DATE 09/16/2011

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000029686

APPLICANT DOUG EDGLEY PHONE 752-0580

ADDRESS 590 SW ARLINGTON BLVD, STE 113 LAKE CITY FL 32025

OWNER RONALD JR AND SALLIE FORD PHONE 752-0580

ADDRESS 574 SW IOWA DRIVE FORT WHITE FL 32038

CONTRACTOR EDGLEY CONSTRUCTION PHONE 623-6654

LOCATION OF PROPERTY 47 S, R WILSON SPRINGS, @ NEWARK - GO STRAIGHT ON IOWA DRIVE
2ND LOT ON LEFT AFTER CALIFORNIA TERR (CALIF IS ON RIGHT)

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 168000.00

HEATED FLOOR AREA 2100.00 TOTAL AREA 3360.00 HEIGHT 21.00 STORIES 1

FOUNDATION WOOD WALLS FRAMED ROOF PITCH 7/12 FLOOR BEAM

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 F DEVELOPMENT PERMIT NO. 11-007

PARCEL ID 01-7S-15-01439-606 SUBDIVISION WILSON ACRES S/D UNREC

LOT 6 BLOCK PHASE UNIT TOTAL ACRES 12.00

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
		RR28281136	

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
EXISTING	11-0355	BK	TC	N

COMMENTS: BOTTOM OF FINISHED FLOOR AND ALL EQUIPMENT TO BE @ 35.2', ELEVATION
CERTIFICATE REQUIRED AT PERMANENT POWER
ZERO RISE ON FILE, NOC ON FILE Check # or Cash 3159

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ date/app. by Foundation _____ date/app. by Monolithic _____ date/app. by

Under slab rough-in plumbing _____ date/app. by Slab _____ date/app. by Sheathing/Nailing _____ date/app. by

Framing _____ date/app. by Insulation _____ date/app. by

Rough-in plumbing above slab and below wood floor _____ date/app. by Electrical rough-in _____ date/app. by

Heat & Air Duct _____ date/app. by Peri. beam (Lintel) _____ date/app. by Pool _____ date/app. by

Permanent power _____ date/app. by C.O. Final _____ date/app. by Culvert _____ date/app. by

Pump pole _____ date/app. by Utility Pole _____ date/app. by M/H tie downs, blocking, electricity and plumbing _____ date/app. by

Reconnection _____ date/app. by RV _____ date/app. by Re-roof _____ date/app. by

BUILDING PERMIT FEE $ 840.00 CERTIFICATION FEE $ 16.80 SURCHARGE FEE $ 16.80

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** 998.60

INSPECTORS OFFICE L. Dodson CLERKS OFFICE CH

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

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

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT 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.

☑ SRWMD - forthcoming

☑ #49 Doug Edgley: Alum/vinyl
☑ Steve Bordeaux: all update
☑ Ryan Harding - L&B

Columbia County Building Permit Application

For Office Use Only Application # 1109-03 Date Received 9/6 By JW Permit # 29686
Zoning Official BLK Date 15 Sept. 2011 Flood Zone AE Floodway Land Use ESA Zoning ESA-2
FEMA Map # 467C Elevation 34.2' MFE 35.2' River Santa Fe Plans Examiner T.C. Date 9-7-11
Comments Bottom of finished floor and equipment to be at 35.2' ☑ Zero Rise ☑ WMD Permit
☑ NOC ☑ EH ☑ Deed or PA ☑ Site Plan ☐ State Road Info ☑ Well letter ☑ 911 Sheet ☐ Parent Parcel #
☑ Dev Permit # 11-007 ☐ In Floodway ☑ Letter of Auth. from Contractor ☐ F W Comp. letter
IMPACT FEES: EMS ___ Fire ___ Corr ___ ☑ Sub VF Form
Road/Code ___ School ___ = TOTAL (Suspended) ☑ App Fee Paid

Septic Permit No. 11-0355 Fax 386-752-4904

Name Authorized Person Signing Permit KIMMY EDGLEY Phone 386-752-0580

Address 590 SW Arlington Blvd Suite 113 Lake City Fl 32025

Owners Name Ronald Jr and Sallie Ford Phone 386-752-0580

911 Address 574 SW Iowa Drive Ft White Fl 32038

Contractors Name Edgley Construction div of CEE BAS In Phone 386-623-6654

Address 590 SW Arlington Blvd Suite 113 Lake City Fl 32025

Fee Simple Owner Name & Address Ronald Jr and Sallie Ford

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Marty Humphries, P.E. 7932 240th ST O'Brien, Fl 32071

Mortgage Lenders Name & Address FFSB P.O. Box 2029 Lake City Fl 32056

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

Property ID Number 01-7S-15-01439-606 Estimated Cost of Construction $178,000.00

Subdivision Name Wilson Acres Unr S/D Lot 6 Block ___ Unit ___ Phase ___

Driving Directions 47S to Ft. White cross over 27, TR on Wilson Springs Rd, go to stop sign go straight onto Iowa Drive lot on left.

Number of Existing Dwellings on Property N/A

Construction of Residential Home Total Acreage 12 Lot Size ___

Do you need a - Culvert Permit or Culvert Waiver or (Have an Existing Drive) Total Building Height 20'4 3/16"

Actual Distance of Structure from Property Lines - Front 1098' Side 109.33' Side 206.51 Rear 263.78

Number of Stories 1 Heated Floor Area 2100 Total Floor Area 3360 Roof Pitch 7/12

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

ck# 3159

Left a Message 9-15-11 LH

Columbia County Building Permit Application

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

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

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

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

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT 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.

Sallie Ford

Owners Signature **(Owners Must Sign All Applications Before Permit Issuance.)**

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

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

Douglas E Ford

Contractor's Signature (Permitee)

Contractor's License Number RR282811326
Columbia County
Competency Card Number 44

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 6th **day of** September **20** 11

Personally known __ **or Produced Identification** __

Nanci Brinkley

State of Florida Notary Signature (For the Contractor)

SEAL:

NANCI L. BRINKLEY
MY COMMISSION # DD 932450
EXPIRES: December 26, 2013
Bonded Thru Notary Public Underwriters

THIS INSTRUMENT WAS PREPARED BY:
TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328
RETURN TO:
TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328
File No. 11-116

PERMIT NO._____ TAX FOLIO NOS.: R01439-606

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

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

1. Description of property:

WILSON ACRES- PARCEL 6

A PARCEL OF LAND IN SECTION 1, TOWNSHIP? SOUTH, RANGE 15 EAST, COLUMBIA COUNTY. FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHEAST CORNER OF SECTION 1, TOWNSHIP 7 SOUTH, RANGE 15 EAST, COLUMBIA COUNTY, FLORIDA AND RUN SOUTH 89°28'24" WEST ALONG THE NORTH LINE OF SAID SECTION 1 A DISTANCE OF 2254.99 FEET; THENCE SOUTH 00°15'08" EAST A DISTANCE OF 87.09 FEET TO THE POINT OF BEGINNING, SAID POINT ALSO BEING A POINT ON THE SOUTHERLY MAINTAINED RIGHT-OF-WAY LINE OF POWELL ROAD (A GRADED ROAD); THENCE CONTINUE SOUTH 00°15'08" EAST A DISTANCE OF 1138.29 FEET; THENCE SOUTH 89°44'52" WEST A DISTANCE OF 97.17 FEET; THENCE SOUTH 00°37'26" WEST A DISTANCE 342.86 FEET TO A POINT ON THE APPROXIMATE MEAN HIGHWATER LINE OF THE SANTA FE RIVER; THENCE NORTHWESTERLY ALONG THE MEANDER LINE OF SAID APPROXIMATE MEAN HIGHWATER LINE OF THE SANTA FE RIVER A DISTANCE OF 312 FEET, MORE OR LESS; THENCE NORTH 00°15'08" WEST A DISTANCE OF 1429.78 FEET TO A POINT ON THE SOUTHERLY MAINTAINED RIGHT-OF-WAY LINE OF POWELL ROAD (A GRADED ROAD); THENCE EASTERLY ALONG SAID SOUTHERLY MAINTAINED RIGHT-OF-WAY LINE OF POWELL ROAD (A GRADED ROAD) A DISTANCE OF 387.00 FEET TO THE POINT OF BEGINNING.

2. General description of improvement: Construction of Dwelling

3. Owner information:

a.Name and address: Ronald C. Ford Jr. and Sallie A. Ford

b.Interest in property: Fee Simple

c.Name and address of fee simple title holder (if other than Owner):

4. a.Contractor: Edgley Construction Company

b.Contractor's Telephone Number: 386-752-0580

5. Surety

a.Name and address: None

b.Phone Number:

c. Amount of Bond:

6. a.Lender: First Federal Bank of Florida

b.Lender's Telephone Number: 386-755-0600

7. a.Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: None

b. Phone Number:

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

b. Phone Number:

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified).

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

VERIFICATION PURSUANT TO SECTION 92.525, FLORIDA STATUTES.

UNDER PENALTIES OF PERJURY, I DECLARE THAT I HAVE READ THE FOREGOING AND THAT THE FACTS STATED IN IT ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

RONALD C. FORD, JR.

SALLIE A. FORD

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 19th day of August 2011, by RONALD C. FORD, JR. and SALLIE A. FORD. They are personally known to me and did not take an oath.

Notary Public
My commission expires:_____

DEETTE F. BROWN
MY COMMISSION # EE 015615
EXPIRES: October 22, 2014
Bonded Thru Notary Public Underwriters

Columbia County Building Department
Flood Development Permit

Development Permit
F 023- 11-007

DATE 09/16/2011 BUILDING PERMIT NUMBER 000029686

APPLICANT DOUG EDGLEY PHONE 752-0580

ADDRESS 590 SW ARLINGTON BLVD, STE 1 LAKE CITY FL 32025

OWNER RONALD JR AND SALLIE FORD PHONE 752-0580

ADDRESS 574 SW IOWA DRIVE FORT WHITE FL 32038

CONTRACTOR EDGLEY CONSTRUCTION PHONE 623-6654

ADDRESS 590 SW ARLINGTON BLVD, STE 1 LAKE CITY FL 32025

SUBDIVISION WILSON ACRES S/D UNREC Lot 6 Block ____ Unit ____ Phase ____

TYPE OF DEVELOPMENT SFD, UTILITY PARCEL ID NO. 01-7S-15-01439-606

FLOOD ZONE AE F BY BK 2-4-2009 FIRM COMMUNITY # 120070 - PANEL # 467C

FIRM 100 YEAR ELEVATION 34.2 PLAN INCLUDED YES or NO

REQUIRED LOWEST HABITABLE FLOOR ELEVATION 35.2

IN THE REGULATORY FLOODWAY YES or NO RIVER Santa Fe

SURVEYOR / ENGINEER NAME Brett Crews LICENSE NUMBER 65592

____ ONE FOOT RISE CERTIFICATION INCLUDED

✓ ZERO RISE CERTIFICATION INCLUDED

✓ SRWMD PERMIT NUMBER ERP 11 - 0142
(~~INCLUDING THE ONE FOOT RISE CERTIFICATION~~)

DATE THE FINISHED FLOOR ELEVATION CERTIFICATE WAS PROVIDED ____

INSPECTED DATE ____ BY ____

COMMENTS ____

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

1109-03

SUWANNEE
RIVER
WATER
MANAGEMENT
DISTRICT
9225 CR 49
LIVE OAK, FLORIDA 32060
TELEPHONE: (386) 362-1001
TELEPHONE: 800-226-1066
FAX (386) 362-1056

GENERAL PERMIT

PERMITTEE:
RONALD & SALLY FORD
571 SW FEAGLE PLACE
LAKE CITY, FL 32024

PERMIT NUMBER: ERP11-0142
DATE ISSUED: 09/06/2011
DATE EXPIRES: 09/06/2014
COUNTY: COLUMBIA
TRS: S1/T7S/R15E

PROJECT: RONALD & SALLIE FORD DISTRICT FLOODWAY PROJECT

Approved entity to whom operation and maintenance may be transferred pursuant to rule 40B-4.1130, Florida Administrative Code (F.A.C.):

RONALD & SALLY FORD
571 SW FEAGLE PLACE
LAKE CITY, FL 32024

Based on information provided, the Suwannee River Water Management District's (District) rules have been adhered to and an environmental resource general permit is in effect for the permitted activity description below:

This permit authorizes a 2100 square foot single family residence within the regulatory floodway of the Santa Fe River. The project will be completed in a manner consistent with the plans received by the District from Marty J. Humphries, P.E., on August 18, 2011, and the engineering report received by the District from Brett Crews, P.E., on August 18, 2011. and subject to conditions of District rule(s) 40B-4.3030, F.A.C.

It is your responsibility to ensure that adverse off-site impacts do not occur either during or after construction. Any additional construction or alterations not authorized by this permit may result in flood control or water quality problems both on and off site and will be a violation of District rule.

You or any other substantially affected persons are entitled to request an administrative hearing or mediation. Please refer to enclosed notice of rights.

This permit is issued under the provisions of chapter 373, F.S., chapter 40B-4, and chapter 40B-400,

F.A.C. A general permit authorizes the construction, operation, maintenance, alteration, abandonment, or removal of certain minor surface water management systems. This permit authorizes the permittee to perform the work necessary to construct, operate, and maintain the surface water management system shown on the application and other documents included in the application. This is to notify you of District's agency action concerning Notice Of Intent. This action is taken pursuant to rule 40B-4 and 40B-400, F.A.C.

Standard Conditions for All General Permits:

1. The permittee shall perform all construction authorized in a manner so as to minimize adverse impacts to fish, wildlife, natural environmental values, and water quality. The permittee shall institute necessary measures during construction including riprap, reinforcement, or compaction of any fill materials placed around newly installed structures, to minimize erosion, turbidity, nutrient loading, and sedimentation in the receiving waters.

2. Water quality data representative of the water discharged from the permitted system, including, but not limited to, the parameters in chapter 62-302, F.A.C., shall be submitted to the District as required. If water quality data are required, the permittee shall provide data as required on the volume and rate of discharge including the total volume discharged during the sampling period. All water quality data shall be in accordance with and reference the specific method of analysis in "Standard Methods for the Examination of Water and Wastewater" by the American Public Health Association or "Methods for Chemical Analysis of Water and Wastes" by the U.S. Environmental Protection Agency.

3. The operational and maintenance phase of an environmental resource permit will not become effective until the owner or his authorized agent certifies that all facilities have been constructed in accordance with the design permitted by the District. If required by the District, such as-built certification shall be made by an engineer or surveyor. Within 30 days after the completion of construction of the system, the permittee shall notify the District that the facilities are complete. If appropriate, the permittee shall request transfer of the permit to the responsible entity approved by the District for operation and maintenance. The District may inspect the system and, as necessary, require remedial measures as a condition of transfer of the permit or release for operation and maintenance of the system.

4. Off-site discharges during and after construction shall be made only through the facilities authorized by the permit. Water discharged from the project shall be through structures suitable for regulating upstream stage if so required by the District. Such discharges may be subject to operating schedules established by the District.

5. The permit does not convey to the permittee any property right nor any rights or privileges other

than those specified in the permit and chapter 40B-1, F.A.C.

6. The permittee shall hold and save the District harmless from any and all damages, claims, or liabilities which may arise by reason of the construction, operation, maintenance, alteration, abandonment, or development in a Works of the District which is authorized by the permit.

7. The permit is issued based on the information submitted by the applicant which reasonably demonstrates that adverse off-site water resource impacts will not be caused by the permitted activity. It is the responsibility of the permittee to insure that such adverse impacts do not in fact occur either during or after construction.

8. It is the responsibility of the permittee to obtain all other clearances, permits, or authorizations required by any unit of local, state, or federal government.

9. The surfacewater management system shall be constructed prior to or concurrent with the development that the system is intended to serve and the system shall be completed within 30 days of substantial completion of the development which the system is intended to serve.

10. Except for General Permits After Notice or permits issued to a unit of government, or unless a different schedule is specified in the permit, the system shall be inspected at least once every third year after transfer of a permit to operation and maintenance by the permittee or his agent to ascertain that the system is being operated and maintained in a manner consistent with the permit. A report of inspection is to be sent to the District within 30 days of the inspection date. If required by chapter 471, F.S., such inspection and report shall be made by an engineer.

11. The permittee shall allow reasonable access to District personnel or agents for the purpose of inspecting the system to insure compliance with the permit. The permittee shall allow the District, at its expense, to install equipment or devices to monitor performance of the system authorized by their permit.

12. The surfacewater management system shall be operated and maintained in a manner which is consistent with the conditions of the permit and chapter 40B-4.2040, F.A.C.

13. The permittee is responsible for the perpetual operation and maintenance of the system unless the operation and maintenance is transferred pursuant to chapter 40B-4.1130, F.A.C., or the permit is modified to authorize a new operation and maintenance entity pursuant to chapter 40B-4.1110, F.A.C.

14. All activities shall be implemented as set forth in the plans, specifications and performance criteria as approved by this permit. Any deviation from the permitted activity and the conditions for

undertaking that activity shall constitute a violation of this permit.

15. This permit or a copy thereof, complete with all conditions, attachments, exhibits, and modifications, shall be kept at the work site of the permitted activity. The complete permit shall be available for review at the work site upon request by District staff. The permittee shall require the contractor to review the complete permit prior to commencement of the activity authorized by this permit.

16. Activities approved by this permit shall be conducted in a manner which do not cause violations of state water quality standards.

17. Prior to and during construction, the permittee shall implement and maintain all erosion and sediment control measures (best management practices) required to retain sediment on-site and to prevent violations of state water quality standards. All practices must be in accordance with the guidelines and specifications in the Florida Stormwater, Erosion, and Sedimentation Control Inspector's Manual unless a project specific erosion and sediment control plan is approved as part of the permit, in which case the practices must be in accordance with the plan. If site-specific conditions require additional measures during any phase of construction or operation to prevent erosion or control sediment, beyond those specified in the erosion and sediment control plan, the permittee shall implement additional best management practices as necessary, in accordance with the Florida Stormwater, Erosion, and Sedimentation Control Inspector's Manual. The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources.

18. Stabilization measures shall be initiated for erosion and sediment control on disturbed areas as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than seven days after the construction activity in that portion of the site has temporarily or permanently ceased.

19. At least 48 hours prior to commencement of activity authorized by this permit, the permittee shall submit to the District a Construction Commencement Notice Form No. 40B-1.901(14) indicating the actual start date and the expected completion date.

20. When the duration of construction will exceed one year, the permittee shall submit construction status reports to the District on an annual basis utilizing an Annual Status Report Form No. 40B-1.901(15). These forms shall be submitted during June of each following year.

21. For those systems which will be operated or maintained by an entity requiring an easement or deed restriction in order to provide that entity with the authority necessary to operate or maintain the system, such easement or deed restriction, together with any other final operation or maintenance documents as are required by Paragraph 40B-4.2030(2)(g), F.A.C., and Rule 40B-4.2035, F.A.C.,

must be submitted to the District for approval. Documents meeting the requirements set forth in these subsections of District rules will be approved. Deed restrictions, easements and other operation and maintenance documents which require recordation either with the Secretary of State or Clerk of the Circuit Court must be so recorded prior to lot or unit sales within the project served by the system, or upon completion of construction of the system, whichever occurs first. For those systems which are proposed to be maintained by county or municipal entities, final operation and maintenance documents must be received by the District when maintenance and operation of the system is accepted by the local governmental entity. Failure to submit the appropriate final documents referenced in this paragraph will result in the permittee remaining liable for carrying out maintenance and operation of the permitted system.

22. Each phase or independent portion of the permitted system must be completed in accordance with the permitted plans and permit conditions prior to the initiation of the permitted use of site infrastructure located within the area served by that portion or phase of the system. Each phase or independent portion of the system must be completed in accordance with the permitted plans and permit conditions prior to transfer of responsibility for operation and maintenance of that phase or portion of the system to a local government or other responsible entity.

23. Within 30 days after completion of construction of the permitted system, or independent portion of the system, the permittee shall submit a written statement of completion and certification by a registered professional engineer or other appropriate individual as authorized by law, using the supplied As-Built Certification Form No. 40B-1.901(16) incorporated by reference in Subsection 40B-1.901(16), F.A.C. When the completed system differs substantially from the permitted plans, any substantial deviations shall be noted and explained and two copies of as-built drawings submitted to the District. Submittal of the completed form shall serve to notify the District that the system is ready for inspection. The statement of completion and certification shall be based on on-site observation of construction (conducted by the registered professional engineer, or other appropriate individual as authorized by law, or under his or her direct supervision) or review of as-built drawings for the purpose of determining if the work was completed in compliance with approved plans and specifications. As-built drawings shall be the permitted drawings revised to reflect any changes made during construction. Both the original and any revised specifications must be clearly shown. The plans must be clearly labeled as "as-built" or "record" drawing. All surveyed dimensions and elevations shall be certified by a registered surveyor. The following information, at a minimum, shall be verified on the as-built drawings:

a. Dimensions and elevations of all discharge structures including all weirs, slots, gates, pumps, pipes, and oil and grease skimmers;

b. Locations, dimensions, and elevations of all filter, exfiltration, or underdrain systems including cleanouts, pipes, connections to control structures, and points of discharge to the receiving waters;

c. Dimensions, elevations, contours, or cross-sections of all treatment storage areas sufficient to determine stage-storage relationships of the storage area and the permanent pool depth and volume below the control elevation for normally wet systems, when appropriate;

d. Dimensions, elevations, contours, final grades, or cross-sections of the system to determine flow directions and conveyance of runoff to the treatment system;

e. Dimensions, elevations, contours, final grades, or cross-sections of all conveyance systems utilized to convey off-site runoff around the system;

f. Existing water elevation(s) and the date determined; and

g. Elevation and location of benchmark(s) for the survey.

24. The operation phase of this permit shall not become effective until the permittee has complied with the requirements of the condition in paragraph 23 above, the District determines the system to be in compliance with the permitted plans, and the entity approved by the District in accordance with Rule 40B-4.2035, F.A.C., accepts responsibility for operation and maintenance of the system. The permit may not be transferred to such approved operation and maintenance entity until the operation phase of the permit becomes effective. Following inspection and approval of the permitted system by the District, the permittee shall request transfer of the permit to the approved responsible operation and maintenance operating entity if different from the permittee. Until the permit is transferred pursuant to Rule 40B-4.1130, F.A.C., the permittee shall be liable for compliance with the terms of the permit.

25. Should any other regulatory agency require changes to the permitted system, the permittee shall provide written notification to the District of the changes prior to implementation so that a determination can be made whether a permit modification is required.

26. This permit does not eliminate the necessity to obtain any required federal, state, local and special District authorizations prior to the start of any activity approved by this permit. This permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the permit and in this chapter and Chapter 40B-4, F.A.C.

27. The permittee is hereby advised that Section 253.77, F.S., states that a person may not commence any excavation, construction, or other activity involving the use of sovereign or other lands of the state, the title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund without obtaining the required lease, license, easement, or other form of consent

authorizing the proposed use. Therefore, the permittee is responsible for obtaining any necessary authorizations from the Board of Trustees prior to commencing activity on sovereignty lands or other state-owned lands.

28. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered specifically approved unless a specific condition of this permit or a formal determination under 40B-400.046, F.A.C., provides otherwise.

29. The permittee shall notify the District in writing within 30 days of any sale, conveyance, or other transfer of ownership or control of the permitted system or the real property at which the permitted system is located. All transfers of ownership or transfers of a permit are subject to the requirements of Rule 40B-4.1130, F.A.C. The permittee transferring the permit shall remain liable for any corrective actions that may be required as a result of any permit violations prior to such sale, conveyance or other transfer.

30. If historical or archaeological artifacts are discovered at any time on the project site, the permittee shall immediately notify the District.

31. The permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.

WITHIN 30 DAYS AFTER COMPLETION OF THE PROJECT, THE PERMITTEE SHALL NOTIFY THE DISTRICT, IN WRITING, THAT THE FACILITIES ARE COMPLETE.

Approved by _____ Date Approved 9/6/11
District Staff

_____ _____
Clerk Executive Director

SUWANNEE RIVER WATER MANAGEMENT DISTRICT

NOTICE OF RIGHTS

1. A person whose substantial interests are or may be determined has the right to request an administrative hearing by filing a written petition with the Suwannee River Water Management District (District), or may choose to pursue mediation as an alternative remedy under Section 120.569 and 120.573, Florida Statutes, before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for pursuing mediation are set forth in Sections 120.569 and 120.57 Florida Statutes. Pursuant to Rule 28-106.111, Florida Administrative Code, the petition must be filed at the office of the District Clerk at District Headquarters, 9225 C.R. 49, Live Oak, Florida 32060 within twenty-one (21) days of receipt of written notice of the decision or within twenty-one (21) days of newspaper publication of the notice of District decision (for those persons to whom the District does not mail actual notice). A petition must comply with Chapter 28-106, Florida Administrative Code.

2. If the Governing Board takes action which substantially differs from the notice of District decision to grant or deny the permit application, a person whose substantial interests are or may be determined has the right to request an administrative hearing or may chose to pursue mediation as an alternative remedy as described above. Pursuant to Rule 28-106.111, Florida Administrative Code, the petition must be filed at the office of the District Clerk at District Headquarters, 9225 C.R. 49, Live Oak, Florida 32060 within twenty-one (21) days of receipt of written notice of the decision or within twenty-one (21) days of newspaper publication of the notice of District decision (for those persons to whom the District does not mail actual notice). Such a petition must comply with Chapter 28-106, Florida Administrative Code.

3. A substantially interested person has the right to a formal administrative hearing pursuant to Section 120.569 and 120.57(1), Florida Statutes, where there is a dispute between the District and the party regarding an issue of material fact. A petition for formal hearing must comply with the requirements set forth in Rule 28-106.201, Florida Administrative Code.

4. A substantially interested person has the right to an informal hearing pursuant to Section 120.569 and 120.57(2), Florida Statutes, where no material facts are in dispute. A petition for an informal hearing must comply with the requirements set forth in Rule 28-106.301, Florida Administrative Code.

5. A petition for an administrative hearing is deemed filed upon receipt of the petition by the Office of the District Clerk at the District Headquarters in Live Oak, Florida.

6. Failure to file a petition for an administrative hearing within the requisite time frame shall constitute a waiver of the right to an administrative hearing pursuant to Rule 28-106.111, Florida Administrative Code.

7. The right to an administrative hearing and the relevant procedures to be followed is governed by Chapter 120, Florida Statutes, and Chapter 28-106, Florida Administrative Code.

8. Pursuant to Section 120.68, Florida Statutes, a person who is adversely affected by final District action may seek review of the action in the District Court of Appeal by filing a notice of appeal pursuant to the Florida Rules of Appellate Procedure, within 30 days of the rendering of the final District action.

9. A party to the proceeding before the District who claims that a District order is inconsistent with the provisions and purposes of Chapter 373, Florida Statutes, may seek review of the order pursuant to Section 373.114, Florida Statutes, by the Florida Land and Water Adjudicatory Commission, by filing a request for review with the Commission and serving a copy of the Department of Environmental Protection and any person named in the order within 20 days of adoption of a rule or the rendering of the District order.

10. For appeals to the District Courts of Appeal, a District action is considered rendered after it is signed on behalf of the District, and is filed by the District Clerk.

11. Failure to observe the relevant time frames for filing a petition for judicial review, or for Commission review, will result in waiver of the right to review.

CERTIFICATE OF SERVICE

I hereby certify that a copy of the foregoing Notice of Rights has been sent by U.S. Mail to:

RONALD & SALLY FORD
571 SW FEAGLE PLACE
LAKE CITY, FL 32024

At 4:00 p.m. this 9 day of Sept, 2011.

Jon M. Dinges
Deputy Clerk
Suwannee River Water Management District
9225 C.R. 49
Live Oak, Florida 32060

386.362.1001 or 800.226.1066 (Florida only)

cc: File Number: ERP11-0142

1109-03

CES
Crews Engineering Services, LLC

Crews Engineering Services, LLC
P.O. Box 970
Lake City, FL 32025
386.623.4303
brett@crewsengineeringservices.com

July 26, 2011

Suwannee River Water Management District
9225 CR 49
Live Oak, FL 32060

SUBJECT: Sallie Ford Zero Rise Certification, Columbia County

To Whom It May Concern:

Ms. Ford would like to permit improvements to Lot 6 of Wilson Acres in Section 1, Township 7 South, Range 15 East, Columbia County, FL. The improvements include a 30' x 70' house (with 6'x70' deck and 12'x70' deck connected) and a 10' x 20' deck and a 10' x 12' dock in the floodway of the Santa Fe River.

A zero rise certification with supporting documentation is attached. A new cross section was interpolated from existing cross sections and was added at the site location. The following steps were executed in performing the zero rise calculations:

(1) Run the model with SRWMD existing cross sections. Verify that the model matches the original flood study results.

The output from the run using the existing cross sections matches the original flood study.

(2) Interpolate between existing cross sections and add a new cross section at the site location.

The new cross section, RS 11.27, was interpolated from RS 11.3 and RS 10.06.

(3) Verify the run using the additional cross section matches the original output.

The elevations from the interpolated cross section were adjusted accordingly. The output from the run using the interpolated cross section matches the original flood study. The 100 year flood level is consistent with adjacent cross sections. A conversion factor of -0.755 feet was obtained by entering latitude and longitude measures of the cross section

into VERTCON (http://www.ngs.noaa.gov/cgi-bin/VERTCON/vert_con.prl**). This was used to compare NGVD 29 datum obtained from the HEC-RAS model to NAVD 88 referenced in the flood study. Once converted, 100 year flood levels are consistent with the current flood study**

(4) Add obstructions along the new cross section to model the new development.

One obstruction was added at cross section RS 11.27 to model the deck and building. An obstruction width of 48 feet at an elevation of 35.2 ft was used to model the house and an obstruction width of 22 feet at an elevation of 22 feet was used to model the deck and dock structures.

(5) Verify the run including the obstacles does not obstruct flows or cause more than a 0.01 foot rise in 100-year flood elevation of the Santa Fe River.

Calculations show no obstruction of flow and the water surface elevations for all three runs show no more than a 0.01 foot increase, therefore a zero rise is achieved per SRWMD rule 40B-4.3030(9). The Profile Summary Output Table in the attached report shows summary of calculations. Under "plan" column, "Org" shows the original run, "Existing XS" shows results after new XS was added and "Development" shows results after the obstruction was placed to model the proposed development.

If you have any questions or require additional information, please contact me at your convenience.

Thank you,

Brett A. Crews, PE

CES

Crews Engineering Services, LLC

SALLIE FORD

ZERO RISE CERTIFICATION PACKAGE

HOUSE, DECK & DOCK

7-26-2011

Brett A. Crews, P.E. 65592
Crews Engineering Services, LLC
PO Box 970
Lake City, FL 32056
Ph. 386.623.4303
Auth # 28022
brett@crewsengineeringservices.com

CES
Crews Engineering Services, LLC

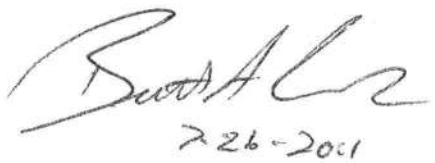
Crews Engineering Services, LLC
P.O. Box 970
Lake City, FL 32056
Ph: 386.623.4303
brett@crewsengineeringservices.com

July 26, 2011

Zero Rise Certification

Client / Owner:	Sallie Ford
Property Description:	Lot 6, Wilson Acres Section 1, Township 7 South, Range 15 East Columbia County, FL
Structure in Floodway:	30' x 70' House (with 6'x70' deck and 12'x70' deck connected), 10' x 20' Deck and 10'x12' Dock
River Mile:	11.27
Elevation of 100 yr flood:	34.2 ft
Community Panel:	12023C 0467C

I hereby certify that construction of the proposed residence will not obstruct flow or cause more than a 0.01 ft rise in the 100-year flood elevation of the Santa Fe River.



Brett A. Crews, PE 65592

TABLE OF CONTENTS

Columbia County Property Appraiser

J. Doyle Crews - Lake City, Florida 32055 | 386-758-1083

PARCEL: 01-7S-15-01439-606 - MISC RES (000700)

COMMAT NE COR OF SEC, RUN W 2254.99 FT, S 87.09 FT TO S R/W OF POWELL RD FOR POB, CONT S 1138.29 FT, W 97.17 FT, S 342.86 FT TO MEAN HIGHWATER LINE O

Name: FORD RONALD JR & SALLIE FORD

Site: FORD FEAGLE PL

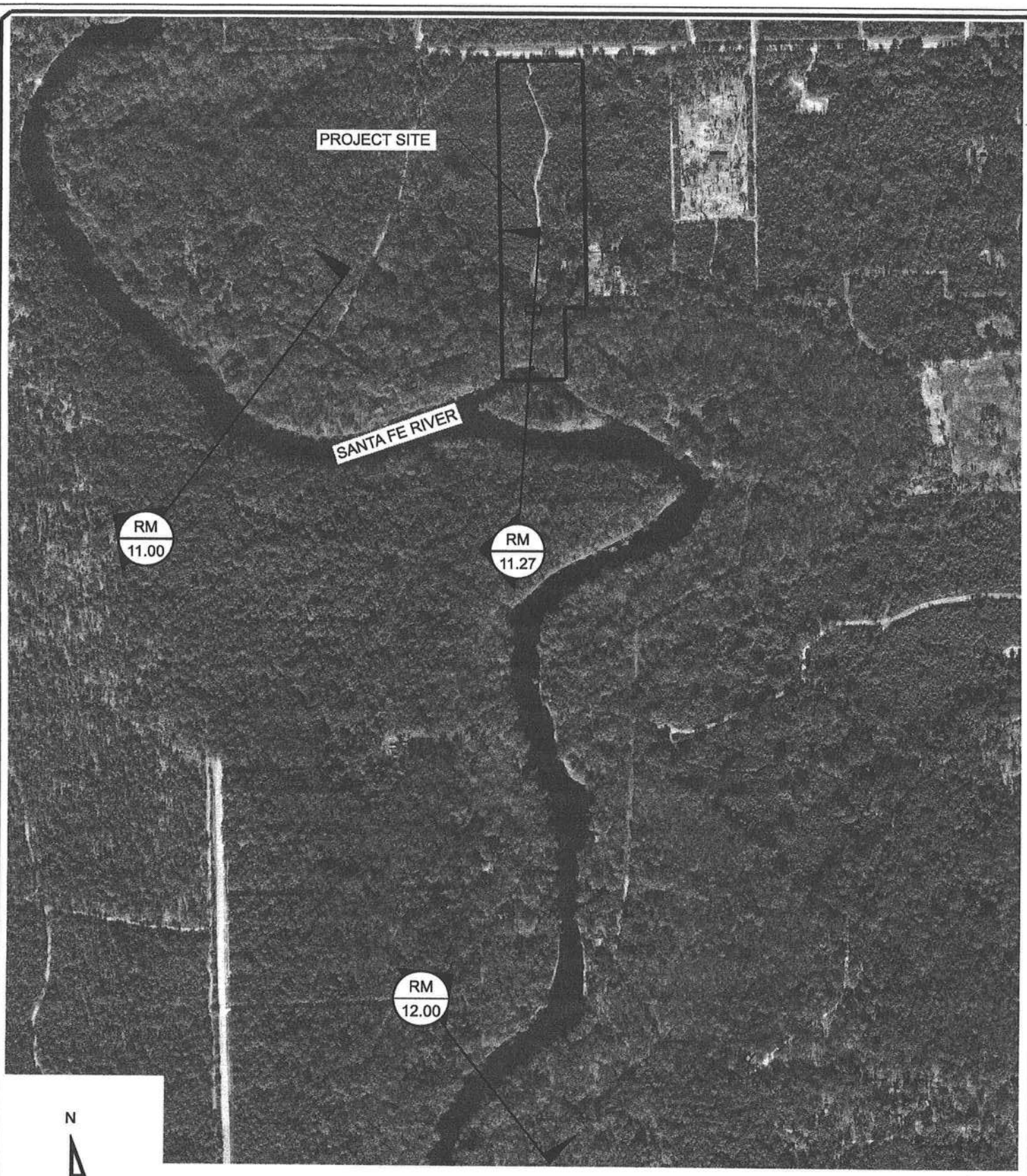
Mail: 571 SW FORD FEAGLE PL
LAKE CITY, FL 32024

Sales Info			
Sales	3/15/2011	$100.00	V / U
Info	9/11/2003	$40,000.00	V / Q

2010 Certified Values

Land	$51,863.00
Bldg	$0.00
Assd	$52,063.00
Exmpt	$0.00
Taxbl	Cnty: $52,063
	Other: $52,063 | Schl: $52,063

NOTES:



CES
Crews Engineering Services, LLC
P.O. BOX 970
LAKE CITY, FL 32056
386.754.4085
BRETT A. CREWS, P.E.

SALLIE FORD FLOODWAY PROJECT

CES PROJECT NO.: 2010-014

CROSS SECTION LOCATION MAP

SHEET: CS1

...\CAD\cross section.dgn 7/26/2011 10:37:33 AM

HEC-RAS River: RIVER-1 Reach: Reach-1 Profile: PF 3

Reach	River Sta	Profile	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Reach-1	14.08	PF 3	Org	16359.00	10.50	35.75		35.82	0.000096	2.51	28530.05	3172.27	0.09
Reach-1	14.08	PF 3	Existing XS	16359.00	10.50	35.75		35.82	0.000096	2.51	28526.22	3171.98	0.09
Reach-1	14.08	PF 3	Development	16359.00	10.50	35.76		35.83	0.000096	2.51	28554.30	3174.11	0.09
Reach-1	13.03	PF 3	Org	16359.00	-5.45	35.42		35.46	0.000047	2.08	40390.76	3897.64	0.07
Reach-1	13.03	PF 3	Existing XS	16359.00	-5.45	35.42		35.46	0.000047	2.08	40385.72	3897.60	0.07
Reach-1	13.03	PF 3	Development	16359.00	-5.45	35.43		35.47	0.000046	2.08	40422.59	3897.92	0.07
Reach-1	11.3	PF 3	Org	16359.00	7.00	35.11		35.14	0.000035	1.71	33330.25	2516.29	0.06
Reach-1	11.3	PF 3	Existing XS	16359.00	7.00	35.11		35.14	0.000035	1.71	33327.29	2516.15	0.06
Reach-1	11.3	PF 3	Development	16359.00	7.00	35.12		35.15	0.000035	1.71	33352.25	2517.30	0.06
Reach-1	11.27	PF 3	Existing XS	16359.00	6.87	35.10		35.13	0.000035	1.72	33437.41	2534.41	0.06
Reach-1	11.27	PF 3	Development	16359.00	6.87	35.11		35.14	0.000037	1.73	32648.12	2487.45	0.06
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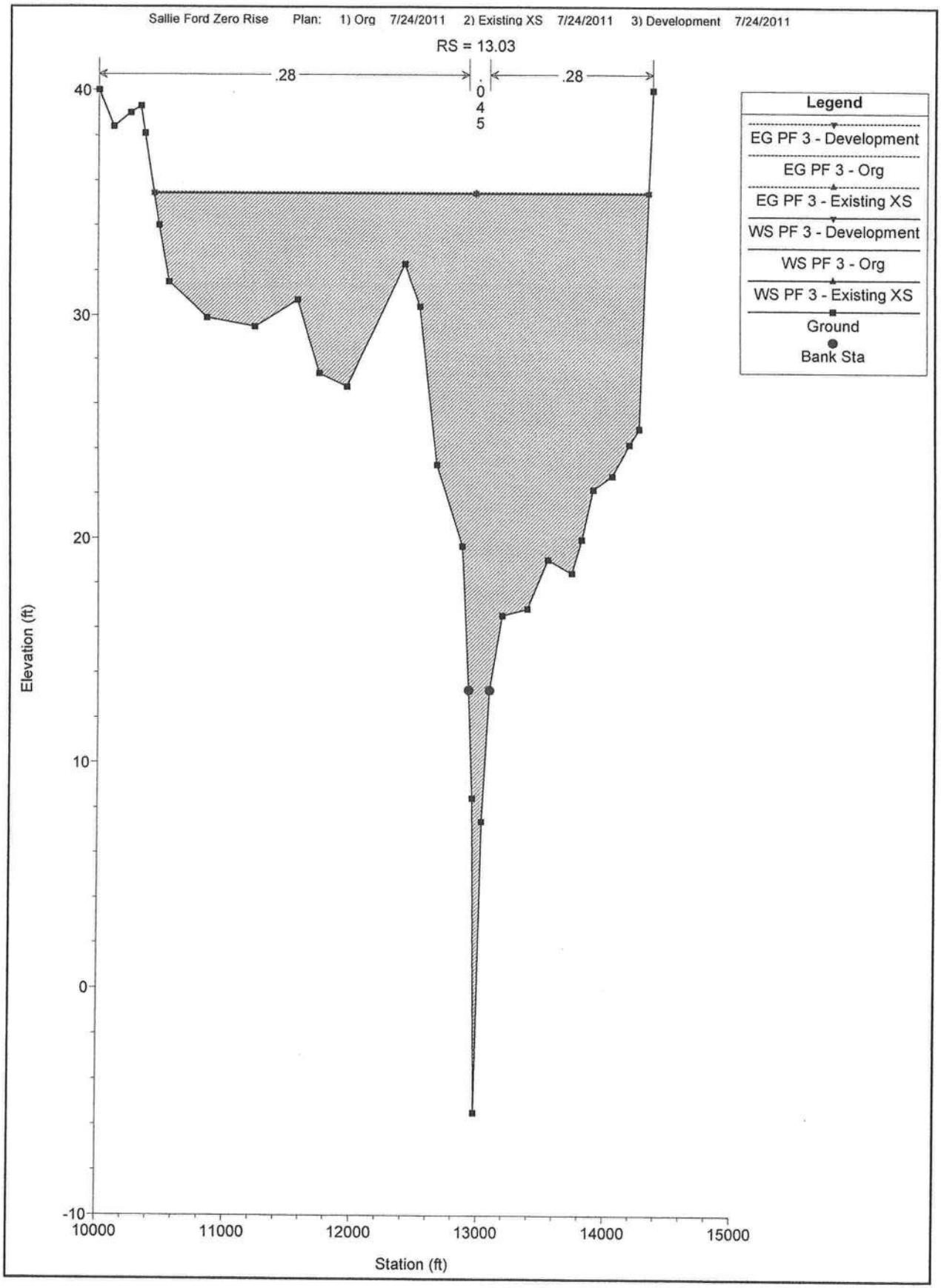
Reach-1	10.06	PF 3	Existing XS	16359.00	1.81	34.76		34.83	0.000070	2.44	21708.98	2585.63	0.08
Reach-1	10.06	PF 3	Development	16359.00	1.81	34.76		34.83	0.000070	2.44	21708.98	2585.63	0.08
Reach-1	8.43	PF 3	Org	16359.00	-1.00	34.25		34.32	0.000059	2.35	35550.68	5680.96	0.08
Reach-1	8.43	PF 3	Existing XS	16359.00	-1.00	34.25		34.32	0.000059	2.35	35550.68	5680.96	0.08
Reach-1	8.43	PF 3	Development	16359.00	-1.00	34.25		34.32	0.000059	2.35	35550.68	5680.96	0.08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.045
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Legend
EG PF 3 - Development
EG PF 3 - Org
EG PF 3 - Existing XS
WS PF 3 - Development
WS PF 3 - Org
WS PF 3 - Existing XS
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Elevation (ft)
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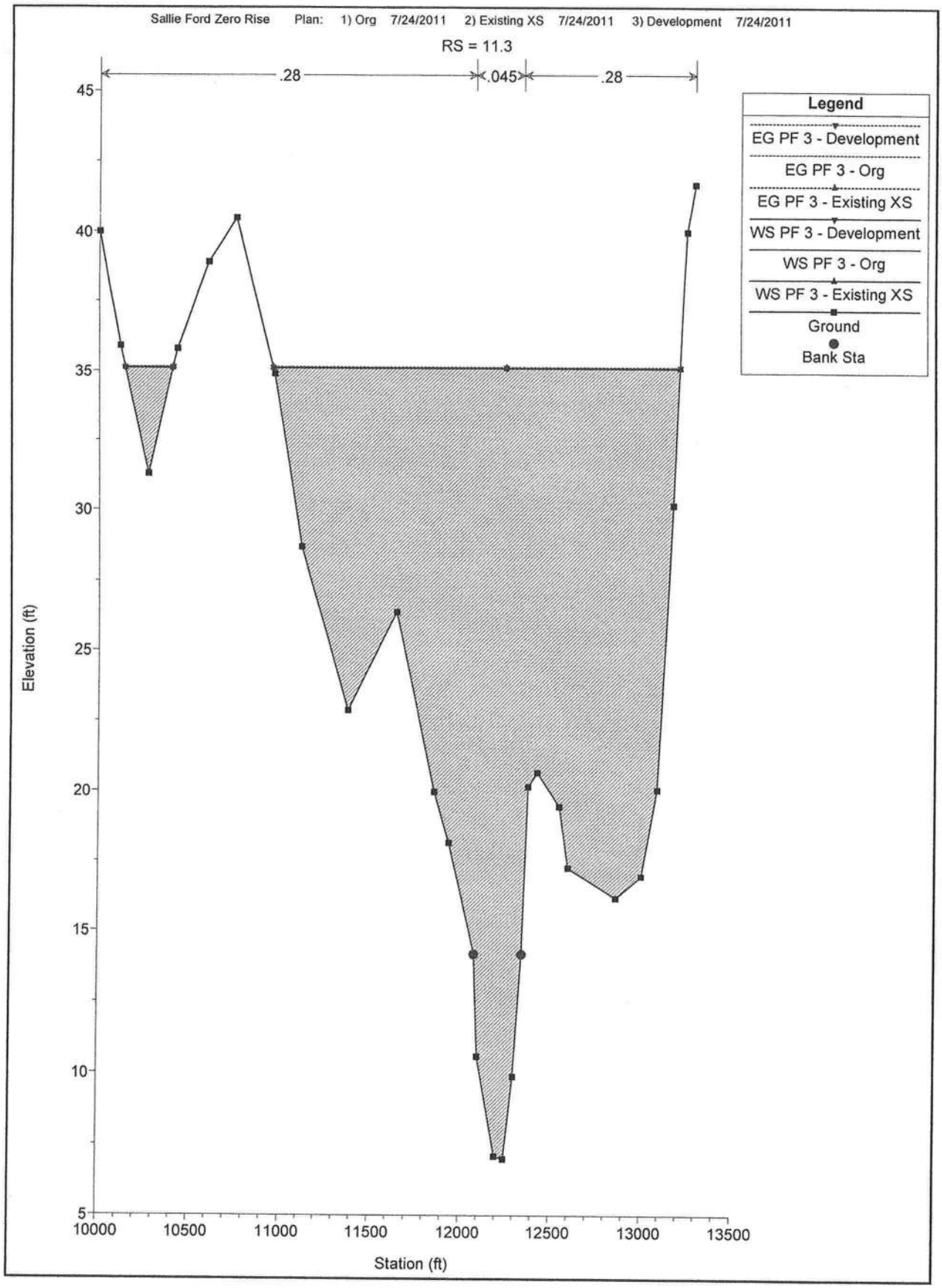
Station (ft)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EG PF 3 - Org
EG PF 3 - Existing XS
WS PF 3 - Development
WS PF 3 - Org
WS PF 3 - Existing XS
Ground
Bank Sta
Elevation (ft)
Station (ft)
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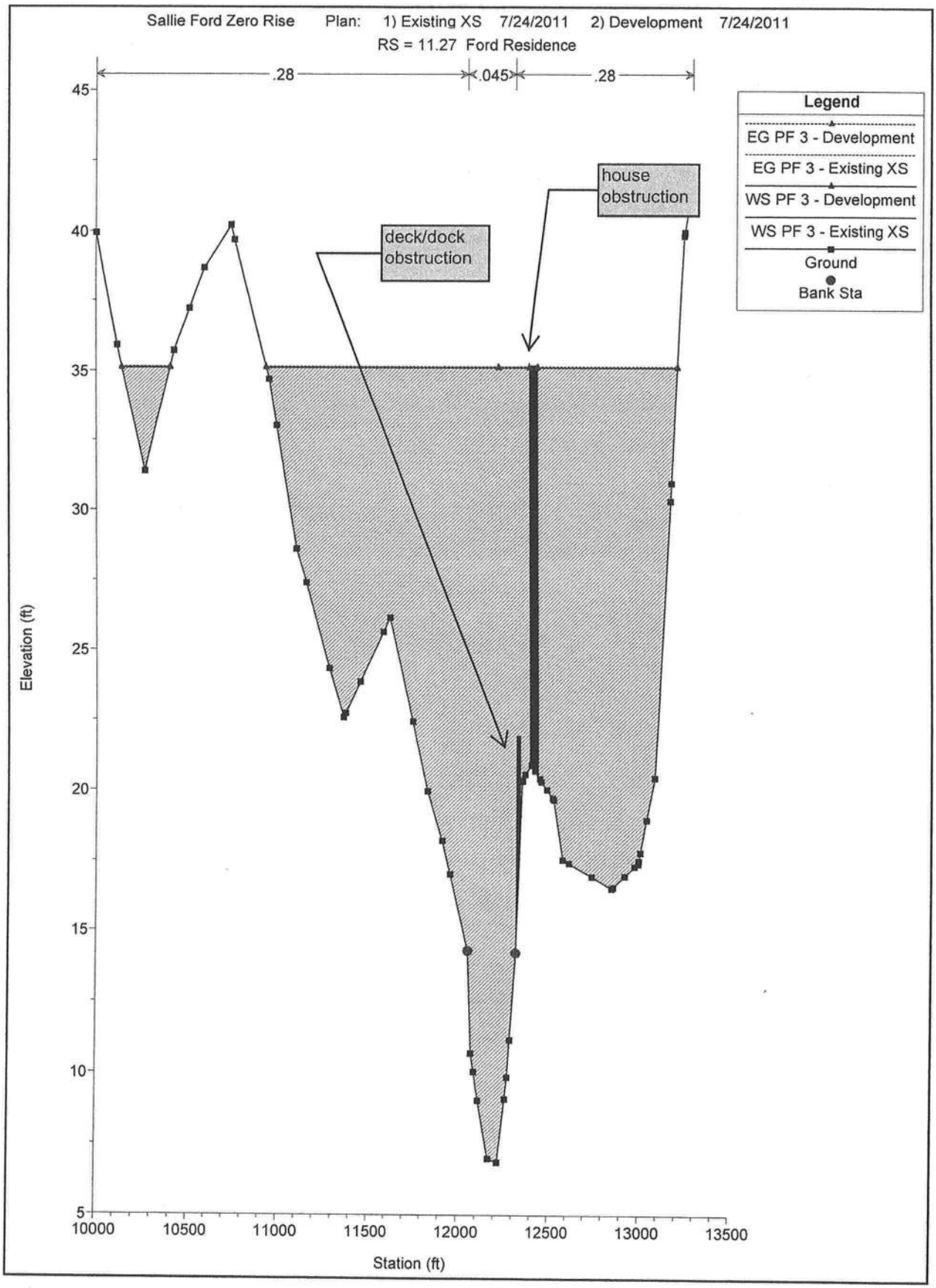
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house obstruction
deck/dock obstruction
Legend
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EG PF 3 - Existing XS
WS PF 3 - Development
WS PF 3 - Existing XS
Ground
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Station (ft)
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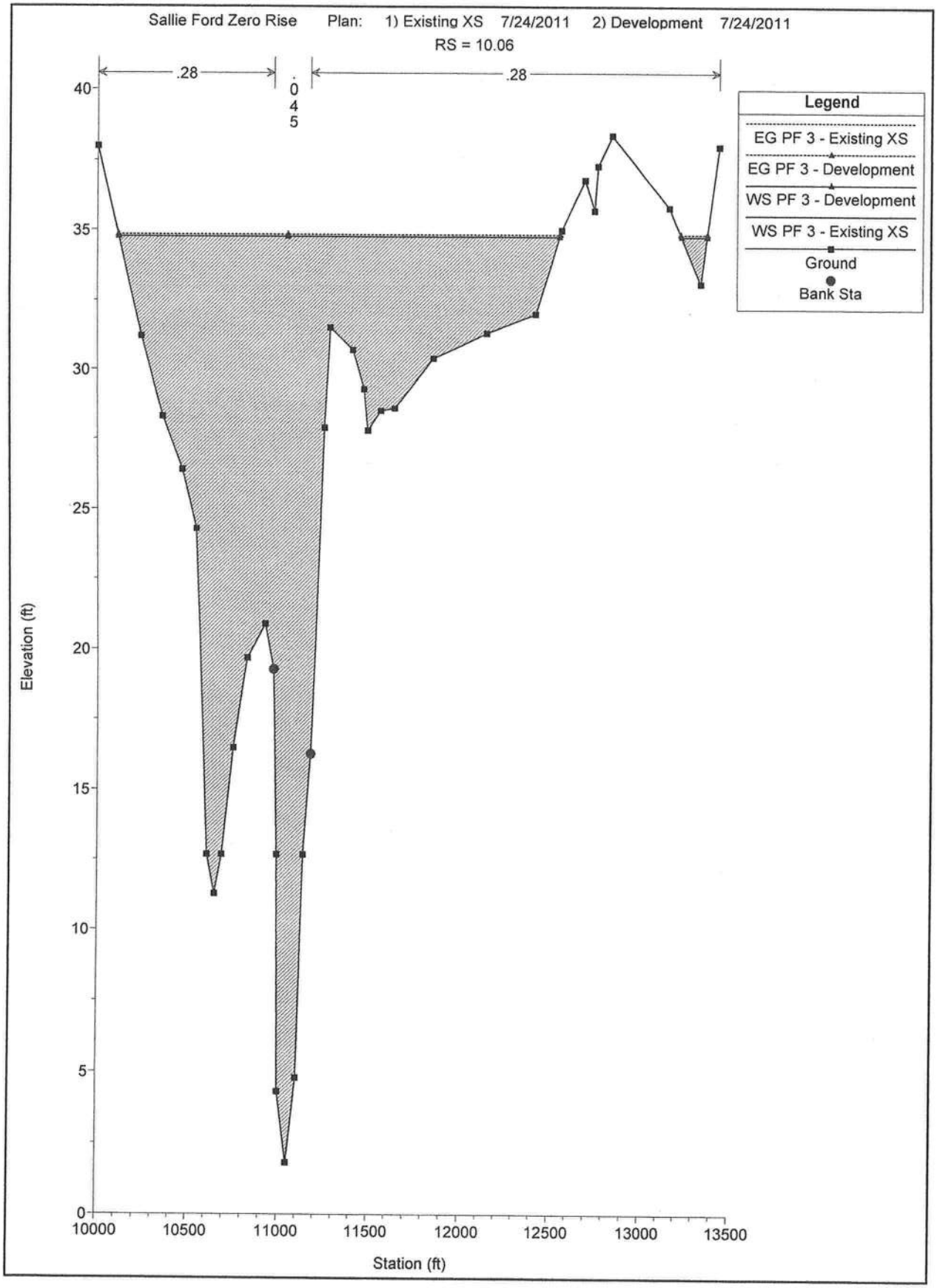
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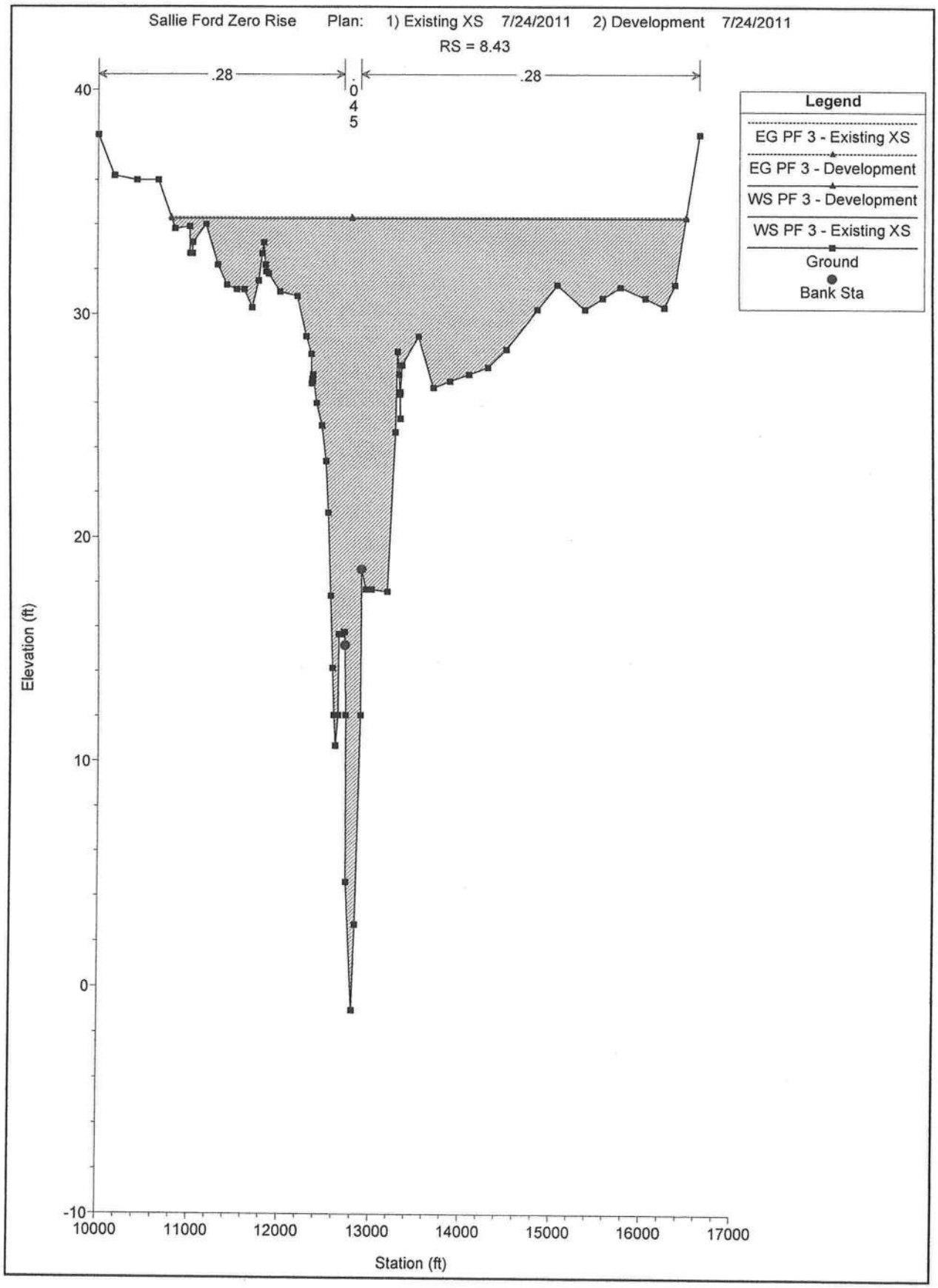
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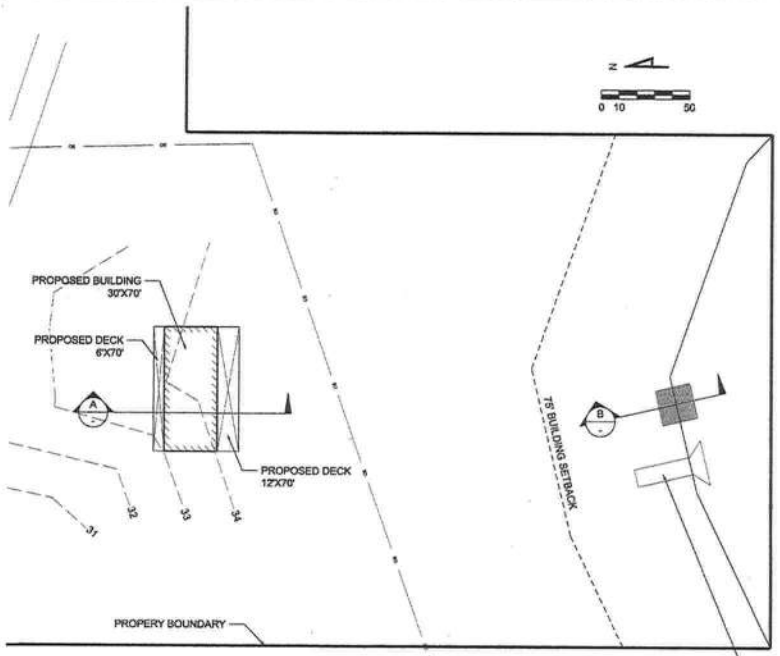

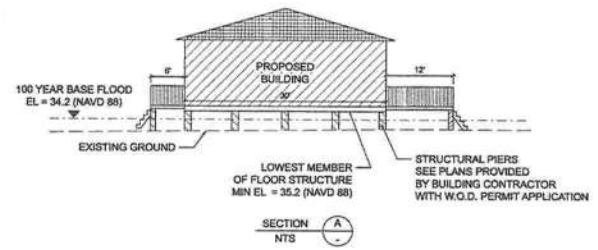

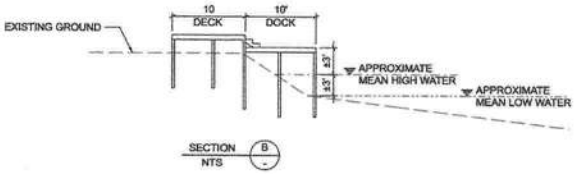

NOTES:

1. EXISTING BOUNDARY AND TOPOGRAPHICAL INFORMATION BASED ON SURVEY PREPARED BY WILLIAM N. KITCHEN PROFESSIONAL SURVEYOR AND MAPPER, DATED JULY 11, 2008
2. AREA UNDER BUILDING SHALL REMAIN OPEN TO ALLOW UNOBSTRUCTED FLOW OF FLOODWAY WATERS. NO SKIRTING, LATICE OR OTHER MATERIALS SHALL BE PLACED AROUND BUILDING BELOW THE FLOOR STRUCTURE.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

CES
Crews Engineering Services, LLC

CERTIFICATE OF AUTHORIZATION NO. 28022
P.O. BOX 970
LAKE CITY, FL 32056
PHONE: 386.754.4885

Brett A. Crews, P.E. 65592

7-26-2011

DRAWN BY: BC	**SALLIE FORD FLOODWAY PROJECT**	CES PROJECT NO.:	2011-014
APPROVED BY: BC	**SITE PLAN AND SECTIONS**	SHEET:	S2

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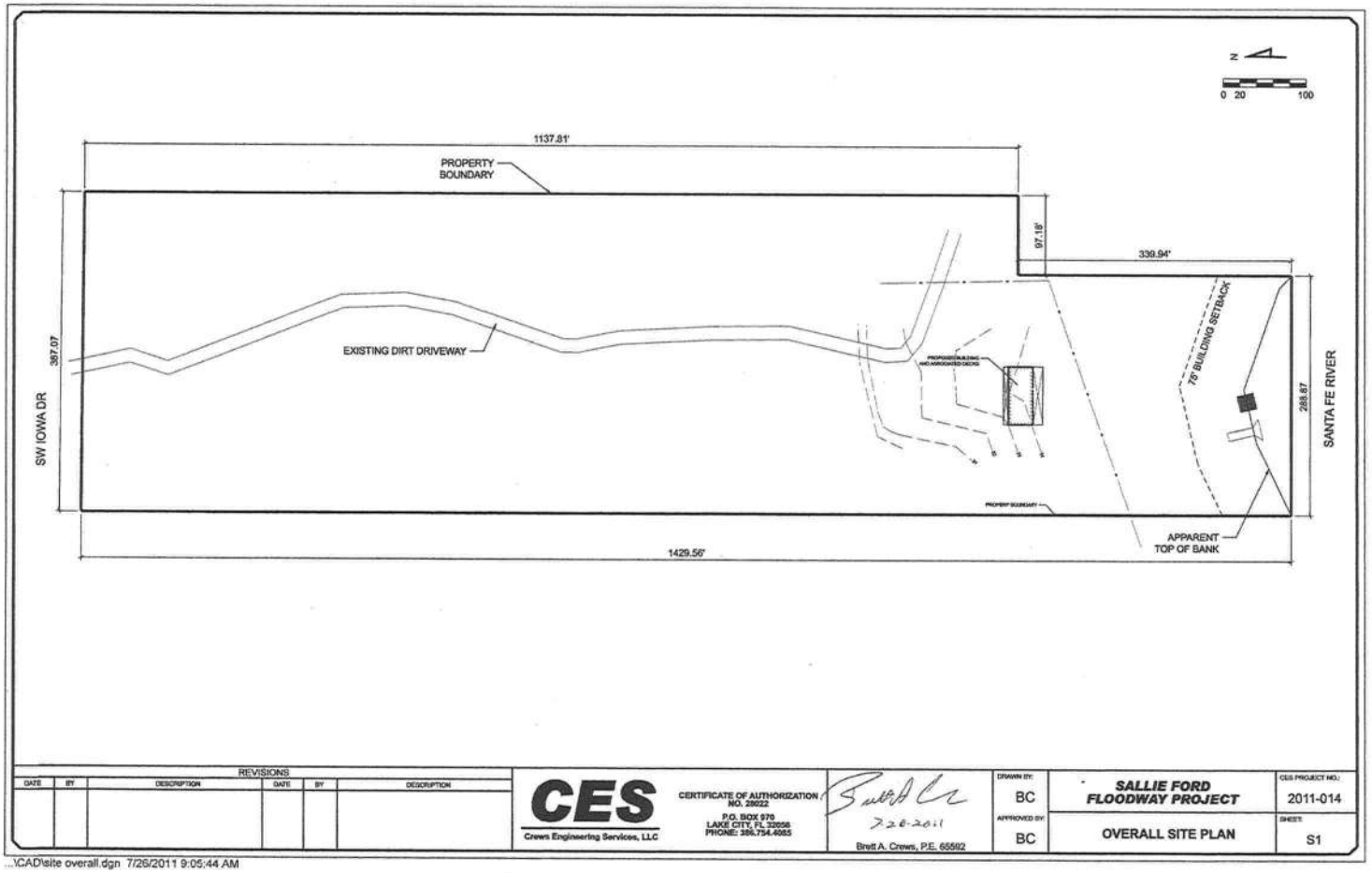

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

CES
Crews Engineering Services, LLC
CERTIFICATE OF AUTHORIZATION NO. 29022
P.O. BOX 970
LAKE CITY, FL 32056
PHONE: 386.754.4085

Brett A. Crews, P.E. 65592
7-28-2011

DRAWN BY:	APPROVED BY:		CES PROJECT NO.:
BC	BC	**SALLIE FORD FLOODWAY PROJECT**	2011-014
		OVERALL SITE PLAN	SHEET: S1

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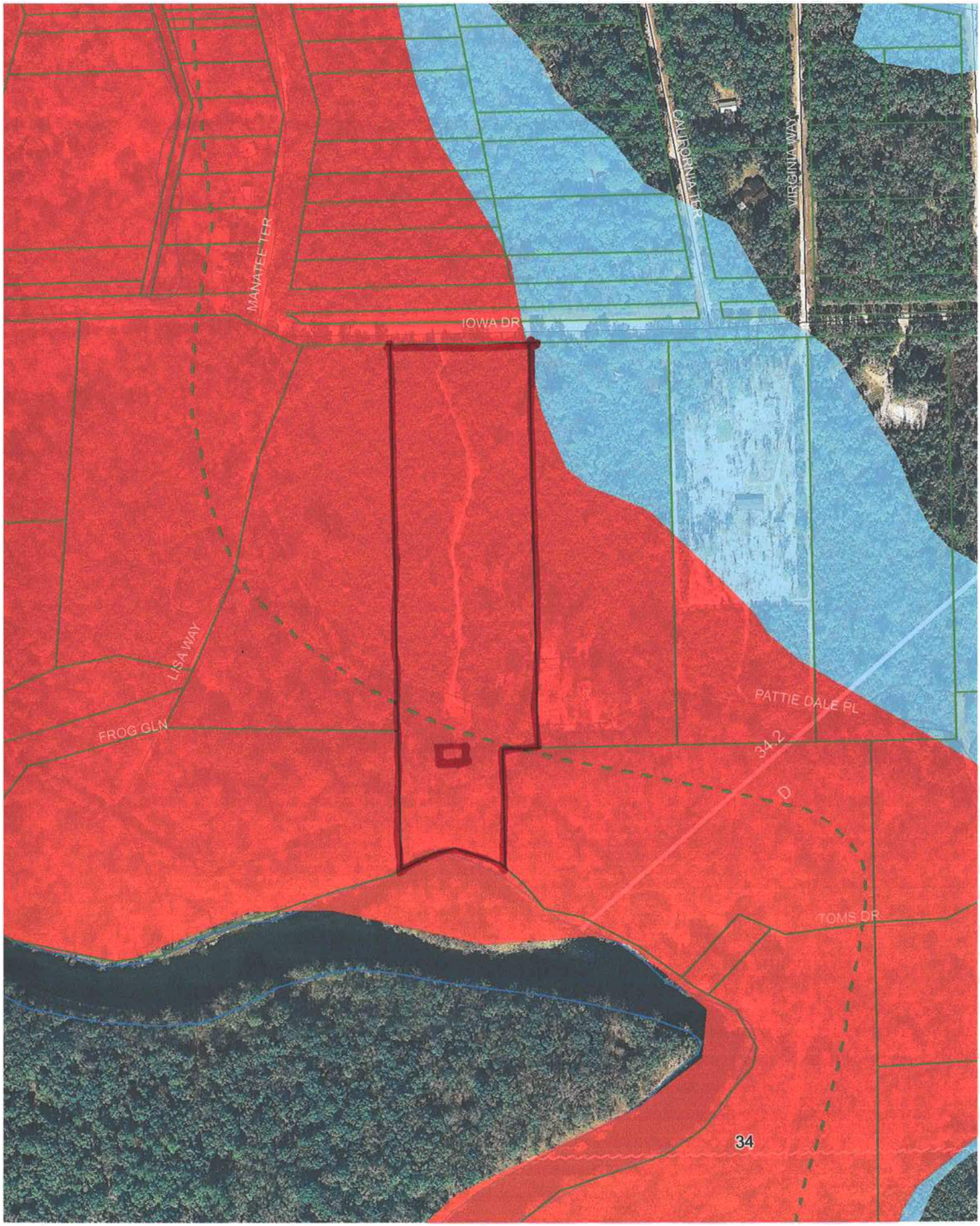
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IOWA DR
CALIFORNIA TER
VIRGINIA WAY
LISA WAY
FROG GLN
PATTIE DALE PL
34-2
TOMS DR
34

1109-03

STATE OF FLORIDA
DEPARTMENT OF HEALTH

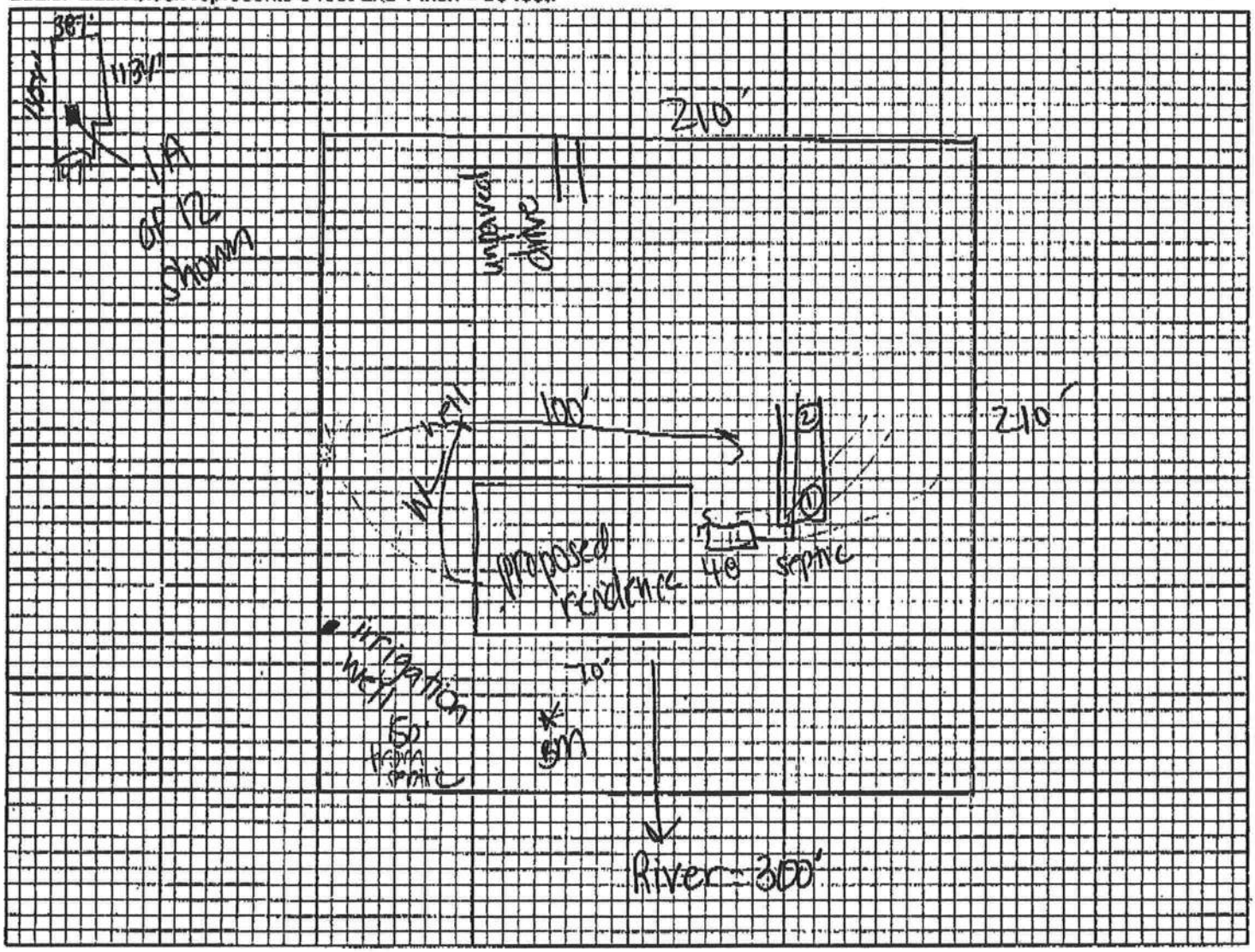
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 11-0355

Sallie Ford permit

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes: _____

Site Plan submitted by: Sallie Ford (Signature) owner (Title)

Plan Approved Y Not Approved _____ Date 9/1/11

By _____ Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/08 (Replaces HRS-R Form 4015 which may be used)
(Stock Number: 6744-002-4015-6)

11-0355

STATE OF FLORIDA
DEPARTMENT OF HEALTH
ON-SITE SEWAGE DISPOSAL SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT

PERMIT NO. 1844562
DATE PAID: 8/16/11
FEE PAID: 320.00
RECEIPT #: 1169298

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

APPLICANT: Ronald and Sallie Ford

AGENT: Same TELEPHONE: 755-6288

MAILING ADDRESS: 116 NW Lawtey Way
Lake City, FL 32055

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.

PROPERTY INFORMATION

LOT: 6 BLOCK: ______ SUBDIVISION: Wilson Acres PLATTED: Unrec.

PROPERTY ID #: 01-7S-15-01439-606 ZONING: Res. I/M OR EQUIVALENT: (Y / (N))

PROPERTY SIZE: 12.0 ACRES WATER SUPPLY: [✓] PRIVATE PUBLIC [ ]<=2000GPD [ ]>2000GPD

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

PROPERTY ADDRESS: 574 SW Iowa Drive Fort White, FL 32038

DIRECTIONS TO PROPERTY: 47 South to Fort White. R on Wilson Springs Rd. Go straight across to Iowa Drive at Pope's Store. 1/4 mi. to limerock drive on left #574

BUILDING INFORMATION [X] RESIDENTIAL [ ] COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sq Ft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	SFR	3	2100	
2				
3				
4				

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

SIGNATURE: Sallie Ford DATE: 8-15-11

DH 4015, 10/97 – Page 1 (Previous editions may be used)
Stock Number: 5744-001-4015-1

Inst 201112004392 Date 3/24/2011 Time 3:53 PM
Doc Stamp-Deed:0.70
DC,P DeWitt Cason,Columbia County Page 1 of 3 B:1211 P:2337

Recording requested by: Ronald Ford Jr.

When recorded, mail to:

Name: Ronald Ford Jr.

Address: 571 SW Ford Feagle Place

City/State/Zip: Lake City, FL 32024

Space above reserved for use by Recorder's Office

Document prepared by:

Name Ronald Ford Jr.

Address 571 SW Ford Feagle Place

City/State/Zip Lake City, FL 32024

Property Tax Parcel/Account Number: 01-7S-15-01439-6006

Quitclaim Deed

This Quitclaim Deed is made on MARCH 15, 2011, between Ronald Ford Sr. and Ronald Ford Jr., Grantor, of 571 SW Ford Feagle Place, City of Lake City, State of Florida, and Ronald Ford Jr. and Sallie Ford, Grantee, of 571 SW Ford Feagle Place, City of Lake City, State of Florida.

For valuable consideration, the Grantor hereby quitclaims and transfers all right, title, and interest held by the Grantor in the following described real estate and improvements to the Grantee, and his or her heirs and assigns, to have and hold forever, located at Iowa Drive, City of Fort White, State of Florida:

See exhibit A

Subject to all easements, rights of way, protective covenants, and mineral reservations of record, if any. Taxes for the tax year of 2011 shall be prorated between the Grantor and Grantee as of the date of recording of this deed.

Dated: March 15, 2011

+ Ronald C Ford Sr
Signature of Grantor

RONALD C FORD Sr
Name of Grantor

Stacy McRae
Signature of Witness #1

Stacy McRae
Printed Name of Witness #1

M Virginia Tiner
Signature of Witness #2

M Virginia Tiner
Printed Name of Witness #2

State of Florida County of Columbia

On March 15, 2011, the Grantor, _____,

personally came before me and, being duly sworn, did state and prove that he/she is the person described in the above document and that he/she signed the above document in my presence.

M Virginia Tiner
Notary Signature

M. VIRGINIA TINER
Comm# DD0721261
Expires 11/29/2011
Florida Notary Assn., Inc

Notary Public,
In and for the County of Columbia State of Florida
My commission expires: _____ Seal

Send all tax statements to Grantee.

EXHIBIT "A"

WILSON ACRES -- PARCEL 6

A PARCEL OF LAND IN SECTION 1, TOWNSHIP 7 SOUTH, RANGE 15 EAST, COLUMBIA COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHEAST CORNER OF SECTION 1, TOWNSHIP 7 SOUTH, RANGE 15 EAST, COLUMBIA COUNTY, FLORIDA AND RUN SOUTH 89°28'24" WEST ALONG THE NORTH LINE OF SAID SECTION 1 A DISTANCE OF 2254.99 FEET; THENCE SOUTH 00°15'08" EAST A DISTANCE OF 87.09 FEET TO THE POINT OF BEGINNING, SAID POINT ALSO BEING A POINT ON THE SOUTHERLY MAINTAINED RIGHT-OF-WAY LINE OF POWELL ROAD (A GRADED ROAD); THENCE CONTINUE SOUTH 00°15'08" EAST A DISTANCE OF 1138.29 FEET; THENCE SOUTH 89°44'52" WEST A DISTANCE OF 97.17 FEET; THENCE SOUTH 00°37'26" WEST A DISTANCE OF 342.86 FEET TO A POINT ON THE APPROXIMATE MEAN HIGHWATER LINE OF THE SANTA FE RIVER; THENCE NORTHWESTERLY ALONG THE MEANDER LINE OF SAID APPROXIMATE MEAN HIGHWATER LINE OF THE SANTA FE RIVER A DISTANCE OF 312 FEET, MORE OR LESS; THENCE NORTH 00°15'08" WEST A DISTANCE OF 1429.78 FEET TO A POINT ON THE SOUTHERLY MAINTAINED RIGHT-OF-WAY LINE OF POWELL ROAD (A GRADED ROAD); THENCE EASTERLY ALONG SAID SOUTHERLY MAINTAINED RIGHT-OF-WAY LINE OF POWELL ROAD (A GRADED ROAD) A DISTANCE OF 387.00 FEET TO THE POINT OF BEGINNING.

Inst:2003013640 Date:09/11/2003 Time:08:45
Doc Stamp-Deed : 280.00
mk DC,P.DeWitt Cason,Columbia County B:994 P:1059

Subterranean Termite Treatment Builder's Certification and Guarantee

This form is completed by the builder.

This form is submitted for proposed (new) construction cases when treatment for prevention of subterranean termite infestation is specified by the builder or architect, or required by the lender, FHA or VA. Treatment for the purposes of this form means application of soil termiticide, and/or wood treatment, and/or installation of bait systems. Any treatment must be done in accordance with applicable federal and state requirements.

This form is to be completed and issued by the builder to the buyer. It is not to be considered as a waiver of, or in place of, any legal rights or remedies that the buyer may have against the builder.

FHA/VA Case No.: _____

Location of Structure(s) *(Street Address, or Legal Description, City, State and Zip)*: 574 SW Iowa Drive Ft White Fl 32038

Buyer's Name: RONALD JR AND SALLIE FORD

The undersigned builder hereby certifies that a state licensed or otherwise authorized pest control company (where required by state law) was contracted to treat the property at the location referenced above for subterranean termites. The builder further certifies that the contract with the pest control company required the treatment materials and methods used to be in conformance with all applicable state and federal requirements. All work required by the contract has been completed. Where not prohibited by applicable state requirements, the buyer, for an additional fee payable to the pest control company, may extend the protection against subterranean termites. Contact the pest control company listed on the attachment for further information.

The builder hereby guarantees that, if subterranean termite infestation should occur within one year from the date of final closing, the builder will ensure that a licensed or otherwise state authorized pest control company (where required by state law) or other qualified licensed pest control company will further treat as necessary in the infested area to control infestations in the structure. This further treatment will be without cost to the buyer. If permitted by state law, the buyer may contract directly, at the buyer's expense, with a pest control company to inspect the property on a periodic basis and/or use EPA registered products to control the infestation. The builder will not be responsible for guaranteeing such additional treatment. The builder further agrees to repair all damage by subterranean termites within the one year builder's warranty period. This guarantee does not apply to additions or alterations that are made by the buyer which affect the original structure or treatment. Examples include, but are not limited to, landscape and mulch alterations which disturb the treated area and create new subterranean termite hazards, or interfere with the control measures.

If within the guarantee period the builder questions the validity of a claim by the buyer, the claim will be investigated by an unbiased expert mutually agreeable to the buyer and builder. The report of the expert will be accepted as the basis for disposition of the case. The non-prevailing party will pay the cost of any inspections made to investigate the claim. For further information contact your state structural pest control regulatory agency.

Type of Treatment: ☐ Bait System ☐ Wood ☒ Soil (NPCA-99b required)

Note: Appropriate treatment record must be attached and listed

Attachments: _____

Builder's Company Name: EDGLEY CONSTRUCTION Phone No.: 386-752-0580

Authorized Signature: Douglas E Edgley Date: 9-1-11

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Consumer Maintenance Advisory regarding Integrated Pest Management for Prevention of Wood Destroying Insects

Information regarding prevention of wood destroying insect infestation is helpful to any property owner interested in protecting the structure from infestation. Any structure can be attacked by wood destroying insects. Periodic maintenance should include measures to minimize possibilities of infestation in and around a structure. Factors which may lead to infestation from wood destroying insects include foam insulation at foundation, earth-wood contact, faulty grade, firewood against structure, insufficient ventilation, moisture, wood debris in crawl space, wood mulch, tree branches touching structures, landscape timbers, and wood rot. Should these or other such conditions exist, corrective measures should be taken by the owner in order to reduce the chances of infestations by wood destroying insects, and the need for treatment.

An original and one copy of this guarantee are to be prepared by the builder and sent to the lender. The lender provides one copy to the buyer at closing and includes a copy in the VA loan package or HUD insurance case binder. The builder sends one copy to the licensed pest control company which performed the treatment.

Attached is a copy of the state authorized pest control company's service record.

THIS FORM MAY NOT BE ALTERED.

Form NPCA-99a (1/99)

Forms VA-26-8375 and HUD-92052 are obsolete after 5/31/97

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: 5/19/2011 **DATE ISSUED:** 5/24/2011

ENHANCED 9-1-1 ADDRESS:

574 SW IOWA DR

FORT WHITE FL 32038

PROPERTY APPRAISER PARCEL NUMBER:

01-7S-15-01439-606

Remarks:

ADDRESS FOR PROPOSED STRUCTURE ON PARCEL. NOTE: 2ND LOCATION ON SAME ACCESS, A 3RD WILL REQUIRE NAMING OF PRIVATE ROADWAY AND RE-ADDRESS OF EXISTING LOCATIONS.

Address Issued By: _____

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.

1994

Ford

COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST REQUIRMENTS

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

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

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

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

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

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

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL			Items to Include- Each Box shall be Circled as Applicable		
				Yes	No	N/A
1	Two (2) complete sets of plans containing the following:			✓		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void			✓		
3	Condition space (Sq. Ft.) 2100		Total (Sq. Ft.) under roof 3360	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	✓		
5	Dimensions of all building set backs	✓		
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	✓		
7	Provide a full legal description of property. Warranty Deed	✓		

Wind-load Engineering Summary, calculations and any details required

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
8	Plans or specifications must show compliance with FBCR Chapter 3	IIIIII	IIIII	IIIIII
		YES	NO	N/A
9	Basic wind speed (3-second gust), miles per hour 110 mph	✓		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	✓		
11	Wind importance factor and nature of occupancy	✓		
12	The applicable internal pressure coefficient, Components and Cladding	✓		
13	The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component, cladding materials not specifally designed by the registered design professional.	✓		

Elevations Drawing including:

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

Floor Plan including:

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

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

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

FBCR 403: Foundation Plans

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

FBCR 506: CONCRETE SLAB ON GRADE

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

FBCR 320: PROTECTION AGAINST TERMITES

36	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or submit other approved termite protection methods. Treat Soil around piers & steps. **Protection shall be provided by registered termiticides** See Attached.	✓		

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

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

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

Floor Framing System: First and/or second story

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

48	intermediate of the areas structural panel sheathing			✓
49	Show Draftstopping. Fire caulking and Fire blocking			✓
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 309			✓
51	Provide live and dead load rating of floor framing systems (psf). L 40/10	✓		

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

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

FBCR :ROOF SYSTEMS:

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

FBCR 802:Conventional Roof Framing Layout

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

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

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

FBCR ROOF ASSEMBLIES FRC Chapter 9

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

FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter11 Residential buildings compliance methods. *Two of the required forms are to be submitted, showing dimensions condition area equal to the total condition living space area*

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable YES	NO	N/A
73	Show the insulation R value for the following areas of the structure	✓		
74	Attic space R-38	✓		
75	Exterior wall cavity R-13	✓		
76	Crawl space Foam type Insul. R-15	✓		

HVAC information

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	✓		
78	Exhaust fans locations in bathrooms	✓		
79	Show clothes dryer route and total run of exhaust duct	✓		

Plumbing Fixture layout shown

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

Private Potable Water

82	Pump motor horse power 1 1/2 H.P.	✓		
83	Reservoir pressure tank gallon capacity 86 Gal.	✓		
84	Rating of cycle stop valve if used 30 Gal. per min.	✓		

Electrical layout shown including

85	Switches, outlets/receptacles, lighting and all required GFCI outlets identified	✓		
86	Ceiling fans	✓		
87	Smoke detectors & Carbon dioxide detectors	✓		
88	Service panel, sub-panel, location(s) and total ampere ratings 200 Amp.	✓		
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. Underground	✓		

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

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

Notice Of Commencement

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

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

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

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

Section R101.2.1 of the Florida Building Code Residential:

The provisions of Chapter 1, Florida Building Code, Building 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 applicati 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 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 n 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 effec 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.

When the submitted application is approved for permitting the applican will be notified by phone as to the date and time a building permit will b prepared and issued by the Columbia County Building & Zoning Department

PRODUCT APPROVAL SPECIFICATION SHEET

Location:_____ **Project Name:**_____

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	MASONITE	EXTERIOR DOORS	FL4334-R4
2. Sliding	MI HOME PRO	SLIDING GLASS DOORS	FL11956-R1
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung	ATRIUM	INSULATED WINDOWS	FL 6752-2
2. Horizontal Slider	ATRIUM	INSULATED WINDOWS	FL 7836-1
3. Casement	ATRIUM	INSULATED WINDOWS	FL 8716
4. Double Hung			
5. Fixed	ATRIUM	INSULATED WINDOWS	FL 7834-1
6. Awning			
7. Pass -through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	CERTAINTEED		FL12483
2. Soffits	CERTAINTEED		FL13389
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block	PITTSBURGH CORNING	GLASS BLOCK	FL 1363-R4
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles	CERTAINTEED	ARCH SHINGLES	FL 5444-R2
2. Underlayments	WOODLAND		FL 1814-R4
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen	CERTAINTEED		FL 2533-R3
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11 Wood shingles /shakes			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings	CERTAINTEED	ADHESIVE(BULL)	FL 490-R2
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight	VELOX	SKYLIGHTS	FL 451-R4
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor	SIMPSON	ANCHORS	FL 2355-R3
2. Truss plates	SIMPSON		FL 10655
3. Engineered lumber	WEYHAUSER	ENGINEERED LUMBER	FL 1630-R5
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

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

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

Owner or Authorized Agent Signature

DOUGLAS E EDGLEY

Print Name

Date

Hall's Pump & Well Service, Inc.
904 NW Main Blvd
Lake City, FL. 32055

Notice to All Contractors:

Please be advised that due to the new building codes we will use a large capacity diaphragm tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphragm tank is used then we will install a cycle stop valve which will produce the same results. All wells will have a pump & tank combination that will be sufficient enough for each situation.

If you have any questions please feel free to call our office.

Thank You,

Russell Davis

Russell Davis

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1109-03 CONTRACTOR EDGLEY CONSTRUCTION PHONE 386-752-0580

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

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

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

ELECTRICAL 37	Print Name DONALD HOLLINGSWORTH License #: 13012377	Signature Phone #: 386-755-5944
MECHANICAL/ A/C 138	Print Name LAMAR BOOZER License #: RA0035027	Signature Phone #: 386-752-6700
PLUMBING/ GAS 714	Print Name MARK BARRS License #: CFC057219	Signature Phone #: 386-752-8656
ROOFING 534	Print Name DARIN L SUMMERLIN License #: CCC1326192	Signature Phone #: 386-288-5426
SHEET METAL	Print Name License #:	Signature Phone #:
FIRE SYSTEM/ SPRINKLER	Print Name License#:	Signature Phone #:
SOLAR	Print Name License #:	Signature Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON	000620	BRANT STEVENS	
CONCRETE FINISHER	000028	ALTON "BUTCH" VAUGHN	
FRAMING 602	CRC022354	WILLIAM GUERNSEY	
INSULATION	000240	WILLIAM SIKES	
STUCCO	—	—	—
DRYWALL	001177	JOSEPH AMBROSE	
PLASTER	—	—	—
CABINET INSTALLER	000762	STEVE BORDEAUX ALL Exempt.	
PAINTING	000632	JOHN M BISPHAM	
ACOUSTICAL CEILING	—	—	—
GLASS	000618	CARL BULLARD JR	
CERAMIC TILE	000214	JAMES L RIX JR	
FLOOR COVERING	000546	RYAN HARDING HAB-Exempt	
ALUM/VINYL SIDING (#44)	RC2825113246	Douglas Edgley	
GARAGE DOOR	000619	CARL BULLARD JR	
METAL BLDG ERECTOR	—	—	—

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

iLevel®
by Weyerhaeuser

August 18, 2011

Kevin Jackson
Lake City Industries
250 NW Railroad St.
Lake City, FL 32055

Re: Sealed Calculations

iLevel Tech Call #: 100624
(based on SR-168998)
Ford Residence
574 SW Iowa Drive
Fort White, FL 32088

To whom it may concern:

Enclosed are Forte™ calculations for joist and/or beam applications that have been prepared for the above referenced project based on information provided by **Kevin Jackson – Lake City Industries**. The calculations have been identified in the Job Summary Report and by the date and time in the lower right hand corner of each sheet:

8/18/2011 3:11:37 PM

Many uniformly loaded joist and beam calculations can be verified by referencing the applicable span charts within the appropriate iLevel® product literature. These common conditions covered by span chart literature may not have been addressed via individual calculations within this package.

Each analysis reflects the iLevel® product, depth, and size that can structurally support the input loads shown. The professional engineer's seal on this letter verifies that the analyses presented conform to accepted engineering practices and use code-accepted product design values. Although I have not personally visited the jobsite, we guarantee that our products, as shown in the attached calculations, will support the design loads provided.

All notes and design load information shown on these calculations should be reviewed with the building designer and/or the local code official to ensure that the loads, spans, and other conditions are correct and/or acceptable for the specific application. Building inspectors and/or owners should identify the "TJI® 110", "TJI® 210", "TJI® 230", "TJI® 360", "TJI® 560", "TimberStrand® LSL", "Microllam® LVL", or "Parallam® PSL" markings on iLevel® products to confirm that this letter is valid for the products actually installed.

Please feel free to contact me if there are any questions regarding the analyses; I can be reached at 800-854-5647.

Sincerely,

ADAM B. PITTMAN LICENSE No 66139 STATE OF FLORIDA PROFESSIONAL ENGINEER

08/18/11

Adam B. Pittman, PE
East Division Engineer

3 pages attached

iLevel Forte software

JOB SUMMARY REPORT
100624.4te

01: 1st Floor			
Member Name	**Results**	**Current Solution**	**Errors**
F16' (i4734)	Passed	1 Piece(s) 11 7/8" TJI® 210 @ 16" OC	
F16'-2 (i4709)	Passed	2 Piece(s) 11 7/8" TJI® 210 @ 16" OC	

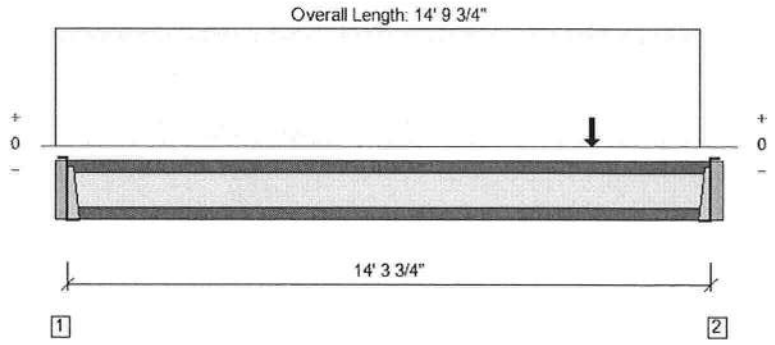
Forte Software Operator	Job Notes
Adam Pittman, P.E. iLevel by Weyerhaeuser (800) 854-5647 adam.pittman@weyerhaeuser.com	Tech Call #100624 (based on SR-166998) Ford Residence 574 SW Iowa Drive Fort White, FL 32088

iLevel Forte software

MEMBER REPORT *1st Floor, F16' (i4734)*

PASSED

1 piece(s) 11 7/8" TJI® 210 @ 16" OC



All Dimensions Are Horizontal;Drawing is Conceptual

Design Results	Actual @ Location	Allowed	Result	LDF	Load Combination(Load Pattern)
Member Reaction (lbs)	527 @ 14' 6 3/4"	1460	Passed (36%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	527 @ 14' 6 3/4"	1655	Passed (32%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	1817 @ 7' 7 5/8"	3795	Passed (48%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.154 @ 7' 4 7/8"	0.358	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.207 @ 7' 5 5/8"	0.716	Passed (L/830)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	47	25	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Bracing (Lu): All compression edges (top and bottom) must be braced at 4' 8 3/4" o/c unless detailed otherwise. Proper attachment and positioning of lateral bracing is required to achieve member stability.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: None

Supports	Bearing			Support Reactions (lbs)						Accessories
	Total	Available	Required	Dead	Floor Live	Roof Live	Snow	Wind	Seismic	
1 - 11 7/8" Beam - Southern Pine	3.00"	Hanger	--	114	395	0	0	0	0	None
2 - 11 7/8" Beam - Southern Pine	3.00"	Hanger	--	159	368	0	0	0	0	None

Connector: Simpson Strong-Tie Connectors					
Support	Model	Top Nails	Face Nails	Member Nails	Accessories
1 - Top Mount Hanger	ITS2.06/11.88	4-10d x 1-1/2	2-10d x 1-1/2	N/A	
2 - Top Mount Hanger	ITS2.06/11.88	4-10d x 1-1/2	2-10d x 1-1/2	N/A	

Loads	Location	Spacing	Dead (0.90)	Floor Live (1.00)	Roof Live (non-snow: 1.25)	Snow (1.15)	Wind (1.60)	Seismic (1.60)	Comments
1 - Uniform(PLF)	0 to 14' 3 3/4"	N/A	13.3	53.3	0.0	0.0	0.0	0.0	FC1 Floor Decking
2 - Point(lb)	11' 10 3/4"	N/A	82	0	0	0	0	0	NB8(i1233)

iLEVEL® Notes

iLevel® warrants that the sizing of its products will be in accordance with iLevel® product design criteria and published design values. iLevel® expressly disclaims any other warranties related to the software. Refer to current iLevel® literature for installation details. (www.iLevel.com) Accessories (Rim Board, Blocking Panels and Squash Blocks) are not designed by this software. Use of this software is not intended to circumvent the need for a design professional as determined by the authority having jurisdiction. The designer of record, builder or framer is responsible to assure that this calculation is compatible with the overall project. iLevel® products manufactured at Weyerhaeuser facilities are third-party certified to sustainable forestry standards.

The product application, input design loads, dimensions and support information have been provided by Kevin Jackson with Lake City Industries.

SUSTAINABLE FORESTRY INITIATIVE

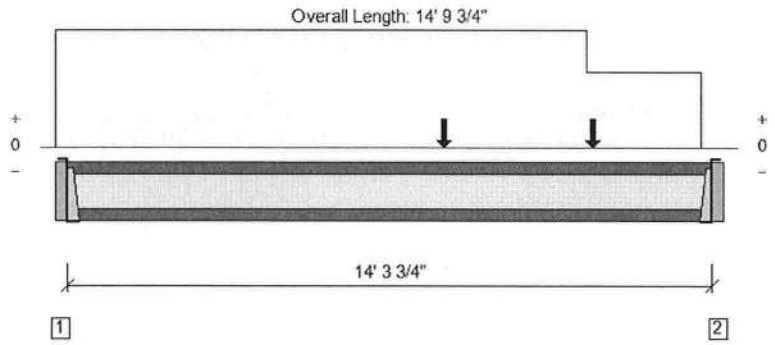
Forte Software Operator	Job Notes
Adam Pittman, P.E. iLevel by Weyerhaeuser (800) 854-5647 adam.pittman@weyerhaeuser.com	Tech Call #100624 (based on SR-168998) Ford Residence 574 SW Iowa Drive Fort White, FL 32038

iLevel Forte software

MEMBER REPORT *1st Floor, F16'-2 (i4709)*

PASSED

2 piece(s) 11 7/8" TJI® 210 @ 16" OC



All Dimensions Are Horizontal;Drawing is Conceptual

Design Results	Actual @ Location	Allowed	Result	LDF	Load Combination(Load Pattern)
Member Reaction (lbs)	781 @ 3"	2920	Passed (27%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	781 @ 3"	3310	Passed (24%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	2951 @ 7' 9 5/8"	7590	Passed (39%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.083 @ 7' 4 7/8"	0.477	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.177 @ 7' 5 3/8"	0.716	Passed (L/969)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	58	25	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC
Design Methodology : ASD

- Deflection criteria: LL (L/360) and TL (L/240).
- Bracing (Lu): All compression edges (top and bottom) must be braced at 5' 3" o/c unless detailed otherwise. Proper attachment and positioning of lateral bracing is required to achieve member stability.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: None

Supports	Bearing			Support Reactions (lbs)						Accessories
	Total	Available	Required	Dead	Floor Live	Roof Live	Snow	Wind	Seismic	
1 - 11 7/8" Beam - Southern Pine	3.00"	Hanger	--	412	395	0	0	0	0	None
2 - 11 7/8" Beam - Southern Pine	3.00"	Hanger	--	384	368	0	0	0	0	None

Connector: Simpson Strong-Tie Connectors					
Support	Model	Top Nails	Face Nails	Member Nails	Accessories
1 - Top Mount Hanger	MIT4.28/11.88	4-10d x 1-1/2	4-10d x 1-1/2	2-10d x 1-1/2	
2 - Top Mount Hanger	MIT4.28/11.88	4-10d x 1-1/2	4-10d x 1-1/2	2-10d x 1-1/2	

Loads	Location	Spacing	Dead (0.90)	Floor Live (1.00)	Roof Live (non-snow: 1.25)	Snow (1.15)	Wind (1.60)	Seismic (1.60)	Comments
1 - Uniform(PLF)	0 to 14' 3 3/4"	N/A	13.3	53.3	0.0	0.0	0.0	0.0	FC1 Floor Decking
2 - Uniform(PLF)	0 to 11' 9"	N/A	36.8	0.0	0.0	0.0	0.0	0.0	FC1 Floor Decking
3 - Point(lb)	11' 10 3/4"	N/A	90	0	0	0	0	0	NB8(i1233)
4 - Point(lb)	8' 7 1/4"	N/A	83	0	0	0	0	0	NB12(i1465)

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The product application, input design loads, dimensions and support information have been provided by Kevin Jackson with Lake City Industries.

SUSTAINABLE FORESTRY INITIATIVE

Forte Software Operator	Job Notes
Adam Pittman, P.E. iLevel by Weyerhaeuser (800) 854-5647 adam.pittman@weyerhaeuser.com	Tech Call #100624 (based on SR-168998) Ford Residence 574 SW Iowa Drive Fort White, FL 32088

Heating and Air Conditioning Economic Analysis

For Future / Existing Home Of

Ford

Lake City, Fl

Conducted By

Boozer Heat & A. C.

Lake City, Fl 32025
623-0109

Wrightsoft Corporation

Note: Actual costs and savings may differ due to weather, operating conditions, maintenance, and construction.

Project Summary
Entire House
Boozer Heat & A. C.

Job:
Date: 7-20-11
By: AW

Lake City, Fl 32025 Phone: 623-0109

Project Information

For: Lake City, Fl

Notes: New Home

Design Information

Weather: Jacksonville, Cecil Field NAS, FL, US

Winter Design Conditions

Outside db	**25**	°F
Inside db	70	°F
Design TD	45	°F

Summer Design Conditions

Outside db	**97**	°F
Inside db	75	°F
Design TD	22	°F
Daily range	M	
Relative humidity	50	%
Moisture difference	37	gr/lb

Heating Summary

Structure	**24386**	**Btuh**
Ducts	1219	cfm
Central vent (0 cfm)	0	Btuh
Humidification	0	Btuh
Piping	0	Btuh
Equipment load	25606	Btuh

Sensible Cooling Equipment Load Sizing

Structure	**21930**	**Btuh**
Ducts	2072	Btuh
Central vent (0 cfm)	0	Btuh
Blower	0	Btuh
Use manufacturer's data	n	
Rate/swing multiplier	1.02	
Equipment sensible load	24482	Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	2125	2125
Volume (ft³)	18104	18104
Air changes/hour	0.70	0.40
Equiv. AVF (cfm)	211	121

Latent Cooling Equipment Load Sizing

Structure	7624	Btuh
Ducts	0	Btuh
Central vent (0 cfm)	0	Btuh
Equipment latent load	7624	Btuh
Equipment total load	32106	Btuh
Req. total capacity at 0.70 SHR	2.9	ton

Heating Equipment Summary

Make	Ruud
Trade	
Model	
Efficiency	7.2 HSPF
Heating input	
Heating output	35800 Btuh @ 47°F
Temperature rise	28 °F
Actual air flow	1180 cfm
Air flow factor	0.046 cfm/Btuh
Static pressure	0.00 in H2O
Space thermostat	

Cooling Equipment Summary

Make	Ruud
Trade	
Cond	
Coil	
Efficiency	12 EER
Sensible cooling	24780 Btuh
Latent cooling	10620 Btuh
Total cooling	35400 Btuh
Actual air flow	1180 cfm
Air flow factor	0.049 cfm/Btuh
Static pressure	0.00 in H2O
Load sensible heat ratio	0.76

Calculation Procedures A, B, C, D
Entire House
Boozer Heat & A. C.

Job:
Date: 7-20-11
By: AW

Lake City, Fl 32025 Phone: 623-0109

Procedure A - Winter Infiltration HTM Calculation*

1. Winter infiltration AVF
   0.70 ach x 18104 ft³ x 0.0167 = 211 cfm
2. Winter infiltration load
   1.1 x 211 cfm x 45 °F Winter TD = 10455 Btuh
3. Winter infiltration HTM
   10455 Btuh / 60 ft² Total window and door area = 174.3 Btuh/ft²

Procedure B - Summer Infiltration HTM Calculation

1. Summer infiltration AVF
   0.40 ach x 18104 ft³ x 0.0167 = 121 cfm
2. Summer infiltration load
   1.1 x 121 cfm x 22 °F Summer TD = 2921 Btuh
3. Summer infiltration HTM
   2921 Btuh / 60 ft² Total window and door area = 48.7 Btuh/ft²

Procedure C - Latent Infiltration Gain

0.68 x 37 gr/lb moist.diff. x 121 cfm = 3024 Btuh

Procedure D - Equipment Sizing Loads

1. Sensible sizing load

Sensible ventilation load			
1.1 x 0 cfm vent. x 22 °F Summer TD	=	0	Btuh
Sensible load for structure (Line 19)	+	24002	Btuh
Vent + structure + other equip loads	=	24002	Btuh
Rating and temperature swing multiplier	x	1.02	
Equipment sizing load - sensible	=	24482	Btuh

2. Latent sizing load

Latent ventilation load			
0.68 x 0 cfm vent. x 37 gr/lb moist.diff.	=	0	Btuh
Internal loads = 230 Btuh x 20 people	+	4600	Btuh
Infiltration load from Procedure C	+	3024	Btuh
Equipment sizing load - latent	=	7624	Btuh

*Construction Quality is: a No. of Fireplaces is: 0

Right-J Worksheet
Entire House
Boozer Heat & A. C.

Job:
Date: 7-20-11
By: AW

Lake City, Fl 32025 Phone: 623-0109

MANUAL J: 7th Ed.

						Colset 2			BR 2			Bath 1			BR 3		
1	Name of room						0.0 ft			13.0 ft			5.0 ft			13.0 ft	
2	Length of exposed wall					8.0 x	11.0 ft		16.0 x	13.0 ft		12.0 x	5.0 ft		19.0 x	13.0 ft	
3	Room dimensions					8.0 ft	heat/cool		9.0 ft	heat/cool		9.0 ft	heat/cool		9.0 ft	heat/cool	
4	Ceilings	Condit. Option															
	TYPE OF EXPOSURE		CST NO.	HTM Htg	HTM Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg
5	Gross	a	12E3	3.4	1.9	0	****	****	117	****	****	45	****	****	117	****	****
	Exposed	b	13C0	4.1	1.5	64	****	****	144	****	****	0	****	****	171	****	****
	walls and	c		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
	partitions	d		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
		e		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
		f		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
6	Windows and	a	3C0	32.6	**	0	0	****	15	489	****	0	0	****	15	489	****
	glass doors	b		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
	Heating	c		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
		d		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
		e		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
		f		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
7	Windows and		North		16.8	0	****	0	15	****	252	0	****	0	15	****	252
	glass doors		NE/NW		0.0	0	****	0	0	****	0	0	****	0	0	****	0
	Cooling		E/W		0.0	0	****	0	0	****	0	0	****	0	0	****	0
			SE/SW		0.0	0	****	0	0	****	0	0	****	0	0	****	0
			South		0.0	0	****	0	0	****	0	0	****	0	0	****	0
			Horz		0.0	0	****	0	0	****	0	0	****	0	0	****	0
8	Other doors	a		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
9	Net	a	12E3	3.4	1.9	0	0	0	102	344	196	45	152	86	102	344	196
	exposed	b	13C0	4.1	1.5	64	259	98	144	583	220	0	0	0	171	693	262
	walls and	c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	partitions	d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
10	Ceilings	a	16G0	1.5	1.5	88	131	134	208	309	316	60	89	91	247	367	375
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
11	Floors	a	19I0	1.1	0.0	88	95	0	208	225	0	60	65	0	247	267	0
	(Note: room	b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	perimeter	c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	is displ.	d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	for slab	e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	floors)	f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
12	Infiltration	a		174	48.7	0	0	0	15	2614	730	0	0	0	15	2614	730
	Ventilation						0	0		0	0		0	0		0	0
13	Subtotal loss=6+8..+11+12					****	485	****	****	4564	****	****	306	****	****	4773	****
	Less external heating					****	0	****	****	0	****	****	0	****	****	0	****
	Less transfer					****	0	****	****	0	****	****	0	****	****	0	****
	Heating redistribution					****	0	****	****	0	****	****	0	****	****	0	****
14	Duct loss					5%	24	****	5%	228	****	5%	15	****	5%	239	****
15	Total loss = 13+14					****	509	****	****	4792	****	****	321	****	****	5012	****
16	Int. gains:	People @			300	0	****	0	2	****	600	0	****	0	2	****	600
		Appl. @			1200	0	****	0	0	****	0	0	****	0	0	****	0
17	Subtot RSH gain=7+8..+12+16					****	****	232	****	****	2314	****	****	177	****	****	2415
	Less external cooling					****	****	0	****	****	0	****	****	0	****	****	0
	Less transfer					****	****	0	****	****	0	****	****	0	****	****	0
	Cooling redistribution					****	****	0	****	****	0	****	****	0	****	****	0
18	Duct gain					10%	****	23	10%	****	231	10%	****	18	5%	****	121
19	Total RSH gain=(17+18)*PLF					1.00	****	255	1.00	****	2546	1.00	****	195	1.00	****	2535
20	Air required (cfm)						23	13		221	125		15	10		231	125

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

Right-J Worksheet
Entire House
Boozer Heat & A. C.

Job:
Date: 7-20-11
By: AW

Lake City, Fl 32025 Phone: 623-0109

MANUAL J: 7th Ed.

						Living Room 0.0 ft 19.0 x 16.0 ft 9.0 ft heat/cool			Kitchen 0.0 ft 13.0 x 14.0 ft 8.0 ft heat/cool			UR 0.0 ft 9.0 x 13.0 ft 8.0 ft heat/cool			AC 0.0 ft 0.0 x 0.0 ft 9.0 ft heat/cool		
1	Name of room																
2	Length of exposed wall																
3	Room dimensions																
4	Ceilings	Condit. Option															
	TYPE OF EXPOSURE		CST NO.	HTM Htg	HTM Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg
5	Gross Exposed walls and partitions	a	12E3	3.4	1.9	0	****	****	0	****	****	0	****	****	0	****	****
		b	13C0	4.1	1.5	171	****	****	104	****	****	72	****	****	0	****	****
		c		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
		d		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
		e		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
		f		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
6	Windows and glass doors Heating	a	3C0	32.6	**	0	0	****	0	0	****	0	0	****	0	0	****
		b		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
		c		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
		d		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
		e		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
		f		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
7	Windows and glass doors Cooling	North			16.8	0	****	0	0	****	0	0	****	0	0	****	0
		NE/NW			0.0	0	****	0	0	****	0	0	****	0	0	****	0
		E/W			0.0	0	****	0	0	****	0	0	****	0	0	****	0
		SE/SW			0.0	0	****	0	0	****	0	0	****	0	0	****	0
		South			0.0	0	****	0	0	****	0	0	****	0	0	****	0
		Horz			0.0	0	****	0	0	****	0	0	****	0	0	****	0
8	Other doors	a		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
9	Net exposed walls and partitions	a	12E3	3.4	1.9	0	0	0	0	0	0	0	0	0	0	0	0
		b	13C0	4.1	1.5	171	693	262	104	421	159	72	292	110	0	0	0
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
10	Ceilings	a	16G0	1.5	1.5	304	451	461	182	270	276	117	174	178	0	0	0
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
11	Floors (Note: room perimeter is displ. for slab floors)	a	19I0	1.1	0.0	304	328	0	182	197	0	117	126	0	0	0	0
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
12	Infiltration Ventilation	a		174	48.7	0	0 0	0 0	0	0 0	0 0	0	0 0	0 0	0	0 0	0 0
13	Subtotal loss=6+8..+11+12					****	1472	****	****	888	****	****	592	****	****	0	****
	Less external heating					****	0	****	****	0	****	****	0	****	****	0	****
	Less transfer					****	0	****	****	0	****	****	0	****	****	0	****
	Heating redistribution					****	0	****	****	0	****	****	0	****	****	0	****
14	Duct loss					5%	74	****	5%	44	****	5%	30	****	5%	0	****
15	Total loss = 13+14					****	1546	****	****	932	****	****	621	****	****	0	****
16	Int. gains: People @ 300					6	****	1800	2	****	600	1	****	300	0	****	0
	Appl. @ 1200					0	****	0	2	****	2400	3	****	3600	0	****	0
17	Subtot RSH gain=7+8..+12+16					****	****	2523	****	****	3435	****	****	4188	****	****	0
	Less external cooling					****	****	0	****	****	0	****	****	0	****	****	0
	Less transfer					****	****	0	****	****	0	****	****	0	****	****	0
	Cooling redistribution					****	****	0	****	****	0	****	****	0	****	****	0
18	Duct gain					10%	****	252	10%	****	344	10%	****	419	5%	****	0
19	Total RSH gain=(17+18)*PLF					1.00	****	2775	1.00	****	3779	1.00	****	4607	1.00	****	0
20	Air required (cfm)						71	136		43	166		29	226		0	0

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

Right-J Worksheet
Entire House
Boozer Heat & A. C.

Job:
Date: 7-20-11
By: AW

Lake City, Fl 32025 Phone: 623-0109

MANUAL J: 7th Ed.

					Bath 2			Room11			Colset 1			Dining Room		
1	Name of room															
2	Length of exposed wall				16.0 ft			15.0 ft			0.0 ft			0.0 ft		
3	Room dimensions				11.0 x 16.0 ft			19.0 x 15.0 ft			8.0 x 15.0 ft			1.0 x 338.0 ft		
4	Ceilings	Condit. Option			8.0 ft	heat/cool		9.0 ft	heat/cool		8.0 ft	heat/cool		8.0 ft	heat/cool	
	TYPE OF EXPOSURE		CST NO.	HTM Htg	HTM Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg
5	Gross	a	12E3	3.4	1.9	128	****	****	135	****	****	0	****	****	0	****	****
	Exposed	b	13C0	4.1	1.5	88	****	****	171	****	****	64	****	****	160	****	****
	walls and	c		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
	partitions	d		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
		e		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
		f		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
6	Windows and	a	3C0	32.6	**	0	0	****	30	979	****	0	0	****	0	0	****
	glass doors	b		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
	Heating	c		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
		d		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
		e		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
		f		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
7	Windows and	North			16.8	0	****	0	30	****	504	0	****	0	0	****	0
	glass doors	NE/NW			0.0	0	****	0	0	****	0	0	****	0	0	****	0
	Cooling	E/W			0.0	0	****	0	0	****	0	0	****	0	0	****	0
		SE/SW			0.0	0	****	0	0	****	0	0	****	0	0	****	0
		South			0.0	0	****	0	0	****	0	0	****	0	0	****	0
		Horz			0.0	0	****	0	0	****	0	0	****	0	0	****	0
8	Other doors	a		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
9	Net	a	12E3	3.4	1.9	128	432	246	105	354	202	0	0	0	0	0	0
	exposed	b	13C0	4.1	1.5	88	356	135	171	693	262	64	259	98	160	648	245
	walls and	c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	partitions	d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
10	Ceilings	a	16G0	1.5	1.5	176	261	267	285	423	433	120	178	182	338	502	513
		b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
		f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
11	Floors	a	19I0	1.1	0.0	176	190	0	285	308	0	120	130	0	338	365	0
	(Note: room	b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	perimeter	c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	is displ.	d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	for slab	e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	floors)	f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
12	Infiltration	a		174	48.7	0	0	0	30	5228	1460	0	0	0	0	0	0
	Ventilation						0	0		0	0		0	0		0	0
13	Subtotal loss=6+8..+11+12					****	1240	****	****	7984	****	****	567	****	****	1515	****
	Less external heating					****	0	****	****	0	****	****	0	****	****	0	****
	Less transfer					****	0	****	****	0	****	****	0	****	****	0	****
	Heating redistribution					****	0	****	****	0	****	****	0	****	****	0	****
14	Duct loss					5%	62	****	5%	399	****	5%	28	****	5%	76	****
15	Total loss = 13+14					****	1302	****	****	8383	****	****	595	****	****	1591	****
16	Int. gains: People @				300	1	****	300	0	****	0	0	****	0	6	****	1800
	Appl. @				1200	0	****	0	0	****	0	0	****	0	0	****	0
17	Subtot RSH gain=7+8..+12+16					****	****	948	****	****	2860	****	****	280	****	****	2558
	Less external cooling					****	****	0	****	****	0	****	****	0	****	****	0
	Less transfer					****	****	0	****	****	0	****	****	0	****	****	0
	Cooling redistribution					****	****	0	****	****	0	****	****	0	****	****	0
18	Duct gain					10%	****	95	10%	****	286	10%	****	28	10%	****	256
19	Total RSH gain=(17+18)*PLF					1.00	****	1042	1.00	****	3146	1.00	****	308	1.00	****	2814
20	Air required (cfm)						60	51		386	155		27	15		73	138

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

Right-J Worksheet
Entire House
Boozer Heat & A. C.

Job:
Date: 7-20-11
By: AW

7

Lake City, Fl 32025 Phone: 623-0109

MANUAL J: 7th Ed.					Entire House 62.0 ft 8.5 ft heat/cool d			Hall 0.0 ft 0.0 x 0.0 ft 9.0 ft heat/cool			Porch 1 0.0 ft 0.0 x 0.0 ft 9.0 ft heat/cool			Porch 2 0.0 ft 0.0 x 0.0 ft 9.0 ft heat/cool		
1 Name of room																
2 Length of exposed wall																
3 Room dimensions																
4 Ceilings	Condit. Option															
TYPE OF EXPOSURE		CST NO.	HTM Htg	HTM Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg	Area (ft²)	Load (Btuh) Htg	Load (Btuh) Clg
5 Gross Exposed walls and partitions	a	12E3	3.4	1.9	542	****	****	0	****	****	0	****	****	0	****	****
	b	13C0	4.1	1.5	1209	****	****	0	****	****	0	****	****	0	****	****
	c		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
	d		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
	e		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
	f		0.0	0.0	0	****	****	0	****	****	0	****	****	0	****	****
6 Windows and glass doors Heating	a	3C0	32.6	**	60	1958	****	0	0	****	0	0	****	0	0	****
	b		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
	c		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
	d		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
	e		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
	f		0.0	**	0	0	****	0	0	****	0	0	****	0	0	****
7 Windows and glass doors Cooling	North			16.8	60	****	1008	0	****	0	0	****	0	0	****	0
	NE/NW			0.0	0	****	0	0	****	0	0	****	0	0	****	0
	E/W			0.0	0	****	0	0	****	0	0	****	0	0	****	0
	SE/SW			0.0	0	****	0	0	****	0	0	****	0	0	****	0
	South			0.0	0	****	0	0	****	0	0	****	0	0	****	0
	Horz			0.0	0	****	0	0	****	0	0	****	0	0	****	0
8 Other doors	a		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
9 Net exposed walls and partitions	a	12E3	3.4	1.9	482	1627	925	0	0	0	0	0	0	0	0	0
	b	13C0	4.1	1.5	1209	4896	1850	0	0	0	0	0	0	0	0	0
	c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
10 Ceilings	a	16G0	1.5	1.5	2125	3156	3226	0	0	0	0	0	0	0	0	0
	b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
11 Floors (Note: room perimeter is displ. for slab floors)	a	19I0	1.1	0.0	2125	2295	0	0	0	0	0	0	0	0	0	0
	b		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	c		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	d		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	e		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
	f		0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
12 Infiltration Ventilation	a		174	48.7	60	10455 0	2921 0	0	0 0	0 0	0	0 0	0 0	0	0 0	0 0
13 Subtotal loss=6+8..+11+12					****	24386	****	****	0	****	****	0	****	****	0	****
Less external heating					****	0	****	****	0	****	****	0	****	****	0	****
Less transfer					****	0	****	****	0	****	****	0	****	****	0	****
Heating redistribution					****	0	****	****	0	****	****	0	****	****	0	****
14 Duct loss					5%	1219	****	5%	0	****	5%	0	****	5%	0	****
15 Total loss = 13+14					****	25606	****	****	0	****	****	0	****	****	0	****
16 Int. gains: People @ 300					20	****	6000	0	****	0	0	****	0	0	****	0
Appl. @ 1200					5	****	6000	0	****	0	0	****	0	0	****	0
17 Subtot RSH gain=7+8..+12+16					****	****	21930	****	****	0	****	****	0	****	****	0
Less external cooling					****	****	0	****	****	0	****	****	0	****	****	0
Less transfer					****	****	0	****	****	0	****	****	0	****	****	0
Cooling redistribution					****	****	0	****	****	0	****	****	0	****	****	0
18 Duct gain					9%	****	2072	5%	****	0	5%	****	0	5%	****	0
19 Total RSH gain=(17+18)*PLF					1.00	****	24002	1.00	****	0	1.00	****	0	1.00	****	0
20 Air required (cfm)						1180	1180		0	0		0	0		0	0

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

Window Data

Job:
Date: 7-20-11
By: AW

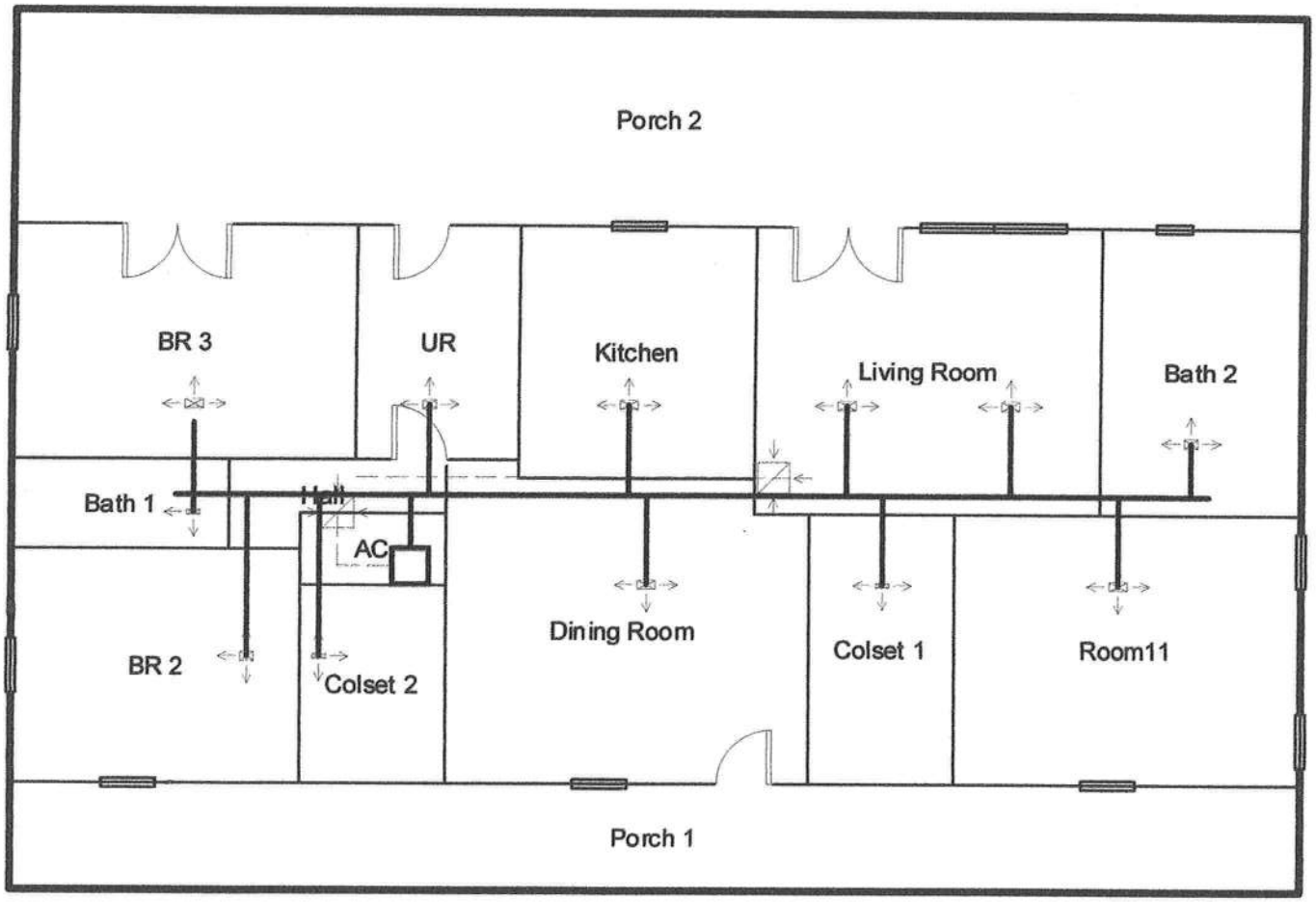
8

Boozer Heat & A. C.

Lake City, Fl 32025 Phone: 623-0109

WNDW	SKY	ORI	GLAZ	LOWE	STRM	SHAD	NGLZ	INCL	SHCO	OVRX	OVRY	WHGT	CHTM	WNAR	SHAR
							Room11								
3C0	n	s	c	n	n	d	2	90.0	1.0	1.6	1.0	5.0	25.8	30.0	30.0
							BR 2								
3C0	n	n	c	n	n	d	2	90.0	1.0	1.6	1.0	5.0	16.8	15.0	0.0
							BR 3								
3C0	n	n	c	n	n	d	2	90.0	1.0	1.6	1.0	5.0	16.8	15.0	0.0

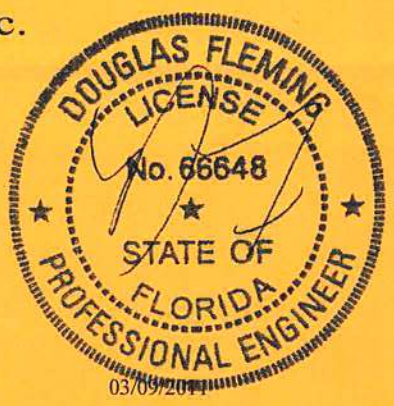
Total Home



Job #: **Performed by AW for:** Ford Lake City, Fl	**Boozer Heat & A. C.** Lake City, Fl 32025 Phone: 623-0109	Scale: 1 : 123 Page 1 Right-Suite Residential 5.9.51 RSR26315 2011-Jul-20 09:55:21 C:\My Documents\Wrightsoft HVA...

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
 Document ID:1UA3487-Z0209140522



Truss Fabricator:	Anderson Truss Company
Job Identification:	11-047--Fill in later EDGLEY BUILDERS/ FORD -- , **
Truss Count:	4
Model Code:	Florida Building Code 2007 and 2009 Supplement
Truss Criteria:	FBC2007Res/TPI-2002(STD)
Engineering Software:	Alpine Software,Version 9.05.
Structural Engineer of Record:	The identity of the structural EOR did not exist as of
Address:	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads:	Roof - 40.0 PSF @ 1.25 Duration
	Floor - N/A
	Wind - 110 MPH ASCE 7-05 -Closed

Notes:

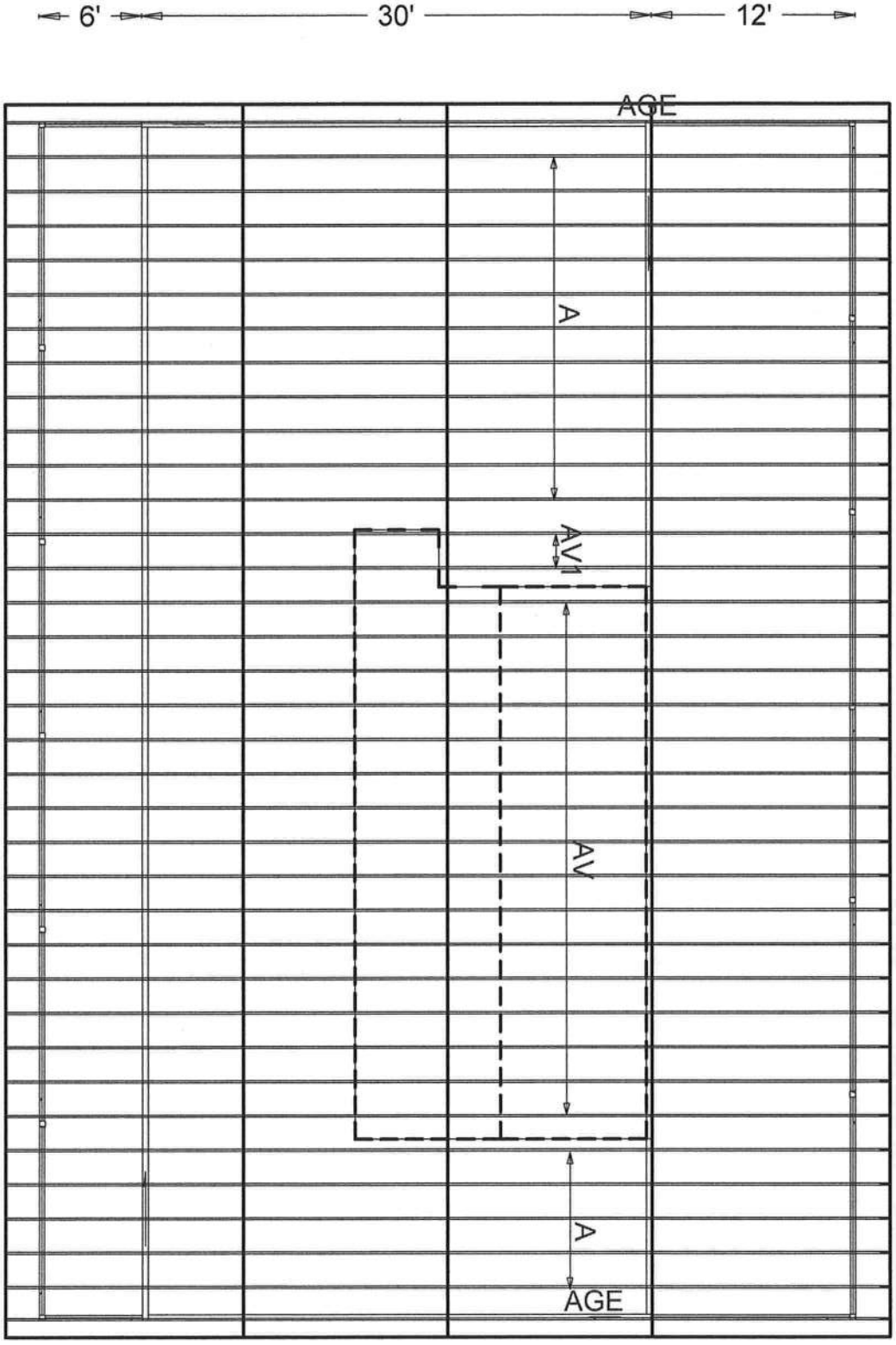
1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

Details: BRCLBSUB-A1101505-GBLLETIN-

Douglas M. Fleming
-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

#	Ref	Description	Drawing#	Date
1	97702--A		11068017	03/09/11
2	97703--AGE		11068018	03/09/11
3	97704--AV		11068019	03/09/11
4	97705--AV1		11068020	03/09/11



Roof Plane Sheathing Area = 4079 sq. ft

DOUG EDGLEY/ FORD

PAGE NO: 1 OF 1	JOB NO: 11-047	JOB DESCRIPTION:: Fill in later /: EDGLEY BUILDERS/ FORD	

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

(11-047--Fill in later EDGLEY BUILDERS/ FORD -- , ** - A)

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

(A) Continuous lateral bracing equally spaced on member.

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

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

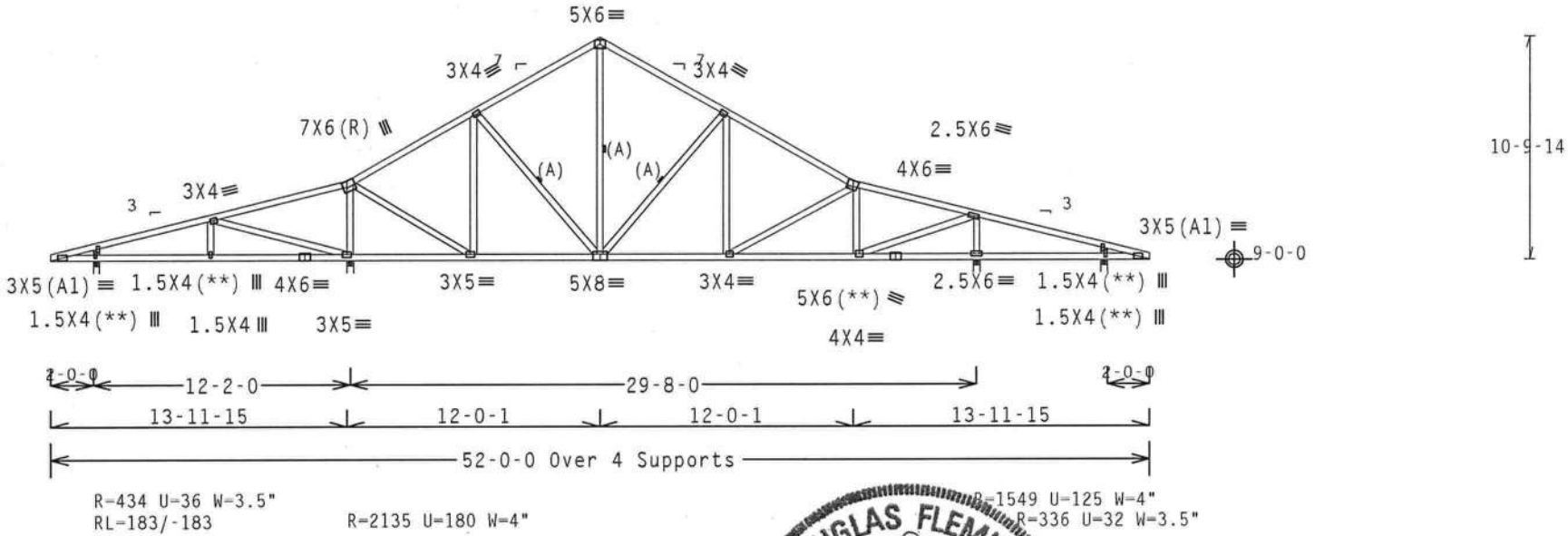
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: FBC2007Res/TPI-2002(STD) 9.05.03.0319.16

PLT TYP. Wave

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

QTY:16 FL/-/4/-/-/R/-

Scale =.125"/Ft.

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

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and 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.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. Apply plates to each face of truss and position as shown above and on the design. Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. 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 design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This general notes page; ITW-BCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

DOUGLAS FLEMING LICENSE No.66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
03/09/2011

TC LL	20.0 PSF	REF R487-- 97702
TC DL	10.0 PSF	DATE 03/09/11
BC DL	10.0 PSF	DRW HCUSR487 11068017
BC LL	0.0 PSF	HC-ENG TCE/DF
TOT.LD.	40.0 PSF	SEQN- 189297
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UA3487_Z02

(11-047--Fill in later EDGLEY BUILDERS/ FORD -- , ** - AGE)

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

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 Dense::Stack Chord SC2 2x4 SP #2 Dense:

Truss spaced at 24.0" OC designed to support 1-0-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

(A) 1x4 #3SRB SPF-S or better "L" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

In lieu of structural panels use purlins to brace 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.

The Building Designer is responsible for the design of the roof and ceiling diaphragms, gable end shear walls, and supporting shear walls. Shear walls must provide continuous lateral restraint to the gable end. All connections to be designed by the Building Designer.

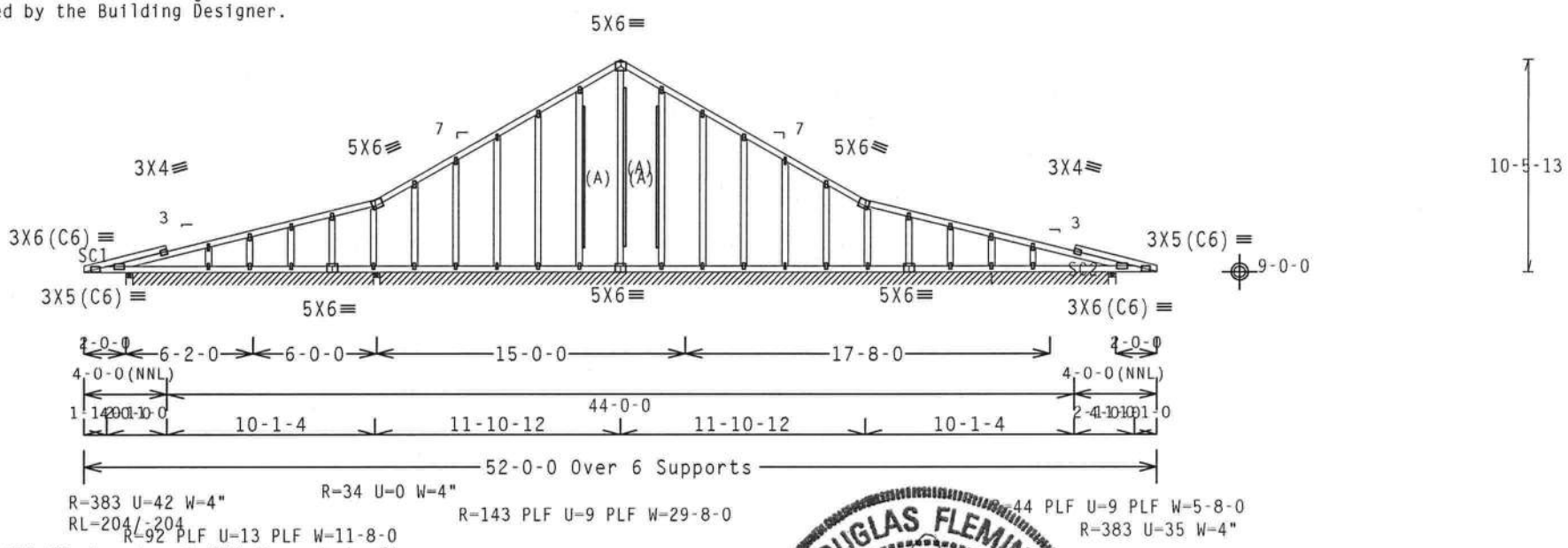
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

See DWGS A11015050109 & GBLLETIN0109 for more requirements.

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

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



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(SPI) FT/RT=10%(0%)/0(0) 9.05.03.0319.16 TY:2 FL/-/4/-/-/R/- Scale =.125"/Ft.

DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER 03/09/2011

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

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TC LL	20.0 PSF	REF R487-- 97703
TC DL	10.0 PSF	DATE 03/09/11
BC DL	10.0 PSF	DRW HCUSR487 11068018
BC LL	0.0 PSF	HC-ENG TCE/DF
TOT.LD.	40.0 PSF	SEQN- 189350
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UA3487_Z02

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

(11-047--Fill in later EDGLEY BUILDERS/ FORD -- , ** - AV)

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

(A) Continuous lateral bracing equally spaced on member.

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

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

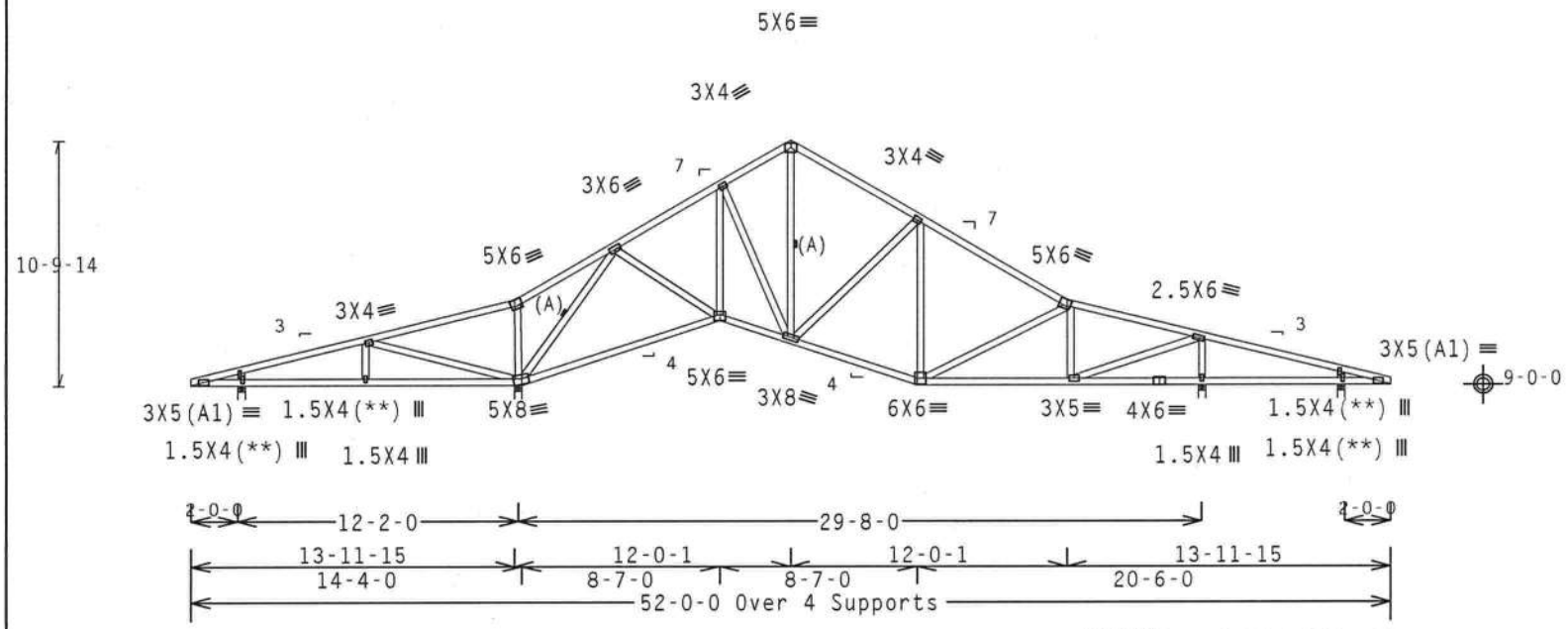
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

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

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

Wind reactions based on MWFRS pressures.

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.



Design Crit: FBC2007Res/TPI-2002(STD) 09.05.03.0319.16 QTY:16 FL/-/4/-/-/R/- Scale =.125"/Ft.

PLT TYP. Wave FT/RT=10%(0%)/0(0)

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

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
03/09/2011

TC LL	20.0 PSF	REF	R487-- 97704
TC DL	10.0 PSF	DATE	03/09/11
BC DL	10.0 PSF	DRW	HCUSR487 11068019
BC LL	0.0 PSF		HC-ENG TCE/DF
TOT.LD.	40.0 PSF	SEQN-	189310
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UA3487_Z02

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

(11-047--Fill in later EDGLEY BUILDERS/ FORD -- , ** - AV1)

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

(A) Continuous lateral bracing equally spaced on member.

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

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

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.

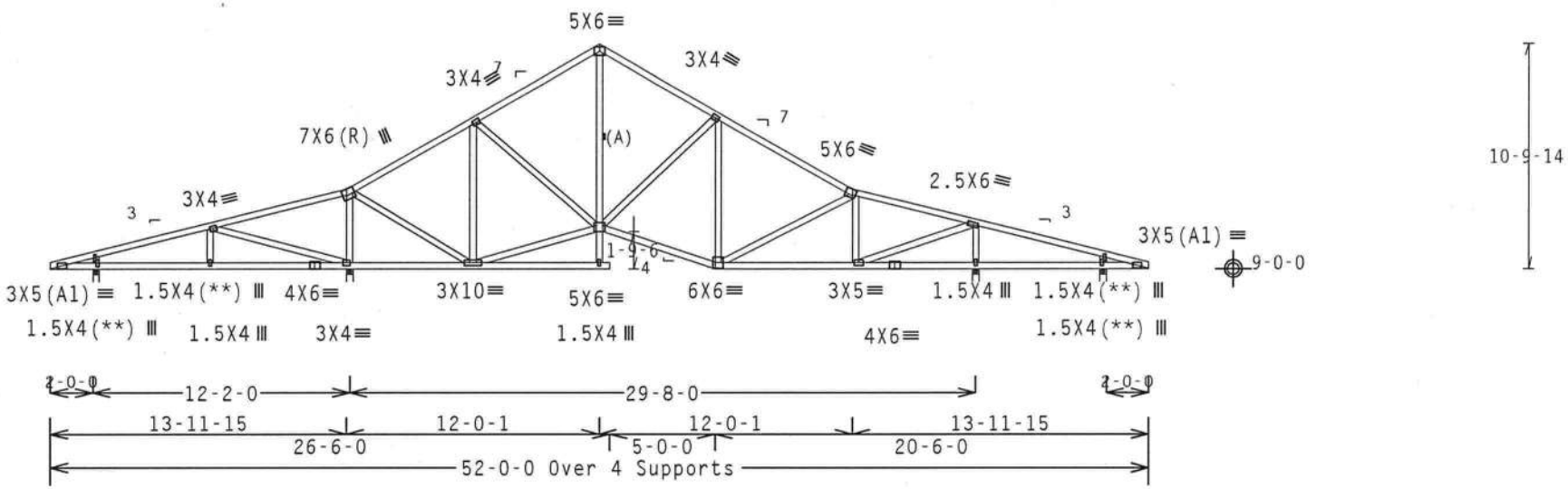
(**) 4 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

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

Wind reactions based on MWFRS pressures.

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

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



R=428 U=34 W=3.5"
RL=192/-192

R=2028 U=0 W=4"

R=1459 U=0 W=4"
R=343 U=28 W=3.5"

Design Crit: FBC2007Res/TPI-2002(STD) 09.05.03.0319.16

PLT TYP. Wave FT/RT=10%(0%)/0(0) QTY:2 FL/-/4/-/-/R/- Scale =.125"/Ft.

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

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
03/09/2011

TC LL	20.0 PSF	REF R487-- 97705
TC DL	10.0 PSF	DATE 03/09/11
BC DL	10.0 PSF	DRW HCUSR487 11068020
BC LL	0.0 PSF	HC-ENG TCE/DF
TOT.LD.	40.0 PSF	SEQN- 189343
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UA3487_Z02

CLB WEB BRACE SUBSTITUTION

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

NOTES:

THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

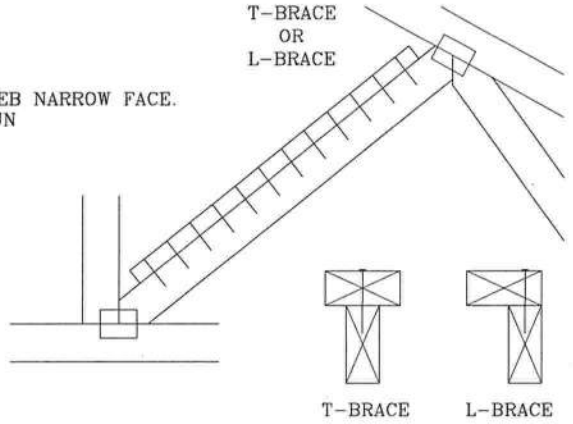
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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

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

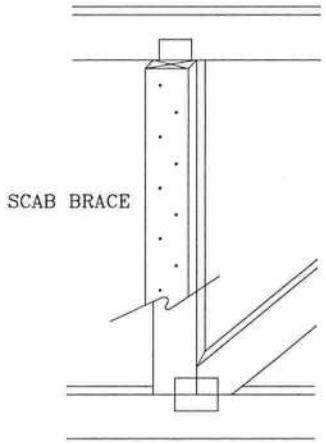
T-BRACING OR L-BRACING:

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



SCAB BRACING:

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



Building Components Group Inc.

Earth City, MO 63045

DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

Mar 09 '11

03/09/2011

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

GABLE STUD REINFORCEMENT DETAIL

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

MAX GABLE VERTICAL LENGTH

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:

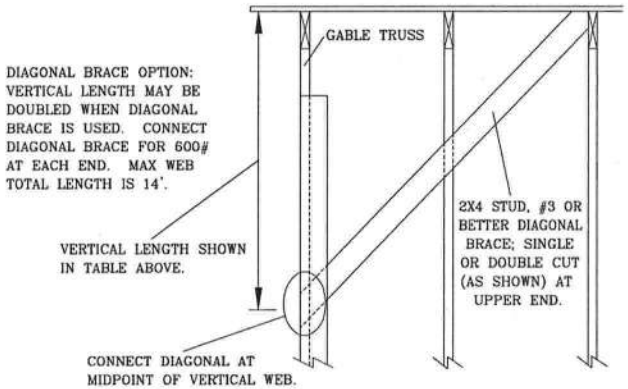
SPRUCE-PINE-FIR		HEM-FIR	
#1 / #2	STANDARD	#2	STUD
#3	STUD	#3	STANDARD

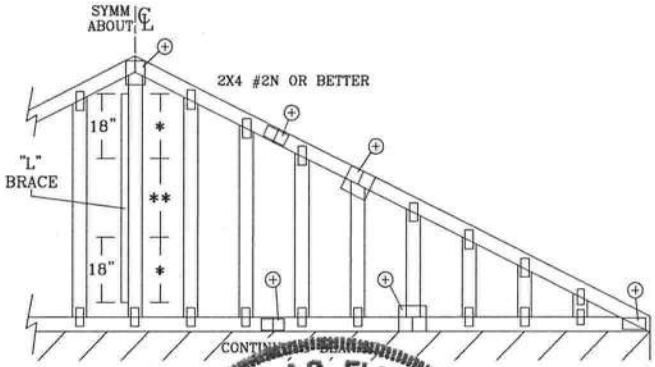
DOUGLAS FIR-LARCH	SOUTHERN PINE
#3	#3
STUD	STUD
STANDARD	STANDARD

GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE	DOUGLAS FIR-LARCH
#1	#1
#2	#2





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

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

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

ATTACH EACH "L" BRACE WITH 10d NAILS. (0.128"x3" min)

* 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", BUT LESS THAN 11' 6"	2.5X4
GREATER THAN 11' 6"	3X4

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

ITW Building Components Group Inc.

Earth City, MO 63045

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow BCSI (Building Component Safety Information, by TPI and 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 panels and bottom chord shall have a properly attached right ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3 & B7. See this job's general notes page for more information.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviations from this design, any failure to build the truss in conformance with TPI, or fabricating, handling, shipping, installing & bracing of trusses. ITWBCG connector plates are made of 20/18/16GA (W,H/S/K) ASTM A653 grade 37/40/60 (K/W/H,S) galv. steel. Apply plates to each face of truss, positioned as shown above and on joint details. A seal on this drawing or cover page indicates acceptance and professional engineering responsibility solely for the truss component design shown. The suitability and use of this component for any building is the responsibility of the Building Designer per ANST/TPI 1 Sec. 2.
ITW-BCG: www.itwbcg.com; TPI: www.tpinst.com; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

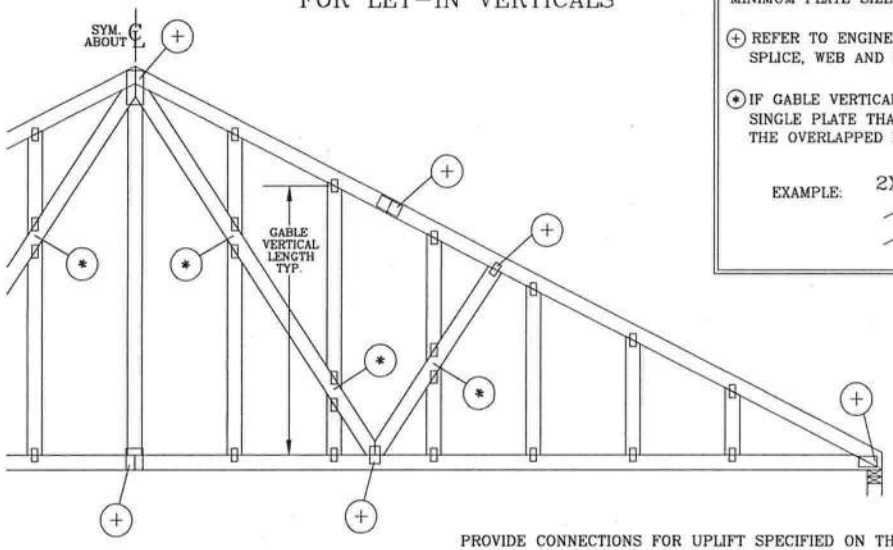
DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
No. 66648 '11
03/09/2011

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF	ASCE7-05-GAB11015
DATE	1/1/09
DRWG	A11015050109

GABLE DETAIL
FOR LET-IN VERTICALS



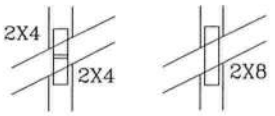
GABLE TRUSS PLATE SIZES

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

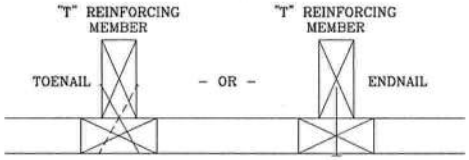
⊕ REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.

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

EXAMPLE:



"T" REINFORCEMENT ATTACHMENT DETAIL



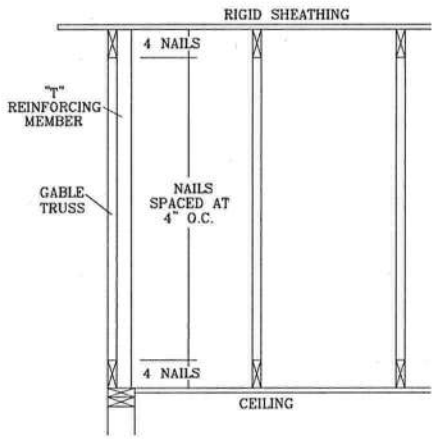
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" INCREASE BY LENGTH (BASED ON APPROPRIATE ITW GABLE DETAIL).

MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE W/ "T" BRACE

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

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



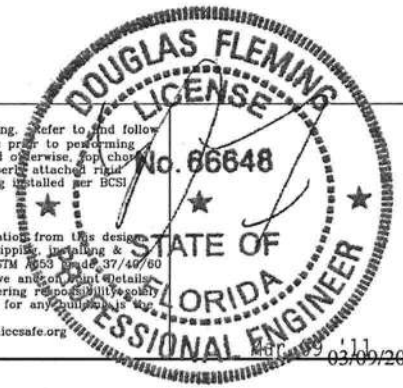
PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH
END DRIVEN NAILS:
10d COMMON (0.148"X 3.",MIN) NAILS AT 4" O.C. PLUS
(4) NAILS IN TOP AND BOTTOM CHORD.

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

THIS DETAIL TO BE USED WITH THE APPROPRIATE ITW GABLE DETAIL FOR ASCE WIND LOAD.
ASCE 7-98 GABLE DETAIL DRAWINGS
A13015980109, A12015980109, A11015980109, A10015980109,
A13030980109, A12030980109, A11030980109, A10030980109
ASCE 7-02 GABLE DETAIL DRAWINGS
A13015020109, A12015020109, A11015020109, A10015020109, A14015020109,
A13030020109, A12030020109, A11030020109, A10030020109, A14030020109
ASCE 7-05 GABLE DETAIL DRAWINGS
A13015050109, A12015050109, A11015050109, A10015050109, A14015050109,
A13030050109, A12030050109, A11030050109, A10030050109, A14030050109

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



03/09/2011

ITW Building Components Group Inc.

Earth City, MO 63045

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
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ITW-BCG: www.itwbcg.com; TPI: www.tpinst.com; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

REF	LET-IN VERT
DATE	1/1/09
DRWG	GBLLETIN0109

29686

Lake City • (386) 755-3633
Fax • (386) 752-5456

Jacksonville • (904) 381-8901
Fax • (904) 381-8902

Cal-Tech Testing, Inc. — FOUNDATIONS • ASPHALT • SOILS • CONCRETE — ENGINEERING • GEOTECHNICAL • ENVIRONMENTAL

CAL-TECH TESTING, INC.

ENGINEERING & TESTING LABORATORY

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

JOB NO.:
DATE TESTED: 10-4-11

REPORT OF IN-PLACE DENSITY TEST

ASTM METHOD: ✓ (D-2922) Nuclear _____ (D-2937) Drive Cylinder _____ Other

PROJECT: Ford Residence

CLIENT: Edgley

GENERAL CONTRACTOR: Edgley EARTHWORK CONTRACTOR: Edgley

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

TECHNICIAN: J. Curry

MODIFIED (ASTM D-1557): ✓ STANDARD (ASTM D-698): _____

TEST NO.	TEST LOCATION	TEST: 12 DEPTH ___ ELEV. ___ LIFT	PROCTOR NO.	WET DENS. LBS.CU.FT.	DRY DENS. LBS.CU.FT.	MOIST PERCENT	% MAX. DENS.
	From NW Corner 15'S 15'E	S.O.G.	103	114.2	104.1	9.8	101.0
	NE 10'S 25'W	↓	↓	113.3	105.2	7.7	102.1
	SE 5'N 20'W	↓	↓	113.4	105.5	7.5	102.4
	SW 2'N 10'E	↓	↓	116.8	107.5	8.7	104.4

REMARKS: S.O.G. = Slab on Grad

PROCTOR NO.	SOIL DESCRIPTION	PROCTOR VALUE	OPT. MOIST.
		103.0	

NOTE: 1. Building Fill 2. Trench Backfill 3. Base Course 4. Subbase/Stabilized Subgrade 5. Embankment 6. Subgrade/Natural Soil 7. Other

The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test location and change with time, sound judgement should be exercised with regard to the use and interpretation of the data.

296686

Ford, Columbia County FL

Addendum to Structural Plans

(In Compliance with the 2007 Florida Building Code and Amendments)

Prepared By: Marty J. Humphries, P.E. # 51976
7932 240th St., O'Brien, FL 32071
(386)935-2406

The following requirements/clarrifications are in addition to, and supercede (where applicable) the structural plans prepared for the Ford Residence dated 7/6/11:

1.) Use 0.280" diameter Full-round-head 8d ring-shank nails with a minimum nominal shank diameter of 0.113" to attach roof sheathing to trusses. Spacing shall be 6" on center including overhang areas.

2) Use 0.280" diameter full-round-head 8d smooth shank nails with a minimum nominal shank diameter of 0.113" for attaching wall sheathing to studs. Spacing shall be 3" around openings and edges and 6" on center elsewhere.

3) Install ¾" plywood T&G subfloor or 23/32" Ilevel Edge Gold T&G subfloor to floor joists with 8d ring shank nails 6"(.113" min. shank dia.) on center with construction adhesive applied between subfloor sheathing and top of floor joists. In place of 8d nails #10 deck screws 2" long may be installed 8" on center with construction adhesive applied between sheathing and joists.

Marty J. Humphries

10-18-11

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 01-7S-15-01439-606 Building permit No. 000029686

Use Classification SFD, UTILITY Fire: 32.10

Permit Holder EDGLEY CONSTRUCTION Waste: 83.75

Owner of Building RONALD JR AND SALLIE FORD Total: 115.85

Location: 574 SW IOWA DRIVE, FORT WHITE, FL 32038

Date: 05/11/2012

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

This home has been professionally insulated with 29686

Owens Corning
PROPINK® L77 PINK Fiberglas™ Unbonded Loosefill Insulation

(Job Site Address)

Name Ford

Address 574 SW Iowa Dr

City Fort White, Fl 32038 State _____ Zip _____

Owens Corning™ PROPINK® L77 PINK Fiberglas™ Unbonded Loosefill Insulation

Owens Corning will accept no responsibility when the product is not installed in accordance with the product label. Stated R-value is provided by installing the required number of bags at a thickness not less than the labeled minimum thickness. Installation of the required number of bags may yield more than the specified minimum thickness. Failure by the installer to provide both the required bags and at least the minimum thickness will result in lower insulation R-value.

Specification for Open Blow Attics

New Construction ☒ Retrofit ☐

Number of bags used 37

Estimated R-value of previous insulation N/A

Area of coverage (sq. ft.) 2100

Other type(s) of insulation in attic N/A

Thickness of insulation 13"

Depth of previous insulation N/A

Attics

R-value	Bags Per 1000 Sq.Ft.	Maximum Net Coverage	Minimum Weight/ Sq. Ft.	Minimum Thickness (in)	Minimum Settled Thickness*
R-13	5.5	182.9	0.180	4.75	4.75
R-19	8.1	124.2	0.266	6.75	6.75
R-22	9.4	106.3	0.311	7.75	7.75
R-26	11.2	89.6	0.368	9.00	9.00
R-30	13.0	77.0	0.428	10.25	10.25
R-38	16.8	59.5	0.555	12.75	12.75
R-44	20.1	49.8	0.662	14.75	14.75
R-49	22.6	44.2	0.747	16.25	16.25
R-60	28.5	35.1	0.940	19.50	19.50

Walls

R-value	Minimum Thickness	Installed Density Lbs. Per Cu. Ft.	Maximum Coverage Per Bag	Bags Per 1000 Sq. Ft.	Minimum weight Lbs. Per Sq. Ft.
13	3.5 (2x4)	1.3	87.0	11.5	0.379
15	3.5 (2x4)	1.5	75.4	13.3	0.438
21	5.5 (2x6)	1.3	55.4	18.1	0.596
24	5.5 (2x6)	1.8	40.0	25.0	0.825

Floors

R-value	Minimum Thickness	Installed Density Lbs. Per Cu. Ft.	Maximum Coverage Per Bag	Bags Per 1000 Sq. Ft.	Minimum weight Lbs. Per Sq. Ft.
31	2x8	1.4	39.0	25.6	0.846
39	2x10	1.4	30.6	32.7	1.079
48	2x12	1.5	23.5	42.6	1.406

Cathedral Ceiling

R-value	Minimum Thickness	Installed Density Lbs. Per Cu. Ft.	Maximum Coverage Per Bag	Bags Per 1000 Sq. Ft.	Minimum weight Lbs. Per Sq. Ft.
28	2x8	1.3	42.0	23.8	0.785
36	2x10	1.3	32.9	30.4	1.002
44	2x12	1.3	27.1	36.9	1.219

*This product shows negligible settling.

Loosefill insulations vary in thermal performance due to factors such as aging, mean temperature, settlement, convection, moisture absorption and installation variation. Convection in glass loosefill insulation installed in open attics can reduce its thermal performance in extreme winter temperatures during the heating season.

Contractor Sikes Enviroseal Date 5/10/12 Builder Edgley Const. Date 5-10-12

Company Will Sikes (Signature) Company _____ (Signature)

Address 710 SW Arlington Blvd Lake City, Fl Address _____

Phone 386-438-8542 Phone _____

OWENS CORNING INSULATING SYSTEMS, LLC
ONE OWENS CORNING PARKWAY
TOLEDO, OHIO, USA 43659
1-800-GET-PINK®
www.owenscorning.com

Pub. No. 10012954. Printed in U.S.A. September 2010.

FORD RESIDENCE
STRUCTURAL PLANS
COLUMBIA COUNTY, FLORIDA

Plan Sheet Index:

Sheet No.	Description
1	title/index sheet
2	wall typical/strapping and anchor requirements
3	foundation/floor framing plan
4	gable bracing detail

Note: This set of plans is a structural companion set of plans for the Ford Residence plans drawn by Christopher Q. Dicks.

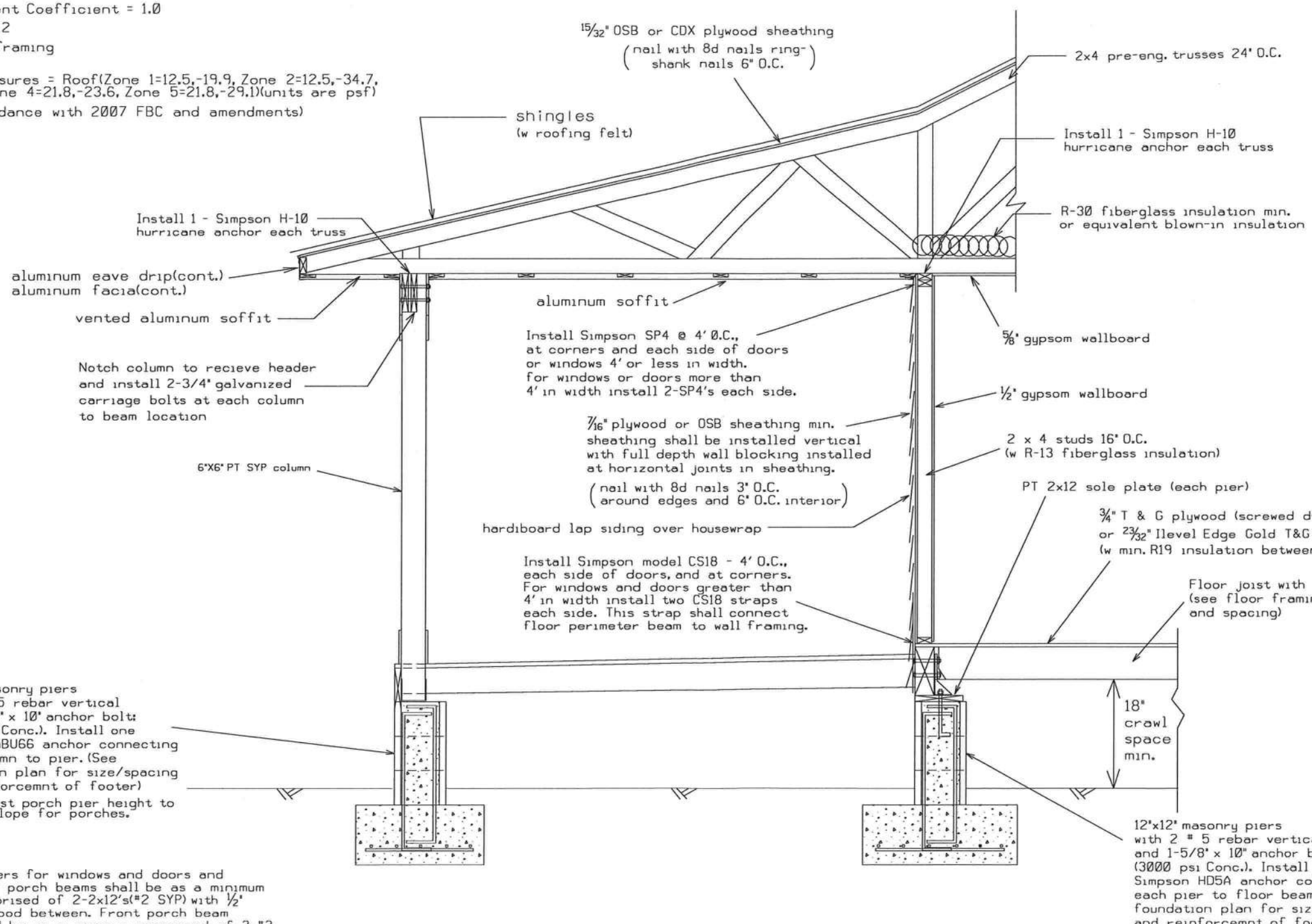
Marty J. Humphries
7-6-11

PLANS PREPARED BY:
MARTY J. HUMPHRIES P.E. # 51976
7932 240TH ST., O'BRIEN, FL 32071

FORD RESIDENCE
STRUCTURAL PLANS
COLUMBIA COUNTY, FLORIDA

WINDLOAD DATA AND EXPOSURE:

Basic Wind Speed = 110 mph
Importance Factor = 1.0
Exposure Category = B
Residential Occupancy = Group R3
Mean Roof Height = 18'
Height and Exposure Adjustment Coefficient = 1.0
Roof Cross Slope = 4:12 & 7:12
Wall Height = 9' above floor framing
Analysis Method = ASCE 7-05
Component and Cladding Pressures = Roof(Zone 1=12.5,-19.9, Zone 2=12.5,-34.7, Zone 3=12.5,-51.3), Wall(Zone 4=21.8,-23.6, Zone 5=21.8,-29.1)(units are psf)
(Structure designed in accordance with 2007 FBC and amendments)



Note: Headers for windows and doors and rear porch beams shall be as a minimum comprised of 2-2x12's(#2 SYP) with 1/2" plywood between. Front porch beam shall be as a minimum comprised of 2-#2 2x10's(#2 SYP) with 1/2" plywood or OSB between. Nail Headers together with 1-12d nail 10" on center top and bottom.

Note: Maximum masonry pier height is 4' for this design If finished deck height is more than 30" above grade handrail will be required for porches.

TYPICAL WALL SECTION

(see foundation plan for floor member sizes and layout)

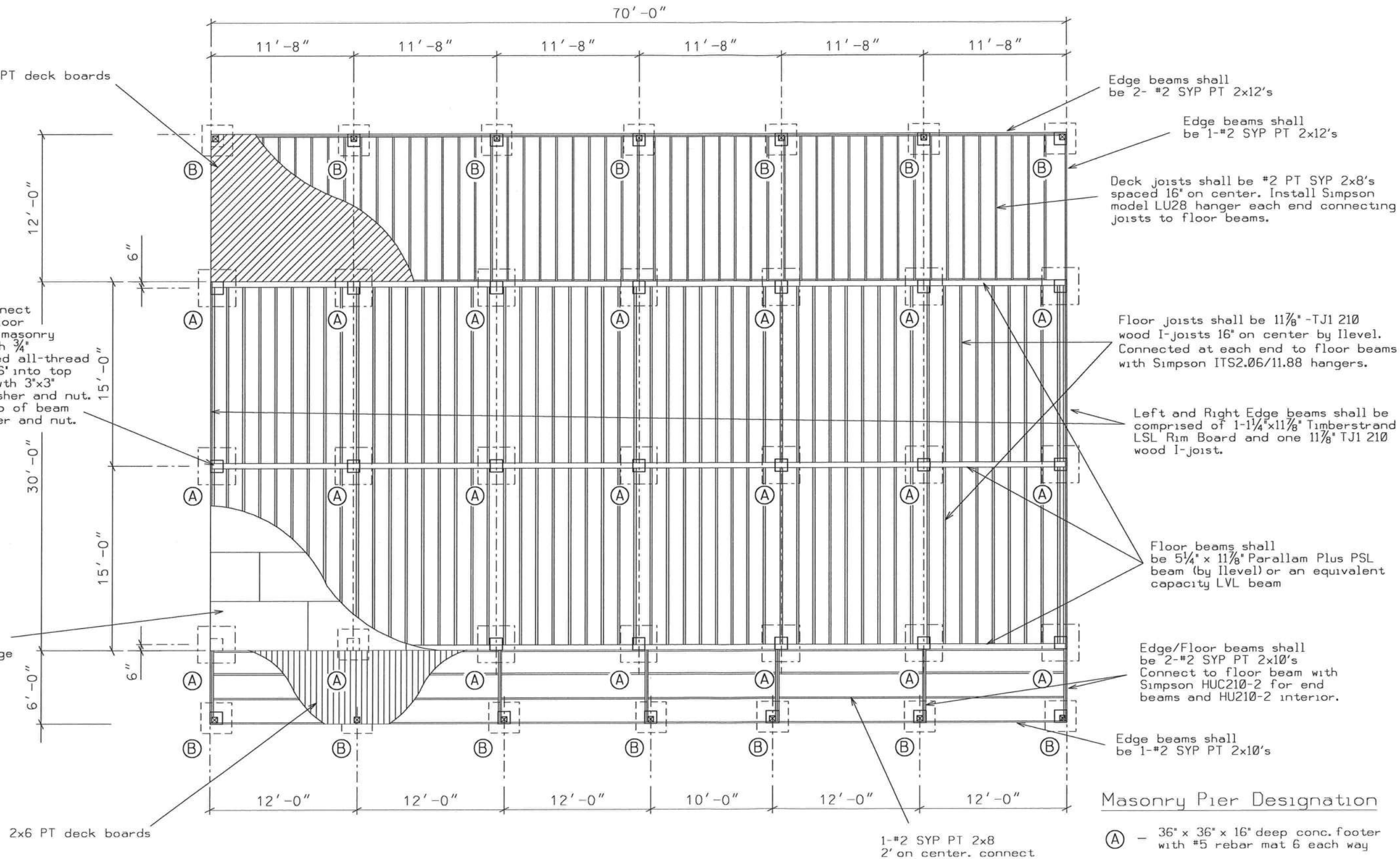
Note: lowest horizontal structural member shall be 1' higher than the 100 year flood elevation. Only masonry piers and stairs shall be constructed below this elevation. 100 year flood elevation for this location is EL 34.2.

7-6-11

F

PLANS PREPARED BY:
MARTY J. HUMPHRIES P.E. # 51976
7932 240TH ST., O'BRIEN, FL 32071

FORD RESIDENCE
STRUCTURAL PLANS
COLUMBIA COUNTY, FLORIDA



Masonry Pier Designation

Ⓐ – 36" x 36" x 16" deep conc. footer with #5 rebar mat 6 each way

Ⓑ – 30" x 30" x 14" deep conc. footer with #5 rebar mat 5 each way

FOUNDATION/FLOOR FRAMING PLAN

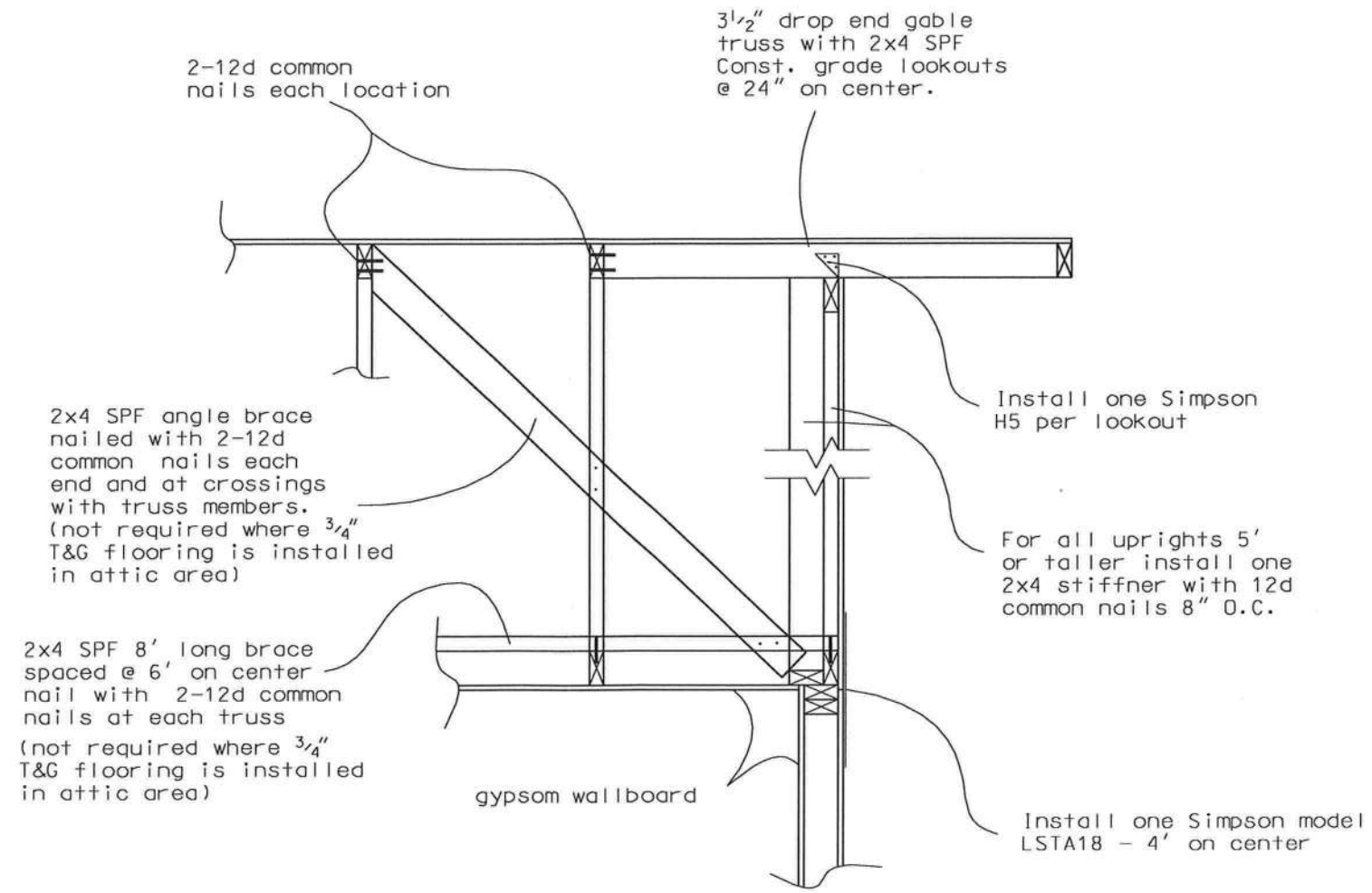
Note: I-joists shall be adjusted as necessary to allow for plumbing in the field. It is recommended that all plumbing be located and marked prior to setting joists.

Marty J. Humphries
7-6-11

0 4' 8'
scale

PLANS PREPARED BY:
MARTY J. HUMPHRIES P.E. # 51976
7932 240TH ST.. O'BRIEN. FL 32071

FORD RESIDENCE
STRUCTURAL PLANS
COLUMBIA COUNTY. FLORIDA



GABLE END BRACING
DETAIL (N.T.S.)

Marty J. Humphries
7-6-11

PLANS PREPARED BY:
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FORD RESIDENCE
STRUCTURAL PLANS
COLUMBIA COUNTY, FLORIDA