale =.125"/Ft.

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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, WTCA: www.sbcindustry.com ICC: www.iccsafe.org

DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R215--81516
TC DL	10.0 PSF	DATE	08/24/15
BC DL	10.0 PSF	DRW	HOUSR215 15236003
BC LL	0.0 PSF	HC-ENG	KD/DF
TOT. LD.	40.0 PSF	SEQN-	460933
DUR. FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VJC215_Z01

08/24/2015

Top chord 2x6 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

Left and right cantilevers are exposed to wind

Calculated horizontal deflection is 0.11" due to live load and 0.16" due to dead load.

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

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.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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

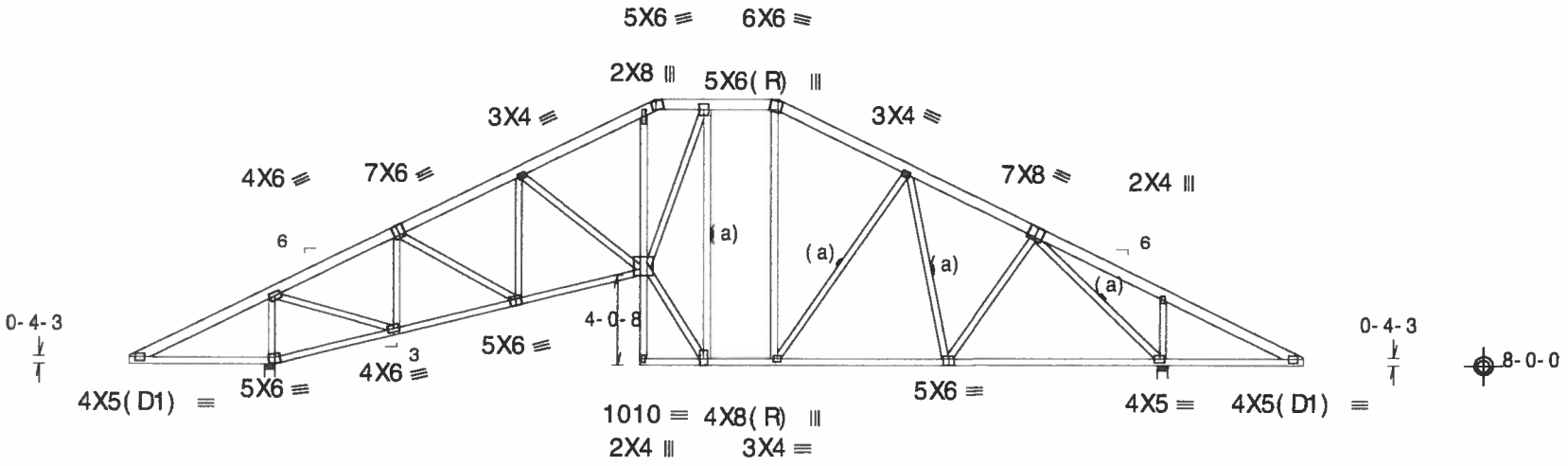
(a) Continuous lateral restraint equally spaced on member.

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

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

The overall height of this truss excluding overhang is 12-0-0.

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



Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 15.01.01.04UC-20 QTY: 4 FL/-/1/-/-/R/- Scale =.125"/Ft.

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2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R215--81517
TC DL	10.0 PSF	DATE	08/24/15
BC DL	10.0 PSF	DRW	HCUSR215 15236004
BC LL	0.0 PSF	HC-ENG	KD/DF
TOT. LD.	40.0 PSF	SEQN-	460951
DUR. FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VJC215_Z01

08/24/2015

Top chord 2x6 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

Left and right cantilevers are exposed to wind

(a) Continuous lateral restraint equally spaced on member.

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

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

The overall height of this truss excluding overhang is 12-0-0.

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=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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

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

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

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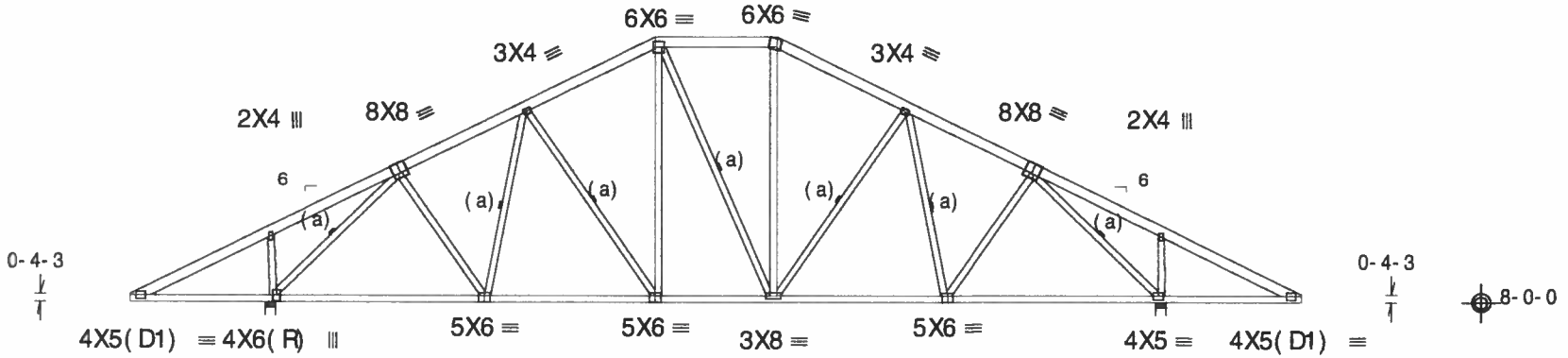

Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 15.01.0.0402.20 QTY: 10 FL/-/1/-/-/R/- Scale =.125"/Ft.

ALPINE AN ITW COMPANY

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Orlando, FL 32837
FL COA #0278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R215--81518
TC DL	10.0 PSF	DATE	08/24/15
BC DL	10.0 PSF	DRW	HCUSR215 15236005
BC LL	0.0 PSF	HC-ENG	KD/DF
TOT. LD.	40.0 PSF	SEQN-	460779
DUR. FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VJC215_Z01

08/24/2015

(15-0324-/HUNT/WILLIAMS RESIDENCE /GARY THOMPSON -- LIVE OAK??, FL - A5)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x6 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

Left and right cantilevers are exposed to wind

(a) Continuous lateral restraint equally spaced on member.

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

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

The overall height of this truss excluding overhang is 12-0-0.

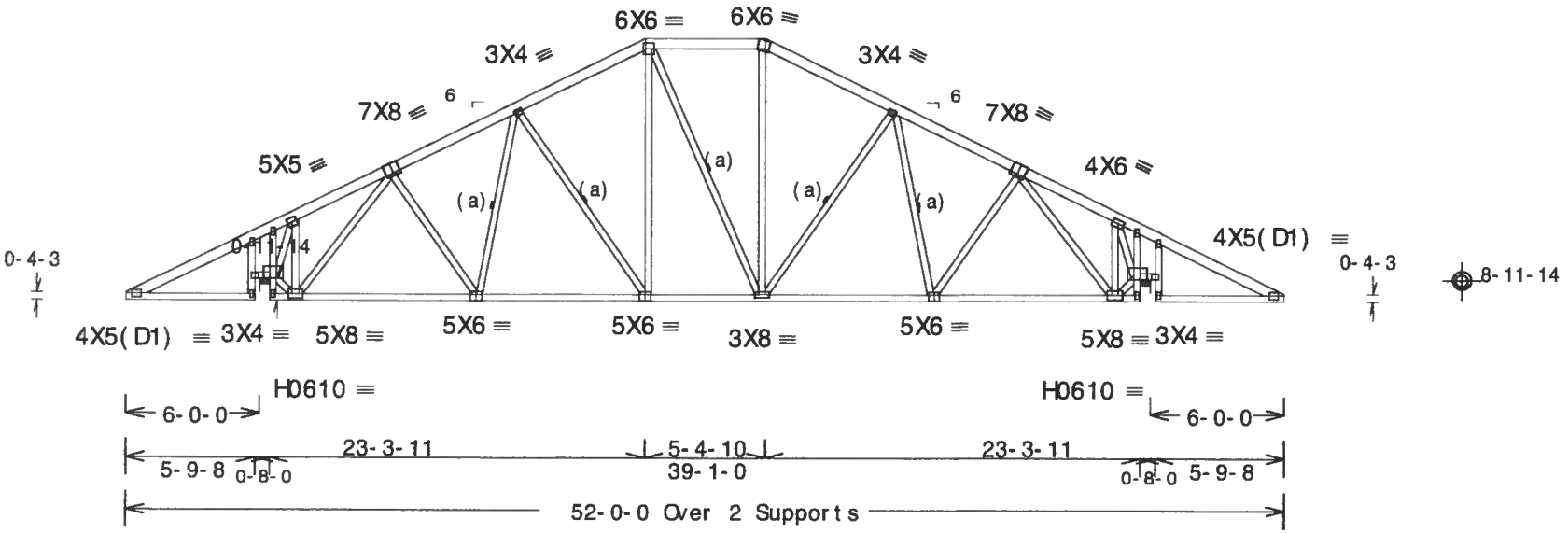
130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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

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

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.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. 20 Gauge HS, Wave | FT/RT=20%/0%/10(0) | 15.01.01 0408.20 | QTY: 2 | FL/-/1/-/-/R/- | Scale =.125"/Ft.

ALPINE
AN ITW COMPANY
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0278

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TC LL	20.0 PSF	REF	R215--81519
TC DL	10.0 PSF	DATE	08/24/15
BC DL	10.0 PSF	DRW	HOUSR215 15236006
BC LL	0.0 PSF	HC-ENG	KD/DF
TOT. LD.	40.0 PSF	SEQN-	461298
DUR. FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VJC215_Z01

08/24/2015

(15-0324-/HUNT/WILLIAMS RESIDENCE /GARY THOMPSON -- LIVE OAK??, FL - A6)

Top chord 2x6 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

Left and right cantilevers are exposed to wind

Truss designed to support 8" maximum gable end overhang.

(a) Continuous lateral restraint equally spaced on member.

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

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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=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

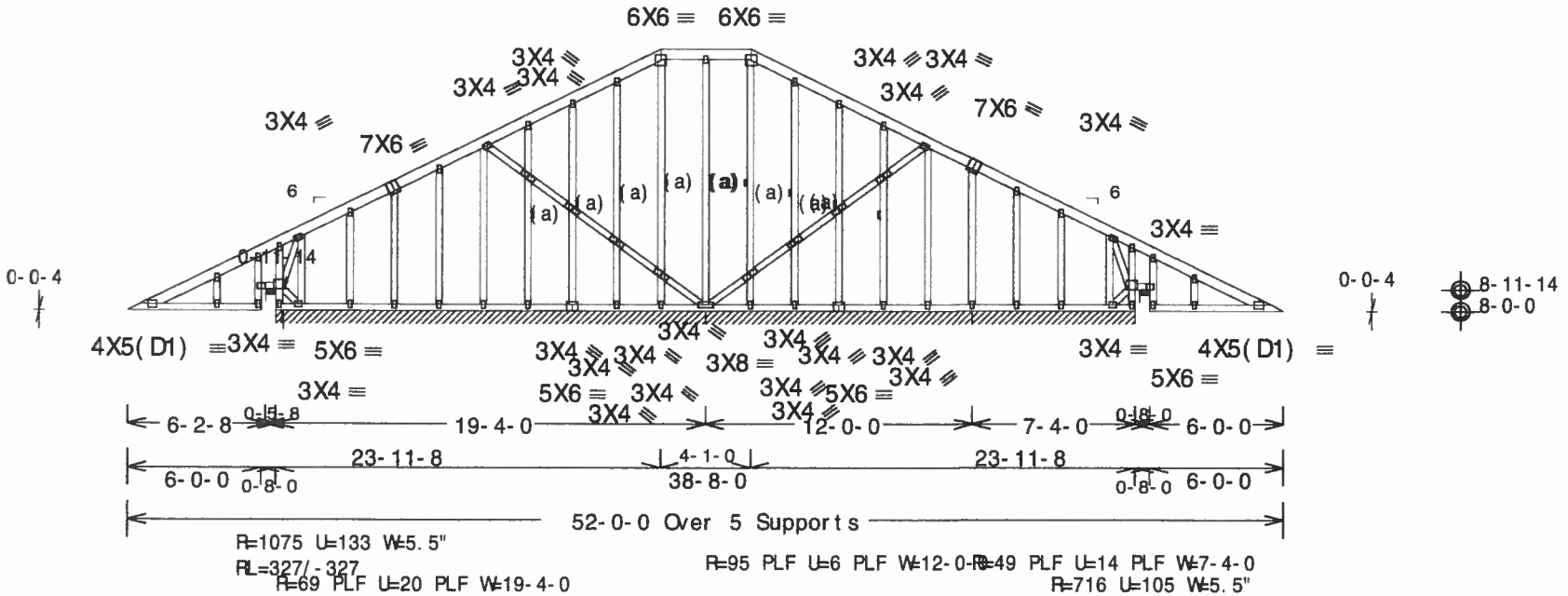
Wind loads and reactions based on MWFRS with additional C&C member design.

See DWGS A14015ENC101014 & GBLLETIN1014 for gable wind bracing requirements.

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

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

The overall height of this truss excluding overhang is 12-0-0.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=20%(0%)/10(0) | 15.01.01.0402.20 | QTY: 1 | FL/-/1/-/-/R/- | Scale =.125"/Ft.

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TC LL	20.0 PSF	REF	R215--81520
TC DL	10.0 PSF	DATE	08/24/15
BC DL	10.0 PSF	DRW	HCUSR215 15236007
BC LL	0.0 PSF	HC-ENG	KD/DF
TOT. LD.	40.0 PSF	SEQN-	461304
DUR. FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VJC215_Z01

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31

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

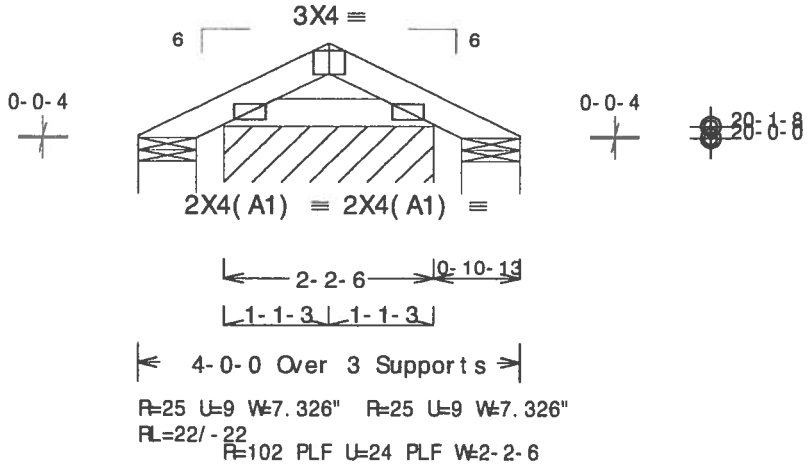
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Refer to drawing PB160101014 for piggyback detail. Top chord of supporting truss under piggyback to be braced @24" O.C., unless otherwise specified.

130 mph wind, 20.52 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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

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



Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 15.01.01.0402.20 QTY: 2 FL/-/1/-/-/R/- Scale =.5"/Ft.

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FL COA #0278

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TC LL	20.0 PSF	REF	R215--81521
TC DL	10.0 PSF	DATE	08/24/15
BC DL	10.0 PSF	DRW	HCUSR215 15236008
BC LL	0.0 PSF		HC-ENG KD/DF
TOT. LD.	40.0 PSF	SEQN-	460881
DUR. FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VJC215_Z01

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

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

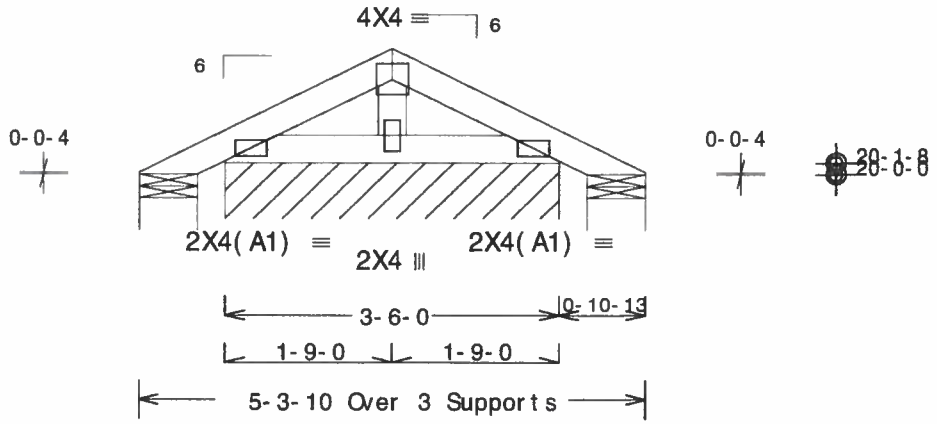
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Refer to drawing PB160101014 for piggyback detail. Top chord of supporting truss under piggyback to be braced @24" O.C., unless otherwise specified.

130 mph wind, 20.68 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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

The overall height of this truss excluding overhang is 1-4-3.



R=20 Rw=22 U=9 W=7.326" R=20 U=6 W=7.326"
RL=30/-30 R=97 PLF U=25 PLF W=3-6-0

Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 15.01.01.0402.20 QTY: 29 FL/-/1/-/-/R/- Scale =.5"/Ft.

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TC LL	20.0 PSF	REF	R215--81522
TC DL	10.0 PSF	DATE	08/24/15
BC DL	10.0 PSF	DRW	HCUSR215 15236009
BC LL	0.0 PSF	HC-ENG	KD/DF
TOT. LD.	40.0 PSF	SEQN-	460806
DUR. FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VJC215_Z01

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.

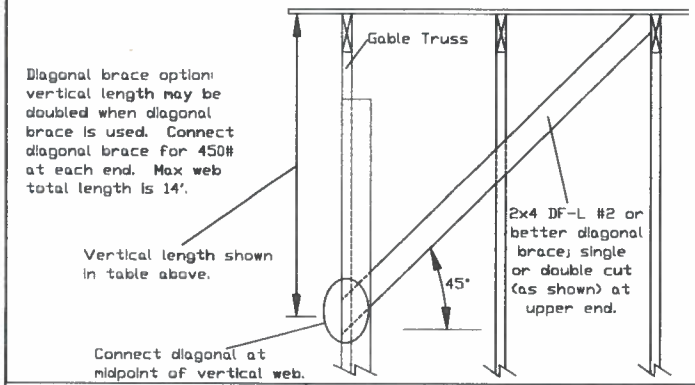
"L" bracing must be a minimum of 80% of web member length.

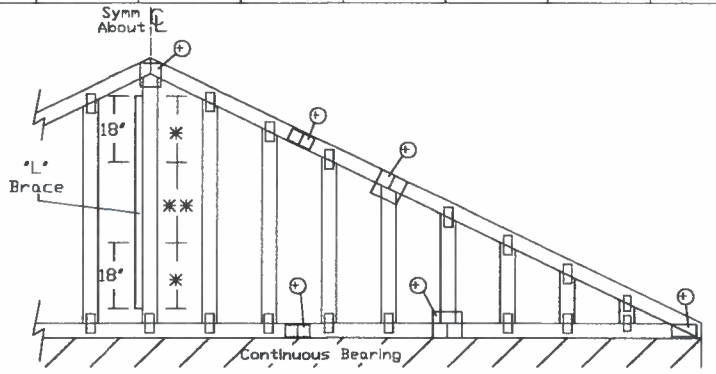
Gable Vertical Plate Sizes	
Vertical Length	No Splice
Less than 4' 0"	1X4 or 2X3
Greater than 4' 0"	3X4

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

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

Diagonal brace option: vertical length may be doubled when diagonal brace is used. Connect diagonal brace for 450# at each end. Max web total length is 14'.





Refer to chart above for max gable vertical length.

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Earth City, MO 63045

DOUGLAS FLEMING LICENSE No. 66848 STATE OF FLORIDA PROFESSIONAL ENGINEER
Aug 24 '15

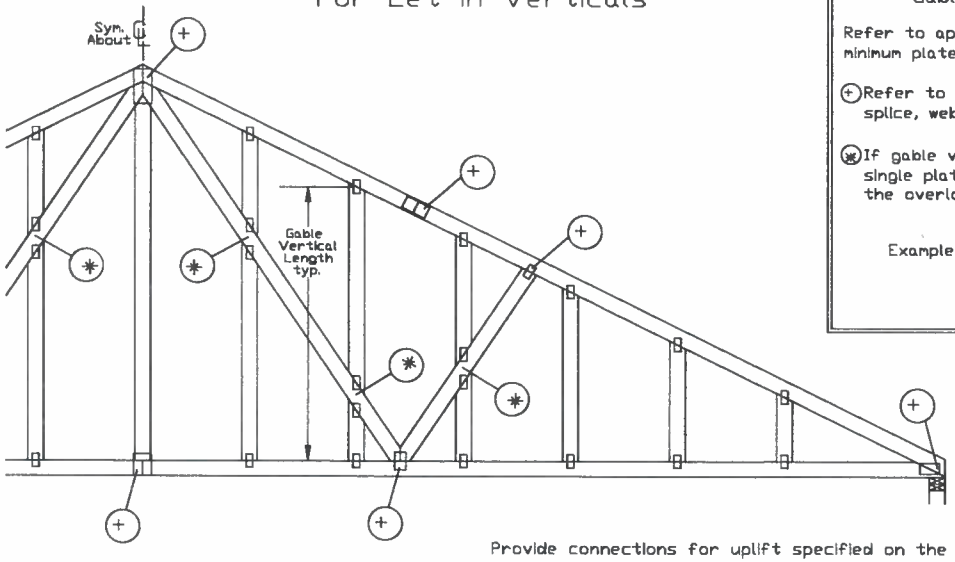
MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

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

08/24/2015

Gable Detail
For Let-in Verticals



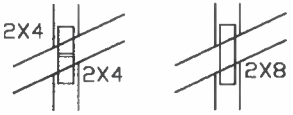
Gable Truss Plate Sizes

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

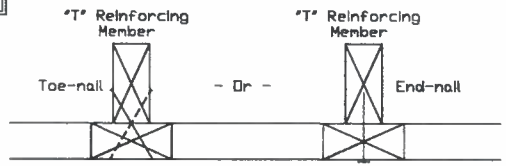
⊕ Refer to Engineered truss design for peak, splice, web, and heel plates.

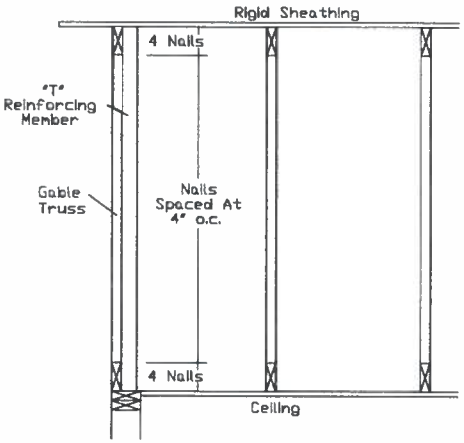
⊛ If gable vertical plates overlap, use a single plate that covers the total area of the overlapped plates to span the web.

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

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
13389 Lakefront Drive
Earth City, MO 63045

DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

Aug 24 '15

MAX. TOT. LD.	60 PSF
DUR. FAC.	ANY
MAX. SPACING	24.0"

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

08/24/2015

CLR Reinforcing Member Substitution

This detail is to be used when a Continuous Lateral Restraint (CLR) is specified on a truss design but an alternative web reinforcement method is desired.

Notes:

This detail is only applicable for changing the specified CLR shown on single ply sealed designs to T-reinforcement or L-reinforecement or scab reinforcement.

Alternative reinforcement specified in chart below may be conservative. For minimum alternative reinforcement, re-run design with appropriate reinforcement type.

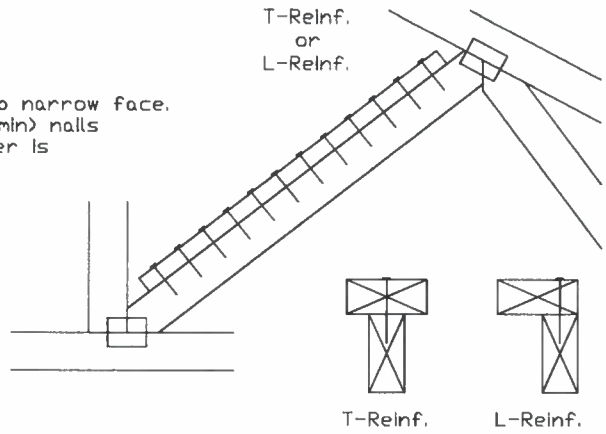
Web Member Size	Specified CLR Restraint	Alternative Reinforecement T- or L- Reinf.	Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x4(*)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6(*)

T-reinforcement, L-reinforcement, or scab reinforcement to be same species and grade or better than web member unless specified otherwise on Engineer's sealed design.

(*) Center scab on wide face of web. Apply (1) scab to each face of web.

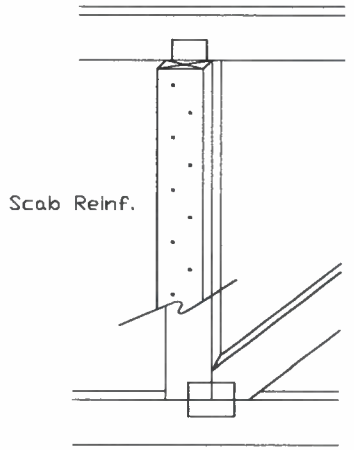
T-Reinforcement or L-Reinforcement:

Apply to either side of web narrow face. Attach with 10d (0.128"x3.0",min) nails at 6" o.c. Reinforcing member is a minimum 80% of web member length.



Scab Reinforcement:

Apply scab(s) to wide face of web. No more than (1) scab per face. Attach with 10d (0.128"x3.0",min) nails at 6" o.c. Reinforcing member is a minimum 80% of web member length.



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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.alpineltw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.org; ICC: www.iccsafe.org

DOUGLAS FLEMING LICENSE No. 66848 STATE OF FLORIDA PROFESSIONAL ENGINEER

Aug 24 '15

TC LL	PSF	REF CLR Subst.
TC DL	PSF	DATE 10/01/14
BC DL	PSF	DRWG BRCLBSUB1014
BC LL	PSF	
TOT. LD.	PSF	
DUR. FAC.		
SPACING		

08/24/2015

Piggyback Detail – ASCE 7-10: 160 mph, 30' Mean Height, Enclosed, Exposure C, Kzt=1.00

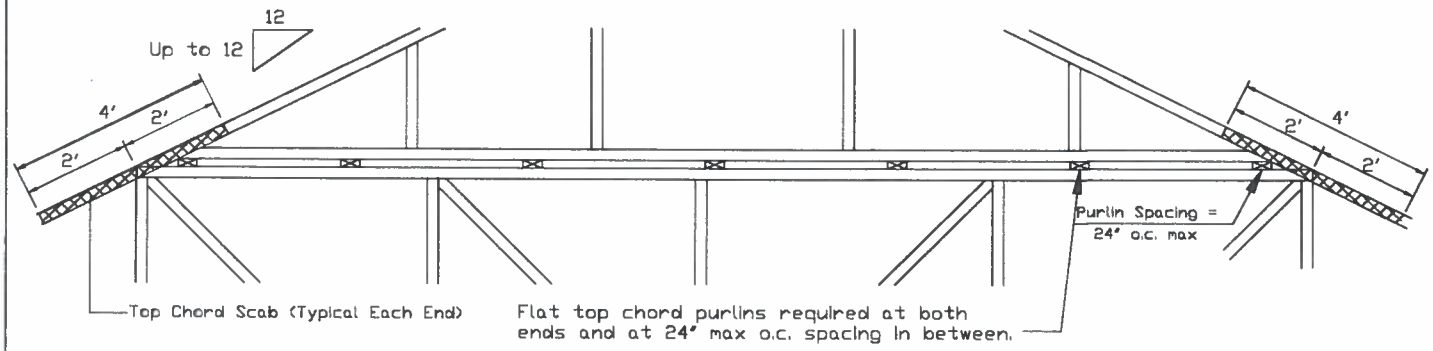
160 mph Wind, 30.00 ft Mean Hgt, ASCE 7-10, Enclosed Bldg. located anywhere in roof, Exp C, Wind DL= 5.0 psf (min), Kzt=1.0.
Or 140 mph wind, 30.00 ft Mean Hgt, ASCE 7-10, Enclosed Bldg. located anywhere in roof, Exp D, wind DL= 5.0 psf (min), Kzt=1.0.

Note: Top chords of trusses supporting piggyback cap trusses must be adequately braced by sheathing or purlins. The building Engineer of Record shall provide diagonal bracing or any other suitable anchorage to permanently restrain purlins, and lateral bracing for out of plane loads over gable ends.

Maximum truss spacing is 24" o.c. detail is not applicable if cap supports additional loads such as cupola, steeple, chimney or drag strut loads.

** Refer to Engineer's sealed truss design drawing for piggyback and base truss specifications.

Detail A : Purlin Spacing = 24" o.c. or less



Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135"x3.5") and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128"x3") at 4' o.c.

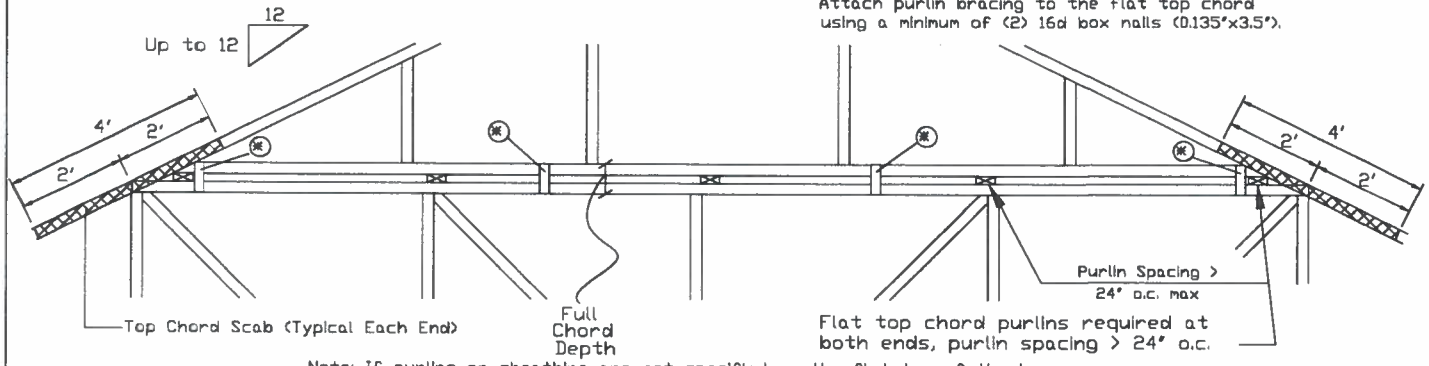
Attach purlin bracing to the flat top chord using (2) 16d box nails (0.135"x3.5").

The top chord #3 grade 2x4 scab may be replaced with either of the following: (1) 3X8 Trulox plate attached with (8) 0.120"x1.375" nails, (4) into cap TC & (4) into base truss TC or (1) 28PB wave piggyback plate plated to the piggyback truss TC and attached to the base truss TC with (4) 0.120"x1.375" nails. Note: Nailing thru holes of wave plate is acceptable.

Detail B : Purlin Spacing > 24" o.c.

Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135"x3.5") and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128"x3") at 4' o.c.

Attach purlin bracing to the flat top chord using a minimum of (2) 16d box nails (0.135"x3.5").



Note: If purlins or sheathing are not specified on the flat top of the base truss, purlins must be installed at 24" o.c. max. and use Detail A.

** In addition, provide connection with one of the following methods:

Trulox
Use 3X8 Trulox plates for 2x4 chord member, and 3X10 Trulox plates for 2x6 and larger chord members. Attach to each face @ 8' o.c. with (4) 0.120"x1.375" nails into cap bottom chord and (4) in base truss top chord. Trulox plates may be staggered 4' o.c. front to back faces.

APA Rated Gusset
8"x8"x7/16" (min) APA rated sheathing gussets (each face). Attach @ 8' o.c. with (8) 6d common (0.113"x2") nails per gusset, (4) in cap bottom chord and (4) in base truss top chord. Gussets may be staggered 4' o.c. front to back faces.

2x4 Vertical Scabs
2x4 SPF #2, full chord depth scabs (each face). Attach @ 8' o.c. with (6) 10d box nails (0.128"x3") per scab, (3) in cap bottom chord and (3) in base truss top chord. Scabs may be staggered 4' o.c. front to back faces.

28PB Wave Piggyback Plate
One 28PB wave piggyback plate to each face @ 8' o.c. Attach teeth to piggyback at time of fabrication. Attach to supporting truss with (4) 0.120"x1.375" nails per face per ply. Piggyback plates may be staggered 4' o.c. front to back faces.

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

DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

Aug 24 '15

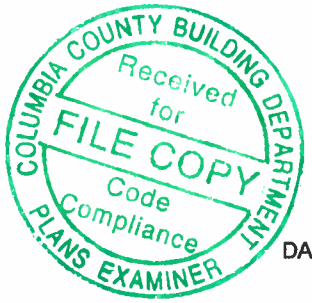
REF	PIGGYBACK
DATE	10/01/14
DRWG	PB160101014
SPACING	24.0"

08/24/2015

HUNT
HVAC LOAD ANALYSIS

for

THOMPSON CONSTRUCTION



Prepared By:

DAVID HALL
DAVID HALL'S INC.
PO BOX 244
LAKE CITY FLORIDA 32056
386-755-9792
08/29/2015

Miscellaneous Project Data

Project File Name: THOMPSON, THOMPSON P

System Input Data

—System 1—	Outdoor Dry Bulb	Outdoor Wet Bulb	Indoor Rel.Hum.	Indoor Dry Bulb	Grains Difference
Winter:	31	N/A	N/A	72	N/A
Summer:	95	78	50%	75	53

External Overhangs

No.	Projection	Offset	No.	Projection	Offset
1	3	1	6	0	0
2	5	0	7	0	0
3	4	0.5	8	0	0
4	0	0	9	0	0
5	0	0	10	0	0

Duct Sizing Inputs

	Runouts		Main Trunk	
Duct Material:	Flexible Duct		Galvanized Steel	
Roughness Factor:	0.010000		0.000300	
Pressure Drop:	0.1000	In.wg/100 Ft.	0.1000	In.wg/100 Ft.
Minimum Velocity:	450.0	Ft./Minute	650.0	Ft./Minute
Maximum Velocity:	750.0	Ft./Minute	900.0	Ft./Minute
Minimum Height:	0	Inches	0	Inches
Maximum Height:	0	Inches	0	Inches

Outside Air Data

	Winter		Summer	
Infiltration:	0.900	AC/Hr	0.400	AC/Hr
Volume of Conditioned Space:	X 16435	Cu.Ft.	X 16435	Cu.Ft.
	14,792	Cu.Ft./Hr	6,574	Cu.Ft./Hr
	X 0.0167		X 0.0167	
Total Building Infiltration:	246.525	CFM	109.5667	CFM
Total Building Ventilation:	0	CFM	0	CFM

—System 1—

Infiltration & Ventilation Sensible Gain Multiplier:	22.00	= (1.10 X 20.00 Summer Temp. Difference)
Infiltration & Ventilation Latent Gain Multiplier:	36.24	= (0.68 X 53.29 Grains Difference)
Infiltration & Ventilation Sensible Loss Multiplier:	45.10	= (1.10 X 41.00 Winter Temp. Difference)

Total Building Summary Loads

Component Description	Area Quan	Sen. Loss	Lat. Gain	Sen. Gain	Total Gain
3B Window Double Pane Clear Glass TIM Frame	240	5,992	0	13,160	13,160
8F Glass Door Single Low e Glass Metal Frame	49	1,921	0	3,528	3,528
11A Door Metal Fiberglass Core	21	508	0	292	292
12G Wall R-13 + 3/4" ExtPoly Board(R-3.8)	1,238	3,299	0	1,899	1,899
16H Ceiling R-38 Insulation	1,840	1,962	0	2,107	2,107
19E Floor Over Basement/Encl Crawl Hardwood + R-30	1,840	1,396	0	0	0
Subtotals for structure:	5,228	15,078	0	20,986	20,986
Active People:	4	0	920	1,200	2,120
Inactive People:	0	0	0	0	0
Appliances:	0	0	1,000	1,000	2,000
Lighting:	0	0		7,843	
Ductwork:	0	1,309	0	3,345	3,345
Infiltration: Winter CFM: 246.5, Summer CFM: 109.6	310	11,119	3,969	2,409	6,378
Ventilation: Winter CFM: 0.0, Summer CFM: 0.0	0	0	0	0	0
Sensible Gain Total:				36,783	
Temperature Swing Multiplier:				X1.00	
Building Load Totals:		27,506	5,889	36,783	42,672

Check Figures

Total Building Supply CFM:	1672	CFM per square foot:	0.909
Square feet of room area:	1,840	Square feet per ton:	462.214

Building Loads

Total heating required with outside air:	27,506 Btuh	27.506	MBH
Total sensible gain:	36,783 Btuh	86	%
Total latent gain:	5,889 Btuh	14	%
Total cooling required with outside air:	42,672 Btuh	3.556	Tons (based on sensible + latent)
		3.981	Tons (based on 77% sensible capacity)

Notes

Calculations are based on 7th edition of ACCA Manual J.
All computed results are estimates as building use and weather may vary.
Be sure to select a unit that meets both sensible and latent loads.

System #1 Zone #1 Summary Loads

Component Description	Area Quan	Sen. Loss	Lat. Gain	Sen. Gain	Total Gain
3B Window Double Pane Clear Glass TIM Frame	240	5,992	0	13,160	13,160
8F Glass Door Single Low e Glass Metal Frame	49	1,921	0	3,528	3,528
11A Door Metal Fiberglass Core	21	508	0	292	292
12G Wall R-13 + 3/4" ExtPoly Board(R-3.8)	1,238	3,299	0	1,899	1,899
16H Ceiling R-38 Insulation	1,840	1,962	0	2,107	2,107
19E Floor Over Basement/Encl Crawl Hardwood + R-30	1,840	1,396	0	0	0
Subtotals for structure:	5,228	15,078	0	20,986	20,986
Active People:	4	0	920	1,200	2,120
Inactive People:	0	0	0	0	0
Appliances:	0	0	1,000	1,000	2,000
Lighting:	0	0		7,843	
Ductwork:	0	1,309	0	3,345	3,345
Infiltration: Winter CFM: 246.5, Summer CFM: 109.6	310	11,119	3,969	2,409	6,378
Ventilation: Winter CFM: 0.0, Summer CFM: 0.0	0	n/a	n/a	n/a	n/a
Sensible Gain Total:				36,783	
Temperature Swing Multiplier:				X1.00	
Zone Load Totals:		27,506	5,889	36,783	42,672

Check Figures

Supply CFM:	1,672	CFM per square foot:	0.909
Square feet of room area:	1,840	Square feet per ton:	462.214

Zone Loads

Total heating required with outside air:	27,506	Btuh	27.506	MBH
Total sensible gain:	36,783	Btuh	86	%
Total latent gain:	5,889	Btuh	14	%
Total cooling required with outside air:	42,672	Btuh	3.556	Tons (based on sensible + latent)
			3.981	Tons (based on 77% sensible capacity)

Room Load Summary Reports

System #1 Room Load Summary

No	Room Name	Area SF	Htg Sens Btuh	Htg Nom CFM	Run Duct Size	Run Duct Vel	Clg Sens Btuh	Clg Lat Btuh	Clg Nom CFM	Zone Adj Fact	Clg Adj CFM	Air Sys CFM
	---Zone 1---											
1	Living Room	494	10,450	136	2-11	531	12,344	1,575	561	1.25	701	561
2	Dining Room	215	5,923	77	1-11	586	6,805	986	309	1.25	387	309
3	Kitchen	150	1,850	24	1-8	467	3,588	1,499	163	1.00	163	163
4	Bath	48	91	1	1-3	404	436	0	20	1.00	20	20
5	Hall	90	172	2	1-4	450	864	0	39	1.00	39	39
6	Bedroom#2	152	1,681	22	1-7	463	2,323	461	106	1.17	124	106
7	Bedroom#3	192	2,518	33	1-8	509	3,324	550	151	1.17	178	151
8	Laundry Room	66	763	10	1-5	537	1,612	102	73	1.00	73	73
9	Master Bath	95	805	10	2-3	559	1,208	102	55	1.00	55	55
10	Master Closet	42	81	1	1-3	744	803	0	37	1.00	37	37
11	Master Bedroom	296	3,172	41	1-8	453	3,476	614	158	1.00	158	158
System 1 Totals		1840	27,506	357			36,783	5,889	1,672		1,934	1,672

Main Trunk Size: 18x16 in.

System #1 Cooling System Summary

	Cooling Tons	Sensible/Latent Split	Sensible Btuh	Latent Btuh	Total Btuh
Net Required:	3.556	86%/14%	36,783	5,889	42,672
Recommended:	3.981	77%/23%	36,783	10,987	47,770

FORMR405-2014

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX*= 97

The lower theEnergyPerformance Index, the moreefficient the home.

, , FL,

1. New constructionor existing		New (From Plans)
2. Single familyor multiple family		Single-family
3. Number of units, if multiple family		1
4. Number of Bedrooms		3
5. Is this a worst case?		No
6. Conditionedfloor area(ft²)		1840

7. Windows**	Description	Area
a. U-Factor:	Dbl, U=0.36	282.74 ft²
SHGC:	SHGC=0.25	
b. U-Factor:	N/A	ft²
SHGC:		
c. U-Factor:	N/A	ft²
SHGC:		
d. U-Factor:	N/A	ft²
SHGC:		
Area Weighted Average Overhang Depth:		7.369 ft.
Area Weighted Average SHGC:		0.250

8. Floor Types	Insulation	Area
a. Raised Floor	R=11.0	1840.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types	Insulation	Area
a. Frame- Wood, Exterior	R=13.0	1008.00 ft²
b. Frame- Wood, Exterior	R=19.0	368.00 ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	1840.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts	R	ft²
a. Sup: Attic, Ret: Attic, AH: Main	6	368

12. Cooling systems	k Btu/hr	Efficiency
a. Central Unit	16.0	SEER:15.00

13. Heating systems	k Btu/hr	Efficiency
a. Electric Heat Pump	16.0	HSPF:8.20

14. Hot water systems		
a. Electric		Cap: 40 gallons
		EF: 0.92
b. Conservation features		
None		
15. Credits		Pstat

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

I certify that this home hascomplied with the Florida Energy Efficiency Code forBuilding Constructionthrough the above energy saving features which will beinstalled (orexceeded) in this home before final inspection. Otherwise, a new EPL Display Cardwill becompleted based oninstalled Codecompliant features.

BuilderSignature: Date: Sept 14-15

Address of NewHome: 424 SW BLUFF City/FL Zip: FT WHITE 32038

GREAT SEAL OF THE STATE OF FLORIDA
IN GOD WE TRUST

*Note: This is not aBuilding Energy Rating. If your Index isbelow 70, your home mayqualify for energyefficient mortgage (EEM)incentives if youobtain aFlorida EnergyGauge Rating. Contact theEnergyGauge Hotline at (321) 638-1492 or see theEnergyGauge web site atenergygauge.com forinformation and a list ofcertified Raters. For information about the FloridaBuilding Code, Energy Conservation, contact the FloridaBuilding Commission's support staff.

**Labelrequired bySection R303.1.3 of the FloridaBuilding Code, Energy Conservation, if not DEFAULT.

RESIDENTIAL ENERGY CONSERVATION CODE DOCUMENTATION CHECKLIST

Florida Department of Business and Professional Regulation
Simulated Performance Alternative (Performance) Method

Applications for compliance with the 2014 Florida Building Code, Energy Conservation via the residential Simulated Performance method shall include

- ☐ *This checklist*
- ☐ *A Form R405 report that documents that the Proposed Design complies with Section R405.3 of the Florida Energy Code. This form shall include a summary page indicating home address, e-ratio and the pass or fail status along with summary areas and types of components, whether the home was simulated as a worst-case orientation, name and version of the compliance software tool, name of individual completing the compliance report (1 page) and an input summary checklist that can be used for field verification (usually 4 pages/may be greater).*
- ☐ *Energy Performance Level (EPL) Display Card (one page)*
- ☐ *Mandatory Requirements(three pages)*

Required prior to CO for the Performance Method:

- ☐ *Air Barrier and Insulation Inspection Component Criteria checklist (Table R402.4.1.1 - one page)*
- ☐ *A completed Envelope Leakage Test Report(usually one page)*
- ☐ *If Form R405 duct leakage type indicates anything other than "default leakage", then a completed Form R405 Duct Leakage Test Report (usually one page)*

FORMR405-2014

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department ofBusiness andProfessional Regulation -Residential Performance Method

Project Name:	Hunt Williams	Builder Name:	
Street:		Permit Office:	
City, State,Zip:	, FL ,	Permit Number:	
Owner:	Hunt Williams	Jurisdiction:	
Design Location:	FL, Gainesville		

1. New constructionor existing	New (From Plans)
2. Single familyor multiple family	Single-family
3. Number of units, if multiple family	1
4. Number of Bedrooms	3
5. Is this a worst case?	No
6. Conditionedfloor area abovegrade (ft²)	1840
Conditioned floor area below grade (ft²)	0

7. Windows(282.7 sqft.)	Description	Area
a. U-Factor:	Dbl, U=0.36	282.74 ft²
SHGC:	SHGC=0.25	
b. U-Factor:	N/A	ft²
SHGC:		
c. U-Factor:	N/A	ft²
SHGC:		
d. U-Factor:	N/A	ft²
SHGC:		
Area Weighted Average Overhang Depth:		7.369 ft.
Area Weighted Average SHGC:		0.250

8. Floor Types (1840.0 sqft.)	Insulation	Area
a. Raised Floor	R=11.0	1840.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types(1376.0 sqft.)	Insulation	Area
a. Frame- Wood, Exterior	R=13.0	1008.00 ft²
b. Frame- Wood, Exterior	R=19.0	368.00 ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types(1840.0 sqft.)	Insulation	Area
a. Under Attic (Vented)	R=30.0	1840.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts	R	ft²
a. Sup: Attic, Ret: Attic, AH: Main	6	368

12. Cooling systems	k Btu/hr	Efficiency
a. Central Unit	16.0	SEER:15.00

13. Heating systems	k Btu/hr	Efficiency
a. Electric Heat Pump	16.0	HSPF:8.20

14. Hot water systems	
a. Electric	Cap: 40 gallons
	EF: 0.920
b. Conservation features	
None	
15. Credits	Pstat

Glass/Floor Area: 0.154

Total ProposedModified Loads: 54.42

TotalBaseline Loads: 55.96

PASS

I herebycertify that the plans andspecifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: Grant Gill

DATE: 9/14/15

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

OWNER/AGENT:

DATE: 9/14/15

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

BUILDING OFFICIAL:

DATE:

-Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with R403.2.2.1.

-Compliance requires an AirBarrier andInsulation Inspection Checklist in accordance with R402.4.1.1 and an envelope leakage testreport in accordance with R402.4.1.2.

PROJECT

Title:	Hunt WIlliams	Bedrooms:	3	Address Type:	Street Address
Building Type:	User	Conditioned Area:	1840	Lot #	
Owner:	Hunt Williams	Total Stories:	1	Block/SubDivision:	
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:		Rotate Angle:	0	Street:	
Permit Office:		Cross Ventilation:		County:	Columbia
Jurisdiction:		Whole House Fan:		City, State, Zip:	, FL ,
Family Type:	Single-family				
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

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

BLOCKS

Number	Name	Area	Volume
1	Block1	1840	14720

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	Main	1840	14720	Yes	3	3	1	Yes	Yes	Yes

FLOORS

√	#	Floor Type	Space	R-Value		Area		Tile	Wood	Carpet
_____	1	Raised Floor	Main	---	---	1840 ft²	11	0	0	1

ROOF

√	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)
_____	1	Gable or shed	Composition shingles	2058 ft²	460 ft²	Medium	0.96	No	0.9	No	0	26.6

ATTIC

√	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	1840 ft²	N	N

CEILING

√	#	Ceiling Type	Space	R-Value	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	Main	30	1840 ft²	0.11	Wood

FORM R405-2014

WALLS

√	#	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	Width In	Height Ft	Height In	Area	Sheathing R-Value	Framing Fraction	Solar Absor.	Below Grade%
____	1	W	Exterior	Frame - Wood	Main	19	46		8		368.0 ft²		0.23	0.75	0
____	2	N	Exterior	Frame - Wood	Main	13	40		8		320.0 ft²		0.23	0.75	0
____	3	E	Exterior	Frame - Wood	Main	13	46		8		368.0 ft²		0.23	0.75	0
____	4	S	Exterior	Frame - Wood	Main	13	40		8		320.0 ft²		0.23	0.75	0

DOORS

√	#	Ornt	Door Type	Space	Storms	U-Value	Width Ft	Width In	Height Ft	Height In	Area
_____	1	W	Wood	Main	None	.46	3		6	8	20 ft²
_____	2	E	Wood	Main	None	.46	3		6	8	20 ft²

WINDOWS

Orientation shownis the entered, Proposed orientation.

√	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Area	Overhang Depth	Overhang Separation	Int Shade	Screening
_____	1	W	1	Metal	Double (Tinted)	Yes	0.36	0.25	19.0 ft²	4 ft 0 in	1 ft 4 in	Drapes/blinds	None
_____	2	W	1	Metal	Double (Tinted)	Yes	0.36	0.25	6.7 ft²	4 ft 0 in	1 ft 4 in	Drapes/blinds	None
_____	3	W	1	Metal	Double (Tinted)	Yes	0.36	0.25	17.8 ft²	4 ft 0 in	1 ft 4 in	Drapes/blinds	None
_____	4	N	2	Metal	Double (Tinted)	Yes	0.36	0.25	24.8 ft²	4 ft 0 in	1 ft 4 in	Drapes/blinds	None
_____	5	N	2	Metal	Double (Tinted)	Yes	0.36	0.25	7.5 ft²	4 ft 0 in	1 ft 4 in	Drapes/blinds	None
_____	6	E	3	Metal	Double (Tinted)	Yes	0.36	0.25	13.3 ft²	4 ft 0 in	1 ft 4 in	Drapes/blinds	None
_____	7	E	3	Metal	Double (Tinted)	Yes	0.36	0.25	16.7 ft²	4 ft 0 in	1 ft 4 in	Drapes/blinds	None
_____	8	E	3	Metal	Double (Tinted)	Yes	0.36	0.25	18.3 ft²	4 ft 0 in	1 ft 4 in	Drapes/blinds	None
_____	9	S	4	Metal	Double (Tinted)	Yes	0.36	0.25	78.8 ft²	10 ft 0 in	1 ft 4 in	Drapes/blinds	None
_____	10	S	4	Metal	Double (Tinted)	Yes	0.36	0.25	80.0 ft²	10 ft 0 in	1 ft 4 in	Drapes/blinds	None

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000203	981.3	53.87	101.32	.1566	4

HEATING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Block	Ducts
_____	1	Electric Heat Pump	Split	HSPF:8.2	16 kBtu/hr	1	sys#1

COOLING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
_____	1	Central Unit	Split	SEER: 15	16 kBtu/hr	480 cfm	0.75	1	sys#1

HOT WATER SYSTEM

√	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	None	Main	0.92	40 gal	60 gal	120 deg	None

SOLAR HOT WATER SYSTEM

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

DUCTS

√	#	— Supply — Location	R-Value	Area	— Return — Location	Area	Leakage Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HVAC # Heat	HVAC # Cool
_____	1	Attic	6	368 ft²	Attic	92 ft²	Default Leakage	Main	(Default)	(Default)			1	1

TEMPERATURES

Programable Thermostat:Y Ceiling Fans:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Cooling	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]	[X]	[X]	[ ]	[ ]	[ ]
Heating	[X]	[X]	[X]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]
Venting	[ ]	[ ]	[X]	[X]	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]	[ ]

Thermostat Schedule: HERS 2006 Reference

Schedule Type		Hours 1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66
Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66

CERTIFICATE OF

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 18-7S-16-04236-009 **Building permit No.** 000033394

Use Classification SFD, UTILITY **Fire:** 61.12

Permit Holder GARY THOMPSON **Waste:** 80.45

Owner of Building DAVID & KIMBERLY HUNT **Total:** 141.57

Location: 424 SW BLUFF DR, FT WHITE, FL 32038

Date: 05/23/2016

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)