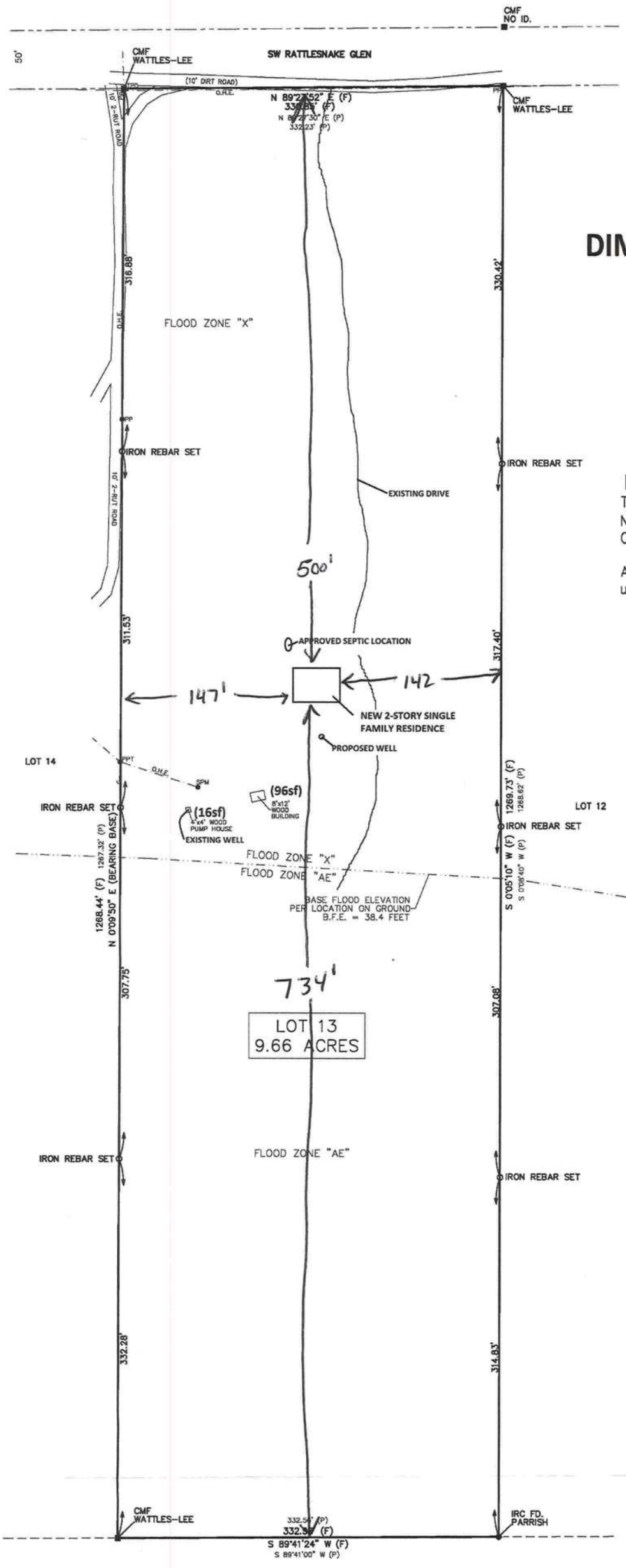
BOUNDARY SURVEY

LOT 13, RUM ISLAND RANCHES SECTION 2
IN SECTION 35, TOWNSHIP 7 SOUTH, RANGE 16 EAST
COLUMBIA COUNTY, FLORIDA



DIMENSIONS OF LOT = 330' WIDE BY 1269' LONG

SETBACKS:

Front - 30'

Sides & Rear - 25'

FULL LEGAL DESCRIPTION:

The East 1/2 of the East 1/2 of the Southeast 1/4 of the Northwest 1/4 of Section 35, Township 7 South, Range 16 East, Columbia County, Florida. Containing 10.00 acres, more or less.

ALSO KNOWN AS Lot 13, RUM ISLAND RANCHES, Section 2, an unrecorded subdivision.

NOTES:

1.) Monumentation is as shown and designated on the face of the plat.

2.) Boundary based on monumentation found in place, description furnished by client, prior survey and subdivision by Wattles–Lee and Associates, Inc.

3.) Bearings projected from West property line and based on above referenced prior survey and subdivision by Wattles–Lee and Associates, Inc.

4.) Interior improvements were located by field ties.

5.) Underground encroachments, if present, were not located with this survey.

6.) This survey was made without benefit of a title search. There may be additional easements, restrictions, etc. not shown hereon but found in the Public Records. Issues regarding title, land use & zoning, easements & other encumberances are not a part of the scope of a Boundary Survey and can only be revealed with a title search.

7.) Date of field survey completion: February 18, 2011.

8.) Examination of the Flood Insurance Rate Maps (FIRM) for Columbia County shows that, per said maps, the described parcel lies partly within Flood Zone "X", which according to said maps is outside of the 0.2% chance floodplain and partly within Flood Zone "AE", which according to said maps is inside of the 1% annual chance flood plain (f.k.a. 100 year flood plain) (ref: Map No. 12001C0085D, 12023C0533C, & 12041C0133D). A base flood elevation (BFE) of 38.4 feet has been established.

LEGEND

CMF=CONCRETE MONUMENT FOUND	OHE=OVERHEAD ELECTRIC LINE
CMS=CONCRETE MONUMENT SET	SEC.=SECTION
IPF=IRON PIPE FOUND	RGE.=RANGE
IPS=IRON PIPE SET	TWP.=TOWNSHIP
PLS=PROFESSIONAL LAND SURVEYOR	COR.=CORNER
P.S.M.=PROFESSIONAL SURVEYOR & MAPPER	NE=NORTHEAST
R/W=RIGHT-OF-WAY	NW=NORTHWEST
℄=CENTER LINE	SW=SOUTHWEST
PP=POWER POLE	SE=SOUTHEAST
SPM=SERVICE POLE W/ METER	LB=LICENSED BUSINESS
TPD=TELEPHONE PEDESTAL	(F)=FIELD MEASUREMENTS
IRC=IRON REBAR & CAP	(D)=DEED MEASUREMENTS
(P)=PLAT MEASUREMENTS	FD.=FOUND
NO ID=NO IDENTIFICATION	
PPT=POWER POLE W/ TRANSFORMER	

O = IRON RODS PLACED ON LINE PER CLIENT'S REQUEST. LOCATIONS ARE INDICATED ON GROUND WITH PVC FLAGS

CAD FILE: 5987.DWG

NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA REGISTERED PROFESSIONAL SURVEYOR AND MAPPER

Timothy A. Delbene, P.L.S.
Florida Reg. No. 5594
DATE: ____/____/2011

Donald F. Lee and Associates, Inc.
SURVEYORS – ENGINEERS
140 Northwest Ridgewood Avenue, Lake City, Florida 32055
Phone: (386) 755-6166 FAX: (386) 755-6167
Certificate of Authorization # LB 7042

Date: 02/18/2011	ROGER & MARION COX TRUSTEES	Scale: 1"=50'
Drafting: A V G		Field Book: 11-577
Computations: A V G		Work Order: 11-5987
Checked: T A D		File: B-28-2

Columbia County Building Permit Application

For Office Use Only Application # 1106-28 Date Received 6/13/11 By CH Permit # 29501

Zoning Official BLK Date 22 June 2011 Flood Zone X Land Use ESA Zoning ESA-2

FEMA Map # 0533C Elevation 38.48 MFE 39.4 River Santa Fe Plans Examiner T.C. Date 6-16-11

Comments Elevation survey shows proposed location of house to be above BFE Elevation conformation letter required MFE shall be 39.4'

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

☐ Dev Permit # ☐ In Floodway ☐ Letter of Auth. from Contractor N/A ☐ W Comp. letter

IMPACT FEES: EMS Fire Corr ☑ Sub VF Form

Road/Code School = TOTAL (Suspended) ☑ App Fee Paid

Septic Permit No. 11-0223 Fax

Name Authorized Person Signing Permit John R Feeney Phone (352) 682-4660

Address 2841 SE 46th Way, Trenton, FL 32693

Owners Name Cox, Roger L & Marion Trustees Phone (352) 372-9044

911 Address 502 SW Rattlesnake Glen, Fort White, FL 32038

Contractors Name John R Feeney - Construction LLC Phone (352) 682-4660

Address 2841 SE 46th Way, Trenton, FL 32693

Fee Simple Owner Name & Address

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Ken Risley / PO Box 1115, Weirsdale, FL 32195

Mortgage Lenders Name & Address N/A

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

Property ID Number 35-7S-16-04346-014 Estimated Cost of Construction 138,000

Subdivision Name Rum Island Ranches Lot 13 Block Sec. 2 Unit Phase

Driving Directions CR 138 to Rum Island Road to Rattlesnake Glen Road, Driveway marked w/ sign "COX" is approximately .33 miles down Rattlesnake Glen Road on the left Gate Code = 9044

Number of Existing Dwellings on Property None

Construction of Residential Home Total Acreage 10 acre Lot Size 10 acre

Do you need a - Culvert Permit or Culvert Waiver or (Have an Existing Drive) Total Building Height 35' or less

Actual Distance of Structure from Property Lines - Front 500' Side 90' Side 150' Rear 730'

Number of Stories 2 Heated Floor Area 2300sf Total Floor Area 2300 Roof Pitch 10/12 & 6/12

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

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.

(Owners Must Sign All Applications Before Permit Issuance.)

Marian R. Cox Roger L. Cox

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

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

Contractor's Signature (Permitee)

Contractor's License Number CBC # 1257883
Columbia County
Competency Card Number 1109 0/L

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

Personally known X **or Produced Identification** _____

State of Florida Notary Signature (For the Contractor) **SEAL:**

NENA L. MARTIN
Notary Public - State of Florida
My Comm. Expires Oct 3, 2014
Commission # EE 31600
Bonded Through National Notary Assn.

NOTICE OF COMMENCEMENT

Clerk's Office Stamp

Inst:201112008919 Date:6/13/2011 Time:3:43 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1216 P:735

Tax Parcel Identification Number:

35-7S-16-04346-014

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

1. Description of property *(legal description)*: LOT13 BLOCK SEC. 2 - RUM ISLAND RANCHES UNREC
   a) Street *(job)* Address: 502 SW RATTLESNAKE GLEN, FORT WHITE, FLORIDA 32038
2. General description of improvements: NEW HOME - 2-STORIES APPROX 2300SF
3. Owner Information
   a) Name and address: COX, ROGER L. & MARION TRUSTEES
   b) Name and address of fee simple titleholder (if other than owner) _____
   c) Interest in property OWNER
4. Contractor Information
   a) Name and address: JOHN R. FEENEY - CONSTRUCTION LLC 2841 SE 46TH WAY, TRENTON, FL 32693
   b) Telephone No.: (352) 682-4660 Fax No. (Opt.) (352) 472-6666
5. Surety Information
   a) Name and address: N/A
   b) Amount of Bond: _____
   c) Telephone No.: _____ Fax No. (Opt.) _____
6. Lender
   a) Name and address: N/A
   b) Phone No. _____
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
   a) Name and address: ROGER L. COX 932 NW 45TH TERR GAINESVILLE FL 32605
   b) Telephone No.: 352-372-9044 Fax No. (Opt.) _____
8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(l)(b), Florida Statutes:
   a) Name and address: _____
   b) Telephone No.: _____ Fax No. (Opt.) _____
9. Expiration date of Notice of Commencement **(the expiration date is one year from the date of recording unless a different date is specified)**: _____

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

STATE OF FLORIDA
COUNTY OF COLUMBIA

10. Marion R. Cox Roger L. Cox
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager

MARION R COX ROGER L. COX
Printed Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 8 day of April, 20 11, by:
Sharon M. McCall as personal Banker **(type of authority, e.g. officer, trustee, attorney fact) for** Roger Cox & Marion Cox **(name of party on behalf of whom instrument was executed).**

Personally Known _____ OR Produced Identification ✓ Type FL DL C200-739-33-005-0 Roger Cox
FL DL C200-556-37-827-0 Marion Cox

Notary Signature Sharon M. McCall Notary Stamp or Seal:

SHARON M. MCCALL
Notary Public - State of Florida
My Commission Expires May 7, 2011
Commission # DD 670769
Bonded Through National Notary Assn.

---AND---

11. 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.

Marion R. Cox Roger L. Cox
Signature of Natural Person Signing (in line #10 above.)

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

PERMIT #: 12-SC-1348416
APPLICATION #: AP1034736
DATE PAID: 5/3/11
FEE PAID: 475.00
RECEIPT #: 1398944
DOCUMENT #: PR845706

CONSTRUCTION PERMIT FOR: OSTDS New

APPLICANT: ROGER**11-0223 COX

PROPERTY ADDRESS: 502 SW RATTLESNAKE Gln Fort White, FL 32038

LOT: 13 BLOCK: SUBDIVISION: Rum Island Ranches

PROPERTY ID #: 04346-014 [SECTION, TOWNSHIP, RANGE, PARCEL NUMBER] [OR TAX ID NUMBER]

SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS AND STANDARDS OF SECTION 381.0065, F.S., AND CHAPTER 64E-6, F.A.C. DEPARTMENT APPROVAL OF SYSTEM DOES NOT GUARANTEE SATISFACTORY PERFORMANCE FOR ANY SPECIFIC PERIOD OF TIME. ANY CHANGE IN MATERIAL FACTS, WHICH SERVED AS A BASIS FOR ISSUANCE OF THIS PERMIT, REQUIRE THE APPLICANT TO MODIFY THE PERMIT APPLICATION. SUCH MODIFICATIONS MAY RESULT IN THIS PERMIT BEING MADE NULL AND VOID. ISSUANCE OF THIS PERMIT DOES NOT EXEMPT THE APPLICANT FROM COMPLIANCE WITH OTHER FEDERAL, STATE, OR LOCAL PERMITTING REQUIRED FOR DEVELOPMENT OF THIS PROPERTY.

SYSTEM DESIGN AND SPECIFICATIONS

T [900] GALLONS / GPD Septic Tank CAPACITY
A [ ] GALLONS / GPD N/A CAPACITY
N [ ] GALLONS GREASE INTERCEPTOR CAPACITY [MAXIMUM CAPACITY SINGLE TANK:1250 GALLONS]
K [ ] GALLONS DOSING TANK CAPACITY [ ]GALLONS @[ ]DOSES PER 24 HRS #Pumps [ ]

D [375] SQUARE FEET Drainfield SYSTEM
R [ ] SQUARE FEET N/A SYSTEM
A TYPE SYSTEM: [x] STANDARD [ ] FILLED [ ] MOUND [ ]
I CONFIGURATION: [x] TRENCH [ ] BED [ ]
N
F LOCATION OF BENCHMARK: Survey Benchmark, nail painted orange in tree East of system site.
I ELEVATION OF PROPOSED SYSTEM SITE [23.00][INCHES / FT][ABOVE / BELOW]BENCHMARK/REFERENCE POINT
E BOTTOM OF DRAINFIELD TO BE [51.00][INCHES / FT][ABOVE / BELOW]BENCHMARK/REFERENCE POINT
L
D FILL REQUIRED: [0.00] INCHES EXCAVATION REQUIRED: [0.00] INCHES

O The licensed contractor installing the system is responsible for installing the minimum category of tank in accordance with s. 64E-6.013(3)(f), FAC.
T
H
E
R

SPECIFICATIONS BY: Jeremy X Gifford TITLE: Environmental Specialist I

APPROVED BY: Jeremy X Gifford TITLE: Environmental Specialist I Columbia CHD

DATE ISSUED: 05/24/2011 EXPIRATION DATE: 11/24/2012

DH 4016, 08/09 (Obsoletes all previous editions which may not be used)
Incorporated: 64E-6.003, FAC

v 1.1.4 AP1034736 SE843800

550193/37903
5/8/11 5/6

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

PERMIT NO. 1-0013 1034736
DATE PAID: 5/9/11
FEE PAID: 1,295.00
RECEIPT #: 1598944

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

APPLICANT: COX, ROGER L. & MARION TRUSTEES

AGENT: JOHN R. FEENEY TELEPHONE: (352) 682-4660

MAILING ADDRESS: 2841 SE 46TH WAY, TRENTON, FLORIDA 32693

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

PROPERTY INFORMATION

LOT: 13 BLOCK: SEC.2 SUBDIVISION: RUM ISLAND RANCHES PLATTED: 1991

PROPERTY ID #: 35-7S-16-04346-014 ZONING: _____ I/M OR EQUIVALENT: [Y / N]

PROPERTY SIZE: 10 ACRES WATER SUPPLY: [✓] PRIVATE PUBLIC [ ]<=2000GPD [ ]>2000GPD

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

PROPERTY ADDRESS: 502 SW RATTLESNAKE GLEN ROAD, FORT WHITE, FLORIDA 32038

DIRECTIONS TO PROPERTY: CR138 TO RUM ISLAND ROAD TO RATTLESNAKE GLEN ROAD

DRIVE .33 MILES DOWN RATTLESNAKE GLEN. DRIVEWAY ON THE LEFT IS MARKED WITH SIGN..[COX]..

----------GATE LOCK COMBO IS 9044----------

BUILDING INFORMATION [✓] RESIDENTIAL [ ] COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	SINGLE FAMILY HOME	3	2200SF	Hold for 2nd level 5/10
2				
3				
4				

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

SIGNATURE: J R Feeney DATE: 4/25/2011

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

5/8/11 (4 Bedroom)

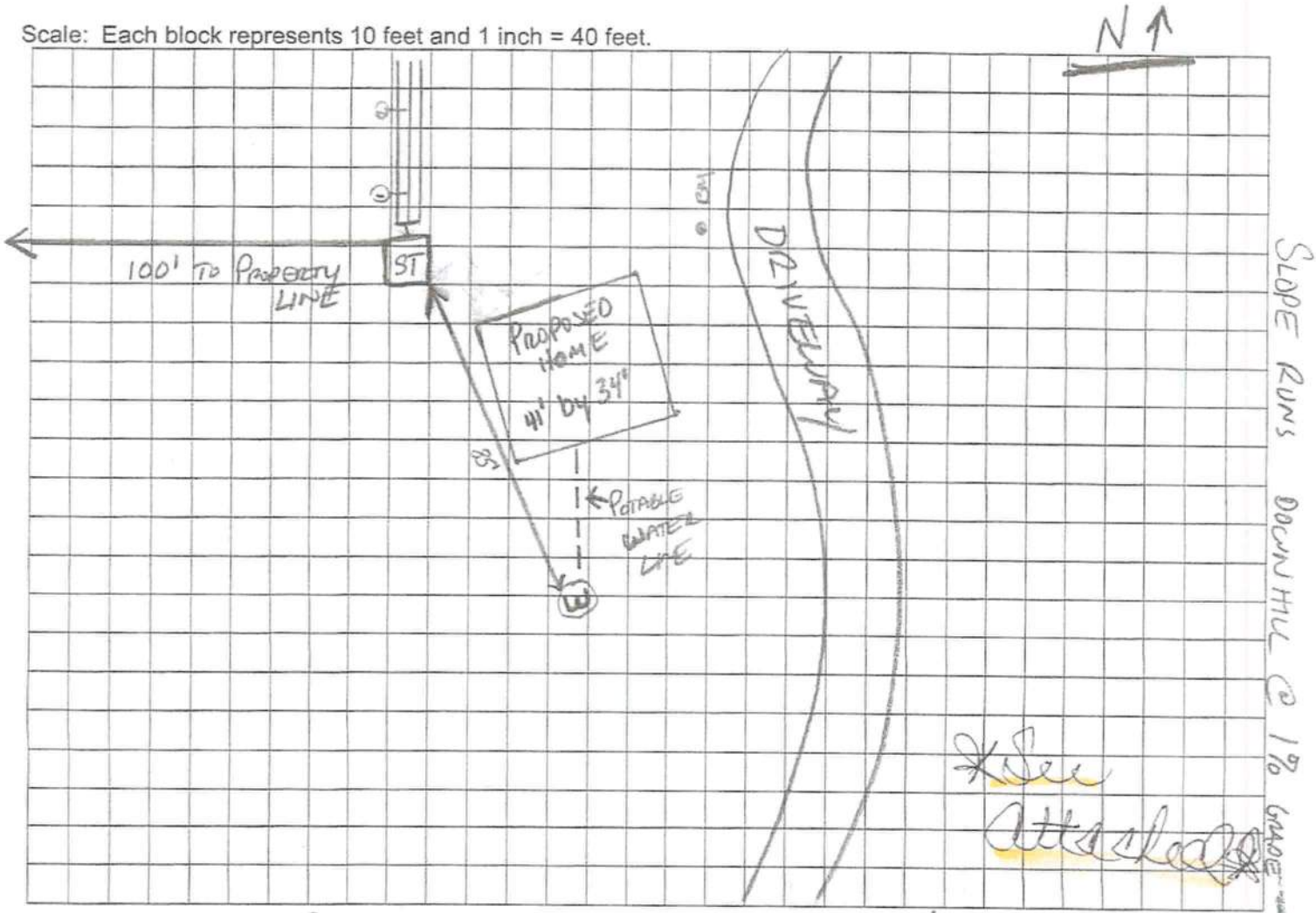
. SITE PLAN 2 OF 2

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR CONSTRUCTION PERMIT

Permit Application Number 11-1229

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

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



Notes: NEAREST PROPERTY LINE TO SEPTIC IS 100'.
SLOPE RUNS DOWNHILL FROM N TO S @ 1% GRADE
PROPOSED WELL TO SEPTIC DISTANCE = 85'
RESIDENSE TO SEPTIC DISTANCE = 15'

Site Plan submitted by: JOHN R FEENEY Agent

Plan Approved X Not Approved ____ Date 5/24/11

By _____ County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

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: 2/28/2011 **DATE ISSUED:** 3/2/2011

ENHANCED 9-1-1 ADDRESS:

502 SW RATTLESNAKE GLN

FORT WHITE FL 32038

PROPERTY APPRAISER PARCEL NUMBER:

35-7S-16-04346-014

Remarks:

ADDRESS FOR NEW STRUCTURE ON PARCEL.

Address Issued By: SIGNED: / RONAL N. CROFT

Columbia County 9-1-1 Addressing / GIS Department

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

1922

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER _____ CONTRACTOR JOHN R FEENEY - CONSTRUCTION LLC PHONE (352) 682-4660

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

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

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

ELECTRICAL	Print Name CK CONTRACTING - CHAD WHITE License #: EC 13002222	Signature _____ Phone #: (352) 472-9888
MECHANICAL/ A/C _____	Print Name NORTH CENTRAL FLORIDA AIR CONDITIONING - CHARLES FISCHER License #: CAC 057846	Signature _____ Phone #: (386) 454-4767
PLUMBING/ GAS	Print Name JERRYS PLUMBING - JERRY HOLDER License #: CFC 1426874	Signature _____ Phone #: (352) 472-2922
ROOFING	Print Name CROSIER AND SONS ROOFING - CLAYTON L. CROSIER License #: CCC 057716	Signature _____ Phone #: (352) 372-0200
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	000315	3-RIVERS MASONRY - DAN TAYLOR	Dan Taylor
CONCRETE FINISHER	000316	3-RIVERS MASONRY - DAN TAYLOR	Dan Taylor
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

ok ok ok

John R Feeney Construction

11-09

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

Contractor Forms: Subcontractor form: 6/09

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER _____ CONTRACTOR JOHN R FEENEY - CONSTRUCTION LLC PHONE (352) 682-4660

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

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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 543	Print Name CK CONTRACTING - CHAD WHITE License #: EC 13002222	Signature Phone #: (352) 472-9888
MECHANICAL/ A/C _____	Print Name NORTH CENTRAL FLORIDA AIR CONDITIONING - CHARLES FISCHER License #: CAC 057846	Signature Phone #: (386) 454-4767
PLUMBING/ GAS 579	Print Name JERRYS PLUMBING - JERRY HOLDER License #: CFC 1426874	Signature Phone #: (352) 472-2922
ROOFING	Print Name CROSIER AND SONS ROOFING - CLAYTON L. CROSIER License #: CCC 057716	Signature Phone #: (352) 372-0200
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	000315	3-RIVERS MASONRY - DAN TAYLOR	
CONCRETE FINISHER	000316	3-RIVERS MASONRY - DAN TAYLOR	
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

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

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER _____ CONTRACTOR JOHN R FEENEY - CONSTRUCTION LLC PHONE (352) 682-4860

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.

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ELECTRICAL	Print Name OK CONTRACTING - CHAD WHITE License #: EC 13002222	Signature _____ Phone #: (352) 472-9888
MECHANICAL/ A/C _____	Print Name NORTH CENTRAL FLORIDA AIR CONDITIONING - CHARLES FISCHER License #: CAC 057846	Signature _____ Phone #: (386) 454-4767
PLUMBING/ GAS	Print Name JERRYS PLUMBING - JERRY HOLDER License #: CFC 1426874	Signature _____ Phone #: (352) 472-2922
ROOFING dc 734	Print Name CROSIER AND SONS ROOFING - CLAYTON L. CROSIER License #: CCC 057716	Signature _____ Phone #: (352) 372-0200
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	000315	3-RIVERS MASONRY - DAN TAYLOR	
CONCRETE FINISHER	000316	3-RIVERS MASONRY - DAN TAYLOR	
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

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

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 dk 543	Print Name CK CONTRACTING - CHAD WHITE License #: EC 13002222	Signature Phone #: (352) 472-9888
MECHANICAL/ A/C	Print Name NORTH CENTRAL FLORIDA AIR CONDITIONING - CHARLES FISCHER License #: CAC 057846	Signature Charles Fischer Phone #: (386) 454-4767
PLUMBING/ GAS	Print Name JERRYS PLUMBING - JERRY HOLDER License #: CFC 1426874	Signature Phone #: (352) 472-2922
ROOFING	Print Name CROSIER AND SONS ROOFING - CLAYTON L. CROSIER License #: CCC 057716	Signature Phone #: (352) 372-0200
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
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CONCRETE FINISHER	000316	3-RIVERS MASONRY - DAN TAYLOR	
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CABINET INSTALLER			
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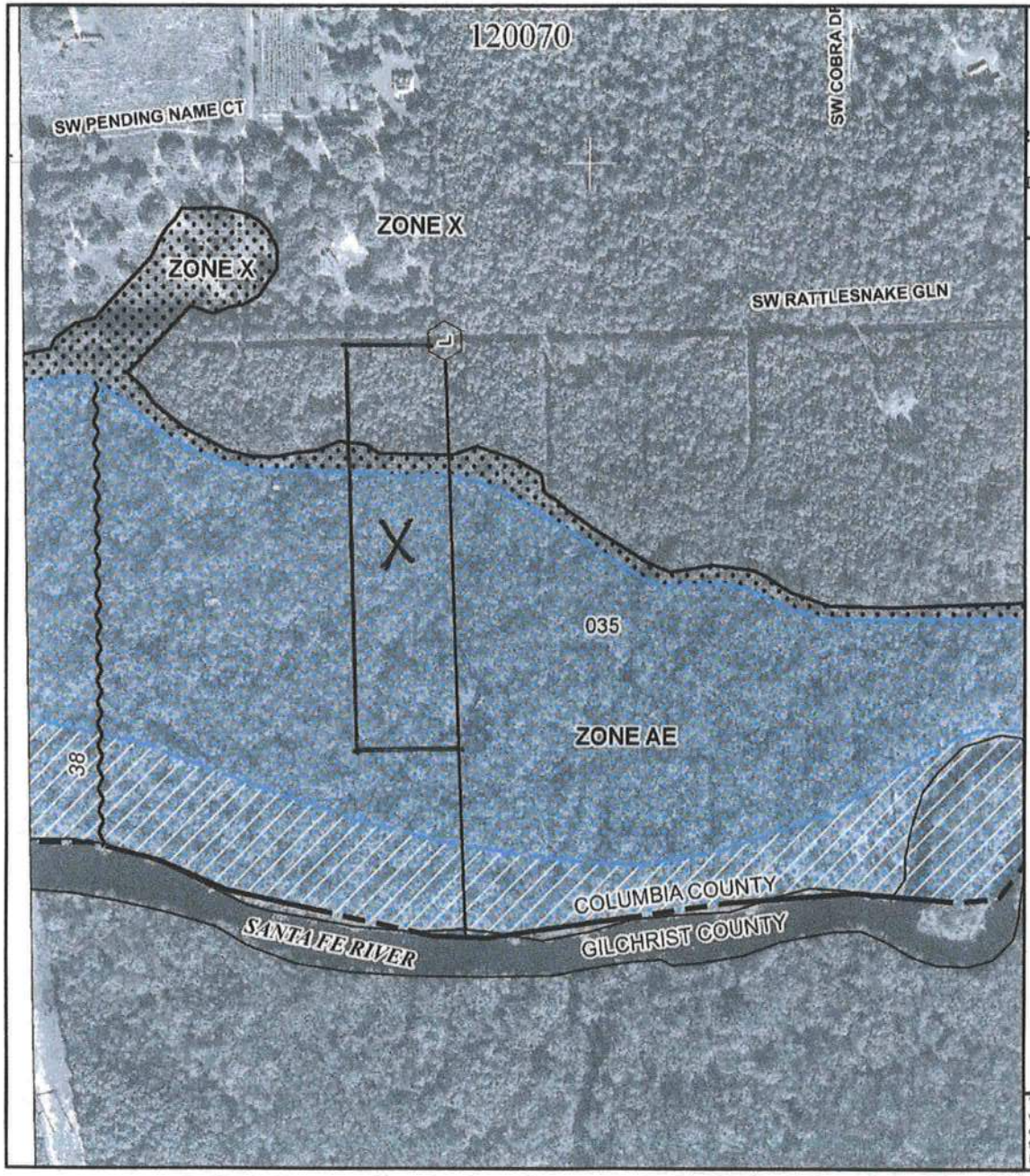


MAP SCALE 1" = 500'

250 0 500 1000 FEET

METER

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0533C

FIRM

FLOOD INSURANCE RATE MAP

COLUMBIA COUNTY, FLORIDA
AND INCORPORATED AREAS

PANEL 533 OF 552
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
COLUMBIA COUNTY	120070	0533	C

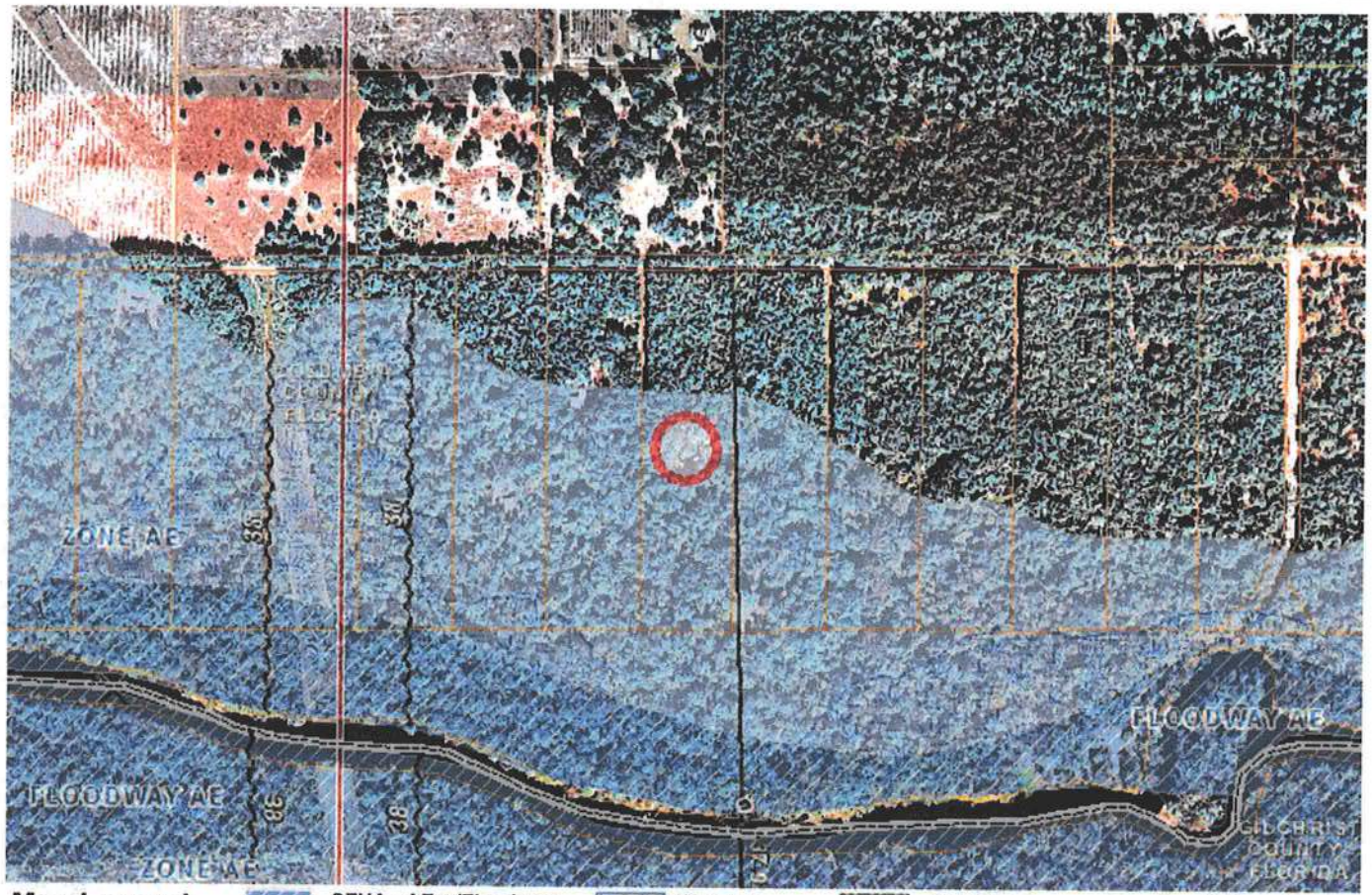
Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
12023C0533C

EFFECTIVE DATE
FEBRUARY 4, 2009

Federal Emergency Management Agency

Suwannee River Water Management District
Flood Information Report



Map Legend

Flood Zones described on Page 2

- SFHA - AE w/Floodway
- SFHA - Zones AE, AH, AO
- SFHA - Zone A
- Wetlands
- FIRM Panel
- State Lands
- Counties
- SRWMD
- Parcels
- Depressions
- BFE
- Cross Sections

LOCATION

Date: 06-20-2011

Parcel: 35-7S-16-04346-014

County: Columbia

STR: S035 T07 R16

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

FLOOD INFORMATION

FIRM Panel(s): 12001C0085D,12023C0533C,12041C0133D

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

Flood Zone(s): X 0.2 PCT, AE

1% Annual Chance Flood Elev (BFE): 38.4 (feet)

Floodway: No

10% Annual Chance Flood Elev: 33.2 (feet)

50% Annual Chance Flood Elev: 28.9 (feet)

Note: Elevations are based on NAVD88

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

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

Brian Kepner

From: Tim Delbene [tim@dfla.com]
Sent: Tuesday, June 21, 2011 10:27 AM
To: Brian Kepner
Subject: Re: Cox Trust, Lot 13 Rum Island Ranches

Yes...we surveyed (and flagged) a contour at 38.4 elevation. The grade North of that line is above that elevation.

-Tim

----- Original Message -----
From: Brian Kepner
To: 'Tim Delbene'
Sent: Tuesday, June 21, 2011 8:17 AM
Subject: RE: Cox Trust, Lot 13 Rum Island Ranches

Tim,

So what you are saying is that based on elevation contour survey that was done for the property, the existing grade of the proposed location of the house is above the flood elevation of 83 feet.

Brian

From: Tim Delbene [mailto:tim@dfla.com]
Sent: Monday, June 20, 2011 3:46 PM
To: Brian Kepner
Subject: Re: Cox Trust, Lot 13 Rum Island Ranches

Brian-

I have attached a pdf of the SRMWD flood report showing the BFE we used. Also attached is a pdf of the FIRM, with the parcel sketched on it. The BFE indicator line to the West shows 38'...there is a 39' BFE indicator line further to the East, so the parcel's BFE should fall between 38 and 39, as given by the SRMWD flood report.

The reason for the different positions is that our platted line results from surveying the contour of the BFE directly on the ground. Give me a call if you want to discuss.

-Tim

----- Original Message -----
From: Brian Kepner
To: 'Tim Delbene'
Sent: Monday, June 20, 2011 11:44 AM
Subject: Cox Trust, Lot 13 Rum Island Ranches

Tim,

I have a copy of a survey for Donald F. Lee and Associates for the above referenced lot. The survey is showing the AE flood zone at approximately 600 feet from the south property line and a base flood elevation of 38.4 feet. I am showing that the AE zone extends approximately 820 feet from the south property line and a base flood elevation of 37.9 feet. I think we may have to get together to look at this to see how we came up with different data.

Brian Kepner

Columbia County
Land Development
Regulation Administrator
386.754.7119
386.758.2160 FAX

Base Flood Elevation (BFE)

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

A

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

AE, A1-A30

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

AH

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

AO

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

Supplemental Information:

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

AE FW (FLOODWAYS)

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

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

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

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

X

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

LINKS

FEMA:

http://www.fema.gov

SRWMD:

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

CONTACT

SRWMD
9225 County Road 49
Live Oak, FL 32060

(386) 362-1001

Toll Free:
(800) 226-1066

PRODUCT APPROVAL SPECIFICATION SHEET

Location: 502 SW RATTLESNAKE GLEN ROAD **Project Name:** COX RESIDENCE

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	BUIDLERS HARDWARE INC	FIBERGLASS INSWING DOOR 6068	FL13158
1. Swinging	PLASTPRO	FIBERGLASS INSWING DOOR 3068	FL 6142.8
2. Sliding	PGT	SGD 2500	FL 251.10
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung			
2. Horizontal Slider	MI	188 FIN	FL 12856
3. Casement			
4. Double Hung			
5. Fixed	MI	188 FIN	FL 12856
6. Awning			
7. Pass –through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	JAMES HARDIE	CEDARMILL FINISH PANELS	FL 13223.1
2. Soffits	JAMES HARDIE	VENTED SOFFIT	FL 13265.1
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles			
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf	GULF COAST SUPPLY	GULF-LOK STANDING SEAM ROOF	FL 12289.2
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
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			
2. Other			
G. STRUCTURAL COMPONENTS	SIMPSON STRONG TIE	SP1, SP2, SSP	FL 10456.41 & .42 & .48
	SIMPSON STRONG TIE	MTS16, LSSU210	FL 10447.8, FL 11473.3
1. Wood connector/anchor	SIMPSON STRONG TIE	MTSA24, HETA20, MGT, ABU66&ABU44	FL 13872.4, 13872.1,11470.7, 10849.6
2. Truss plates	MITEK INDUSTRIES	MT20 20 GA PLATE	FL 2197.3
3. Engineered lumber	GEORGIA PACIFIC SOUTH	BROADSPAN LVL	FL 10009.1
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

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

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

Contractor or Contractor's Authorized Agent Signature

Print Name

Date

Location

Columbia County Building Department

NOTICE TO PERMITEE: (Pursuant to SS 713.135)
AS A CONDITION OF THE ISSUANCE OF A PERMIT, YOU ***MUST*** PROVIDE A COPY OF THIS NOTICE TO THE PROPERTY OWNER.

JOHN R FEENEY — Permitee, Printed Name
Permitee Signature
6/7/2011 — Date

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

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.

This document explains Florida Statute 713, Part 1, as it pertains to home construction and remodeling, and provides tips on how you can avoid construction liens on your property.

Protecting Yourself

If you hire a contractor and the improvements cost more than $2,500, you should know the following:

- You may be liable if you pay your contractor and he then fails to pay his suppliers or contractors. There is a way to protect yourself: a Release of lien. Before you make any payment, be sure you receive this waiver from suppliers and subcontractors covering the materials used and work performed.
- Request from the contractor, via certified or registered mail, a list of all subcontractors and suppliers who have a contract with the contractor to provide services or materials to your property.
- If your contract calls for partial payments before the work is completed, gets a Partial Release of Lien covering all workers and materials used to that point.
- Before you make the last payment to your contractor, obtain and affidavit that specifies all unpaid parties who performed labor, services or provided materials to your property. Make sure that your contractor obtains releases from these parties before you make the final payment.
- Always file a Notice of Commencement before beginning a home construction or remodeling project. The local authority that issues building permits is required to provide this form. You must record the form with the Clerk of the Circuit Court in the county where the property being improved is located. Also post a certified copy at the job site. (In lieu of a certified copy, you may post an affidavit stating that a Notice of commencement has been recorded. Attach a copy of the Notice of commencement to the affidavit.)

- In addition, the building department is prohibited from performing the first inspecti9on if the Notice of Commencement is not also filed with the building department. You can also supply a notarized statement that the Notice has been filed, with a copy attached.

DBPR Customer Contact Center
1940 North Monroe Street
Tallahassee, Florida
32399-1027
Website: http://www.myflolrida.com/dbpr/
Phone
850 487-1395
Fax: 850 488-1830
Email
CallCenter@dbpr.state.fl.us
INTERNET
www.MyFlorida.com

The Notice of Commencement notes the intent to begin improvements, the location of the property, description of the work and the amount of bond (if any). It also identifies the property owner, contractor, surety, lender and other pertinent information. Failure to record a Notice of Commencement or incorrect information of the Notice could contribute to your having to pay twice for the same work or materials.

Whose Responsibility Is It To Get These Releases?
You can stipulate in the agreement with your contractor that he must provide all releases of lien. If it is not a part of the contract, however, or you act as your own contractor, YOU must get the releases. If you borrow money to pay for the improvements and the lender pays the contractor(s) directly, instruct the lender to get releases before making any payments. If your lender then fails to follow the legal requirements, the lending institution may be responsible to you for any loss.

What Can Happen If I Don't Get Releases of Lien?

You will not be able to sell your property unless all outstanding liens are paid. Sometimes a landowner can even be forced to sell his property to satisfy a lien.

Who Can Claim a Lien on My property?

Contractors, laborers, material suppliers, subcontractors and professionals such as architects, landscape architects, interior designers, engineers or land surveyors all have the right to file a claim of lien for work or materials. Always get a release of lien from anyone who does work on y our home.

Things You Should Know Before Starting

The most frequently cited complaints concerning home remodeling; home improvements and home repair are cost overruns, missed deadlines and inferior workmanship. Another persistent problem is "fly-bynight" contractors who take deposits or payments before finishing or starting work. When you need something done to your home, choose a contractor carefully. Be wary of door-to-door salespeople and telephone solicitors promising "this-month-only" bargains. Make sure your contractor is properly licensed and insured. The Construction Lien Law is complex and cannot be covered completely in this document. We recommend that whenever a specific problem arises, you consult an attorney.

To register a complaint (or to learn if Complaints have been filed against a prospective contractor)

Call:
Florida Department of Business and Professional Regulation, Customer Contact Center 850 487-1395

Email:
CallCenter@dbpr.state.fl.us

Write:
Florida Department of Business and Professional Regulation
1940 North Monroe Street
Tallahassee, Florida 32399-1027

Or go online to:
www.MyFlorida.com

Click on Business and Professional Licenses
To check al license on the Internet 24 hours a day, please visit www.MyFlorida.com and click on Business and Professional Licenses, then Search for a Licensee.
License verification is available 24/7 by calling our Customer Contract Center at 850 487-1395
You may also contact your local building department or the Better Business Bureau.

COLUMBIA COUNTY BUILDING DEPARTMENT 6-25-09
RESIDENTIAL CHECK LIST REQUIRMENTS

MINIMUM PLAN REQUIREMENTS FOR THE FLORIDA BUILDING CODE RESIDENTIAL 2007 EFFECTIVE 1 MARCH 2009 & 2009 SUPPLEMENTS EFFECTIVE 1 MARCH 2009, ONE (1) AND TWO (2) FAMILY DWELLINGS with Supplements and Revision, OF THE NATIONAL ELECTRICAL 2008

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current 2007 FLORIDA BUILDING CODES RESIDENTIAL EFFECTIVE 1 MARCH 2009 & 2009 SUPPLEMENTS EFFECTIVE 1 MARCH 2009. 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.)	2787 SF	Total (Sq. Ft.) under roof 2787SF	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.	✓		

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 YES	IIIII NO	IIIIII N/A
9	Basic wind speed (3-second gust), miles per hour	✓		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	✓		
11	Wind importance factor and nature of occupancy	✓		
12	The applicable internal pressure coefficient, Components and Cladding	✓		
13	The design wind pressure in terms of psf (kN/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	Show compliance with Section FBCR 310 Emergency escape and rescue opening shown in each bedroom (net clear opening shown) and Show compliance with Section FBCR 613.2 where the opening of an operable window is located more than 72 inches above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches above the finished floor of the room in which the window is located. Glazing between the floor and 24 inches shall be fixed or have openings through which a 4-inch-diameter sphere cannot pass.	✓		
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	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails 42" WELDED WROUGHT-IRON RAILINGS + BANNISTER	✓		
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 plans (see Florida product approval form)

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

FBCR 403: Foundation Plans

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	✓		
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 2000 Pound Per Square Foot SHEET D-2	✓		
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type) **For** structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an grounding electrode system. Per the National Electrical Code article 250.52.3	✓		

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 Sub mit other approved termite protection methods. **Protection shall be provided by registered termiticides**	✓		

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

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

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

Floor Framing System: First and/or second story

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer	✓		
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or 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			✓
48	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & inter of the areas structural panel sheathing			✓
49	Show Draftstopping, Fire caulking and Fire blocking	✓		
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 309			✓
51	Provide live and dead load rating of floor framing systems (psf).	✓		

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

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

FBCR :ROOF SYSTEMS:

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

FBCR 802:Conventional Roof Framing Layout

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

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

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

FBCR ROOF ASSEMBLIES FRC Chapter 9

71	Include all materials which will make up the roof 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**, *N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.*

	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	✓		
75	Exterior wall cavity	✓		
76	Crawl space			✓

HVAC information

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	✓		
78	Exhaust fans shown in bathrooms **Mechanical exhaust capacity of 50 cfm intermittent or 20 cfm continuous required**	✓		
79	Show clothes dryer route and total run of exhaust duct EXHAUST OUT NORTH WALL ~ 3' LENGTH OF RUN APPROX. 3'	✓		

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 1HP MOTOR	✓		
83	Reservoir pressure tank gallon capacity 22 GALLON TANK	✓		
84	Rating of cycle stop valve if used			✓

Electrical layout shown including

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

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

Notice Of Commencement

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

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

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	**Building Permit Application** A current Building Permit Application form is to be completed and submitted for all residential projects	✓		
93	**Parcel Number** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested	✓		
94	**Environmental Health Permit or Sewer Tap Approval** A copy of a approved Columbia County Environmental Health (386) 758-1058	✓		
95	**City of Lake City** A permit showing an approved waste water sewer tap			✓
96	**Toilet facilities shall be provided for all construction sites**	✓		
97	**Town of Fort White** (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			✓

98	**Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations			✓
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established	✓		
100	A development permit will also be required. Development permit cost is **$50.00**			
101	**Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (**$25.00**) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (**$50.00**). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.			✓
102	**911 Address:** If the project is located in an area where a 911 address has not been issued, then application for a 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 application or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws or ordinances.

Permit intent.

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

If work has commenced.

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

New Permit.

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

Work Shall Be:

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

The Fee:

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

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

This Instrument Prepared By1 and Return To:
JAMES G. LARCHE, JR., ESQUIRE
Scruggs & Carmichael, P.A.
3426 N.W. 43rd Street, Ste. B
Gainesville, Florida 32606

99-11288

FILED AND RECORDED IN PUBLIC RECORDS OF COLUMBIA COUNTY, FL
1999 JUN 29 AM 10:27

Tax Parcel ID# 35-7S-16-04396-019

WARRANTY DEED TO TRUSTEE UNDER TRUST AGREEMENT PURSUANT TO SECTION 689.071, FLORIDA STATUTES

June 25, 1999

THIS INDENTURE WITNESSETH: That the Grantors, ROGER L. COX and MARION R. COX, his wife, whose address is 932 N.W. 45th Terrace, Gainesville, Florida 32605, for and in consideration of Ten Dollars ($10.00) and other good and valuable considerations in hand paid, grant, bargains, sell, alien, remise, release, convey and confirm unto MARION R. COX and ROGER L. COX as Co-Trustees (hereafter "the Trustee", under Agreement with Marion R. Cox dated May 26, 1999, whose address is 932 N.W. 45th Terrace, Gainesville, Florida 32605, the following described real estate in Columbia County, Florida, to-wit:

> The East one-half of the East one-half of the Southeast one-quarter of the Northwest one-quarter of Section 35, Township 7 South, Range 16 East, Columbia County, Florida. (Containing 10 acres more or less).

SUBJECT TO:

1. Valid and enforeceable restrictions, reservations, conditions and limitations of record.
2. Valid and enforceable governmental zoning and other ordinances and regulations.

Grantor does not now reside on the above described real property nor has Grantor ever resided thereon. The above described real property is not the Grantor's homestead.

TO HAVE AND TO HOLD the said property in fee simple upon the trust and for the uses and purposes herein and in said trust agreement set forth.

Full power and authority is hereby granted to said Trustee to improve, subdivide, protect, conserve, sell, lease, encumber and otherwise manage and dispose of said property or any part thereof, to dedicate parks, streets, highways or alleys and to vacate any subdivision or part thereof, and to resubdivide said property as often as desired, to contract to sell, to grant options to purchase, to sell

Documentary Stamp .70
Intangible Tax
P. DeWitt Cason
Clerk of Court
By D.C.

BK 0883 PG 0949
OFFICIAL RECORDS

on any terms, to convey either with or without consideration, to convey said property or any part thereof to a successor or successors in trust and to grant to such successor or successors in trust all of the title, estate, powers and authorities vested in said Trustee, to donate, to dedicate, to mortgage, pledge or otherwise encumber said property, or any part thereof, to lease said property, or any part thereof, from time to time, in possession or reversion, by leases to commence in praesenti or futuro, and upon any terms and for any period or periods of time, not exceeding in the case of any single demise the term of 99 years, and to renew or extend leases upon any terms and for any period or periods of time and to amend, change or modify leases and the terms and provisions thereof at any time or times hereafter, to contract to make leases and to grant options to lease and options to renew leases and options to purchase the whole or any part of the reversion and to contract respecting the manner of fixing the amount of present or future rentals, to partition or to exchange said property, or any part thereof, for other real or personal property, to submit said property to condominium, to grant any right, title or interest in or about or easement appurtenant to said premises or any part thereof, and to deal with said property and every part thereof in all other ways and for such other considerations as it would be lawful for any person owning the same to deal with the same, whether similar to or different from the ways above specified, at any time or times hereafter.

Any contract, obligation or indebtedness incurred or entered into by the Trustee in connection with said property shall be as Trustee of an express trust and not individually, and the Trustee shall have no obligation whatsoever with respect to any such contract, obligation or indebtedness except only so far as the trust property in the actual possession of the Trustee shall be applicable for the payment and discharge thereof; and it shall be expressly understood that any representations, warranties, covenants, undertakings and agreements of said Trustee, are nevertheless made and intended not as personal representations, warranties, covenants, undertakings and agreements by the Trustee or for the purpose or with the intention of binding said Trustee personally, but are made and intended for the purpose of binding only the trust property specifically described herein; and that no personal liability or personal responsibility is assumed by nor shall at any time be asserted or enforceable against the Trustee individually on account of any instrument executed by or on account of any representation, warranty, covenant, undertaking or agreement of the said Trustee, either expressed or implied, all such personal liability, if any, being expressly waived and released and all persons and corporations whomsoever and whatsoever shall be charged with notice of this condition from the date of the filing for record of this Deed.

In no case shall any party dealing with said Trustee in relation to said property, or to BK 0883 PG 0951 whom said property or any part thereof shall be conveyed, contracted to be sold, leased or mortgaged by said Trustee, be obliged to see to the application of any purchase money, rent, or money borrowed OFFICIAL RECORDS or advanced on said property, or be obliged to see that the terms of this trust have been complied with, or be obliged to inquire into the necessity or expediency of any act of said Trustee, or be obliged or privileged to inquire into any of the terms of said trust agreement; and every deed, trust deed, mortgage, lease or other instrument executed by said Trustee in relation to said property shall be conclusive evidence in favor of every person relying upon or claiming under any such conveyance, lease or other instrument, (a) that at the time of the delivery thereof the trust created by this Indenture and by said trust agreement was in full force and effect, (b) that such conveyance or other instrument was executed in accordance with the trusts, conditions and limitations contained in this Indenture and in said trust agreement or in some amendment thereof and binding upon all beneficiaries thereunder, (c) that the Trustee was duly authorized and empowered to execute and deliver every such deed, trust deed, lease, mortgage or other instrument and (d) if the conveyance is made to a successor or successors in trust, that such successor or successors in trust have been properly appointed and are fully vested with all the title, estate, rights, powers, authorities, duties and obligations of its, his or their predecessor in trust.

AND the Grantors hereby covenants with said Grantee that Grantors are lawfully seized of said property in fee simple; that the Grantors have good right and lawful authority to sell and convey said property; that the Grantors hereby fully warrant the title to said property and will defend the same against the lawful claims of all persons whomsoever; and that said property is free of all encumbrances; except taxes accruing subsequent to December 31, 1998.

IN WITNESS WHEREOF, the said Grantors have hereunto set their hands and seals, this 25 day of June, 1999.

Signed, sealed and delivered
in the presence of:

Kathy M. Mercer
Witness:
KATHY M. MERCER
Print Name:

Witness:
JAMES G. [illegible]
Print Name:
As to Mr. Cox

Roger L. Cox
ROGER L. COX

Witness: KATHY M. MERCER

Print Name:

Witness: JAMES G. LARCHE, JR.

Print Name:

MARION R. COX

BK 0883 PG 0952

OFFICIAL RECORDS

As to Mrs. Cox

STATE OF FLORIDA
COUNTY OF ALACHUA

The foregoing instrument was acknowledged before me this 25th day of June, 1999, by ROGER L. COX and MARION R. COX, his wife, who are personally known to me.

JAMES G. LARCHE, JR.
Notary Public, State of Florida at Large

(NOTARY SEAL)

JAMES G. LARCHE, JR.
MY COMMISSION # CC 788085
EXPIRES: November 3, 2002
Bonded Thru Notary Public Underwriters

WARRANTY DEED
(FROM CORPORATION)

RAMCO FORM 33

This Warranty Deed Made and executed the 7th day of August A. D. 19 87 by

VanJay Development Corporation

a corporation existing under the laws of Florida, and having its principal place of business at 821 NW 13th Street, Gainesville, Fl. 32601 hereinafter called the grantor, to

ROGER L. COX and MARION R. COX, husband and wife

whose postoffice address is

460 S.W. 67th Terrace, Plantation, Florida 33314

hereinafter called the grantee:

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

Witnesseth: That the grantor, for and in consideration of the sum of $ .00 and other valuable considerations, receipt whereof is hereby acknowledged, by these presents does grant, bargain, sell, alien, remise, release, convey and confirm unto the grantee, all that certain land situate in County, Florida, viz:

The East one-half of the East one-half of the Southeast one-quarter of the Northwest one-quarter of Section 35, Township 7 South, Range 16 East, Columbia County, Florida.
(Containing 10 acres more or less)

1983

1989 DEC 28 AM 9:35

DOCUMENTARY STAMP 55.00
INTANGIBLE TAX 0
P. DeWITT CASON, CLERK OF COURTS, COLUMBIA COUNTY
BY D.C.

RECORDED AND VERIFIED
P. DeWitt Cason
CLERK OF COURTS
COLUMBIA COUNTY, FLORIDA
D.C.

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And the grantor hereby covenants with said grantee that it is lawfully seized of said land in fee simple; that it has good right and lawful authority to sell and convey said land; that it hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances

BK 0705 PG 0538

OFFICIAL RECORDS

(CORPORATE SEAL)

In Witness Whereof the grantor has caused these presents to be executed in its name, and its corporate seal to be hereunto affixed, by its proper officers thereunto duly authorized, the day and year first above written.

ATTEST: Ingrid Williams
INGRID WILLIAMS Secretary

VanJay Development Corporation

Signed, sealed and delivered in the presence of:

Christina A. Young

Maggie I. Davis

By Jay Williams
JAY WILLIAMS President

STATE OF FLORIDA
COUNTY OF ALACHUA

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared JAY WILLIAMS and INGRID WILLIAMS

well known to me to be the President and SECRETARY respectively of the corporation named as grantor in the foregoing deed, and they severally acknowledged executing the same in the presence of two subscribing witnesses freely and voluntarily under authority duly vested in them by said corporation and that the seal affixed thereto is the true corporate seal of said corporation.

WITNESS my hand and official seal in the County and State last aforesaid this 7th day of August A. D. 19 87

NOTARY PUBLIC

Cathy L. Williams

NOTARY PUBLIC, STATE OF FLORIDA AT LARGE
MY COMMISSION EXPIRES FEBRUARY 5, 1988

This Instrument prepared by:
Address

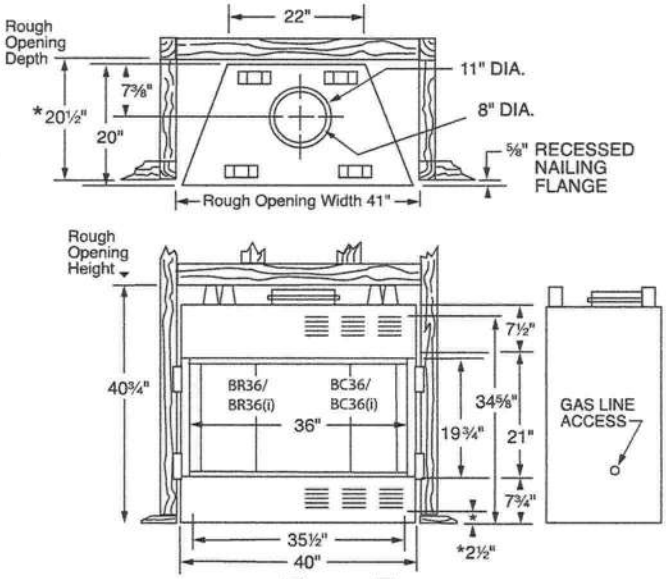
THIS INSTRUMENT PREPARED BY
JAY WILLIAMS, PRES.
VAN JAY DEV. CORP.
821 N. W. 13th STREET
GAINESVILLE, FLA. 32601

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS.
By Rose Ann Ruell Deputy Clerk
Date January 31 2011

CLERK CIRCUIT COURT COLUMBIA COUNTY, FLORIDA

PRODUCT SPECIFICATIONS

BC36 Circulating and BR36 Radiant Wood Burning Fireplaces



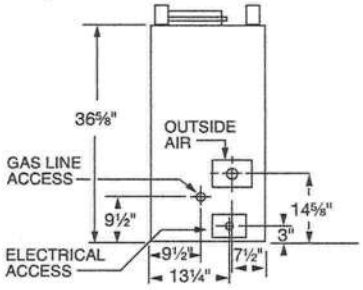
FIREPLACE OPENING

Front opening width: 36"
Front opening height: 21"

TECHNICAL INFORMATION

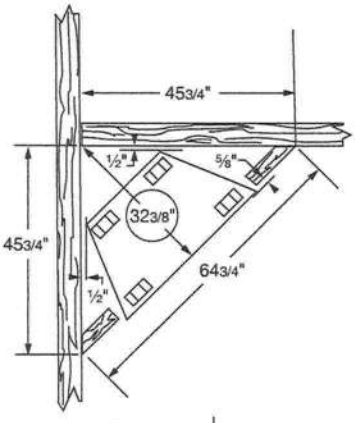
Flue Series (Std.): SK8 Double Wall
Flue Size: 8" Inner; 11" Outer
Clearance to Chimney Pipe: 1-1/2"
Firestop Framing: 14-1/2" x 14-1/2"
Minimum Flue Height: 12' 6"
Maximum Flue Height: 90'
Minimum Height with 2 Elbows: 14' 6"
Minimum Height with 4 Elbows: 21'
Clearance to Fireplace: 1/2" to sides and back
Minimum Hearth Extension Size: 16" x 48"
UL/ULC Design Certified

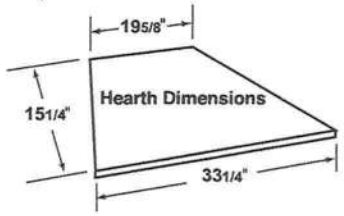
*If elbows are offset to the back of the unit, chase depth will be 22⅝" (575mm).



FIELD INSTALLED ACCESSORIES

Bi-fold Glass Doors: Brushed Brass, Black, Polished Brass, Pewter
EB1: Electrical Junction Box (BC36 only)
SCVS: Variable Speed Control for Fan (BC36 only)
Fan Kit: FK12 (BC36 only)
Outside Air Kit: AK-MST
Terminations (Std.): SK8 Series RLTSK8, RLTSK8L, PLTSK8, SLTSK8





MADE IN U.S.A.

LISTED

A Brand of Monessen Hearth Systems Co.
149 Cleveland Drive, Paris, Kentucky 40361
www.majesticproducts.com

MAJESTIC

Roger And Marion Cox
HVAC Load Calculations

for

John Friney

Elite Software

RHVAC RESIDENTIAL HVAC LOADS

Prepared By:

Chuck Fischer
North Central Florida Air Conditioning I
P. O. Box 700
High Springs Fl 32655-0700
(386) 454-4767
Friday, June 10, 2011

Project Report

General Project Information

Project Title:	Roger And Marion Cox
Designed By:	Chuck Fischer
Project Date:	Thursday, June 09, 2011
Client Name:	John Friney
Company Name:	North Central Florida Air Conditioning I
Company Representative:	Chuck Fischer
Company Address:	P. O. Box 700
Company City:	High Springs Fl 32655-0700
Company Phone:	(386) 454-4767
Company Fax:	(386) 454-4854
Company Comment:	heat load for addition

Design Data

Reference City:		Gainesville, Florida
Daily Temperature Range:		Medium
Latitude:	29	Degrees
Elevation:	152	ft.
Altitude Factor:	0.995	
Elevation Sensible Adj. Factor:	1.000	
Elevation Total Adj. Factor:	1.000	
Elevation Heating Adj. Factor:	1.000	
Elevation Heating Adj. Factor:	1.000	

	Outdoor Dry Bulb	Outdoor Wet Bulb	Indoor Rel.Hum	Indoor Dry Bulb	Grains Difference
Winter:	31	0	50	72	38
Summer:	93	77	50	75	50

Check Figures

Total Building Supply CFM:	1,677	CFM Per Square ft.:	0.602
Square ft. of Room Area:	2,787	Square ft. Per Ton:	702
Volume (ft³) of Cond. Space:	24,282	Air Turnover Rate (per hour):	4.1

Building Loads

Total Heating Required With Outside Air:	55,110 Btuh	55.110	MBH
Total Sensible Gain:	36,684 Btuh	85	%
Total Latent Gain:	6,632 Btuh	15	%
Total Cooling Required With Outside Air:	43,316 Btuh	3.61	Tons (Based On Sensible + Latent)
		3.97	Tons (Based On 77% Sensible Capacity)

Notes

Calculations are based on 8th edition of ACCA Manual J.
All computed results are estimates as building use and weather may vary.
Be sure to select a unit that meets both sensible and latent loads.

Load Preview Report

Scope	Area	Sens Gain	Lat Gain	Net Gain	Sens Loss	Win CFM	Sum CFM	Sys CFM	Duct Size
Building: 3.61 Net Tons, 3.97 Recommended Tons, 702 ft.²/Ton, 55.11 MBH Heating									
Building	2,787	36,684	6,632	43,316	55,110	720	1,677	1,677	
System 1: 3.61 Net Tons, 3.97 Recommended Tons, 702 ft.²/Ton, 55.11 MBH Heating									
System 1	2,787	36,684	6,632	43,316	55,110	720	1,677	1,677	18x17
Zone 1	2,787	36,684	6,632	43,316	55,110	720	1,677	1,677	
1-Master Bedroom	282	3,592	1,119	4,711	7,133	93	164	164	1-8
2-Master Bath	143	2,934	497	3,431	6,037	79	134	134	1-7
3-Power Room	60	491	0	491	67	1	22	22	1-3
4-Laundry Room	83	1,446	170	1,616	1,812	24	66	66	1-5
5-Kitchen	195	3,349	459	3,808	2,416	32	153	153	1-7
6-Family Room	462	5,378	1,207	6,585	14,816	193	246	246	2-7
7-Dining	194	1,372	217	1,589	2,045	27	63	63	1-5
8-Bedroom 2	204	2,844	717	3,561	3,563	47	130	130	1-7
9-Bath 2	88	1,403	139	1,542	1,009	13	64	64	1-5
10-Bedroom 3	218	2,904	730	3,634	3,652	48	133	133	1-7
11-Up Stair W.I.C	66	359	185	544	1,771	23	16	16	1-3
12-Loft	792	10,608	1,192	11,800	10,789	141	485	485	3-8

Total Building Summary Loads

Component Description	Area Quan	Sen Loss	Lat Gain	Sen Gain	Total Gain
2A-m-o: Glazing-Double pane low-e (e = 0.60), operable window, metal frame no break, ground reflectance = 0.32, light color blinds at 45° with 25% coverage	17.7	609	0	391	391
2A-b-o: Glazing-Double pane low-e (e = 0.60), operable window, metal frame with break, ground reflectance = 0.23, outdoor insect screen with 50% coverage, light color blinds at 45° with 25% coverage, external shade screen coefficient of 0.45 and 50% coverage	107	2,763	0	2,020	2,020
2B-m-o: Glazing-Double pane low-e (e = 0.60), fixed sash, metal frame no break, ground reflectance = 0.23, light color blinds at 45° with 25% coverage	38	1,044	0	724	724
2A-b-o: Glazing-Double pane low-e (e = 0.60), operable window, metal frame with break, ground reflectance = 0.32, outdoor insect screen with 50% coverage, light color blinds at 45° with 25% coverage, external shade screen coefficient of 0.45 and 50% coverage	24	620	0	396	396
10C-b: Glazing-French door, double pane low-e glass (e = 0.40), metal frame with break, ground reflectance = 0.32, light color blinds at 45° with 25% coverage	34	1,018	0	663	663
2A-m-o: Glazing-Double pane low-e (e = 0.60), operable window, metal frame no break, ground reflectance = 0.32, outdoor insect screen with 50% coverage, light color blinds at 45° with 25% coverage, external shade screen coefficient of 0.45 and 50% coverage	40.8	1,405	0	812	812
2B-w-o: Glazing-Double pane low-e (e = 0.60), fixed sash, wood frame, ground reflectance = 0.23, light color blinds at 45° with 25% coverage	150	3,320	0	6,828	6,828
11P: Door-Polyurethane Core	20.4	243	0	172	172
13A-5fcs: Wall-Block, board insulation only, R-5 board insulation, filled core, siding finish	1199.5	5,164	0	2,305	2,305
12E-2sw: Wall-Frame, R-19 insulation in 2 x 6 stud cavity, R-2 board insulation, siding finish, wood studs	980.8	2,533	0	1,131	1,131
16DR-30: Roof/Ceiling-Under attic or knee wall, Vented Attic with Radiant Barrier, White or Light Color Shingles, Any Wood Shake, Light Metal, Tar and Gravel Membrane, R-30 insulation	1302.2	1,708	0	1,375	1,375
16C-30: Roof/Ceiling-Under attic or knee wall, Vented Attic, No Radiant Barrier, White or Light Color Shingles, Any Wood Shake, Light Metal, Tar and Gravel or Membrane, R-30 insulation	66	87	0	91	91
22A-ph: Floor-Slab on grade, No edge insulation, no insulation below floor, any floor cover, passive, heavy moist soil	163	9,074	0	0	0
Subtotals for structure:		29,588	0	16,908	16,908
People:	5		1,150	1,500	2,650
Equipment:			0	1,200	1,200
Lighting:	2280			7,775	7,775
Ductwork:		9,185	0	6,114	6,114
Infiltration: Winter CFM: 364, Summer CFM: 162		16,337	5,482	3,187	8,669
Ventilation: Winter CFM: 0, Summer CFM: 0		0	0	0	0
Total Building Load Totals:		55,110	6,632	36,684	43,316

Check Figures

Total Building Supply CFM:	1,677	CFM Per Square ft.:	0.602
Square ft. of Room Area:	2,787	Square ft. Per Ton:	702
Volume (ft³) of Cond. Space:	24,282	Air Turnover Rate (per hour):	4.1

Total Building Summary Loads (cont'd)

Building Loads

Total Heating Required With Outside Air:	55,110 Btuh	55.110	MBH
Total Sensible Gain:	36,684 Btuh	85	%
Total Latent Gain:	6,632 Btuh	15	%
Total Cooling Required With Outside Air:	43,316 Btuh	3.61	Tons (Based On Sensible + Latent)
		3.97	Tons (Based On 77% Sensible Capacity)

Notes

Calculations are based on 8th edition of ACCA Manual J.
All computed results are estimates as building use and weather may vary.
Be sure to select a unit that meets both sensible and latent loads.

System 1 Main Floor Summary Loads

Component Description	Area Quan	Sen Loss	Lat Gain	Sen Gain	Total Gain
2A-m-o: Glazing-Double pane low-e (e = 0.60), operable window, metal frame no break, ground reflectance = 0.32, light color blinds at 45° with 25% coverage	17.7	609	0	391	391
2A-b-o: Glazing-Double pane low-e (e = 0.60), operable window, metal frame with break, ground reflectance = 0.23, outdoor insect screen with 50% coverage, light color blinds at 45° with 25% coverage, external shade screen coefficient of 0.45 and 50% coverage	107	2,763	0	2,020	2,020
2B-m-o: Glazing-Double pane low-e (e = 0.60), fixed sash, metal frame no break, ground reflectance = 0.23, light color blinds at 45° with 25% coverage	38	1,044	0	724	724
2A-b-o: Glazing-Double pane low-e (e = 0.60), operable window, metal frame with break, ground reflectance = 0.32, outdoor insect screen with 50% coverage, light color blinds at 45° with 25% coverage, external shade screen coefficient of 0.45 and 50% coverage	24	620	0	396	396
10C-b: Glazing-French door, double pane low-e glass (e = 0.40), metal frame with break, ground reflectance = 0.32, light color blinds at 45° with 25% coverage	34	1,018	0	663	663
2A-m-o: Glazing-Double pane low-e (e = 0.60), operable window, metal frame no break, ground reflectance = 0.32, outdoor insect screen with 50% coverage, light color blinds at 45° with 25% coverage, external shade screen coefficient of 0.45 and 50% coverage	40.8	1,405	0	812	812
2B-w-o: Glazing-Double pane low-e (e = 0.60), fixed sash, wood frame, ground reflectance = 0.23, light color blinds at 45° with 25% coverage	150	3,320	0	6,828	6,828
11P: Door-Polyurethane Core	20.4	243	0	172	172
13A-5fcs: Wall-Block, board insulation only, R-5 board insulation, filled core, siding finish	1199.5	5,164	0	2,305	2,305
12E-2sw: Wall-Frame, R-19 insulation in 2 x 6 stud cavity, R-2 board insulation, siding finish, wood studs	980.8	2,533	0	1,131	1,131
16DR-30: Roof/Ceiling-Under attic or knee wall, Vented Attic with Radiant Barrier, White or Light Color Shingles, Any Wood Shake, Light Metal, Tar and Gravel Membrane, R-30 insulation	1302.2	1,708	0	1,375	1,375
16C-30: Roof/Ceiling-Under attic or knee wall, Vented Attic, No Radiant Barrier, White or Light Color Shingles, Any Wood Shake, Light Metal, Tar and Gravel or Membrane, R-30 insulation	66	87	0	91	91
22A-ph: Floor-Slab on grade, No edge insulation, no insulation below floor, any floor cover, passive, heavy moist soil	163	9,074	0	0	0
Subtotals for structure:		29,588	0	16,908	16,908
People:	5		1,150	1,500	2,650
Equipment:			0	1,200	1,200
Lighting:	2280			7,775	7,775
Ductwork:		9,185	0	6,114	6,114
Infiltration: Winter CFM: 364, Summer CFM: 162		16,337	5,482	3,187	8,669
Ventilation: Winter CFM: 0, Summer CFM: 0		0	0	0	0
System 1 Main Floor Load Totals:		55,110	6,632	36,684	43,316

Check Figures

Supply CFM:	1,677	CFM Per Square ft.:	0.602
Square ft. of Room Area:	2,787	Square ft. Per Ton:	702
Volume (ft³) of Cond. Space:	24,282	Air Turnover Rate (per hour):	4.1

System 1 Main Floor Summary Loads (cont'd)

System Loads

Total Heating Required With Outside Air:	55,110 Btuh	55.110	MBH
Total Sensible Gain:	36,684 Btuh	85	%
Total Latent Gain:	6,632 Btuh	15	%
Total Cooling Required With Outside Air:	43,316 Btuh	3.61	Tons (Based On Sensible + Latent)
		3.97	Tons (Based On 77% Sensible Capacity)

Notes

Calculations are based on 8th edition of ACCA Manual J.
All computed results are estimates as building use and weather may vary.
Be sure to select a unit that meets both sensible and latent loads.

System 1, Zone 1 Summary Loads (Average Load Procedure for Rooms)

Component Description	Area Quan	Sen Loss	Lat Gain	Sen Gain	Total Gain
2A-m-o: Glazing-Double pane low-e (e = 0.60), operable window, metal frame no break, ground reflectance = 0.32, light color blinds at 45° with 25% coverage	17.7	609	0	391	391
2A-b-o: Glazing-Double pane low-e (e = 0.60), operable window, metal frame with break, ground reflectance = 0.23, outdoor insect screen with 50% coverage, light color blinds at 45° with 25% coverage, external shade screen coefficient of 0.45 and 50% coverage	107	2,763	0	2,020	2,020
2B-m-o: Glazing-Double pane low-e (e = 0.60), fixed sash, metal frame no break, ground reflectance = 0.23, light color blinds at 45° with 25% coverage	38	1,044	0	724	724
2A-b-o: Glazing-Double pane low-e (e = 0.60), operable window, metal frame with break, ground reflectance = 0.32, outdoor insect screen with 50% coverage, light color blinds at 45° with 25% coverage, external shade screen coefficient of 0.45 and 50% coverage	24	620	0	396	396
10C-b: Glazing-French door, double pane low-e glass (e = 0.40), metal frame with break, ground reflectance = 0.32, light color blinds at 45° with 25% coverage	34	1,018	0	663	663
2A-m-o: Glazing-Double pane low-e (e = 0.60), operable window, metal frame no break, ground reflectance = 0.32, outdoor insect screen with 50% coverage, light color blinds at 45° with 25% coverage, external shade screen coefficient of 0.45 and 50% coverage	40.8	1,405	0	812	812
2B-w-o: Glazing-Double pane low-e (e = 0.60), fixed sash, wood frame, ground reflectance = 0.23, light color blinds at 45° with 25% coverage	150	3,320	0	6,828	6,828
11P: Door-Polyurethane Core	20.4	243	0	172	172
13A-5fcs: Wall-Block, board insulation only, R-5 board insulation, filled core, siding finish	1199.5	5,164	0	2,305	2,305
12E-2sw: Wall-Frame, R-19 insulation in 2 x 6 stud cavity, R-2 board insulation, siding finish, wood studs	980.8	2,533	0	1,131	1,131
16DR-30: Roof/Ceiling-Under attic or knee wall, Vented Attic with Radiant Barrier, White or Light Color Shingles, Any Wood Shake, Light Metal, Tar and Gravel Membrane, R-30 insulation	1302.2	1,708	0	1,375	1,375
16C-30: Roof/Ceiling-Under attic or knee wall, Vented Attic, No Radiant Barrier, White or Light Color Shingles, Any Wood Shake, Light Metal, Tar and Gravel or Membrane, R-30 insulation	66	87	0	91	91
22A-ph: Floor-Slab on grade, No edge insulation, no insulation below floor, any floor cover, passive, heavy moist soil	163	9,074	0	0	0
Subtotals for structure:		29,588	0	16,908	16,908
People:	5		1,150	1,500	2,650
Equipment:			0	1,200	1,200
Lighting:	2280			7,775	7,775
Ductwork:		9,185	0	6,114	6,114
Infiltration: Winter CFM: 364, Summer CFM: 162		16,337	5,482	3,187	8,669
System 1, Zone 1 Load Totals:		55,110	6,632	36,684	43,316

Check Figures

Supply CFM:	1,677	CFM Per Square ft.:	0.602
Square ft. of Room Area:	2,787	Square ft. Per Ton:	702
Volume (ft³) of Cond. Space:	24,282	Air Turnover Rate (per hour):	4.1

Zone Loads

System 1, Zone 1 Summary Loads (Average Load Procedure for Rooms) (cont'd)

Zone Loads

Total Heating Required:	55,110	Btuh	55.110	MBH
Total Sensible Gain:	36,684	Btuh	85	%
Total Latent Gain:	6,632	Btuh	15	%
Total Cooling Required:	43,316	Btuh	3.61	Tons (Based On Sensible + Latent)
			3.97	Tons (Based On 77% Sensible Capacity)

Notes

Calculations are based on 8th edition of ACCA Manual J.
All computed results are estimates as building use and weather may vary.
Be sure to select a unit that meets both sensible and latent loads.

System 1 Room Load Summary

No	Room Name	Area SF	Htg Sens Btuh	Htg Nom CFM	Run Duct Size	Run Duct Vel	Clg Sens Btuh	Clg Lat Btuh	Clg Nom CFM	Air Sys CFM
---Zone 1---										
1	Master Bedroom	282	7,133	93	1-8	470	3,592	1,119	164	164
2	Master Bath	143	6,037	79	1-7	502	2,934	497	134	134
3	Power Room	60	67	1	1-3	457	491	0	22	22
4	Laundry Room	83	1,812	24	1-5	485	1,446	170	66	66
5	Kitchen	195	2,416	32	1-7	573	3,349	459	153	153
6	Family Room	462	14,816	193	2-7	460	5,378	1,207	246	246
7	Dining	194	2,045	27	1-5	460	1,372	217	63	63
8	Bedroom 2	204	3,563	47	1-7	486	2,844	717	130	130
9	Bath 2	88	1,009	13	1-5	470	1,403	139	64	64
10	Bedroom 3	218	3,652	48	1-7	497	2,904	730	133	133
11	Up Stair W.I.C	66	1,771	23	1-3	334	359	185	16	16
12	Loft	792	10,789	141	3-8	463	10,608	1,192	485	485
	System 1 total	2,787	55,110	720			36,684	6,632	1,677	1,677

System 1 Main Trunk Size: 18x17 in.
Velocity: 852 ft./min
Loss per 100 ft.: 0.071 in.wg

Cooling System Summary

	Cooling Tons	Sensible/Latent Split	Sensible Btuh	Latent Btuh	Total Btuh
Net Required:	3.61	85% / 15%	36,684	6,632	43,316
Recommended:	3.97	77% / 23%	36,684	10,958	47,641
Actual:	4.00	76% / 24%	36,700	11,300	48,000

Equipment Data

	Heating System	Cooling System
Type:	Air Source Heat Pump	Air Source Heat Pump
Model:	4TWB4049E1+GAM5A0C48M41SA	4TWB4049E1+4TXFH063CZ3
Brand:	Trane	Trane
Efficiency:	9.0 HSPF	15 SEER
Sound:	0 bels	0 bels
Capacity:	47,000 Btuh	48,000 Btuh
Sensible Capacity:	n/a	36,700 Btuh
Latent Capacity:	n/a	11,300 Btuh

FORM 1100A-08

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name:	New Project	Builder Name:	JOHN FEENEY
Street:		Permit Office:	Columbia County
City, State, Zip:	, FL ,	Permit Number:	29501
Owner:	COX	Jurisdiction:	221000
Design Location:	FL, Gainesville		

1. New construction or existing	New (From Plans)	9. Wall Types		Insulation	Area
2. Single family or multiple family	Single-family	a. Concrete Block - Int Insul, Exterior		R=5.0	1400.00 ft²
3. Number of units, if multiple family	1	b. Frame - Wood, Exterior		R=19.0	1200.00 ft²
4. Number of Bedrooms	3	c. N/A		R=	ft²
5. *Is this a worst case?*	*No*	d. N/A		R=	ft²
6. Conditioned floor area (ft²)	2364	*10. Ceiling Types*		*Insulation*	*Area*
7. Windows	Description / Area	a. Under Attic (Vented)		R=30.0	1394.00 ft²
a. U-Factor: / SHGC:	Dbl, U=0.51 / SHGC=0.33	341.67 ft²	b. N/A	R=	ft²
b. U-Factor: / SHGC:	N/A	ft²	c. N/A	R=	ft²
c. U-Factor: / SHGC:	N/A	ft²	11. Ducts		
d. U-Factor: / SHGC:	N/A	ft²	a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 472.8 ft²		
e. U-Factor: / SHGC:	N/A	ft²	12. Cooling systems		
8. Floor Types	Insulation / Area		a. Central Unit		Cap: 48 kBtu/hr SEER: 15
a. Slab-On-Grade Edge Insulation	R=0.0	1394.00 ft²	13. Heating systems		
b. N/A	R=	ft²	a. Electric Heat Pump		Cap: 47 kBtu/hr HSPF: 9
c. N/A	R=	ft²	14. Hot water systems		
			a. Electric		Cap: 40 gallons EF: 0.92
			b. Conservation features None		
			15. Credits		None

Glass/Floor Area: 0.145

Total As-Built Modified Loads: 44.38

Total Baseline Loads: 56.42

PASS

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

PREPARED BY: _____

DATE: 6/13/11

SUNCOAST INSULATORS
825 NW 253rd Terrace
Newberry, FL 32669
(352) 472-6606
Fax (352) 472-2833

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

OWNER/AGENT: _____

DATE: 6-13-2011

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

BUILDING OFFICIAL: _____

DATE: _____

GREAT SEAL OF THE STATE OF FLORIDA · IN GOD WE TRUST

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

PROJECT

Title:	New Project	Bedrooms:	3	Adress Type:	Street Address
Building Type:	FLAsBuilt	Bathrooms:	0	Lot #	
Owner:	COX	Conditioned Area:	2364	SubDivision:	
# of Units:	1	Total Stories:	2	PlatBook:	
Builder Name:	JOHN FEENEY	Worst Case:	No	Street:	
Permit Office:		Rotate Angle:	0	County:	COLUMBIA
Jurisdiction:		Cross Ventilation:		City, State, Zip:	, FL ,
Family Type:	Single-family	Whole House Fan:			
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

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

FLOORS

√	#	Floor Type	Perimeter	R-Value	Area	Tile	Wood	Carpet
____	1	Slab-On-Grade Edge Insulation	150 ft	0	1394 ft²	0	0	1

ROOF

√	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
____	1	Hip	Metal	1510 ft²	0 ft²	Medium	0.96	No	0	22.6 deg

ATTIC

√	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
____	1	Full attic	Vented	300	1394 ft²	N	N

CEILING

√	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
____	1	Under Attic (Vented)	30	1394 ft²	0.11	Wood

WALLS

√	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
____	1	N	Exterior	Concrete Block - Int Insul	5	317.33 ft²		0	0.75
____	2	N	Exterior	Frame - Wood	19	272 ft²		0.23	0.75
____	3	E	Exterior	Concrete Block - Int Insul	5	382.67 ft²		0	0.75
____	4	N	Exterior	Frame - Wood	19	328 ft²		0.23	0.75
____	5	S	Exterior	Concrete Block - Int Insul	5	317.33 ft²		0	0.75
____	6	N	Exterior	Frame - Wood	19	272 ft²		0.23	0.75
____	7	W	Exterior	Concrete Block - Int Insul	5	382.67 ft²		0	0.75
____	8	W	Exterior	Frame - Wood	19	328 ft²		0.23	0.75

DOORS

√	#	Ornt	Door Type	Storms	U-Value	Area
____	1	N	Insulated	None	0.46	20 ft²
____	2	N	Insulated	None	0.46	20 ft²
____	3	N	Insulated	None	0.46	20 ft²

WINDOWS

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

√	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang Depth	Overhang Separation	Int Shade	Screening
____	1	N	Metal	Double (Clear)	Yes	0.51	0.33	N	24 ft²	2 ft 0 in	6 ft 0 in	HERS 2006	None
____	2	N	Metal	Double (Clear)	Yes	0.51	0.33	N	144 ft²	2 ft 0 in	6 ft 0 in	HERS 2006	None
____	3	N	Metal	Double (Clear)	Yes	0.51	0.33	N	40 ft²	2 ft 0 in	6 ft 0 in	HERS 2006	None
____	4	N	Metal	Double (Clear)	Yes	0.51	0.33	N	20 ft²	2 ft 0 in	6 ft 0 in	HERS 2006	None
____	5	N	Metal	Double (Clear)	Yes	0.51	0.33	N	12 ft²	2 ft 0 in	6 ft 0 in	HERS 2006	None
____	6	E	Metal	Double (Clear)	Yes	0.51	0.33	N	48 ft²	2 ft 0 in	6 ft 0 in	HERS 2006	None
____	7	N	Metal	Double (Clear)	Yes	0.51	0.33	N	12 ft²	2 ft 0 in	6 ft 0 in	HERS 2006	None
____	8	N	Metal	Double (Clear)	Yes	0.51	0.33	N	20 ft²	2 ft 0 in	6 ft 0 in	HERS 2006	None
____	9	N	Metal	Double (Clear)	Yes	0.51	0.33	N	21.67 ft²	2 ft 0 in	6 ft 0 in	HERS 2006	None

INFILTRATION & VENTING

√	Method	SLA	CFM 50	ACH 50	ELA	EqLA	Forced Ventilation Supply CFM	Forced Ventilation Exhaust CFM	Run Time Fraction	Fan Watts
____	Default	0.00036	2232	6.67	122.5	230.5	0 cfm	0 cfm	0	0

COOLING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ductless
____	1	Central Unit	None	SEER: 15	48 kBtu/hr	1440 cfm	0.75	False

HEATING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Ductless
____	1	Electric Heat Pump	None	HSPF: 9	47 kBtu/hr	False

HOT WATER SYSTEM

√	#	System Type	EF	Cap	Use	SetPnt	Conservation
____	1	Electric	0.92	40 gal	60 gal	120 deg	None

SOLAR HOT WATER SYSTEM

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

DUCTS

√	#	Supply Location	Supply R-Value	Supply Area	Return Location	Return Area	Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
____	1	Attic	6	472.8 ft²	Attic	118.2 ft²	Default Leakage	Interior				

TEMPERATURES

Programable Thermostat: None

Ceiling Fans:

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

Thermostat Schedule: HERS 2006 Reference

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

FORM 1100A-08

Code Compliance Cheklist

Residential Whole Building Performance Method A - Details

ADDRESS: , FL,	PERMIT #:

INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	N1106.AB.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	N1106.AB.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	N1106.AB.1.2.2	Penetrations/openings > 1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	N1106.AB.1.2.3	Between walls & ceilings; penetrations of ceiling plane to top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	N1106.AB.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	N1106.AB.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	N1106.AB.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 79

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

1. New construction or existing		New (From Plans)
2. Single family or multiple family		Single-family
3. Number of units, if multiple family		1
4. Number of Bedrooms		3
5. Is this a worst case?		No
6. Conditioned floor area (ft²)		2364

7. Windows**	Description	Area
a. U-Factor: SHGC:	Dbl, U=0.51 SHGC=0.33	341.67 ft²
b. U-Factor: SHGC:	N/A	ft²
c. U-Factor: SHGC:	N/A	ft²
d. U-Factor: SHGC:	N/A	ft²
e. U-Factor: SHGC:	N/A	ft²

8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	1394.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types	Insulation	Area
a. Concrete Block - Int Insul, Exterior	R=5.0	1400.00 ft²
b. Frame - Wood, Exterior	R=19.0	1200.00 ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	1394.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts
a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 472.8 ft²

12. Cooling systems
a. Central Unit — Cap: 48 kBtu/hr SEER: 15

13. Heating systems
a. Electric Heat Pump — Cap: 47 kBtu/hr HSPF: 9

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

b. Conservation features
None

15. Credits — None

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

Builder Signature: Jay Feney Date: 6-13-2011

Address of New Home: 502 SW Kennesaw Grove Rd. City/FL Zip: Fort White, FL 32038

GREAT SEAL OF THE STATE OF FLORIDA IN GOD WE TRUST

Department of Community Affairs at (850) 487-1824.

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 79

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

1. New construction or existing		New (From Plans)
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3. Number of units, if multiple family		1
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5. Is this a worst case?		No
6. Conditioned floor area (ft²)		2364
7. Windows**	Description	Area
a. U-Factor: SHGC:	Dbl, U=0.51 SHGC=0.33	341.67 ft²
b. U-Factor: SHGC:	N/A	ft²
c. U-Factor: SHGC:	N/A	ft²
d. U-Factor: SHGC:	N/A	ft²
e. U-Factor: SHGC:	N/A	ft²

8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	1394.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types	Insulation	Area
a. Concrete Block - Int Insul, Exterior	R=5.0	1400.00 ft²
b. Frame - Wood, Exterior	R=19.0	1200.00 ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	1394.00 ft²
b. N/A	R=	ft²
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a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 472.8 ft²

12. Cooling systems
a. Central Unit — Cap: 48 kBtu/hr SEER: 15

13. Heating systems
a. Electric Heat Pump — Cap: 47 kBtu/hr HSPF: 9

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

b. Conservation features
None

15. Credits — None

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

Builder Signature: J. Fancy Date: 6-13-2011

Address of New Home: 502 Sw Performance Glen Rd City/FL Zip: Fort White, FL 32038

GREAT SEAL OF THE STATE OF FLORIDA IN GOD WE TRUST

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

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

Important Notice: If visually graded lumber is used for the trusses covered by these designs, see "SPIB Important Notice, Dated July 28, 2010" (reprinted at www.mii.com) before use. MiTek does not warrant third-party lumber design values.

RE: COX -

MiTek Industries, Inc.
6904 Parke East Boulevard
Tampa, FL 33610-4115

Site Information:
Customer Info: COX Project Name: COX Model:
Lot/Block: . Subdivision: .
Address: .
City: COLUMBIA COUNTY State: FLORIDA

Name Address and License # of Structural Engineer of Record, If there is one, for the building.
Name: License #:
Address:
City: State:

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):
Design Code: FBC2007 Design Program: OnLine Plus 28.0.007
Wind Code: ASCE 7-05 Wind Speed: 110 mph Floor Load: 55.0 psf
Roof Load: 40.0 psf

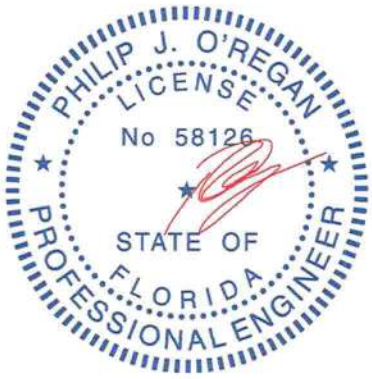
This package includes 10 individual, dated Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date
1	T4098531	A1	6/8/011
2	T4098532	A2GE	6/8/011
3	T4098533	A3GE	6/8/011
4	T4098534	FL1	6/8/011
5	T4098535	FL2	6/8/011
6	T4098536	FL3	6/8/011
7	T4098537	FL4GIR	6/8/011
8	T4098538	FL6	6/8/011
9	T4098539	FL7	6/8/011
10	T4098540	FL5GIR	6/8/011

The truss drawing(s) referenced above have been prepared by MiTek Industries, Inc. under my direct supervision based on the parameters provided by Mayo Truss Company, Inc..

Truss Design Engineer's Name: ORegan, Philip
My license renewal date for the state of Florida is February 28, 2013.

NOTE: The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-1 Sec. 2.

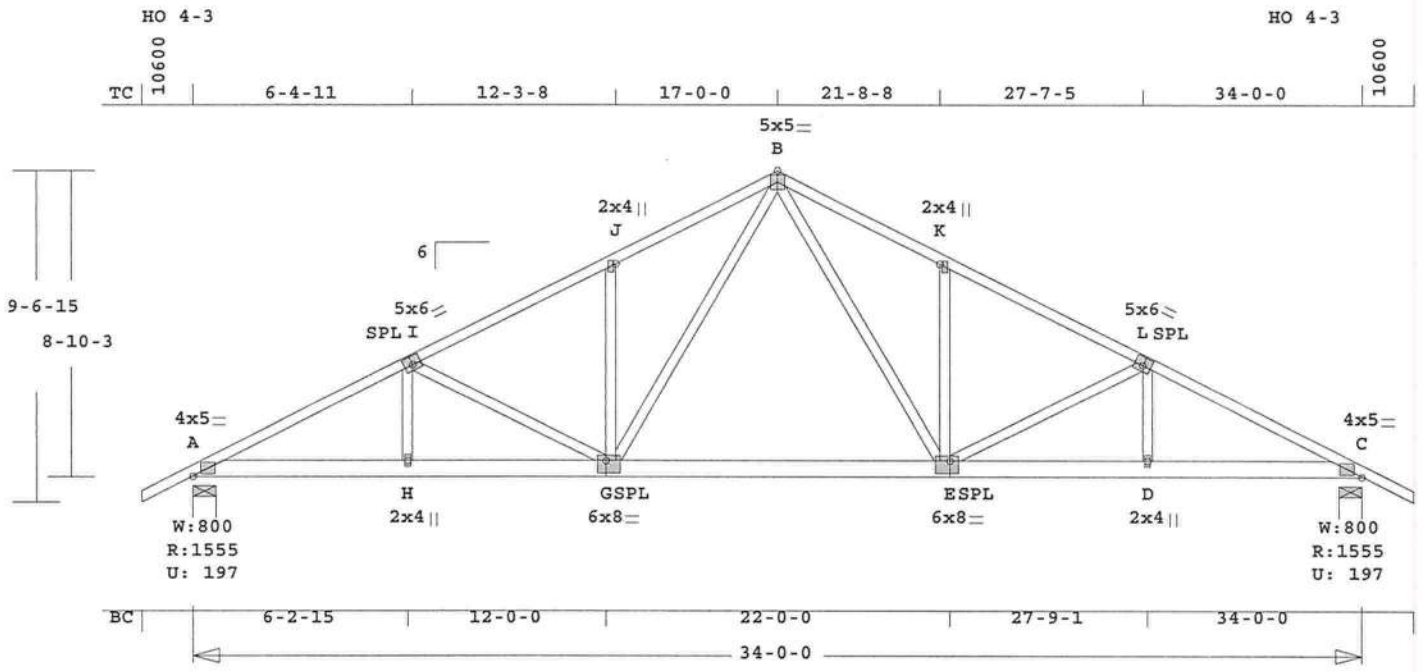


FL Cert. 6634

June 8,2011

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
COX	A1	8	TR	340000	6	1- 6- 0	1- 6- 0	T4098531

COX



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 265.9 LBS

Online Plus -- Version 28.0.007
RUN DATE: 08-JUN-11

	CSI	-Size-	----Lumber----
TC	0.39	2x 4	SP-#2
BC	0.54	2x 6	SP-#2
WB	0.65	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	34- 0- 0
BC	Cont.	0- 0- 0	34- 0- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1556	198 U	177 R
C	1556	198 U	177 R

Jt	Brg Size	Required
A	8.0"	1.8"
C	8.0"	1.8"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 BC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -I	0.39	2699 C	0.15 0.24
I -J	0.36	2230 C	0.12 0.24
J -B	0.36	2234 C	0.14 0.22
B -K	0.36	2234 C	0.14 0.22
K -L	0.36	2230 C	0.12 0.24
L -C	0.39	2699 C	0.15 0.24
Bottom Chords			
A -H	0.43	2422 T	0.29 0.14
H -G	0.54	2422 T	0.29 0.25
G -E	0.47	1482 T	0.18 0.29
E -D	0.54	2422 T	0.29 0.25
D -C	0.43	2422 T	0.29 0.14
Webs			
H -I	0.03	211 T	
I -G	0.31	484 C	
G -J	0.18	337 T	
G -B	0.65	1001 T	
B -E	0.65	1001 T	
E -K	0.18	337 T	
E -L	0.31	484 C	
D -L	0.03	211 T	

TL Defl -0.34" in G -E L/999
LL Defl -0.15" in G -E L/999
Shear // Grain in A -I 0.21

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4.0x 5.0	Ctr	Ctr	0.90
I	MT20	5.0x 6.0	-0.2	0.5	0.43
J	MT20	2.0x 4.0	Ctr	Ctr	0.32
B	MT20	5.0x 5.0	Ctr	Ctr	0.51
K	MT20	2.0x 4.0	Ctr	Ctr	0.32
L	MT20	5.0x 6.0	0.2	0.5	0.43
C	MT20	4.0x 5.0	Ctr	Ctr	0.90
H	MT20	2.0x 4.0	Ctr	Ctr	0.34
G	MT20	6.0x 8.0	1.0	-1.2	0.92
E	MT20	6.0x 8.0	-1.0	-1.2	0.92
D	MT20	2.0x 4.0	Ctr	Ctr	0.34

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

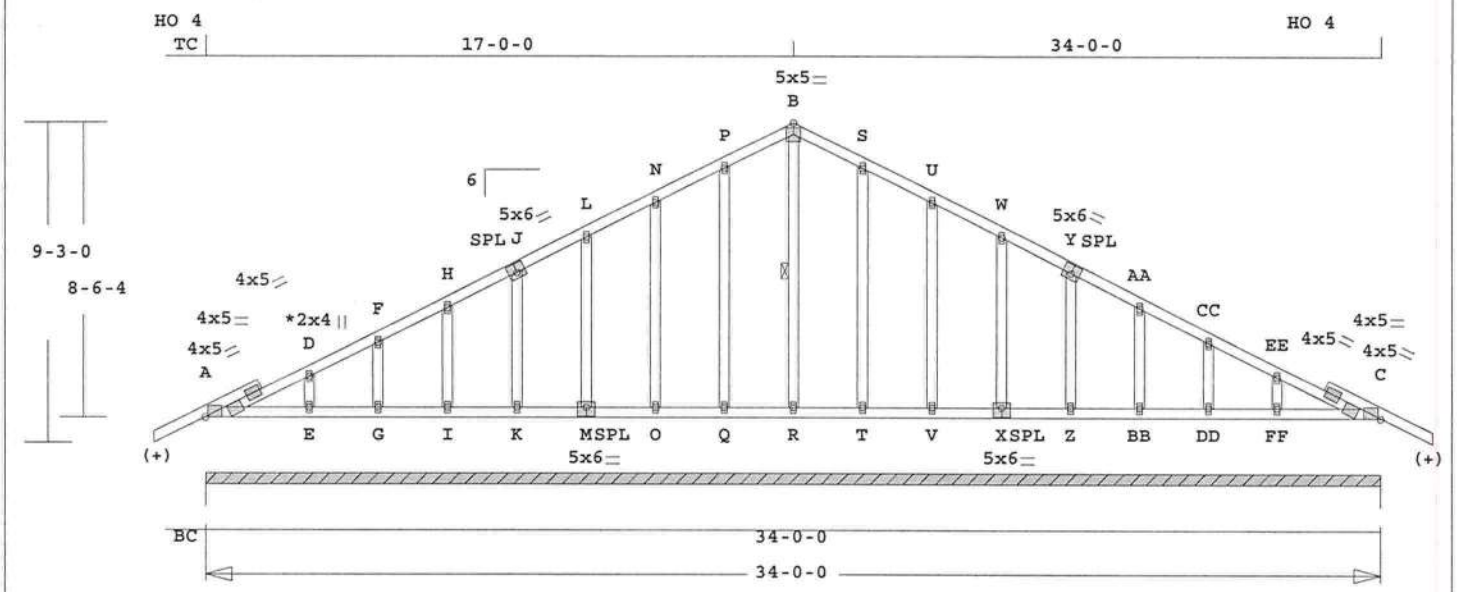
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 2699 Lbs
Max tens. force 2422 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

June 8,2011

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
COX	A2GE	1	TR	340000	6	0	0	T4098532

COX



ALL PLATES ARE MT2020

See Joint D For Typical Gable Plate Size and Placement

Scale: 0.180" = 1'

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 267.0 LBS

Online Plus -- Version 28.0.007
RUN DATE: 08-JUN-11

	CSI	-Size-	----Lumber----
TC	0.06	2x 4	SP-#2
BC	0.07	2x 4	SP-#2
GW	0.09	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	34- 0- 0
BC	Cont.	0- 0- 0	34- 0- 0

One Continuous Lateral Brace
R -B
Attach CLB with (2)-10d nails
at each web.

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	2720	362 U	171 R

Jt	Brg Size	Required
A	408.0"	0"-to- 408"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -D	0.05	180 C	0.00		0.05
D -F	0.05	133 C	0.00		0.05
F -H	0.03	80 C	0.00		0.03
H -J	0.03	63 C	0.00		0.03
J -L	0.03	81 T	0.00		0.03
L -N	0.04	138 T	0.01		0.03
N -P	0.05	196 T	0.02		0.03
P -R	0.06	249 T	0.03		0.03
R -S	0.06	249 T	0.03		0.03
S -U	0.05	196 T	0.02		0.03
U -W	0.04	138 T	0.01		0.03
W -Y	0.03	81 T	0.00		0.03
Y -AA	0.03	63 C	0.00		0.03
AA-CC	0.03	80 C	0.00		0.03
CC-EE	0.05	133 C	0.00		0.05
EE-C	0.05	180 C	0.00		0.05
Bottom Chords					
A -E	0.07	22 T	0.00		0.07
E -G	0.03	0 T	0.00		0.03
G -I	0.02	0 T	0.00		0.02
I -K	0.02	0 T	0.00		0.02
K -M	0.02	0 T	0.00		0.02
M -O	0.02	0 T	0.00		0.02
O -Q	0.02	0 T	0.00		0.02
Q -R	0.02	0 T	0.00		0.02
R -T	0.02	0 T	0.00		0.02
T -V	0.02	0 T	0.00		0.02
V -X	0.02	0 T	0.00		0.02
X -Z	0.02	0 T	0.00		0.02
Z -BB	0.02	0 T	0.00		0.02
BB-DD	0.02	0 T	0.00		0.02
DD-FF	0.03	0 T	0.00		0.03
FF-C	0.07	22 T	0.00		0.07
Gable Webs					
E -D	0.02	156 T			
G -F	0.01	113 C			
I -H	0.02	121 C			
K -J	0.03	119 C			
M -L	0.05	119 C			
O -N	0.07	120 C			
Q -P	0.09	172 T			
R -B	0.02	102 C			1 Br
T -S	0.09	172 T			
V -U	0.07	120 C			
X -W	0.05	119 C			
Z -Y	0.03	119 C			
BB-AA	0.02	121 C			
DD-CC	0.01	113 C			
FF-EE	0.02	156 T			

TL Defl 0.00" in A -E L/999
LL Defl 0.00" in A -E L/999
Shear // Grain in A -D 0.10

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4.0x 5.0	Ctr	-0.3	0.39
D	MT20	2.0x 4.0	Ctr	Ctr	0.00
F	MT20	2.0x 4.0	Ctr	Ctr	0.00
H	MT20	2.0x 4.0	Ctr	Ctr	0.00
J	MT20	5.0x 6.0	-0.2	0.5	0.38
L	MT20	2.0x 4.0	Ctr	Ctr	0.00
N	MT20	2.0x 4.0	Ctr	Ctr	0.00
P	MT20	2.0x 4.0	Ctr	Ctr	0.00
B	MT20	5.0x 5.0	Ctr	Ctr	0.34
S	MT20	2.0x 4.0	Ctr	Ctr	0.00
U	MT20	2.0x 4.0	Ctr	Ctr	0.00
W	MT20	2.0x 4.0	Ctr	Ctr	0.00
Y	MT20	5.0x 6.0	0.2	0.5	0.38
AA	MT20	2.0x 4.0	Ctr	Ctr	0.00
CC	MT20	2.0x 4.0	Ctr	Ctr	0.00
EE	MT20	2.0x 4.0	Ctr	Ctr	0.00
C	MT20	4.0x 5.0	Ctr	-0.3	0.39
E	MT20	2.0x 4.0	Ctr	Ctr	0.00
G	MT20	2.0x 4.0	Ctr	Ctr	0.00
I	MT20	2.0x 4.0	Ctr	Ctr	0.00
K	MT20	2.0x 4.0	Ctr	Ctr	0.00
M	MT20	5.0x 6.0	Ctr	-0.5	0.39
O	MT20	2.0x 4.0	Ctr	Ctr	0.00
Q	MT20	2.0x 4.0	Ctr	Ctr	0.00
R	MT20	2.0x 4.0	Ctr	Ctr	0.00
T	MT20	2.0x 4.0	Ctr	Ctr	0.00
V	MT20	2.0x 4.0	Ctr	Ctr	0.00
X	MT20	5.0x 6.0	Ctr	-0.5	0.39
Z	MT20	2.0x 4.0	Ctr	Ctr	0.00
BB	MT20	2.0x 4.0	Ctr	Ctr	0.00
DD	MT20	2.0x 4.0	Ctr	Ctr	0.00
FF	MT20	2.0x 4.0	Ctr	Ctr	0.00

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
WARNING Do Not Cut overframe member between outside of truss and first tie-plate to inside of heel plate.
Design checked for 10 psf non-concurrent LL on BC.
Refer to Gen Det 3 series for web bracing and plating.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 180 Lbs
Max tens. force 249 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

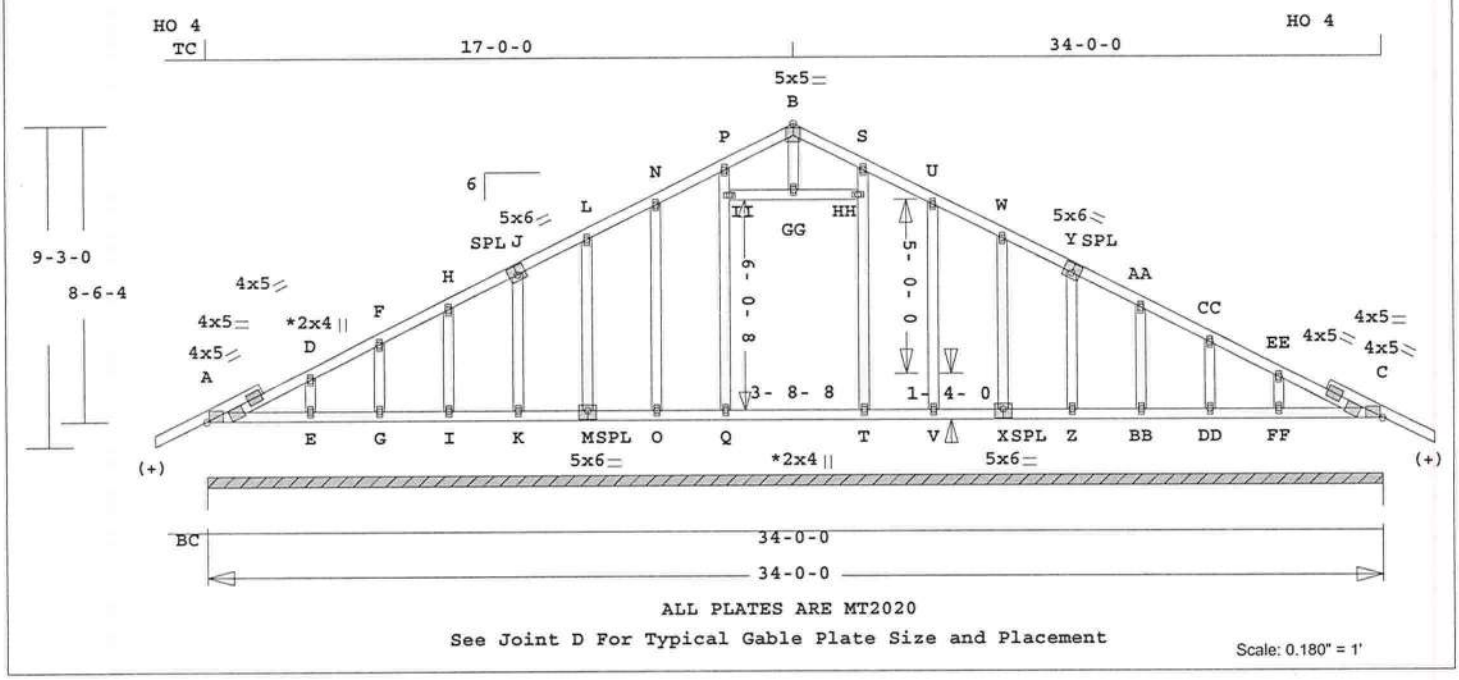
PHILIP J. O'REGAN LICENSE No 58126 STATE OF FLORIDA PROFESSIONAL ENGINEER

FL Cert. 6634

June 8,2011

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
COX	A3GE	1	TR	340000	6	0	0	T4098533

COX



ALL PLATES ARE MT2020

See Joint D For Typical Gable Plate Size and Placement

Scale: 0.180" = 1'

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 262.0 LBS

```
Online Plus -- Version 28.0.007
RUN DATE: 08-JUN-11

     CSI -Size- ----Lumber----
TC  0.05  2x 4  SP-#2
BC  0.08  2x 4  SP-#2
GW  0.06  2x 4  SP-#2

Brace truss as follows:
      O.C.      From       To
 TC  Cont.     0- 0- 0 34- 0- 0
 BC  Cont.     0- 0- 0 34- 0- 0

psf-Ld  Dead  Live
TC       10.0  20.0
BC       10.0   0.0
TC+BC    20.0  20.0
Total    40.0   Spacing  24.0"
Lumber Duration Factor  1.25
Plate  Duration Factor  1.25
TC Fb=1.15  Fc=1.10  Ft=1.10
BC Fb=1.10  Fc=1.10  Ft=1.10

Total Load Reactions (Lbs)
Jt  Down  Uplift  Horiz-
A   2720   362 U   171 R

Jt   Brg Size   Required
A     408.0"     0"-to- 408"

Plus  9 Wind Load Case(s)
Plus  1 UBC LL Load Case(s)
Plus  1 DL Load Case(s)

Membr  CSI  P Lbs  Axl-CSI-Bnd
----------Top Chords----------
A -D  0.05   257 C  0.00  0.05
D -F  0.05   213 C  0.00  0.05
F -H  0.03   160 C  0.00  0.03
H -J  0.03   108 C  0.00  0.03
J -L  0.03   108 C  0.00  0.03
L -N  0.03   109 C  0.00  0.03
N -P  0.04   119 T  0.00  0.04
P -B  0.05   149 T  0.02  0.03
B -S  0.05   149 T  0.02  0.03
S -U  0.04   119 T  0.00  0.04
U -W  0.03   108 C  0.00  0.03
W -Y  0.03   108 C  0.00  0.03
Y -AA 0.03   108 C  0.00  0.03
AA-CC 0.03   159 C  0.00  0.03
CC-EE 0.05   211 C  0.00  0.05
EE-C  0.05   255 C  0.00  0.05
--------Bottom Chords---------
A -E  0.08    27 T  0.00  0.08
E -G  0.03     0 T  0.00  0.03
G -I  0.02     0 T  0.00  0.02
I -K  0.02     0 T  0.00  0.02
K -M  0.02     0 T  0.00  0.02
M -O  0.02     0 T  0.00  0.02
O -Q  0.06     0 T  0.00  0.06
Q -T  0.06     0 T  0.00  0.06
T -V  0.06     0 T  0.00  0.06
V -X  0.02     0 T  0.00  0.02
X -Z  0.02     0 T  0.00  0.02
Z -BB 0.02     0 T  0.00  0.02
BB-DD 0.02     0 T  0.00  0.02
DD-FF 0.03     0 T  0.00  0.03
FF-C  0.08    27 T  0.00  0.08
----------Gable Webs----------
E -D  0.02   156 C
G -F  0.01   115 C
I -H  0.02   120 C
K -J  0.03   119 C
M -L  0.05   120 C
O -N  0.06   123 T
Q -II 0.04   153 T  0.02  0.02
II-P  0.04   151 T  0.02  0.02
T -HH 0.02   149 T  0.02  0.00
HH-S  0.04   151 T  0.02  0.02
V -U  0.06   123 T
X -W  0.05   120 C
Z -Y  0.03   119 C
BB-AA 0.02   120 C
DD-CC 0.01   115 C
FF-EE 0.02   156 C

TL Defl   0.00" in Q -T  L/999
LL Defl   0.00" in Q -T  L/999
Shear // Grain  in A -D   0.11

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type  Plt Size  X    Y    JSI
A  MT20  4.0x 5.0 Ctr-0.3 0.39
D  MT20  2.0x 4.0 Ctr Ctr 0.00
F  MT20  2.0x 4.0 Ctr Ctr 0.00
H  MT20  2.0x 4.0 Ctr Ctr 0.00
J  MT20  5.0x 6.0-0.2 0.5 0.38
L  MT20  2.0x 4.0 Ctr Ctr 0.00
N  MT20  2.0x 4.0 Ctr Ctr 0.00
P  MT20  2.0x 4.0 Ctr Ctr 0.00
B  MT20  5.0x 5.0 Ctr-1.8 0.33
S  MT20  2.0x 4.0 Ctr Ctr 0.00
U  MT20  2.0x 4.0 Ctr Ctr 0.00
W  MT20  2.0x 4.0 Ctr Ctr 0.00
Y  MT20  5.0x 6.0 0.2 0.5 0.38
AA MT20  2.0x 4.0 Ctr Ctr 0.00
CC MT20  2.0x 4.0 Ctr Ctr 0.00
EE MT20  2.0x 4.0 Ctr Ctr 0.00
C  MT20  4.0x 5.0 Ctr-0.3 0.39
E  MT20  2.0x 4.0 Ctr Ctr 0.00
G  MT20  2.0x 4.0 Ctr Ctr 0.00
I  MT20  2.0x 4.0 Ctr Ctr 0.00
K  MT20  2.0x 4.0 Ctr Ctr 0.00
M  MT20  5.0x 6.0 Ctr-0.5 0.39
O  MT20  2.0x 4.0 Ctr Ctr 0.00
Q  MT20  2.0x 4.0 Ctr Ctr 0.00
T  MT20  2.0x 4.0 Ctr Ctr 0.00
V  MT20  2.0x 4.0 Ctr Ctr 0.00
X  MT20  5.0x 6.0 Ctr-0.5 0.39
Z  MT20  2.0x 4.0 Ctr Ctr 0.00
BB MT20  2.0x 4.0 Ctr Ctr 0.00
DD MT20  2.0x 4.0 Ctr Ctr 0.00
FF MT20  2.0x 4.0 Ctr Ctr 0.00
II MT20  2.0x 4.0 Ctr Ctr 0.00
HH MT20  2.0x 4.0 Ctr Ctr 0.00

  1 Gable studs to be attached
with 2.0x4.0 plates each end.
REVIEWED BY:
MiTek Industries, Inc.
 6904 Parke East Blvd.
 Tampa, FL  33610

REFER TO ONLINE PLUS GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
  Mayo Truss Co. Inc.
Analysis Conforms To:
  FBC2007
  TPI 2002
WARNING  Do Not Cut overframe
  member between outside of
  truss and first tie-plate
  to inside of heel plate.
Design checked for 10 psf non-
  concurrent LL on BC.
Refer to Gen Det 3 series for
  web bracing and plating.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
  Components and Claddings*
  for Exterior zone location.
  Wind Speed:          110 mph
  Mean Roof Height:  15-0
  Exposure  Category:    B
  Occupancy Factor  : 1.00
  Building Type: Enclosed
  TC Dead Load:          5.0 psf
  BC Dead Load:          5.0 psf
Max comp. force       257 Lbs
Max tens. force       153 Lbs
Connector Plate Fabrication
  Tolerance = 20%
This truss is designed for a
  creep factor of 1.5  which
  is used to calculate total
  load deflection.
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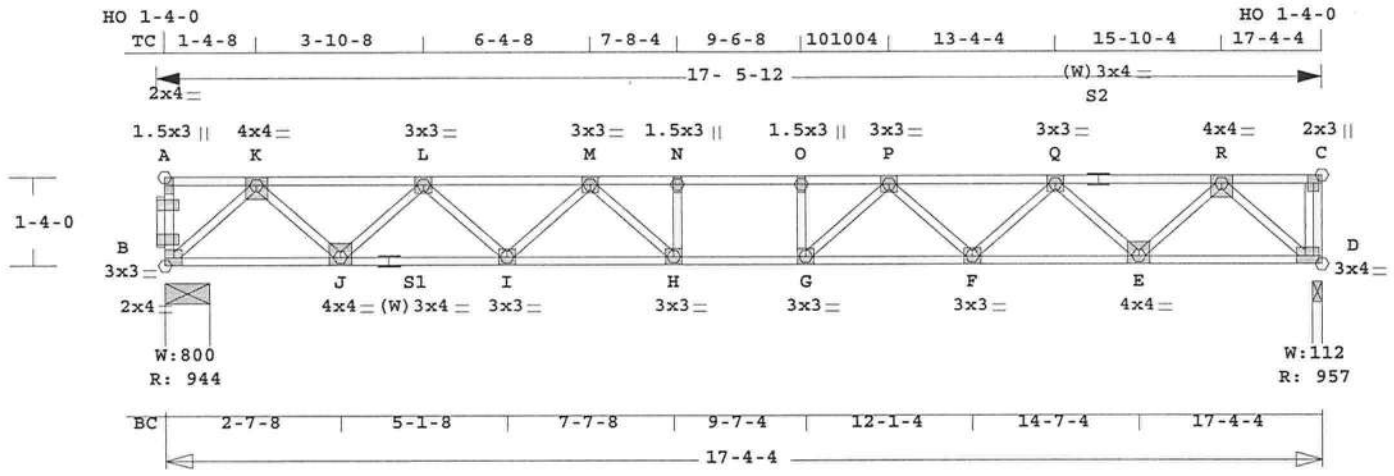
PHILIP J. O'REGAN LICENSE No 58126 STATE OF FLORIDA PROFESSIONAL ENGINEER

FL Cert. 6634

June 8,2011

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
COX	FL1	9	M100	170404	10400	0	0	T4098534

COX



ALL PLATES ARE MT2020

Scale: 0.346" = 1'

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 114.8 LBS

Online Plus -- Version 28.0.007
RUN DATE: 08-JUN-11

	CSI	-Size-	----Lumber----
TC	0.53	4x 2	SP-#2
BC	0.80	4x 2	SP-#2
WB	0.22	4x 2	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	17- 4- 4
BC	120.0"	0- 0- 0	17- 4- 4

psf-Ld	Dead	Live
TC	10.0	40.0
BC	5.0	0.0
TC+BC	15.0	40.0

Total 55.0 Spacing 24.0"
Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
B	945		
D	958		

Jt	Brg Size	Required
B	8.0"	1.5"
D	1.8"	1.5"

Plus 2 Unbalanced Load Cases
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd	
Top Chords				
A -K	0.19	0 T	0.00	0.19
K -L	0.30	1677 C	0.02	0.28
L -M	0.35	2757 C	0.07	0.28
M -N	0.53	3321 C	0.05	0.48
N -O	0.53	3321 C	0.05	0.48
O -P	0.51	3321 C	0.05	0.46
P -Q	0.36	2777 C	0.08	0.28
Q -S2	0.30	1711 C	0.02	0.28
S2-R	0.22	1711 C	0.04	0.18
R -C	0.19	0 T	0.00	0.19
Bottom Chords				
B -J	0.23	971 T	0.20	0.03
J -S1	0.51	2355 T	0.49	0.02
S1-I	0.53	2355 T	0.49	0.04
I -H	0.79	3133 T	0.50	0.29
H -G	0.79	3321 T	0.49	0.30
G -F	0.80	3145 T	0.50	0.30
F -E	0.53	2382 T	0.50	0.03
E -D	0.25	1011 T	0.21	0.04
Webs				
B -A	0.00	38 C		
B -K	0.16	1320 C		
K -J	0.22	982 T		
J -L	0.12	942 C		
L -I	0.12	558 T		
I -M	0.06	523 C		
M -H	0.12	543 T		
H -N	0.03	261 C		
G -O	0.03	256 C		
G -P	0.12	531 T		
P -F	0.06	512 C		
F -Q	0.12	549 T		
Q -E	0.11	933 C		
E -R	0.22	973 T		
R -D	0.17	1346 C		
D -C	0.00	30 C		
D -C	0.00	30 C		

TL Defl -0.30" in H -G L/668
LL Defl -0.19" in H -G L/999
Shear // Grain in N -O 0.27

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	1.5x 3.0	Ctr	Ctr	0.64
A	MT20	2.0x 4.0	Ctr	Ctr	0.00
K	MT20	4.0x 4.0	Ctr	-0.5	0.87
L	MT20	3.0x 3.0	Ctr	Ctr	0.81
M	MT20	3.0x 3.0	Ctr	Ctr	0.79
N	MT20	1.5x 3.0	Ctr	Ctr	0.64
O	MT20	1.5x 3.0	Ctr	Ctr	0.64
P	MT20	3.0x 3.0	Ctr	Ctr	0.77
Q	MT20	3.0x 3.0	Ctr	Ctr	0.80
S2	MT20	W3.0x 4.0	Ctr	Ctr	0.00
R	MT20	4.0x 4.0	Ctr	-0.5	0.86
C	MT20	2.0x 3.0	Ctr	Ctr	0.67
B	MT20	3.0x 3.0	Ctr	Ctr	0.96
B	MT20	2.0x 4.0	Ctr	Ctr	0.00
J	MT20	4.0x 4.0	Ctr	0.5	0.87
S1	MT20	W3.0x 4.0	Ctr	Ctr	0.00
I	MT20	3.0x 3.0	Ctr	Ctr	0.81
H	MT20	3.0x 3.0	Ctr	Ctr	0.79
G	MT20	3.0x 3.0	Ctr	Ctr	0.77
F	MT20	3.0x 3.0	Ctr	Ctr	0.80
E	MT20	4.0x 4.0	Ctr	0.5	0.86
D	MT20	3.0x 4.0	0.5	Ctr	0.98

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

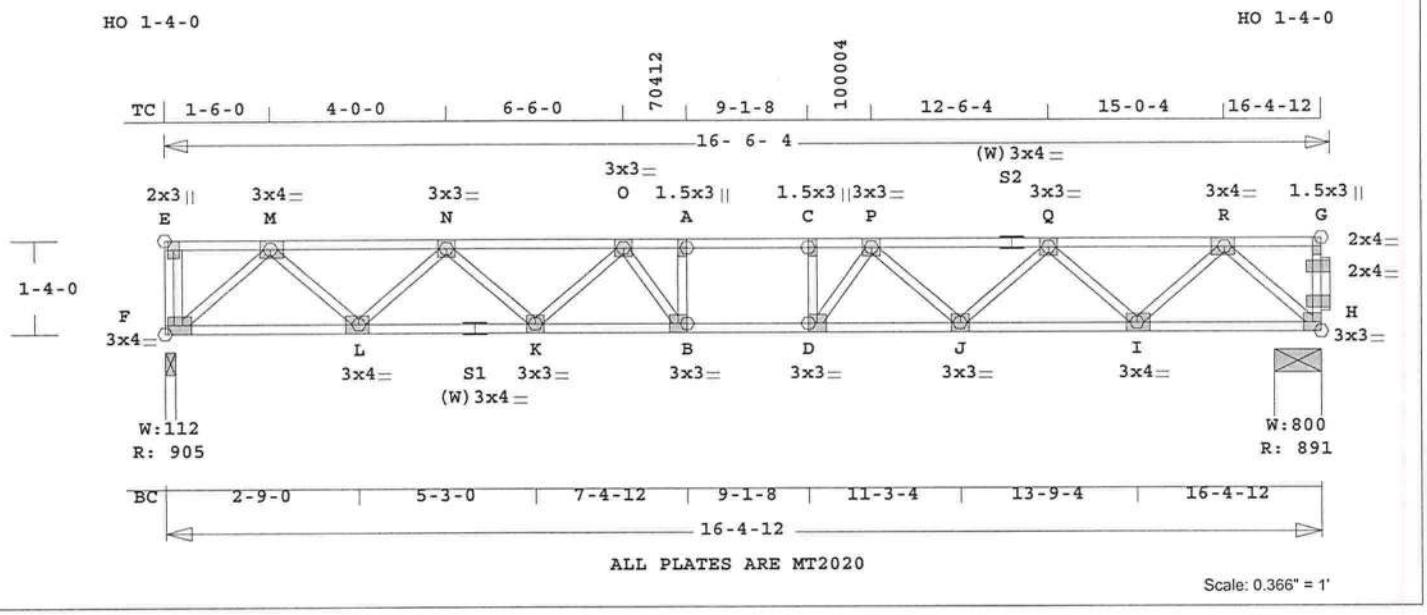
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
Design checked for 10 psf non-concurrent LL on BC.
Provide 2X6 continuous strongbacks (on edge) every 10.0 Ft. Fasten to each truss w/ 3-10d(0.131"x3") nails at truss member(s).
This truss must be installed as shown. It cannot be installed upside-down.
Max comp. force 3321 Lbs
Max tens. force 3321 Lbs
Connector Plate Fabrication Tolerance = 10%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

June 8,2011

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
COX	FL2	9	M150	160412	10400	0	0	T4098535

COX



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 109.9 LBS

Online Plus -- Version 28.0.007
RUN DATE: 08-JUN-11

	CSI	Size	Lumber
TC	0.51	4x 2	SP-#2
BC	0.72	4x 2	SP-#2
WB	0.20	4x 2	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	16- 4-12
BC	120.0"	0- 0- 0	16- 4-12

psf-Ld	Dead	Live
TC	10.0	40.0
BC	5.0	0.0
TC+BC	15.0	40.0
Total	55.0	Spacing 24.0"

Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
F	905		
H	891		

Jt	Brg Size	Required
F	1.8"	1.5"
H	8.0"	1.5"

Plus 2 Unbalanced Load Cases
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
E -M	0.19	0	T 0.00	0.19
M -N	0.30	1597	C 0.02	0.28
N -O	0.34	2553	C 0.06	0.28
O -A	0.50	2957	C 0.04	0.46
A -C	0.51	2957	C 0.04	0.47
C -P	0.51	2957	C 0.04	0.47
P -S2	0.31	2535	C 0.10	0.21
S2-Q	0.34	2535	C 0.06	0.28
Q -R	0.30	1566	C 0.02	0.28
R -G	0.19	0	T 0.00	0.19
Bottom Chords				
F -L	0.22	951	T 0.19	0.03
L -S1	0.50	2213	T 0.46	0.04
S1-K	0.49	2213	T 0.46	0.03
K -B	0.72	2872	T 0.45	0.27
B -D	0.71	2957	T 0.44	0.27
D -J	0.71	2863	T 0.45	0.26
J -I	0.49	2189	T 0.45	0.04
I -H	0.22	914	T 0.19	0.03
Webs				
F -E	0.00	30	C	
F -E	0.00	30	C	
F -M	0.16	1267	C	
M -L	0.20	897	T	
L -N	0.10	856	C	
N -K	0.10	472	T	
K -O	0.05	441	C	
O -B	0.10	459	T	
B -A	0.03	284	C	
D -C	0.03	290	C	
D -P	0.10	470	T	
P -J	0.05	453	C	
J -Q	0.11	481	T	
Q -I	0.11	866	C	
I -R	0.20	907	T	
R -H	0.15	1242	C	
H -G	0.00	38	C	

TL Defl -0.24" in B -D L/785
LL Defl -0.15" in B -D L/999
Shear // Grain in A -C 0.27

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
E	MT20	2.0x 3.0	Ctr	Ctr	0.67
M	MT20	3.0x 4.0	0.2	Ctr	0.99
N	MT20	3.0x 3.0	Ctr	Ctr	0.69
O	MT20	3.0x 3.0	Ctr	Ctr	0.71
A	MT20	1.5x 3.0	Ctr	Ctr	0.64
C	MT20	1.5x 3.0	Ctr	Ctr	0.64
P	MT20	3.0x 3.0	Ctr	Ctr	0.73
S2	MT20	W3.0x 4.0	Ctr	Ctr	0.00
Q	MT20	3.0x 3.0	Ctr	Ctr	0.70
R	MT20	3.0x 4.0	-0.2	Ctr	1.00
G	MT20	1.5x 3.0	Ctr	Ctr	0.64
G	MT20	2.0x 4.0	Ctr	Ctr	0.00
F	MT20	3.0x 4.0	-0.5	Ctr	0.92
L	MT20	3.0x 4.0	-0.2	Ctr	0.99
S1	MT20	W3.0x 4.0	Ctr	Ctr	0.00
K	MT20	3.0x 3.0	Ctr	Ctr	0.69
B	MT20	3.0x 3.0	Ctr	Ctr	0.71
D	MT20	3.0x 3.0	Ctr	Ctr	0.73
J	MT20	3.0x 3.0	Ctr	Ctr	0.70
I	MT20	3.0x 4.0	0.2	Ctr	1.00
H	MT20	3.0x 3.0	Ctr	Ctr	0.90
H	MT20	2.0x 4.0	Ctr	Ctr	0.00

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

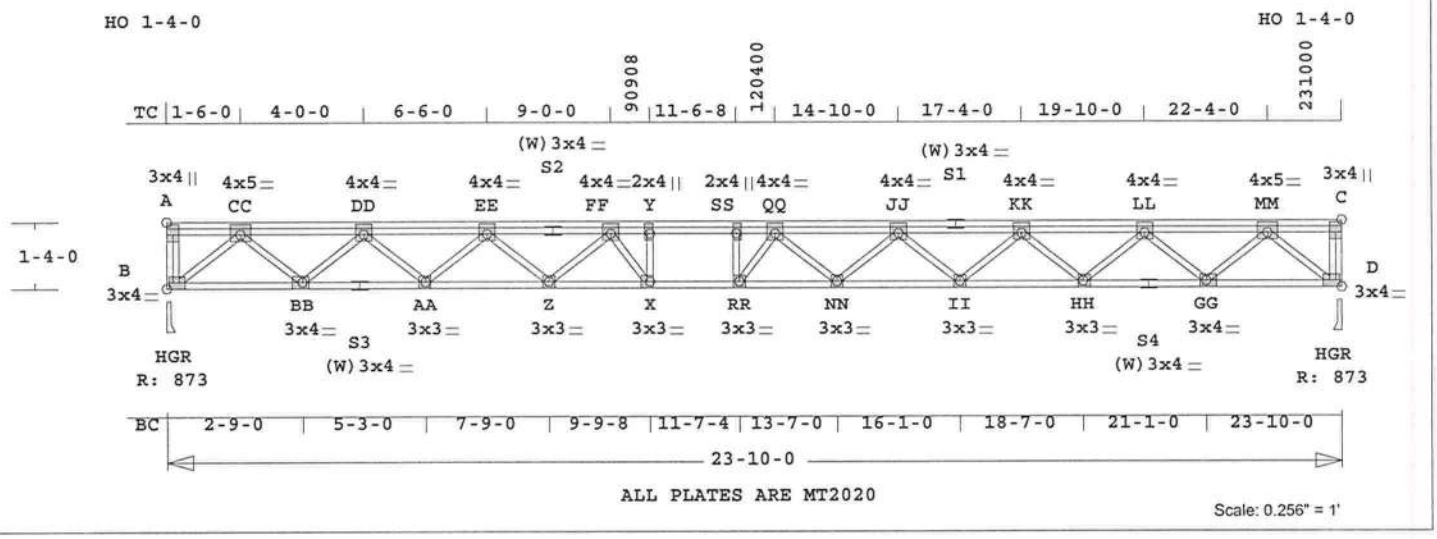
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
Design checked for 10 psf non-concurrent LL on BC.
Provide 2X6 continuous strongbacks (on edge) every 10.0 Ft. Fasten to each truss w/ 3-10d(0.131"x3") nails at truss member(s).
This truss must be installed as shown. It cannot be installed upside-down.
Max comp. force 2957 Lbs
Max tens. force 2957 Lbs
Connector Plate Fabrication Tolerance = 10%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

June 8,2011

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
COX	FL3	4	M100	231000	10400	0	0	T4098536

COX



ALL PLATES ARE MT2020

Scale: 0.256" = 1'

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 198.0 LBS

Online Plus -- Version 28.0.007
RUN DATE: 08-JUN-11

	CSI	Size	Lumber
TC	0.27	4x 2	SP-#2
BC	0.50	4x 2	SP-#2
--	0.42	4x 2	SP-2400f-2.0E
	S3-S4		
WB	0.22	4x 2	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	23-10- 0
BC	120.0"	0- 0- 0	23-10- 0

psf-Ld	Dead	Live
TC	10.0	40.0
BC	5.0	0.0
TC+BC	15.0	40.0

Total 55.0 Spacing 16.0"
Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
B	874		
D	874		

Jt	Brg Size	Required
B	3.5"	1.5"
D	3.5"	1.5"

Plus 2 Unbalanced Load Cases
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -CC	0.01	0 T	0.00 0.01
A -CC	0.01	0 T	0.00 0.01
CC-DD	0.05	898 C	0.00 0.05
CC-DD	0.06	898 C	0.00 0.06
DD-EE	0.08	1554 C	0.02 0.06
DD-EE	0.08	1554 C	0.02 0.06
EE-S2	0.11	1998 C	0.04 0.07
S2-FF	0.12	1998 C	0.04 0.08
EE-S2	0.12	1998 C	0.04 0.08
S2-FF	0.12	1998 C	0.04 0.08
FF-Y	0.19	2263 C	0.02 0.17
FF-Y	0.20	2263 C	0.02 0.18
Y -SS	0.24	2263 C	0.02 0.22
Y -SS	0.27	2263 C	0.02 0.25
SS-QQ	0.24	2263 C	0.02 0.22
SS-QQ	0.27	2263 C	0.02 0.25
QQ-JJ	0.14	2240 C	0.05 0.09
QQ-JJ	0.14	2240 C	0.05 0.09
JJ-S1	0.11	2001 C	0.04 0.07
S1-KK	0.11	2001 C	0.04 0.07
JJ-S1	0.11	2001 C	0.04 0.07
S1-KK	0.12	2001 C	0.04 0.08
KK-LL	0.08	1554 C	0.02 0.06
KK-LL	0.09	1554 C	0.02 0.07
LL-MM	0.05	898 C	0.00 0.05
LL-MM	0.05	898 C	0.00 0.05
MM-C	0.01	0 T	0.00 0.01
MM-C	0.01	0 T	0.00 0.01
Bottom Chords			
B -BB	0.21	929 T	0.19 0.02
BB-S3	0.50	2317 T	0.48 0.02
S3-AA	0.21	2317 T	0.20 0.01
AA-Z	0.32	3318 T	0.29 0.03
Z -X	0.37	3937 T	0.35 0.02
X -RR	0.42	4116 T	0.37 0.05
RR-NN	0.42	4176 T	0.37 0.05
NN-II	0.37	3946 T	0.35 0.02
II-HH	0.31	3317 T	0.29 0.02
HH-S4	0.21	2317 T	0.20 0.01
S4-GG	0.50	2317 T	0.48 0.02
GG-D	0.21	929 T	0.19 0.02
Webs			
B -A	0.00	26 C	
B -A	0.00	26 C	
B -CC	0.15	1237 C	
CC-BB	0.22	978 T	
BB-DD	0.12	951 C	
DD-AA	0.16	708 T	
AA-EE	0.08	684 C	
EE-Z	0.10	438 T	
Z -FF	0.05	435 C	
FF-X	0.13	565 T	
X -Y	0.04	420 C	
RR-SS	0.06	274 T	
RR-QQ	0.06	361 C	
QQ-NN	0.03	249 C	
NN-JJ	0.06	264 T	
JJ-II	0.05	426 C	
II-KK	0.10	448 T	
KK-HH	0.08	683 C	
HH-LL	0.16	706 T	
LL-GG	0.12	951 C	
GG-MM	0.22	979 T	
MM-D	0.15	1237 C	
D -C	0.00	26 C	
D -C	0.00	26 C	

TL Defl -0.46" in RR-NN L/604
LL Defl -0.30" in RR-NN L/942
Shear // Grain in Y -SS 0.20

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	3.0x 4.0	Ctr	0.5	0.45
CC	MT20	4.0x 5.0	Ctr	0.5	0.98
DD	MT20	4.0x 4.0	Ctr	0.5	0.81
EE	MT20	4.0x 4.0	Ctr	0.5	0.50
S2	MT20	W3.0x 4.0	Ctr	Ctr	0.00
FF	MT20	4.0x 4.0	Ctr	0.5	0.78
Y	MT20	2.0x 4.0-0.2	0.5	0.45	
SS	MT20	2.0x 4.0	0.2	0.5	0.45
QQ	MT20	4.0x 4.0	Ctr	0.5	0.52
JJ	MT20	4.0x 4.0	Ctr	0.5	0.43
S1	MT20	W3.0x 4.0	Ctr	Ctr	0.00
KK	MT20	4.0x 4.0	Ctr	0.5	0.51
LL	MT20	4.0x 4.0	Ctr	0.5	0.81
MM	MT20	4.0x 5.0	Ctr	0.5	0.98
C	MT20	3.0x 4.0	Ctr	0.5	0.45
B	MT20	3.0x 4.0-0.5	Ctr		0.90
BB	MT20	3.0x 4.0-0.5	Ctr		0.98
S3	MT20	W3.0x 4.0	Ctr	Ctr	0.00
AA	MT20	3.0x 3.0-0.2	Ctr		0.90
Z	MT20	3.0x 3.0	Ctr	Ctr	0.64
X	MT20	3.0x 3.0	Ctr	Ctr	0.86
RR	MT20	3.0x 3.0	Ctr	Ctr	0.57
NN	MT20	3.0x 3.0	Ctr	Ctr	0.55
II	MT20	3.0x 3.0	Ctr	Ctr	0.66
HH	MT20	3.0x 3.0	0.2	Ctr	0.90
S4	MT20	W3.0x 4.0	Ctr	Ctr	0.00
GG	MT20	3.0x 4.0	0.5	Ctr	0.98
D	MT20	3.0x 4.0	0.5	Ctr	0.90

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

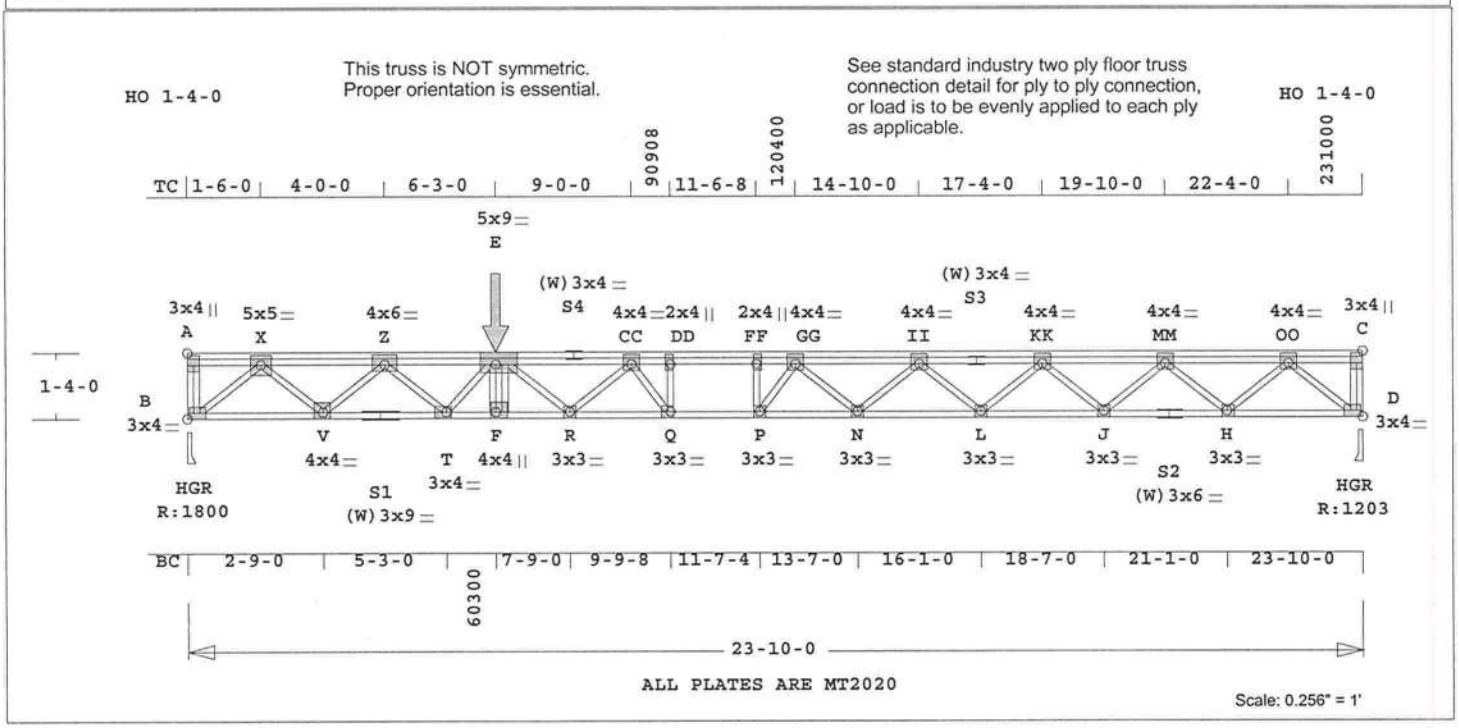
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
Design checked for 10 psf non-concurrent LL on BC.
Provide 2X6 continuous strongbacks (on edge) every 10.0 Ft. Fasten to each truss w/ 3-10d(0.131"x3") nails at truss member(s).
This truss must be installed as shown. It cannot be installed upside-down.
Max comp. force 2263 Lbs
Max tens. force 4176 Lbs
Connector Plate Fabrication Tolerance = 10%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

June 8,2011

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
COX	*FL4GIR*	1*2P	M100	231000	10400	0	0	*T4098537*

COX



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 202.9 LBS

```
Online Plus -- Version 28.0.007
RUN DATE: 08-JUN-11
***************
* 2-Ply Truss *
***************

     CSI -Size- ----Lumber----
TC  0.33  4x 2  SP-#2
BC  0.62  4x 2  SP-#2
--  0.46  4x 2  SP-2400f-2.0E
    S1-S2
WB  0.26  4x 2  SP-#2

Brace truss as follows:
      O.C.      From       To
 TC  Cont.     0- 0- 0 23-10- 0
 BC  120.0"    0- 0- 0 23-10- 0

psf-Ld  Dead  Live
TC       10.0  40.0
BC        5.0   0.0
TC+BC    15.0  40.0
Total    55.0   Spacing  16.0"
Lumber Duration Factor  1.00
Plate  Duration Factor  1.00
TC Fb=1.00  Fc=1.00  Ft=1.00
BC Fb=1.00  Fc=1.00  Ft=1.00

Total Load Reactions (Lbs)
Jt  Down  Uplift  Horiz-
B   1801
D   1204

Jt   Brg Size   Required
B       3.5"       1.5"
D       3.5"       1.5"

LC#  1  Standard Loading
Dur Fctrs - Lbr 1.00  Plt 1.00
plf - Dead  Live* From    To
TC V    13    53   0.0'  23.8'
BC V     7     0   0.0'  23.8'
TC V   343   914   6.2'  CL-LB

Plus  2 Unbalanced Load Cases
Plus  1 UBC LL Load Case(s)
Plus  1 DL Load Case(s)

Membr  CSI  P Lbs  Axl-CSI-Bnd
----------Top Chords----------
A -X  0.01     0 T  0.00  0.01
A -X  0.01     0 T  0.00  0.01
X -Z  0.06  1992 C  0.01  0.05
X -Z  0.06  1992 C  0.01  0.05
Z -E  0.11  3700 C  0.04  0.07
Z -E  0.11  3700 C  0.04  0.07
E -S4 0.15  4366 C  0.06  0.09
S4-CC 0.15  4366 C  0.06  0.09
E -S4 0.16  4366 C  0.06  0.10
S4-CC 0.16  4366 C  0.06  0.10
CC-DD 0.30  4201 C  0.03  0.27
CC-DD 0.33  4201 C  0.03  0.30
DD-FF 0.30  4201 C  0.03  0.27
DD-FF 0.33  4201 C  0.03  0.30
FF-GG 0.22  4201 C  0.03  0.19
FF-GG 0.24  4201 C  0.03  0.21
GG-II 0.11  3741 C  0.04  0.07
GG-II 0.11  3741 C  0.04  0.07
II-S3 0.08  3134 C  0.03  0.05
S3-KK 0.08  3134 C  0.03  0.05
II-S3 0.09  3134 C  0.03  0.06
S3-KK 0.09  3134 C  0.03  0.06
KK-MM 0.05  2314 C  0.01  0.04
KK-MM 0.06  2314 C  0.01  0.05
MM-OO 0.03  1287 C  0.00  0.03
MM-OO 0.04  1287 C  0.00  0.04
OO-C  0.01     0 T  0.00  0.01
OO-C  0.01     0 T  0.00  0.01
--------Bottom Chords---------
B -V  0.24  1970 T  0.22  0.02
V -S1 0.62  5256 T  0.60  0.02
S1-T  0.27  5256 T  0.26  0.01
T -F  0.44  7927 T  0.39  0.05
F -R  0.44  7927 T  0.39  0.05
R -Q  0.46  7897 T  0.39  0.07
Q -P  0.44  7638 T  0.37  0.07
P -N  0.37  7266 T  0.35  0.02
N -L  0.34  6339 T  0.31  0.03
L -J  0.25  5039 T  0.24  0.01
J -S2 0.17  3363 T  0.16  0.01
S2-H  0.39  3363 T  0.38  0.01
H -D  0.16  1299 T  0.15  0.01
------------Webs------------
B -A  0.00    32 C
B -A  0.00    32 C
B -X  0.16  2622 C
X -V  0.26  2298 T
V -Z  0.14  2271 C
Z -T  0.23  2038 T
T -E  0.11  1827 C
F -E  0.00    13 C
F -E  0.00    13 C
F -E  0.00    13 C
E -R  0.03   341 T
R -CC 0.03   323 T
CC-Q  0.05   867 C
Q -DD 0.07   649 T
P -FF 0.04   791 C
P -GG 0.12  1060 T
GG-N  0.04   753 C
N -II 0.08   734 T
II-L  0.05   889 C
L -KK 0.10   918 T
KK-J  0.07  1155 C
J -MM 0.13  1176 T
MM-H  0.08  1420 C
H -OO 0.16  1448 T
OO-D  0.10  1730 C
D -C  0.00    28 C
D -C  0.00    28 C

TL Defl  -0.42" in R -Q  L/669
LL Defl  -0.27" in R -Q  L/999
Shear // Grain  in CC-DD  0.18

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type  Plt Size  X   Y   JSI
A  MT20  3.0x 4.0 Ctr 0.5 0.22
X  MT20  5.0x 5.0 Ctr Ctr 0.84
Z  MT20  4.0x 6.0 Ctr 0.5 0.97
E  MT20  5.0x 9.0 Ctr-0.2 0.42
S4 MT20 W3.0x 4.0 Ctr Ctr 0.00
CC MT20  4.0x 4.0 Ctr 0.5 0.30
DD MT20  2.0x 4.0-0.2 0.5 0.39
FF MT20  2.0x 4.0 0.2 0.5 0.25
GG MT20  4.0x 4.0 Ctr 0.5 0.73
II MT20  4.0x 4.0 Ctr 0.5 0.42
S3 MT20 W3.0x 4.0 Ctr Ctr 0.00
KK MT20  4.0x 4.0 Ctr 0.5 0.53
MM MT20  4.0x 4.0 Ctr 0.5 0.67
OO MT20  4.0x 4.0 Ctr 0.5 0.83
C  MT20  3.0x 4.0 Ctr 0.5 0.22
B  MT20  3.0x 4.0-0.5 Ctr 0.96
V  MT20  4.0x 4.0-0.2 0.5 0.93
S1 MT20 W3.0x 9.0 Ctr Ctr 0.00
T  MT20  3.0x 4.0-0.8 Ctr 0.99
F  MT20  4.0x 4.0 Ctr 0.5 0.16
R  MT20  3.0x 3.0 Ctr Ctr 0.27
Q  MT20  3.0x 3.0 Ctr Ctr 0.50
P  MT20  3.0x 3.0 Ctr Ctr 0.81
N  MT20  3.0x 3.0 Ctr Ctr 0.54
L  MT20  3.0x 3.0 Ctr Ctr 0.67
J  MT20  3.0x 3.0 Ctr Ctr 0.86
S2 MT20 W3.0x 6.0 Ctr Ctr 0.00
H  MT20  3.0x 3.0 0.2 Ctr 0.92
D  MT20  3.0x 4.0 0.5 Ctr 0.63

REVIEWED BY:
MiTek Industries, Inc.
 6904 Parke East Blvd.
 Tampa, FL  33610

REFER TO ONLINE PLUS GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
  Mayo Truss Co. Inc.
Analysis Conforms To:
  FBC2007
  TPI 2002
2 COMPLETE TRUSSES REQUIRED.
Securely fasten plys to act as
  a single unit.
Design checked for 10 psf non-
  concurrent LL on BC.
Provide 2X6 continuous
  strongbacks (on edge) every
  10.0 Ft.  Fasten to each
  truss w/ 3-10d(0.131"x3")
  nails at truss member(s).
This truss must be installed
  as shown. It cannot be
  installed upside-down.
Max comp. force     4366 Lbs
Max tens. force     7927 Lbs
Connector Plate Fabrication
  Tolerance = 10%
This truss is designed for a
  creep factor of 1.5  which
  is used to calculate total
  load deflection.
```

PHILIP J. O'REGAN LICENSE No 58126 STATE OF FLORIDA PROFESSIONAL ENGINEER

FL Cert. 6634

June 8,2011

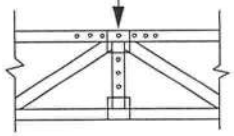
JANUARY 1, 2009	2 PLY FLOOR TRUSS CONNECTION DETAIL	ST-2PLY_SCREW

MiTek Industries, Inc.

REFER TO INDIVIDUAL TRUSS DESIGN
FOR PLATE SIZES AND LUMBER GRADES

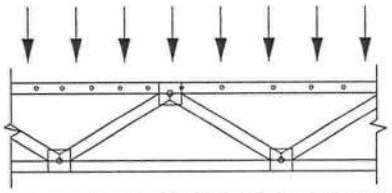
SIMPSON SDS1/4x6 or USP WS6 SCREWS

MAX. CONCENTRATED LOAD
AS PER CHART BELOW



- 7 SCREWS IN TOP CHORD @ 4" o.c.
- SCREWS IN VERTICAL WEB @ 4" o.c. AND 4" END DISTANCE

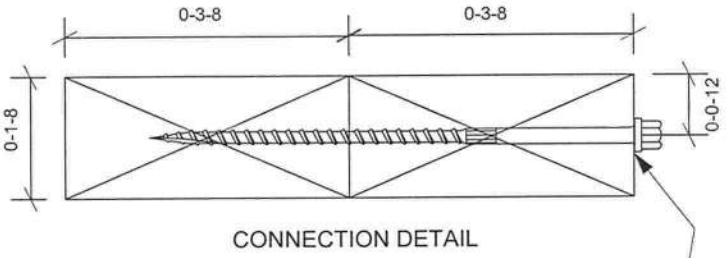
MAX. UNIFORM LOAD
AS PER CHART BELOW



- TOP CHORD SCREW SPACING PER CHART BELOW

TRUSS DEPTH	MAX. CONC. LOAD (LBS) PER VERTICAL	
	SYP or DF	SPF or HF
0-9-4	3220	2450
1-0-0	3220	2450
1-2-0	3680	2800
1-4-0	3680	2800
1-6-0	4140	3150
1-8-0	4140	3150
1-10-0	4600	3500
2-0-0	4600	3500

TOP CHORD SCREW SPACING	MAX. GIRDER LOAD ALONG TOP CHORD (PLF)	
	SYP or DF	SPF or HF
0-4-0	1380	1050
0-6-0	920	700
0-10-0	552	420
1-0-0	460	350
1-4-0	344	262
1-6-0	306	232
1-8-0	276	210
2-0-0	230	174



CONNECTION DETAIL

HEADS CAN BE COUNTERSUNK FLUSH WITH SURFACE OF THE LUMBER.

FL Cert. 6634

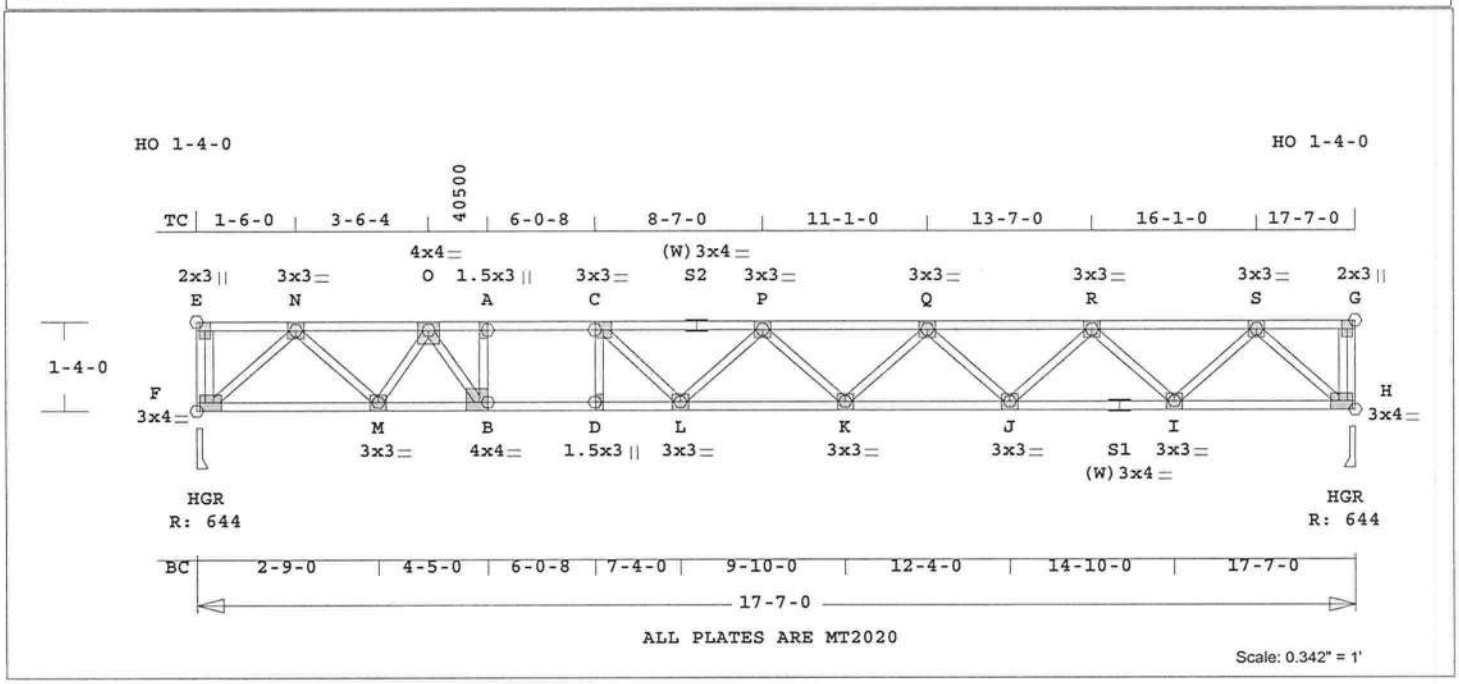
June 8,2011

GENERAL NOTES AND SPECIFICATIONS

1) MIN. END DISTANCE OF 4" IN ALL MEMBERS.
2) GAP BETWEEN TRUSS PLY's SHALL NOT EXCEED 1/8"
3) SCREW HEADS TO BE ON LOADED FACE.
4) PRE DRILL ANY SCREW THAT GOES THROUGH A PLATE
5) SCREWS SHALL NOT BE INSTALLED IN AREAS WHERE LUMBER WANE EXCEEDS 1/4"
6) CONCENTRATED LOADS TO BE APPLIED AT TRUSS PANEL POINT WITH VERTICAL WEB.
7) SCREW LOCATIONS MAY BE ADJUSTED UP TO 3" TO AVOID OTHER HARDWARE OR LUMBER DEFECTS.
8) SHEATHING SHALL BE MECHANICALLY ATTACHED TO EACH TRUSS TOP CHORD WITH FASTENERS AT 12" O.C. MAX..

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
COX	FL6	3	M150	170700	10400	0	0	T4098538

COX



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 118.0 LBS

```
Online Plus -- Version 28.0.007
RUN DATE: 08-JUN-11

     CSI -Size- ----Lumber----
TC  0.80  4x 2  SP-#2
BC  0.91  4x 2  SP-#1
--  0.34  4x 2  SP-#2
    S1-H
WB  0.18  4x 2  SP-#2

Brace truss as follows:
      O.C.      From       To
 TC  Cont.    0- 0- 0 17- 7- 0
 BC  120.0"   0- 0- 0 17- 7- 0

psf-Ld  Dead  Live
TC       10.0  40.0
BC        5.0   0.0
TC+BC    15.0  40.0
Total    55.0   Spacing  16.0"
Lumber Duration Factor  1.00
Plate  Duration Factor  1.00
TC Fb=1.15  Fc=1.10  Ft=1.10
BC Fb=1.10  Fc=1.10  Ft=1.10

Total Load Reactions (Lbs)
Jt  Down  Uplift  Horiz-
F    645
H    645

Jt   Brg Size    Required
F       3.5"        1.5"
H       3.5"        1.5"

Plus  2 Unbalanced Load Cases
Plus  1 UBC LL Load Case(s)
Plus  1 DL Load Case(s)

Membr  CSI  P Lbs  Axl-CSI-Bnd
----------Top Chords----------
E -N  0.12     0 T  0.00  0.12
N -O  0.13  1140 C  0.01  0.12
O -A  0.80  1889 C  0.02  0.78
A -C  0.80  1889 C  0.02  0.78
C -S2 0.54  2178 C  0.06  0.48
S2-P  0.34  2178 C  0.04  0.30
P -Q  0.34  2229 C  0.04  0.30
Q -R  0.21  1878 C  0.03  0.18
R -S  0.19  1153 C  0.01  0.18
S -G  0.12     0 T  0.00  0.12
--------Bottom Chords---------
F -M  0.19   671 T  0.11  0.08
M -B  0.77  1471 T  0.19  0.58
B -D  0.91  1889 T  0.31  0.60
D -L  0.91  1889 T  0.31  0.60
L -K  0.45  2322 T  0.38  0.07
K -J  0.39  2131 T  0.35  0.04
J -S1 0.28  1606 T  0.26  0.02
S1-I  0.34  1606 T  0.33  0.01
I -H  0.16   681 T  0.14  0.02
-------------Webs-------------
F -E  0.00    21 C
F -E  0.00    21 C
F -N  0.11   893 C
N -M  0.14   649 T
M -O  0.07   623 C
O -B  0.18   793 T
B -A  0.04   388 C
D -C  0.03   283 C
C -L  0.10   470 T
L -P  0.03   247 C
P -K  0.01   129 C
K -Q  0.03   136 T
Q -J  0.04   351 C
J -R  0.08   378 T
R -I  0.08   630 C
I -S  0.15   656 T
S -H  0.11   907 C
H -G  0.00    20 C
H -G  0.00    20 C

TL Defl  -0.32" in D -L  L/634
LL Defl  -0.21" in D -L  L/984
Shear // Grain  in O -A   0.32

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type  Plt Size  X   Y   JSI
E  MT20  2.0x 3.0 Ctr Ctr 0.67
N  MT20  3.0x 3.0 Ctr Ctr 0.94
O  MT20  4.0x 4.0 Ctr-0.5 0.67
A  MT20  1.5x 3.0 Ctr Ctr 0.64
C  MT20  3.0x 3.0 Ctr Ctr 0.69
S2 MT20 W3.0x 4.0 Ctr Ctr 0.00
P  MT20  3.0x 3.0 Ctr Ctr 0.55
Q  MT20  3.0x 3.0 Ctr Ctr 0.55
R  MT20  3.0x 3.0 Ctr Ctr 0.55
S  MT20  3.0x 3.0 Ctr Ctr 0.96
G  MT20  2.0x 3.0 Ctr Ctr 0.67
F  MT20  3.0x 4.0-0.5 Ctr 0.86
M  MT20  3.0x 3.0 Ctr Ctr 0.94
B  MT20  4.0x 4.0-0.5 0.5 0.62
D  MT20  1.5x 3.0 Ctr Ctr 0.64
L  MT20  3.0x 3.0 Ctr Ctr 0.69
K  MT20  3.0x 3.0 Ctr Ctr 0.55
J  MT20  3.0x 3.0 Ctr Ctr 0.55
S1 MT20 W3.0x 4.0 Ctr Ctr 0.00
I  MT20  3.0x 3.0 Ctr Ctr 0.96
H  MT20  3.0x 4.0 0.5 Ctr 0.86

REVIEWED BY:
MiTek Industries, Inc.
 6904 Parke East Blvd.
 Tampa, FL  33610

REFER TO ONLINE PLUS GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
  Mayo Truss Co. Inc.
Analysis Conforms To:
  FBC2007
  TPI 2002
Design checked for 10 psf non-
  concurrent LL on BC.
Provide 2X6 continuous
  strongbacks (on edge) every
  10.0  Ft.  Fasten to each
  truss w/ 3-10d(0.131"x3")
  nails at truss member(s).
This truss must be installed
  as shown. It cannot be
  installed upside-down.
Max comp. force     2229 Lbs
Max tens. force     2322 Lbs
Connector Plate Fabrication
  Tolerance = 10%
This truss is designed for a
  creep factor of 1.5  which
  is used to calculate total
  load deflection.
```

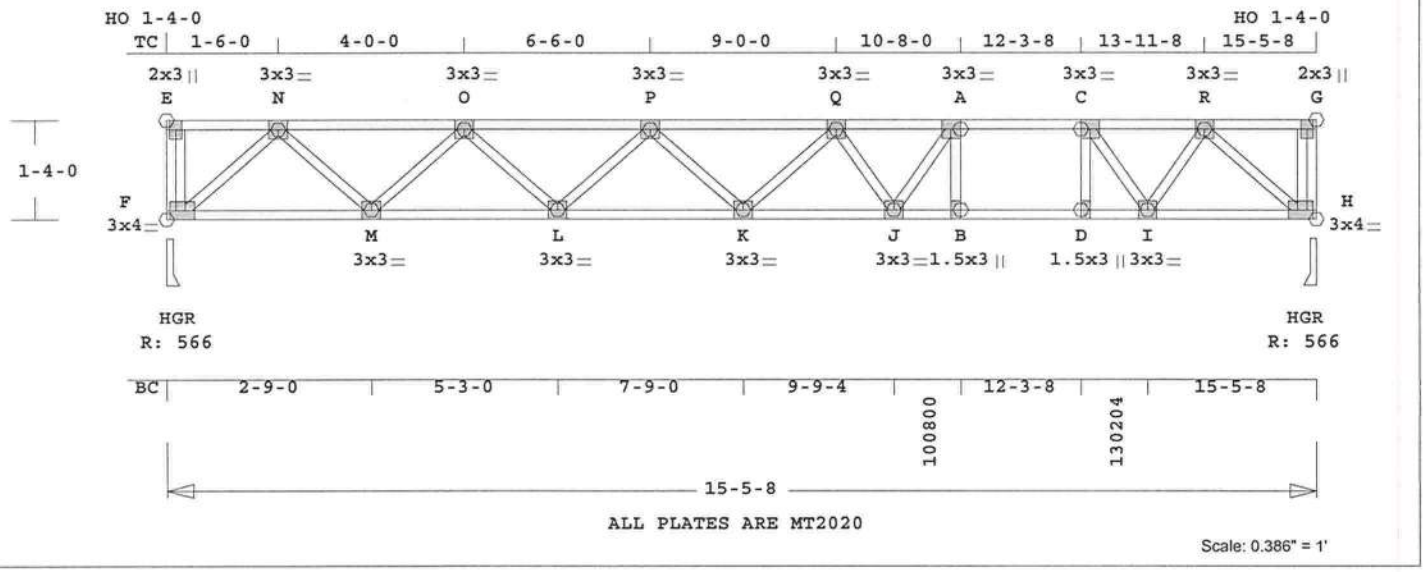
PHILIP J. O'REGAN LICENSE No 58126 STATE OF FLORIDA PROFESSIONAL ENGINEER

FL Cert. 6634

June 8,2011

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
COX	*FL7*	3	M150	150508	10400	0	0	*T4098539*

COX



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 105.7 LBS

Online Plus -- Version 28.0.007
RUN DATE: 08-JUN-11

	CSI	Size	Lumber
TC	0.63	4x 2	SP-#2
BC	0.86	4x 2	SP-#1
WB	0.13	4x 2	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	15- 5- 8
BC	120.0"	0- 0- 0	15- 5- 8

psf-Ld	Dead	Live
TC	10.0	40.0
BC	5.0	0.0
TC+BC	15.0	40.0
Total	55.0	Spacing 16.0"

Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
F	567		
H	567		

Jt	Brg Size	Required
F	3.5"	1.5"
H	3.5"	1.5"

Plus 2 Unbalanced Load Cases
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
E -N	0.13	0	T 0.00	0.13
N -O	0.19	984	C 0.01	0.18
O -P	0.20	1550	C 0.02	0.18
P -Q	0.25	1735	C 0.03	0.22
Q -A	0.52	1602	C 0.02	0.50
A -C	0.63	1312	C 0.01	0.62
C -R	0.62	862	C 0.00	0.62
R -G	0.13	0	T 0.00	0.13
Bottom Chords				
F -M	0.11	593	T 0.09	0.02
M -L	0.23	1356	T 0.22	0.01
L -K	0.31	1725	T 0.28	0.03
K -J	0.33	1740	T 0.28	0.05
J -B	0.86	1312	T 0.19	0.67
B -D	0.86	1312	T 0.19	0.67
D -I	0.84	1312	T 0.19	0.65
I -H	0.14	562	T 0.09	0.05

Webs			
F -E	0.00	19	C
F -E	0.00	19	C
F -N	0.10	789	C
N -M	0.12	544	T
M -O	0.06	517	C
O -L	0.06	269	T
L -P	0.03	243	C
P -K	0.01	66	T
K -Q	0.00	48	C
Q -J	0.03	283	C
J -A	0.12	552	T
B -A	0.04	356	C
D -C	0.08	369	T
C -I	0.09	793	C
I -R	0.13	564	T
R -H	0.09	745	C
H -G	0.00	34	C
H -G	0.00	34	C

TL Defl -0.23" in J -B L/772
LL Defl -0.15" in J -B L/999
Shear // Grain in J -B 0.32

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
E	MT20	2.0x 3.0	Ctr	Ctr	0.33
N	MT20	3.0x 3.0	Ctr	Ctr	0.79
O	MT20	3.0x 3.0	Ctr	Ctr	0.39
P	MT20	3.0x 3.0	Ctr	Ctr	0.24
Q	MT20	3.0x 3.0	Ctr	Ctr	0.25
A	MT20	3.0x 3.0	Ctr	Ctr	0.85
C	MT20	3.0x 3.0	Ctr	Ctr	0.61
R	MT20	3.0x 3.0	Ctr	Ctr	0.87
G	MT20	2.0x 3.0	Ctr	Ctr	0.33
F	MT20	3.0x 4.0-0.5	Ctr	Ctr	0.57
M	MT20	3.0x 3.0	Ctr	Ctr	0.79
L	MT20	3.0x 3.0	Ctr	Ctr	0.39
K	MT20	3.0x 3.0	Ctr	Ctr	0.24
J	MT20	3.0x 3.0	Ctr	Ctr	0.85
B	MT20	1.5x 3.0	Ctr	Ctr	0.22
D	MT20	1.5x 3.0	Ctr	Ctr	0.63
I	MT20	3.0x 3.0	Ctr	Ctr	0.87
H	MT20	3.0x 4.0	0.5	Ctr	0.54

REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

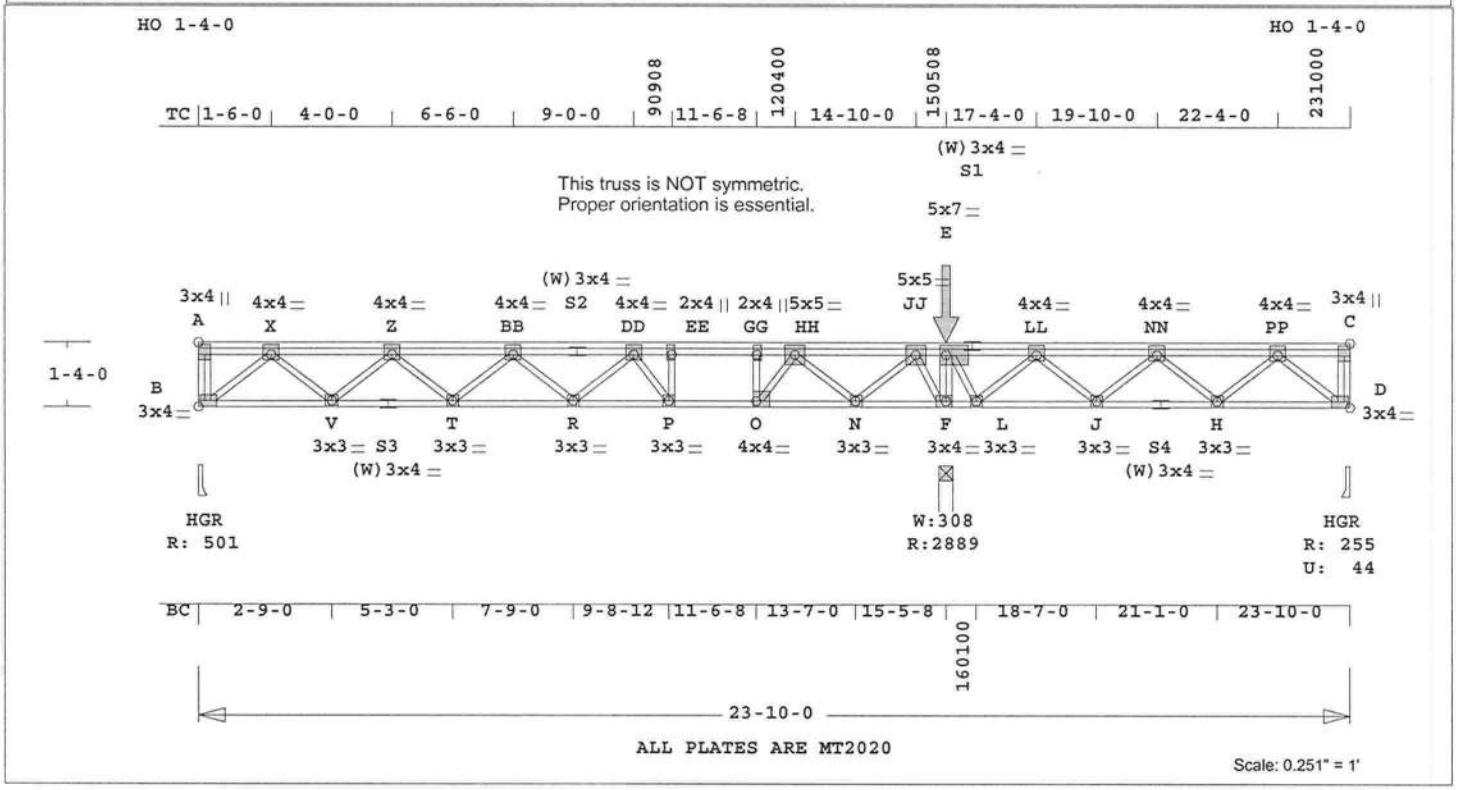
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
Design checked for 10 psf non-concurrent LL on BC.
Provide 2X6 continuous strongbacks (on edge) every 10.0 Ft. Fasten to each truss w/ 3-10d(0.131"x3") nails at truss member(s).
This truss must be installed as shown. It cannot be installed upside-down.
Max comp. force 1735 Lbs
Max tens. force 1740 Lbs
Connector Plate Fabrication Tolerance = 10%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

June 8,2011

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
COX	FL5GIR	1	M100	231000	10400	0	0	T4098540

COX



MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 202.7 LBS

```
Online Plus -- Version 28.0.007
RUN DATE: 08-JUN-11

     CSI -Size- ----Lumber----
TC  0.37  4x 2  SP-#2
BC  0.28  4x 2  SP-#2
--  0.23  4x 2  SP-2400f-2.0E
    S3-S4
WB  0.18  4x 2  SP-#2

Brace truss as follows:
      O.C.      From      To
 TC  Cont.    0- 0- 0 23-10- 0
 BC  120.0"   0- 0- 0 23-10- 0

psf-Ld  Dead  Live
TC       10.0  40.0
BC        5.0   0.0
TC+BC    15.0  40.0
Total    55.0   Spacing  16.0"
Lumber Duration Factor  1.00
Plate  Duration Factor  1.00
TC Fb=1.00  Fc=1.00  Ft=1.00
BC Fb=1.00  Fc=1.00  Ft=1.00

Total Load Reactions (Lbs)
Jt  Down  Uplift  Horiz-
B    502
F   2889
D    256     45 G
G = Gravity Uplift

Jt   Brg Size    Required
B       3.5"        1.5"
F       3.5"        1.5"
D       3.5"        1.5"

LC#  1  Standard Loading
Dur Fctrs - Lbr 1.00  Plt 1.00
plf - Dead  Live* From    To
TC V    13    53   0.0'  23.8'
BC V     7     0   0.0'  23.8'
TC V   491  1309  15.5'  CL-LB

Plus  4 Unbalanced Load Cases
Plus  1 UBC LL Load Case(s)
Plus  1 DL Load Case(s)

Membr  CSI  P Lbs  Axl-CSI-Bnd
----------Top Chords----------
A -X  0.02     0 T  0.00  0.02
A -X  0.02     0 T  0.00  0.02
X -Z  0.04   458 C  0.00  0.04
X -Z  0.05   458 C  0.00  0.05
Z -BB 0.04   695 C  0.00  0.04
Z -BB 0.04   695 C  0.00  0.04
BB-S2 0.05   722 C  0.00  0.05
S2-DD 0.06   722 C  0.00  0.06
BB-S2 0.06   722 C  0.00  0.06
S2-DD 0.06   722 C  0.00  0.06
DD-EE 0.33   495 C  0.00  0.33
DD-EE 0.37   495 C  0.00  0.37
EE-GG 0.34   495 C  0.00  0.34
EE-GG 0.37   495 C  0.00  0.37
GG-HH 0.34   495 C  0.00  0.34
GG-HH 0.37   495 C  0.00  0.37
HH-JJ 0.08    70 T  0.01  0.07
HH-JJ 0.09    70 T  0.01  0.08
JJ-E  0.19   527 T  0.12  0.07
JJ-E  0.20   527 T  0.12  0.08
E -S1 0.13   428 T  0.09  0.04
S1-LL 0.13   428 T  0.09  0.04
E -S1 0.14   428 T  0.09  0.05
S1-LL 0.13   428 T  0.09  0.04
LL-NN 0.06   228 T  0.01  0.05
LL-NN 0.06   228 T  0.01  0.05
NN-PP 0.05   168 C  0.00  0.05
NN-PP 0.05   168 C  0.00  0.05
PP-C  0.03     0 T  0.00  0.03
PP-C  0.03     0 T  0.00  0.03
--------Bottom Chords---------
B -V  0.13   512 T  0.11  0.02
V -S3 0.28  1135 T  0.26  0.02
S3-T  0.12  1135 T  0.11  0.01
T -R  0.15  1379 T  0.12  0.03
R -P  0.23  1209 T  0.11  0.12
P -O  0.20   900 T  0.08  0.12
O -N  0.16   480 T  0.04  0.12
N -F  0.06   624 C  0.03  0.03
F -L  0.09   958 C  0.07  0.02
L -J  0.02   579 C  0.01  0.01
J -S4 0.04   359 T  0.03  0.01
S4-H  0.10   359 T  0.08  0.02
H -D  0.07   235 T  0.05  0.02
------------Webs-------------
B -A  0.00    23 C
B -A  0.00    23 C
B -X  0.08   681 C
X -V  0.10   448 T
V -Z  0.05   419 C
Z -T  0.04   177 T
T -BB 0.02   161 C
BB-R  0.01   111 C
R -DD 0.03   166 T
DD-P  0.07   591 C
P -EE 0.10   446 T
O -GG 0.06   585 C
O -HH 0.18   789 T
HH-N  0.09   724 C
N -JJ 0.16   695 T
JJ-F  0.08   714 C
F -E  0.14  1215 C
F -E  0.14  1215 C
E -L  0.09   398 T
L -LL 0.06   543 C
LL-J  0.07   333 T
J -NN 0.03   306 C
NN-H  0.03   152 T
H -PP 0.02   125 C
PP-D  0.03   313 C
D -C  0.00    22 C
D -C  0.00    22 C

TL Defl  -0.10" in R -P  L/999
LL Defl  -0.06" in R -P  L/999
Shear // Grain  in DD-EE  0.27

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type  Plt Size  X   Y   JSI
A  MT20  3.0x 4.0 Ctr 0.5 0.45
X  MT20  4.0x 4.0 Ctr 0.5 0.51
Z  MT20  4.0x 4.0 Ctr 0.5 0.43
BB MT20  4.0x 4.0 Ctr 0.5 0.43
S2 MT20 W3.0x 4.0 Ctr Ctr 0.00
DD MT20  4.0x 4.0 Ctr 0.5 0.52
EE MT20  2.0x 4.0-0.2 0.5 0.53
GG MT20  2.0x 4.0 0.2 0.5 0.45
HH MT20  5.0x 5.0 Ctr Ctr 0.60
JJ MT20  5.0x 5.0 Ctr Ctr 0.51
E  MT20  5.0x 7.0 0.5 Ctr 0.56
S1 MT20 W3.0x 4.0 Ctr Ctr 0.00
LL MT20  4.0x 4.0 Ctr 0.5 0.43
NN MT20  4.0x 4.0 Ctr 0.5 0.43
PP MT20  4.0x 4.0 Ctr 0.5 0.43
C  MT20  3.0x 4.0 Ctr 0.5 0.45
B  MT20  3.0x 4.0-0.5 Ctr 0.86
V  MT20  3.0x 3.0 Ctr Ctr 0.65
S3 MT20 W3.0x 4.0 Ctr Ctr 0.00
T  MT20  3.0x 3.0 Ctr Ctr 0.55
R  MT20  3.0x 3.0 Ctr Ctr 0.55
P  MT20  3.0x 3.0 Ctr Ctr 0.68
O  MT20  4.0x 4.0 0.5 0.5 0.60
N  MT20  3.0x 3.0 0.2 Ctr 0.88
F  MT20  3.0x 4.0 1.0 Ctr 0.93
L  MT20  3.0x 3.0 Ctr Ctr 0.64
J  MT20  3.0x 3.0 Ctr Ctr 0.55
S4 MT20 W3.0x 4.0 Ctr Ctr 0.00
H  MT20  3.0x 3.0 Ctr Ctr 0.55
D  MT20  3.0x 4.0 0.5 Ctr 0.86

REVIEWED BY:
MiTek Industries, Inc.
 6904 Parke East Blvd.
 Tampa, FL  33610

REFER TO ONLINE PLUS GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.
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NOTES:
- Trusses Manufactured by: Mayo Truss Co. Inc.
- Analysis Conforms To: FBC2007, TPI 2002
- Design checked for 10 psf non-concurrent LL on BC.
- Provide 2X6 continuous strongbacks (on edge) every 10.0 Ft. Fasten to each truss w/ 3-10d(0.131"x3") nails at truss member(s).
- This truss must be installed as shown. It cannot be installed upside-down.
- Max comp. force 1215 Lbs
- Max tens. force 1379 Lbs
- Connector Plate Fabrication Tolerance = 10%
- This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

FL Cert. 6634

June 8,2011

ONLINE PLUS GENERAL NOTES & SYMBOLS

108

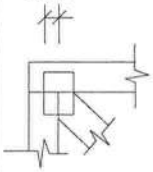
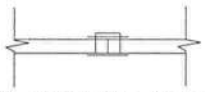


PLATE LOCATION

Center plates on joints unless otherwise noted in plate list or on drawing. Dimensions are given in inches (i.e. 1 1/2" or 1.5") or IN-16ths (i.e. 108)

FLOOR TRUSS SPLICE (3X2, 4X2, 6X2)



(W) = Wide Face Plate
(N) = Narrow Face Plate

LATERAL BRACING

Designates the location for continuous lateral bracing (CLB) for support of individual truss members only. CLBs must be properly anchored or restrained to prevent simultaneous buckling of adjacent truss members.

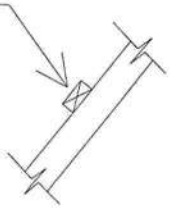
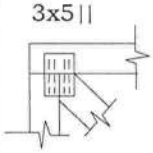


PLATE SIZE AND ORIENTATION

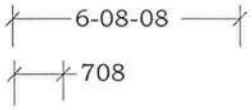
3x5||

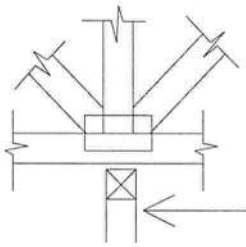


The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots. Plate orientation, shown next to plate size, indicates direction of slots in connector plates.

DIMENSIONS

All dimensions are shown in FT-IN-SX (i.e. 6'-8.5" or 6-08-08). Dimensions less than one foot are shown in IN-SX only (i.e. 708).





W = Actual Bearing Width (IN-SX)
R = Reaction (lbs.)
U = Uplift (lbs.)

BEARING

When truss is designed to bear on multiple supports, interior bearing locations should be marked on the truss. Interior support or temporary shoring must be in place before trusses are installed. If necessary, shim bearings to assure solid contact with truss.

Metal connector plates shall be applied on both faces of truss at each joint. Center the plates, unless indicated otherwise. No loose knots or wane in plate contact area. Splice only where shown. Overall spans assume 4" bearing at each end, unless indicated otherwise. Cutting and fabrication shall be performed using equipment which produces snug-fitting joints and plates. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication and the attached truss designs are not applicable for use with fire retardant lumber and some preservative treatments. Nails specified on Truss Design Drawings refer to common wire nails, except as noted. The attached design drawings were prepared in accordance with " National Design Specifications for Wood Construction" (AF & PA), " National Design Standard for Metal Plate Connected Wood Truss Construction" (ANSI/TPI 1), and HUD Design Criteria for Trussed Rafters.

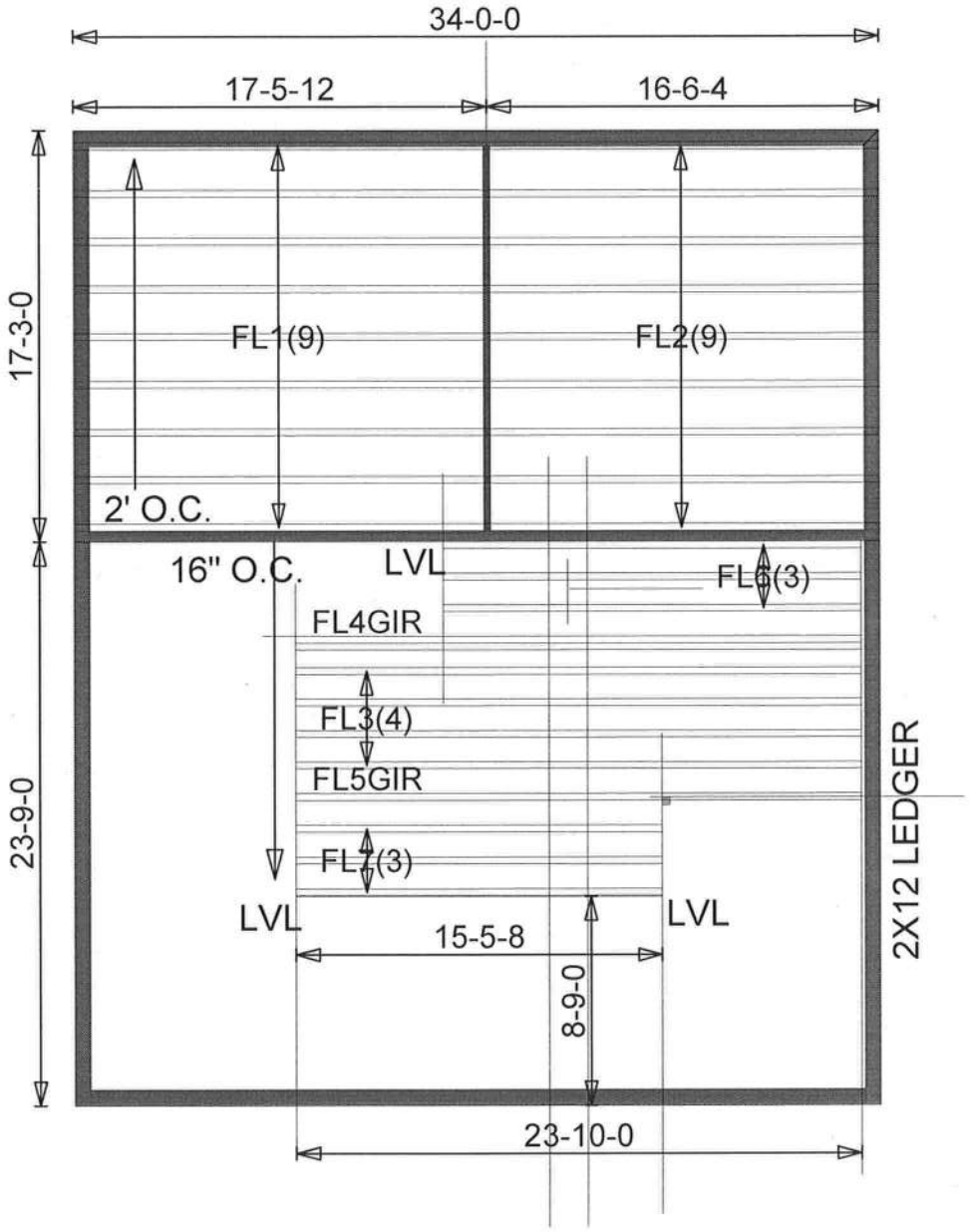
Mitek Industries Inc. bears no responsibility for the erection of trusses, field bracing or permanent truss bracing. Refer to "Building Component Safety Information" (BCSI 1) as published by Truss Plate Institute, 218 North Lee Street, Suite 312, Alexandria, Virginia 22314. Persons erecting trusses are cautioned to seek professional advice concerning proper erection bracing to prevent toppling and " dominoing ". Care should be taken to prevent damage during fabrication, storage, shipping and erection. Top and bottom chords shall be adequately braced in the absence of sheathing or rigid ceiling, respectively. It is the responsibility of others to ascertain that design loads utilized on these drawings meet or exceed the actual dead loads imposed by the structure and the live loads imposed by the local building code or historical climatic records. When truss hangers are specified on the Truss Design Drawing, they must be installed per manufacturer's details and specifications.

FURNISH A COPY OF THE ATTACHED TRUSS DESIGN DRAWINGS TO ERECTION CONTRACTOR. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO REVIEW THESE DRAWINGS AND VERIFY THAT DATA, INCLUDING DIMENSIONS & LOADS, CONFORM TO ARCHITECTURAL PLAN / SPECS AND THE TRUSS PLACEMENT DIAGRAM FURNISHED BY THE TRUSS MANUFACTURER.

MiTek®
POWER TO PERFORM.™

MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610-4115

Tel: 813-972-1135
Fax: 813-971-6117



Mayo Truss Co. Inc.
845 East US 27
MAYO, FL 32066
(386)294-3988
(877)-558-6262

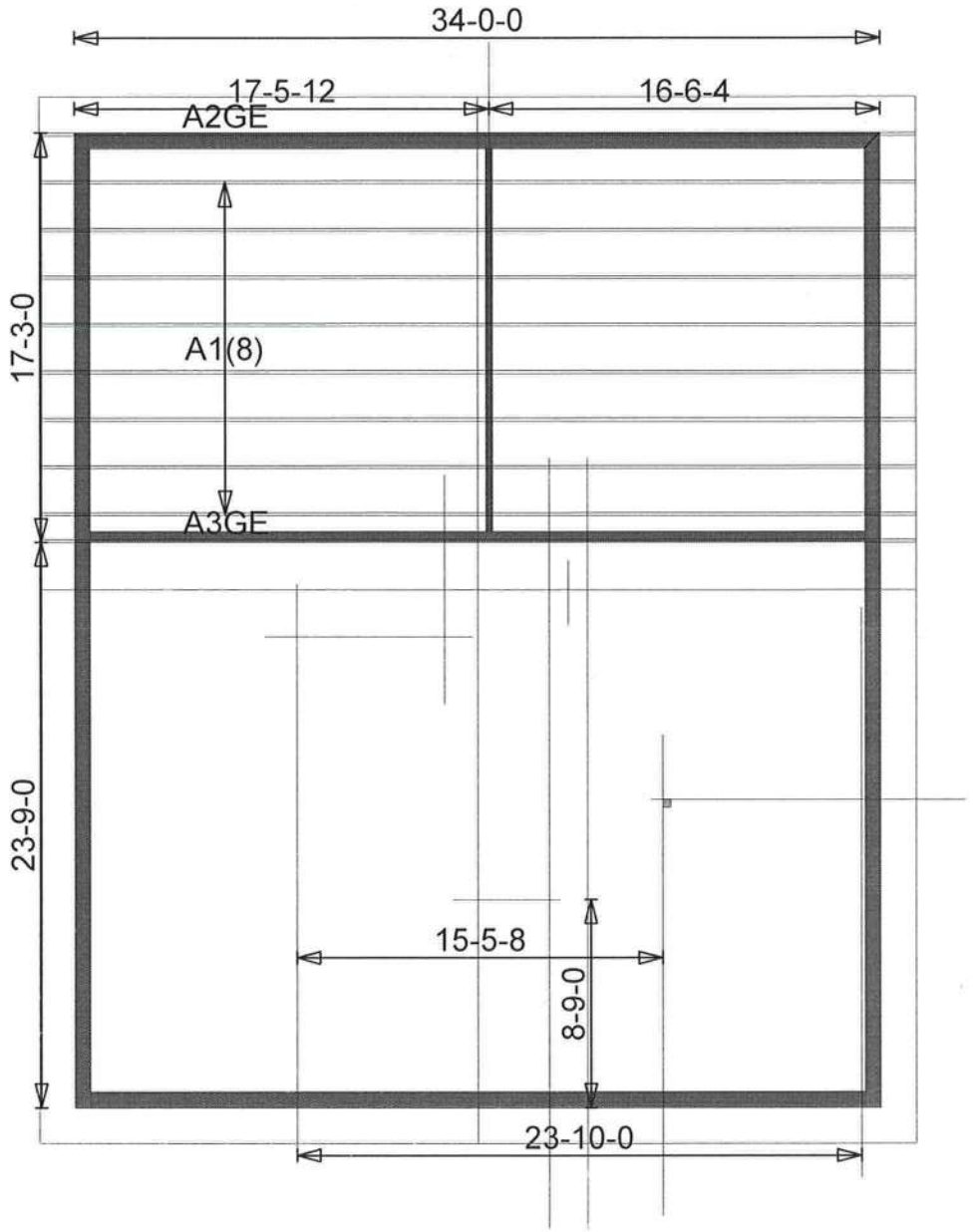
COX

COLUMBIA COUNTY

110 MPH ASCE WIND LOAD

Floor Loading
TC Live: 40.00 psf
TC Dead: 10.00 psf
BC Live: 0.00 psf
BC Dead: 5.00 psf
TC Stress Inc: 0.00
BC Stress Inc: 0.00
Spacing: variable

Account: INDIVIDUAL
Job: COX
Designer: C. LITTLE
Checker:
Date: 06-10-11



Mayo Truss Co. Inc.
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(877)-558-6262

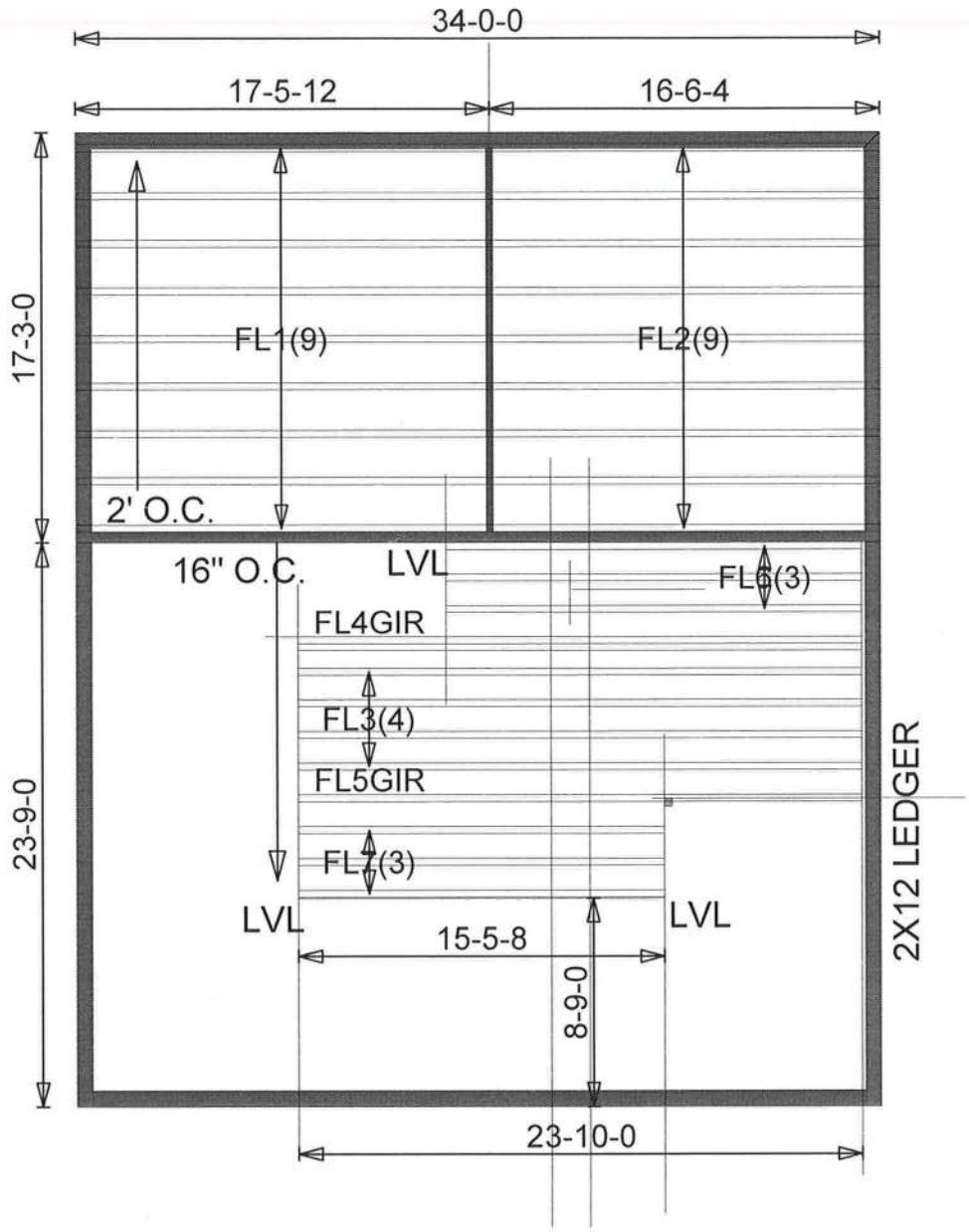
COX

COLUMBIA COUNTY

110 MPH ASCE WIND LOAD

Roof Loading
TC Live: 20.00 psf
TC Dead: 10.00 psf
BC Live: 0.00 psf
BC Dead: 10.00 psf
TC Stress Inc: 25.00
BC Stress Inc: 25.00
Spacing: 2- 0- 0 o.c.

Account: INDIVIDUAL
Job: COX
Designer: C. LITTLE
Checker:
Date: 06-10-11



Mayo Truss Co. Inc.
845 East US 27
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COX

COLUMBIA COUNTY

110 MPH ASCE WIND LOAD

Floor Loading
TC Live: 40.00 psf
TC Dead: 10.00 psf
BC Live: 0.00 psf
BC Dead: 5.00 psf
TC Stress Inc: 0.00
BC Stress Inc: 0.00
Spacing: variable

Account: INDIVIDUAL
Job: COX
Designer: C. LITTLE
Checker:
Date: 06-10-11

COX FL FEENEY CONST

2008.2 Allowable Stress Design

NOTE:
1. THIS COMPONENT IS DESIGNED TO SUPPORT ONLY THE VERTICAL LOADS SHOWN VERIFICATION OF LOADING, DEFLECTION LIMITATIONS, FRAMING METHODS, WIND AND SEISMIC BRACING, AND OTHER LATERAL BRACING THAT IS ALWAYS REQUIRED IS THE RESPONSIBILITY OF THE PROJECT ENGINEER OR ARCHITECT.
2. PROVIDE RESTRAINT AT SUPPORTS TO ENSURE LATERAL STABILITY.
3. DO NOT CUT, NOTCH OR DRILL LP LVL.
4. SHIM ALL BEARINGS FOR FULL CONTACT.
5. VERIFY DIMENSIONS BEFORE CUTTING LP LVL TO SIZE.
6. THIS LP LVL IS TO BE USED AS A FLOOR BEAM ONLY.
7. PROVIDE LATERAL BRACING FOR THE COMPRESSION EDGE AT EACH END OF COMPONENT.

ATTACH THE TWO PLIES WITH 3 ROWS OF 16d (3-1/2") NAILS AT 12" OC. STAGGER ROWS. NAILS CAN BE DRIVEN FROM ONE FACE OR HALF FROM EACH FACE. NAILS MAY BE COMMON OR BOX NAILS WITH A MINIMUM SHANK DIAMETER OF 0.131". 16d SINKERS (3-1/4") MAY BE USED, BUT HALF MUST BE DRIVEN FROM EACH FACE.

LOAD TABLE

NOTE: LOADS SHOWN ARE FOR INPUT LOAD CASE (1). OTHER LOAD CASES FOR PATTERN LIVE LOADING ARE CHECKED AS REQUIRED.
(DIMENSIONS MEASURED FROM LEFT END OF SPAN OR CANTILEVER.)

DISTRIBUTION	SOURCE	TYPE	TOP/SIDE	LOAD	FROM FT-IN-SX	TO FT-IN-SX	LOAD	LDF
UNIFORM	FLOOR	LIVE	SIDE	360 PLF	00-00-00	05-00-00		1.00
UNIFORM	FLOOR	DEAD	SIDE	135 PLF	00-00-00	05-00-00		0.90
UNIFORM	BEAM	WEIGHT		16 PLF	00-00-00	05-00-00		0.90

2 BEAMS 1.75 X 16.000 LP LVL2650Fb-1.9E
DESIGN CONSISTS OF 2 - PLIES FASTENED TOGETHER (REFER TO NOTES).

WARNING NOTES:

THIS COMPONENT DESIGN IS SPECIFICALLY FOR L-P ENGINEERED WOOD PRODUCTS. USE OF THIS DESIGN FOR ANYTHING OTHER THAN LP LVL OR LP LSL OR LP I-JOISTS IS STRICTLY PROHIBITED. ANY MODIFICATION OF THIS DOCUMENT REQUIRES REVIEW BY A DESIGN PROFESSIONAL.

MINIMUM BEARING SIZES ARE SUFFICIENT TO PREVENT CRUSHING OF THE LP LVL BEAM AS DESIGNED. IT IS THE RESPONSIBILITY OF THE PROJECT ENGINEER, ARCHITECT OR DESIGNER TO VERIFY THAT THE SUPPORT STRUCTURE FOR THIS BEAM IS CAPABLE OF SUPPORTING THE REACTIONS.

ANCHOR LP LVL FLOOR BEAM SECURELY TO BEARINGS OR HANGERS.

DESIGN CRITERIA : MSI: 0.05 VSI: 0.12 RSI: 0.32

LIVE LOAD	=	40 PSF
DEAD LOAD	=	15 PSF
TOTAL LOAD	=	55 PSF

FLR LEFT SPAN CARR. : 18.00 FT
FLR RIGHT SPAN CARR. : 0.00 FT

DEFLECTION CRITERIA :
LIVE LOAD DEFL: L / 360
TOTAL LOAD DEFL: L / 240

CODE COMPLIANCES :

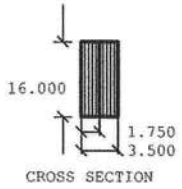
	REPORT #
ICC-ES	ESR-1254
L.A. City	RR 25167
CCMC	11518-R
WISCONSIN	200124-W
N.Y. CITY	MEA 97-94-E
HUD	MR 1214D

SUPPORT REACTIONS (LBS):

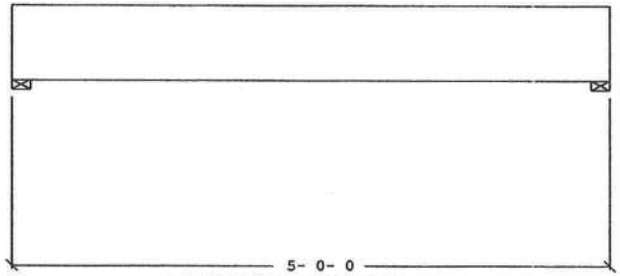
MAXIMUM B E A R I N G	N U M B E R 1	2
DOWN	1278	1278
UPLIFT	---	---

MIN BEARING SIZES (IN-SX)
1- 8 1- 8

MAXIMUM DEFLECTIONS	CALCULATED	ALLOWABLE
LIVE LOAD	0.00"	0.16"
*DEAD LOAD	0.00"	
TOTAL LOAD	0.00"	0.24"



CROSS SECTION



***** THIS DRAWING IS NOT TO SCALE *****

Handling & Erection

Temporary and permanent bracing for holding component plumb and for resisting lateral forces shall be designed and installed by others. No loads are to be applied to the component until after all the framing and fastening are completed. At no time shall loads greater than design loads be applied to the component.

Design Criteria

The design and material specified are in substantial conformity with the latest revisions of NDS and AITC. * Dead load deflection includes adjustment factor for creep. Total load deflection is instantaneous.

Miscellaneous Information

The use of this component shall be specified by the designer of the complete structure. Obtain all the necessary code compliance approval and instructions from the designers of the complete structure before using this component. If the design criteria listed above does not meet local building code requirements, do not use this design. When this drawing is signed and sealed, the structural design is approved as shown in this drawing based on data provided by the customer. LP LVL, LP LSL and CTR, LP I-joists are made without camber and will deflect under load. Wood in direct contact with concrete must be protected as required by code. Continuous lateral support is assumed (wall, floor beam, etc.). LP does not provide on-site inspection. This drawing must have an Architect's or Engineer's seal affixed to be considered an Engineering document.

LP LVL, LP LSL and CTR, LP I-Joist Specifications

* Supports and connections for LP LVL, LP LSL, CTR and LPI to be specific applications.
* Common nails driven parallel to glue lines shall be spaced a minimum of 4" for 10d and 3" for 8d.
* Do not cut, notch, drill or alter LP LVL, LP LSL and CTR, LP I-Joists except as shown in published material from LP any use of LP LVL, LSL and CTR, LP I-Joists contrary to the limits set forth hereon,negates any express warranty of the product and LP disclaims all implied warranties including the implied warranties of merchantability and fitness for a particular use.

* A COPY OF THIS DRAWING IS TO BE GIVEN TO THE INSTALLING CONTRACTOR

Software Provided By:
LP Engineered Wood Products
2706 Highway 421 North
Wilmington, NC 28401
Local 910.762.9878
National Wats 800.999.9105

06/13/11 IBC

DWG #_____

SHEET #_____

File: C:\Program Files\LP\Wood-E Design\2008.2\WOODE.SPX

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 35-7S-16-04346-014 **Building permit No.** 000029501

Use Classification SFD, UTILITY **Fire:** 64.20

Permit Holder JOHN FEENEY **Waste:** 167.50

Owner of Building ROGER COX & MARION TRUSTEES **Total:** 231.70

Location: 502 SW RATTLESNAKE GLEN, FT.WHITE, FL 32038

Date: 12/15/2011

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Donald F. Lee & Associates, Inc.

140 NW Ridgewood Avenue
Lake City, Florida 32055

PH 386-755-6166 FAX 386-755-6167
email: donald@dfla.com
website: www.dfla.com

- Highway & Route Surveys
- Topographic Surveys
- Land & Subdivision Surveys
- Control Surveying

Since 1984

29501

OK
BLK
11 Sep 2011

DATE: Wednesday, July 06, 2011

TO: Columbia County Building Department

CC: John R. Feeney Construction LLC

FROM: Tim Delbene – Donald F. Lee and Associates, Inc.

RE: Floor Elevation Check – Lot 13 Rum Island Ranch Section 2 – Owners: Roger & Marion Cox, Trustees

This is to certify that elevations were obtained on the proposed floor (at stemwall) of a dwelling under construction on Lot 13 of Rum Island Ranch Section 2 (an unrecorded subdivision). The results are as follows:

Proposed Floor Elevation (at stemwall): 39.82 feet (NAVD1988)

Elevations were obtained using Florida Department of Transportation benchmarks and are based on NAVD1988 datum. The Base Flood Elevation (BFE) per FEMA Flood Insurance Rate Maps (FIRM) is 38.4 feet (NAVD1988).

SIGNED: Timothy A Delbene

Timothy A. Delbene, P.L.S.
Florida Reg. Cert. No. 5594

DATE: 7/6/2011

DATE 06/24/2011

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT 000029501

APPLICANT JOHN FEENEY PHONE 352-682-4660

ADDRESS 2841 SE 46TH WAY TRENTON FL 32693

OWNER ROGER COX & MARION TRUSTEES PHONE 352-372-9044

ADDRESS 502 SW RATTLESNAKE GLEN FORT WHITE FL 32038

CONTRACTOR JOHN FEENEY PHONE 352-682-4660

LOCATION OF PROPERTY 47 S, L 138, R RUM ISLAND RD, R RATTLESNAKE GLN, APPROX.
.33 MILES ON LET SEE SIGN "COX" GATE CODE 9044

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 115000.00

HEATED FLOOR AREA 2300.00 TOTAL AREA 2300.00 HEIGHT 23.00 STORIES 2

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

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 X PP DEVELOPMENT PERMIT NO.

PARCEL ID 35-7S-16-04346-014 SUBDIVISION RUM ISLAND RANCHES

LOT 13 BLOCK PHASE UNIT TOTAL ACRES 10.00

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
		CBC1257883	J. Feeney

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
EXISTING	11-0223	BK	TC	Y

COMMENTS: ELEVATION SURVEY SHOWS PROPOSED LOCATION ABOVE BFE AT 39.4'
NEED ELEVATION CONFIRMATION LETTER AT SLAB

Check # or Cash 2553

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 $ 575.00 CERTIFICATION FEE $ 11.50 SURCHARGE FEE $ 11.50

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

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 673.00

INSPECTORS OFFICE 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.

Notice of Treatment 42709

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 116 NW 16 AVE
City GVILLE Phone 376-2661

Site Location: Subdivision
Lot # Block# Permit # 29501
Address 502 SW RATTLESNAKE GLENN RD (HSP-5)

Product used	Active Ingredient	% Concentration
☑ Premise	Imidacloprid	0.1%
☐ Termidor	Fipronil	0.12%
☐ Bora-Care	Disodium Octaborate Tetrahydrate	23.0%

Type treatment: ☑ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
MB-PRCHS	1886	193	183

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

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

7/11/11 (Date) 8:20 (Time) BILL E. (Print Technician's Name)

Remarks:

Applicator - White Permit File - Canary Permit Holder - Pink
10/05 ©