

DATE 02/22/2012

Columbia County Building Permit
This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000029951

APPLICANT JERRY CASTAGNA PHONE 386.755.6867
ADDRESS 521 NW OLD MILL ROAD LAKE CITY FL 32055
OWNER RON BRADTMUELLER & GAIL HURST(JTWRS) PHONE 386.397.3378
ADDRESS 234 NW CYPRESS COVE DRIVE LAKE CITY FL 32055
CONTRACTOR JERRY CASTAGNA PHONE 386.755.6867

LOCATION OF PROPERTY LAKE JEFFERY TO OLD MILL ROAD, TL TO AUBURN, TR TO CYPRESS COVE, TL AND IT'S THE THE THE PLACE ON R.

TYPE DEVELOPMENT ADDITION/SFD ESTIMATED COST OF CONSTRUCTION 17050.00

HEATED FLOOR AREA TOTAL AREA 341.00 HEIGHT 18.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC

LAND USE & ZONING RSF-2 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 23-3S-16-02272-022 SUBDIVISION LAKE JEFFERY

LOT 21 BLOCK PHASE 1 UNIT TOTAL ACRES 0.68

CBC047842
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING 12-0044M BLK TC N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: UNDER 50% OF STRUCTURE VALUE.

Check # or Cash 8451

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power Foundation Monolithic
Under slab rough-in plumbing Slab Sheathing/Nailing
Framing Insulation
Rough-in plumbing above slab and below wood floor Electrical rough-in
Heat & Air Duct Peri. beam (Lintel) Pool
Permanent power C.O. Final Culvert
Pump pole Utility Pole M/H tie downs, blocking, electricity and plumbing
Reconnection RV Re-roof

BUILDING PERMIT FEE \$ 90.00 CERTIFICATION FEE \$ 1.71 SURCHARGE FEE \$ 1.71

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 168.42

INSPECTORS OFFICE CLERKS OFFICE

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

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

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

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

as per B1
Records
29951

and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Legal description of property and street address if available: Lot 21 Lake Jeffery Phase I

General description of improvement: Parcel 23-35-16-02272-022

2. Owner Information: Name and address: Ronald Bradtmueller
234 NW Cypress Cove Dr Lake City 32055

b. Interest in property: 100%

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

3. Contractor: Name and address: CASTAÑA CONSTRUCTION, INC
521 NW Old Mill Dr Lake City, FL 32055

Phone number 386-755-6967 Fax number (optional, if service by fax is acceptable) _____

4. Surety: Name and address N/A

Phone number N/A Fax number (optional, if service by fax is acceptable) _____

Amount of Bond \$ N/A

Lender: Name and address N/A

Phone number N/A Fax number (optional, if service by fax is acceptable) N/A

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

Phone numbers of designated persons _____

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

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

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

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

+ Ronald L. Bradtmueller
Signature of Owner



STATE OF FLORIDA
COUNTY OF Columbia

Sworn to (or affirmed) and subscribed before me this 3rd day of February 2002
by Ronald Bradtmueller, who is personally known to me
or who has produced _____ as identification
and who did _____ or did not take an oath.

Melinda Pettyjohn
Notary Public (Signature)

8451

2LW updates on McKinney
LIABILITY ELECTRICAL

Columbia County Building Permit Application

(LIAB) F.W.C.
SOUKINER
PLUMBING

For Office Use Only Application # 1202-11 Date Received 2/3 By JW Permit # 29951
 Zoning Official BJK Date 21 FEB 2012 Flood Zone X Land Use Res/low Den Zoning RSF-2
 FEMA Map # N/A Elevation N/A MFE N/A River N/A Plans Examiner J.C. Date 2-20-12
 Comments Under 50% of Structures value

NOC EH Deed or PA Site Plan State Road Info Well letter 911 Sheet Parent Parcel #
 Dev Permit # In Floodway Letter of Auth. from Contractor F-W Comp. letter
 IMPACT FEES: EMS _____ Fire _____ Corr _____ Sub VF Form
 Road/Code _____ School _____ = TOTAL (Suspended) App Fee Paid

Septic Permit No. 12-0044 m Fax -867-0061

Name Authorized Person Signing Permit JERRY CASTAGNA Phone 386-755-6820

Address 521 NW Old Mill Rd L.C. 32055

Owners Name BRADTMUELLER, RONALD/GAIL F HURST Phone 386, 397 3378

911 Address 234 NW Cypress Cove Dr / Lake City FLA 32055

Contractors Name CASTAGNA CONSULTING / JERRY CASTAGNA Phone 386-755-6867

Address 521 NW Old Mill Rd Lake City FLA 32055

Fee Simple Owner Name & Address BRADTMUELLER, RONALD L & GAIL G HURST

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address WILLIAM MYERS PO BOX 1513-L.C. / WICK HOLAS P. GEN

Mortgage Lenders Name & Address N/A 1758 NW BROWN RD L.C.

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

Property ID Number 23-35-16-02272-022 Estimated Cost of Construction 40,000.

Subdivision Name LAKE JEFFERY Lot 21 Block _____ Unit _____ Phase 1

Driving Directions LAKE JEFFERY NORTH TO OLD MILL RD TURN LEFT TO FIRST RIGHT PASS Guard Building TO FIRST LEFT FOLLOW BY PRESS COVE DR TO 234 NW CYPRESS COVE DRIVE.
Number of Existing Dwellings on Property _____

Construction of Addition to Rear of Existing House Total Acreage 0.689 Lot Size APP 150x150

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 18'

Actual Distance of Structure from Property Lines - Front 35' Side 60' Side 96' Rear 25'

Number of Stories 2 Heated Floor Area 1341 Total Floor Area 2341 Roof Pitch 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



Melinda Pettyjohn
- JW - spoke w/ MELINDA - 2.21.12

Columbia County Building Permit Application

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

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

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

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

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

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

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. 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.)

+ Ronald L. Bradtmueller
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.

James Castor
Contractor's Signature (Permitee)

Contractor's License Number CBC047842
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 17th day of JANUARY 2012
Personally known or Produced Identification _____

Melinda Pettyjohn
State of Florida Notary Signature (For the Contractor)

SEAL:



After Recording return to:

Castagna Construction, Inc
521 NW Old Mill Dr
Lake City FL 32055

Permit No. _____

Inst. 201212003745 Date: 3/13/2012 Time: 8:31 AM
DC.P.DeWitt Cason, Columbia County Page 1 of 1 B:1231 P:455

NOTICE OF COMMENCEMENT
FS 713.13

State of Florida

County of Columbia

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

1. Legal description of property and street address if available: Lot 21 Lake Jeffery Phase 1

General description of improvement: parcel 23-35-16-0222-022

2. Owner Information: Name and address:

Ronald Bradtmueller
234 NW Cypress Cove Dr Lake City, FL 32055

b. Interest in property: 100%

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

3. Contractor: Name and address: CASTAGNA CONSTRUCTION, INC
521 NW Old Mill Dr Lake City, FL 32055

Phone number 386-755-6867 Fax number (optional, if service by fax is acceptable) _____

4. Surety: Name and address N/A

Phone number N/A Fax number (optional, if service by fax is acceptable) _____

Amount of Bond \$ N/A

Lender: Name and address N/A

Phone number N/A Fax number (optional, if service by fax is acceptable) N/A

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

Phone numbers of designated persons _____

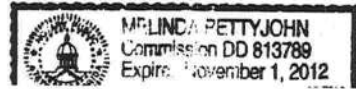
Fax number (optional, if service by fax is acceptable) _____

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

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

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

+ Ronald L. Bradtmueller



STATE OF FLORIDA DEPARTMENT OF HEALTH

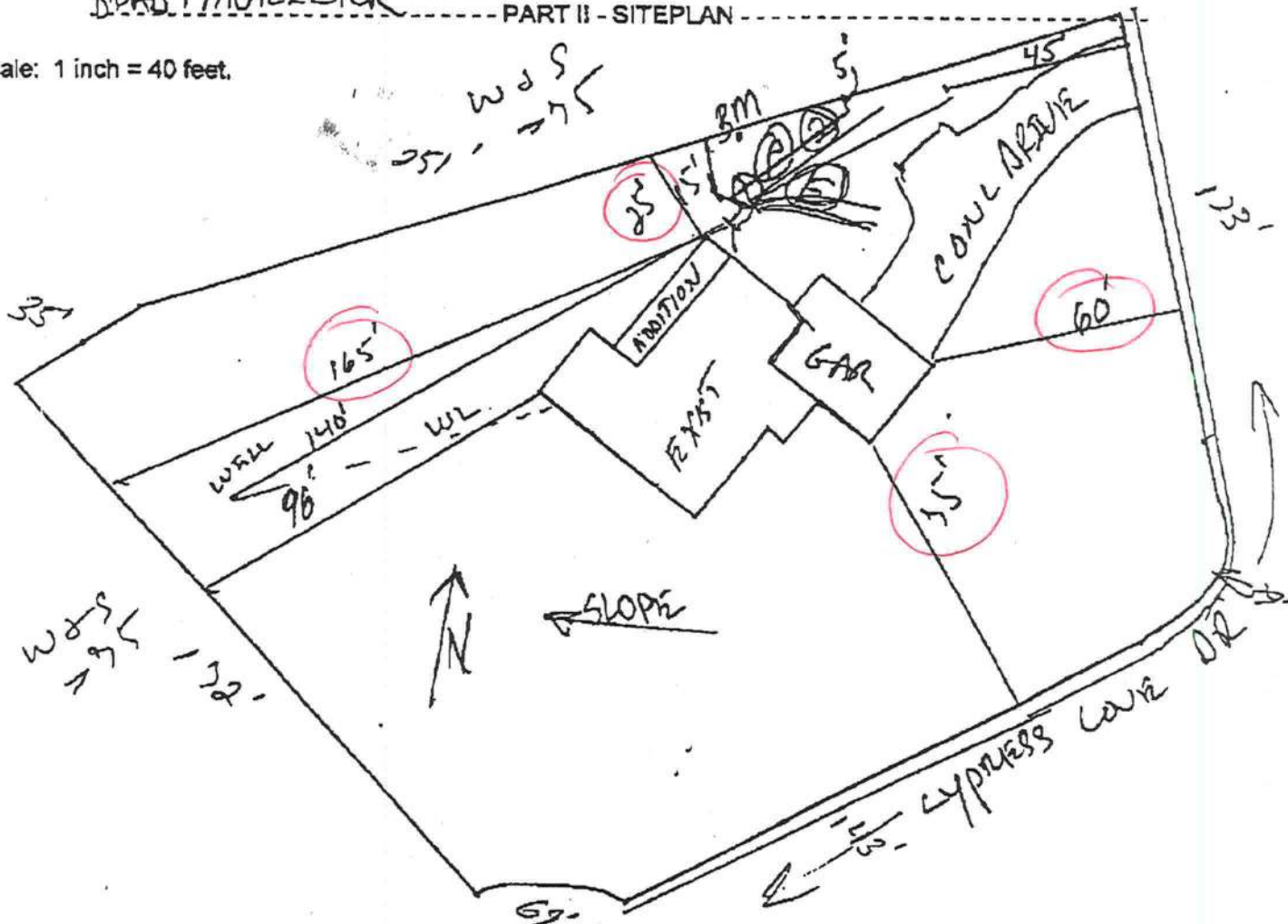
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 12-0044M

BRADT MUELLER

PART II - SITEPLAN

Scale: 1 inch = 40 feet.



Notes:

Site Plan submitted by: Roddy D Ford
 Plan Approved Not Approved
 By: Sallie Ford Env Health Director **Columbia CHD**
 MASTER CONTRACTOR
 Date 2-1-12
 County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



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

PERMIT #: 12-SC-1389503
 APPLICATION #: AP1059639
 DATE PAID: 1-26-12
 FEE PAID: 205.00
 RECEIPT #: 18001044
 DOCUMENT #: PR865476

CONSTRUCTION PERMIT FOR: OSTDS Existing Modification
 APPLICANT: RONALD**12-0044 BRADTMUELLER
 PROPERTY ADDRESS: 234 NW CYPRESS COVE Dr Lake City, FL 32055
 LOT: 21 BLOCK: _____ SUBDIVISION: Lake Jeffery Ph-1
 PROPERTY ID #: 02272-022 (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 [1,050] GALLONS / GPD existing Septic 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 [500] SQUARE FEET drainfield SYSTEM
 R [] SQUARE FEET N/A SYSTEM
 A TYPE SYSTEM: [x] STANDARD [] FILLED [] MOUND []
 I CONFIGURATION: [x] TRENCH [] BED []

N LOCATION OF BENCHMARK: nail in oak tree N of system site
 I ELEVATION OF PROPOSED SYSTEM SITE [12.00] [INCHES / FT] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT
 E BOTTOM OF DRAINFIELD TO BE [38.00] [INCHES / FT] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT
 L
 D FILL REQUIRED: [0.00] INCHES EXCAVATION REQUIRED: [0.00] INCHES

- 1. Add 200 sq ft to existing 300 sq ft to make 500 sq ft total.
- 2. Install new df at same elevation as existing df.
- 3. Add an approved outlet filter.

SPECIFICATIONS BY: Rocky D Ford TITLE: M Contractor
 APPROVED BY: Sally A Ford TITLE: Environmental Health Director Columbia CHD
 DATE ISSUED: 02/01/2012 EXPIRATION DATE: 08/01/2013
 DR 4016, 08/09 (Obsoletes all previous editions which may not be used)
 Incorporated: 64E-6.003, FAC



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



PERMIT NO. 12-0544M
DATE PAID: 1/26/12
FEE PAID: 28500
RECEIPT #: 1808244

APPLICATION FOR:

- New System
- Existing System
- Holding Tank
- Innovative
- Repair
- Abandonment
- Temporary
- MODIFICATION

APPLICANT: Ronald Bradtmueller

AGENT: ROCKY FORD, A & B CONSTRUCTION

TELEPHONE: 386-497-2311

MAILING ADDRESS: P.O. BOX 39 FT. WHITE, FL, 32038

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

PROPERTY INFORMATION

LOT: 21 BLOCK: na SUB: Lake Jeffery Ph 1 PLATTED: _____

PROPERTY ID #: 23-39-16-02272-022 ZONING: Res. I/M OR EQUIVALENT: [Y] N

PROPERTY SIZE: .689 ACRES WATER SUPPLY: PRIVATE PUBLIC [] <=2000GPD [] >2000GPD

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

PROPERTY ADDRESS: 234 NW Cypress Cove, Lake City, FL, 32056

DIRECTIONS TO PROPERTY: 90 West, TR on Lake Jeffery Road, TL NW Old Mill Drive, TR NW Auburn Place, TL NW Cypress Cove, To address on right (4th house)

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	SF Residential	3	2682	2442 ORIGINAL ORIGINAL ATTACHED
2				240 SQ ADDITION
3				2682 TOTAL

Floor/Equipment Drains Other (Specify) _____

SIGNATURE: Rocky D Ford DATE: 1/24/2012

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1202-11 CONTRACTOR JERRY CASTAGNA PHONE 755-6867

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.

<input checked="" type="checkbox"/> ELECTRICAL 125A	Print Name: <u>William P. McKinney</u> License #: <u>EC0002331</u>	Signature: <u>William P. McKinney</u> Phone #: <u>352-478-9917</u>
<input type="checkbox"/> MECHANICAL/ A/C	Print Name: _____ License #: _____	Signature: _____ Phone #: _____
<input checked="" type="checkbox"/> PLUMBING/ GAS 868	Print Name: <u>FRANK SOUCINEK</u> License #: <u>CFC057747</u>	Signature: _____ Phone #: <u>386-752-5218</u>
<input checked="" type="checkbox"/> ROOFING 431	Print Name: <u>CASTAGNA COS INC</u> License #: <u>CBC047842</u>	Signature: <u>Jerry Castagna</u> Phone #: <u>386-755-6867</u>
<input type="checkbox"/> SHEET METAL	Print Name: _____ License #: _____	Signature: _____ Phone #: _____
<input type="checkbox"/> FIRE SYSTEM/ SPRINKLER	Print Name: _____ License #: _____	Signature: _____ Phone #: _____
<input type="checkbox"/> SOLAR	Print Name: _____ License #: _____	Signature: _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
<input checked="" type="checkbox"/> MASON 431	<u>CBC047842</u>	<u>CASTAGNA COS INC</u>	<u>Jerry Castagna</u>
<input type="checkbox"/> CONCRETE FINISHER	↓	↓	↓
<input type="checkbox"/> FRAMING	↓	↓	↓
<input type="checkbox"/> INSULATION	↓	↓	↓
<input type="checkbox"/> STUCCO	↓	↓	↓
<input type="checkbox"/> DRYWALL	↓	↓	↓
<input type="checkbox"/> PLASTER	↓	↓	↓
<input type="checkbox"/> CABINET INSTALLER	↓	↓	↓
<input type="checkbox"/> PAINTING	↓	↓	↓
<input type="checkbox"/> ACOUSTICAL CEILING	↓	↓	↓
<input checked="" type="checkbox"/> GLASS 431	<u>CBC047842</u>	<u>CASTAGNA COS INC</u>	<u>Jerry Castagna</u>
<input type="checkbox"/> CERAMIC TILE	↓	↓	↓
<input type="checkbox"/> FLOOR COVERING	↓	↓	↓
<input type="checkbox"/> ALUM/VINYL SIDING	↓	↓	↓
<input type="checkbox"/> GARAGE DOOR	↓	↓	↓
<input type="checkbox"/> 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 Warranty Deed Made the 30th day of December A. D. 19 97 by

Deanna Kay Law f/k/a Deanna Kay Nelson, joined by her husband Larry Law
hereinafter called the grantor, to

Ronald L. Pradtmueller, Unmarried and Gail G. Hurst, Unmarried, as Joint Tenants
With Full Rights of Survivorship
whose postoffice address is P.O. Box 2331 Lake City, FL 32055
hereinafter called the grantee:

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument and their 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 \$ 10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

See Exhibit "A" attached hereto and by this reference made a part hereof.

FILED AND RECORDED

1997 DEC 31 PM 4:41

97-19033

CLERK OF COUNTY RECORDS
BY [Signature]

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 the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor 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, except taxes accruing subsequent to December 31, 19 97

EK 0851 PG 0664

In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

[Signature]
CRYSTAL A. BRUNNER
DAWNA HERRINGSHAW
STATE OF Florida

[Signature]
Deanna Kay Law
DEANNA KAY LAW
[Signature]
LARRY LAW

COUNTY OF Columbia

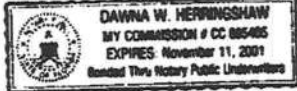
I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgements, personally appeared Deanna Kay Law f/k/a Deanna Kay Nelson, joined by her husband Larry Law

to me known to be the person they described in and who executed the foregoing instrument and they acknowledged before me that they executed the same.

WITNESS my hand and official seal in the County and State last aforesaid this 30th day of December, A.D. 19 97

Michael H. Harrell
Abstract & Title Services, Inc.
420 West Baya Avenue
Lake City, FL 32025

Pursuant to issuance of Title Insurance



[Signature]
NOTARY PUBLIC

Personally Known to me
Produced Identification
FLORIDA DRIVER'S LICENSE

Exhibit "A"

BK 0851 PG 0665

Lot 21, LAKE JEFFERY, PHASE 1, a subdivision according to the plat thereof recorded in Plat Book 5, Pages 39-39A, of the public records of Columbia County, Florida;

LESS AND EXCEPT that portion of Lot 21 described as follows: Begin at the Southwesterly corner of Lot 21, LAKE JEFFERY, a subdivision according to the plat thereof recorded in Plat Book 5, Pages 39-39A of the public records of Columbia County, Florida and run thence N 30 deg. 16'59" W along the property line common to Lots 21 and 22, 172.35 feet to the Northeasterly corner of said Lot 22; thence S 40 deg. 35'13" E, 171.95 feet to a point on the curve of the cul-de-sac of Cypress Cove Drive; thence Southwesterly along said curve concave to the left having a radius of 50 feet along a chord bearing S 53 deg 49'36" W, 30.92 feet to the point of beginning.

DKL
L&L

Columbia County Property Appraiser

DB Last Updated: 1/17/2012

2011 Tax Year

- [Tax Collector](#)
- [Tax Estimator](#)
- [Property Card](#)
- [Parcel List Generator](#)
- [Interactive GIS Map](#)
- [Print](#)

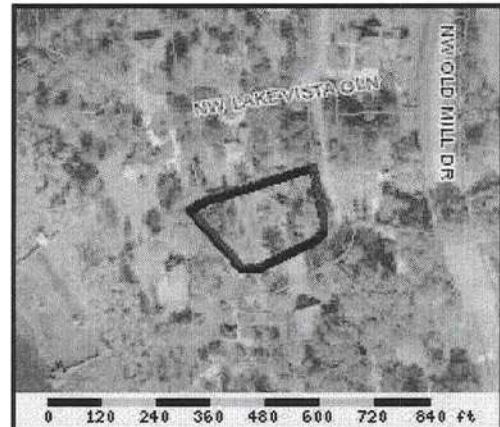
Parcel: 23-3S-16-02272-022

[<< Next Lower Parcel](#) [Next Higher Parcel >>](#)

Search Result: 1 of 2 [Next >>](#)

Owner & Property Info

Owner's Name	BRADTMUELLER RONALD L &		
Mailing Address	GAIL G HURST JTWRS P O BOX 2331 LAKE CITY, FL 32056		
Site Address	234 NW CYPRESS COVE DR		
Use Desc. (code)	SINGLE FAM (000100)		
Tax District	2 (County)	Neighborhood	23316
Land Area	0.689 ACRES	Market Area	06
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction.		
<small>LOT 21 LAKE JEFFERY PHASE 1 EX PARCEL DESC ORB 573-487, ORB 573-650, 635-409, 635-451, 845-2289, 851-664.</small>			



Property & Assessment Values

2011 Certified Values		
Mkt Land Value	cnt: (0)	\$29,160.00
Ag Land Value	cnt: (1)	\$0.00
Building Value	cnt: (1)	\$130,127.00
XFOB Value	cnt: (3)	\$4,988.00
Total Appraised Value		\$164,275.00
Just Value		\$164,275.00
Class Value		\$0.00
Assessed Value		\$131,466.00
Exempt Value	(code: HX)	\$50,000.00
Total Taxable Value	Cnty: \$81,466 Other: \$81,466 Schl:	\$106,466

2012 Working Values
NOTE:
2012 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.
Show Working Values

Sales History

[Show Similar Sales within 1/2 mile](#)

Sale Date	OR Book/Page	OR Code	Vacant / Improved	Qualified Sale	Sale RCode	Sale Price
12/30/1997	851/664	WD	I	Q		\$118,000.00
5/7/1997	845/2289	QC	I	U	01	\$0.00
10/9/1987	635/409	WD	I	Q		\$134,200.00
7/1/1985	568/540	WD	V	Q		\$14,400.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	1986	BD/BATTEN (06)	2442	3531	\$127,988.00

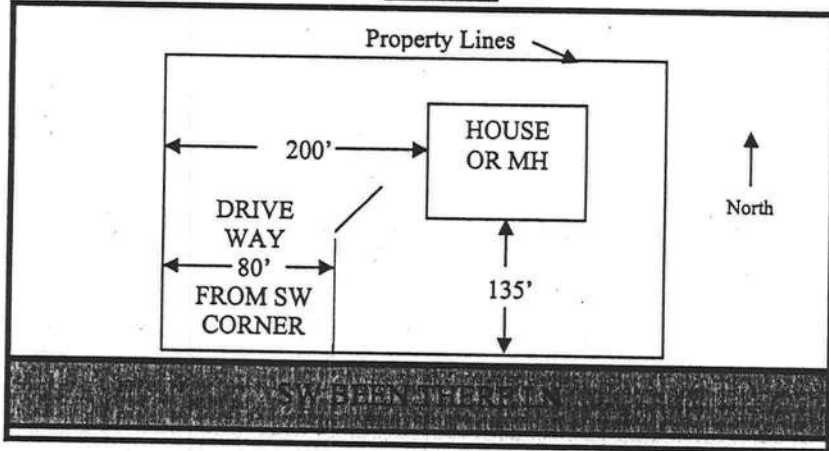
Note: All S.F. calculations are based on exterior building dimensions.

Extra Features & Out Buildings

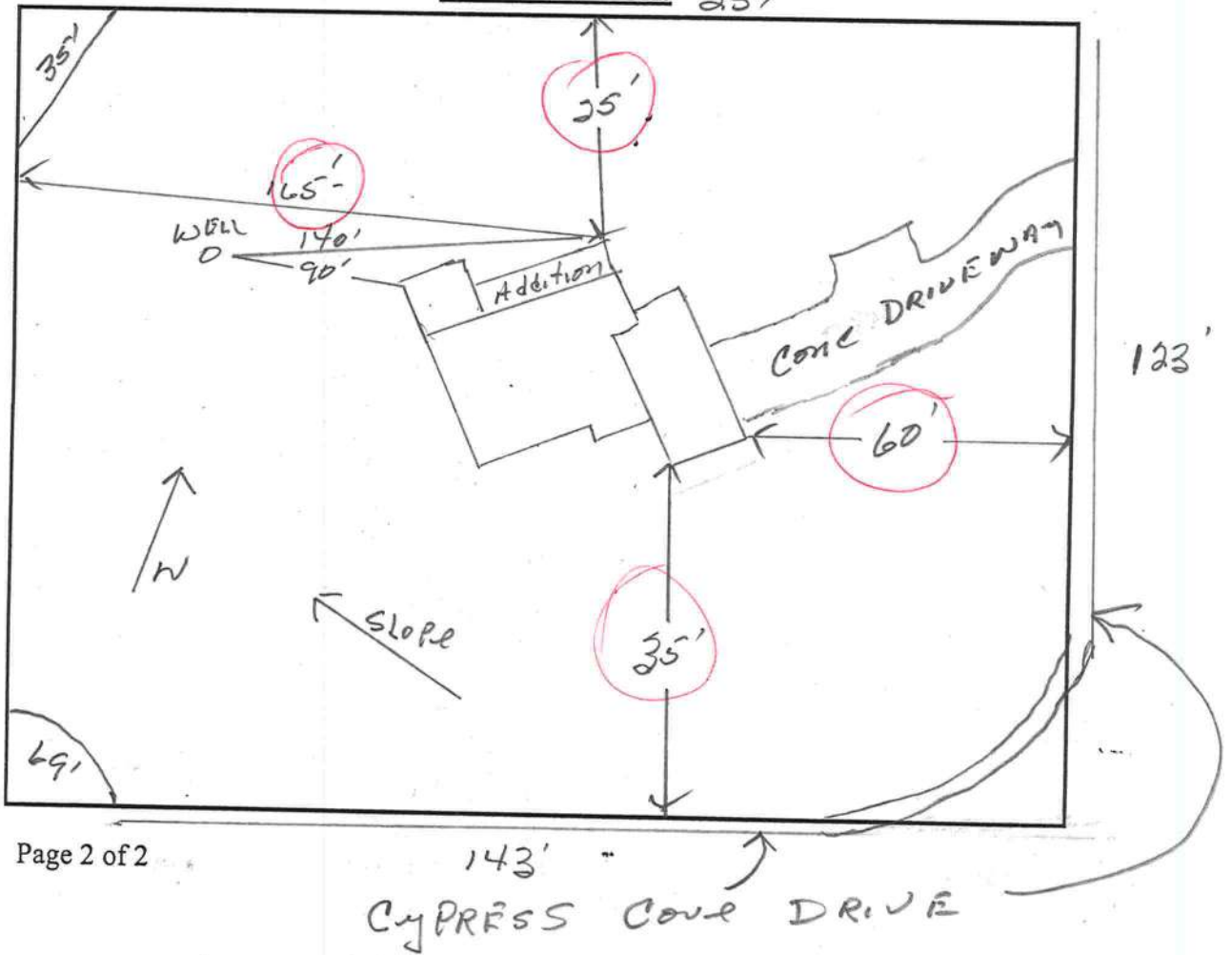
Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0166	CONC,PAVMT	0	\$2,500.00	0000001.000	0 x 0 x 0	(000.00)
0180	FPLC 1STRY	0	\$2,000.00	0000001.000	0 x 0 x 0	(000.00)

1. A PLAT, PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
2. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM AT LEAST TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
3. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
4. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

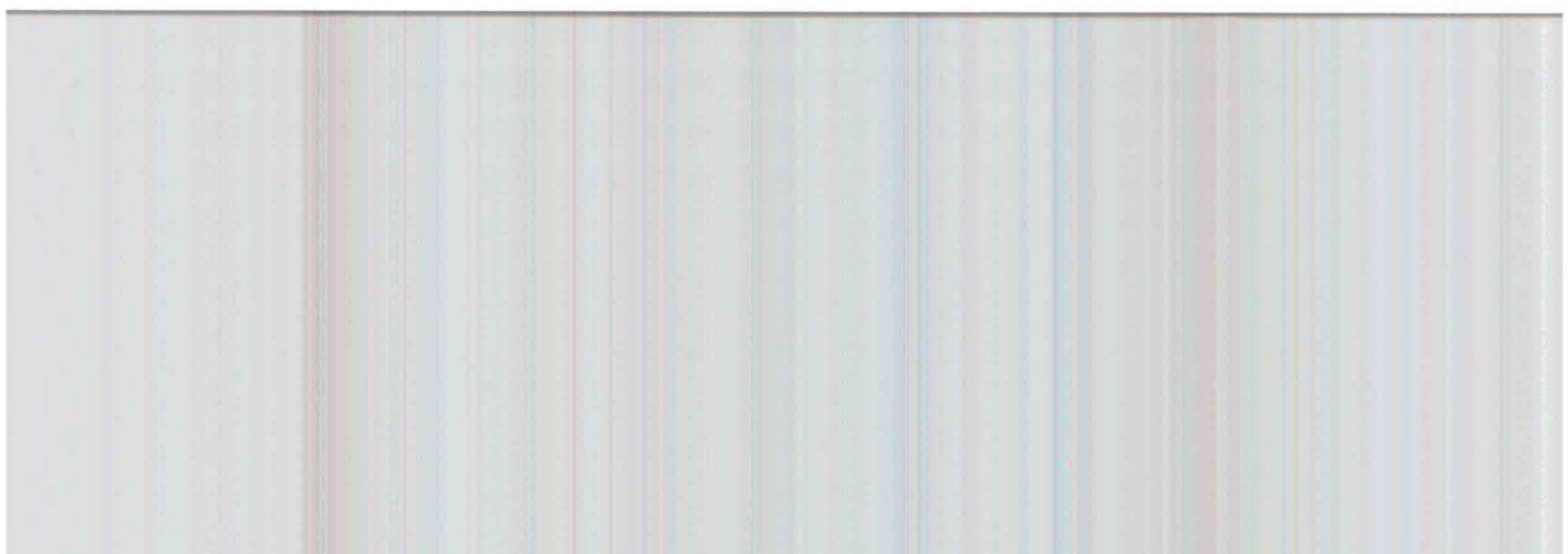
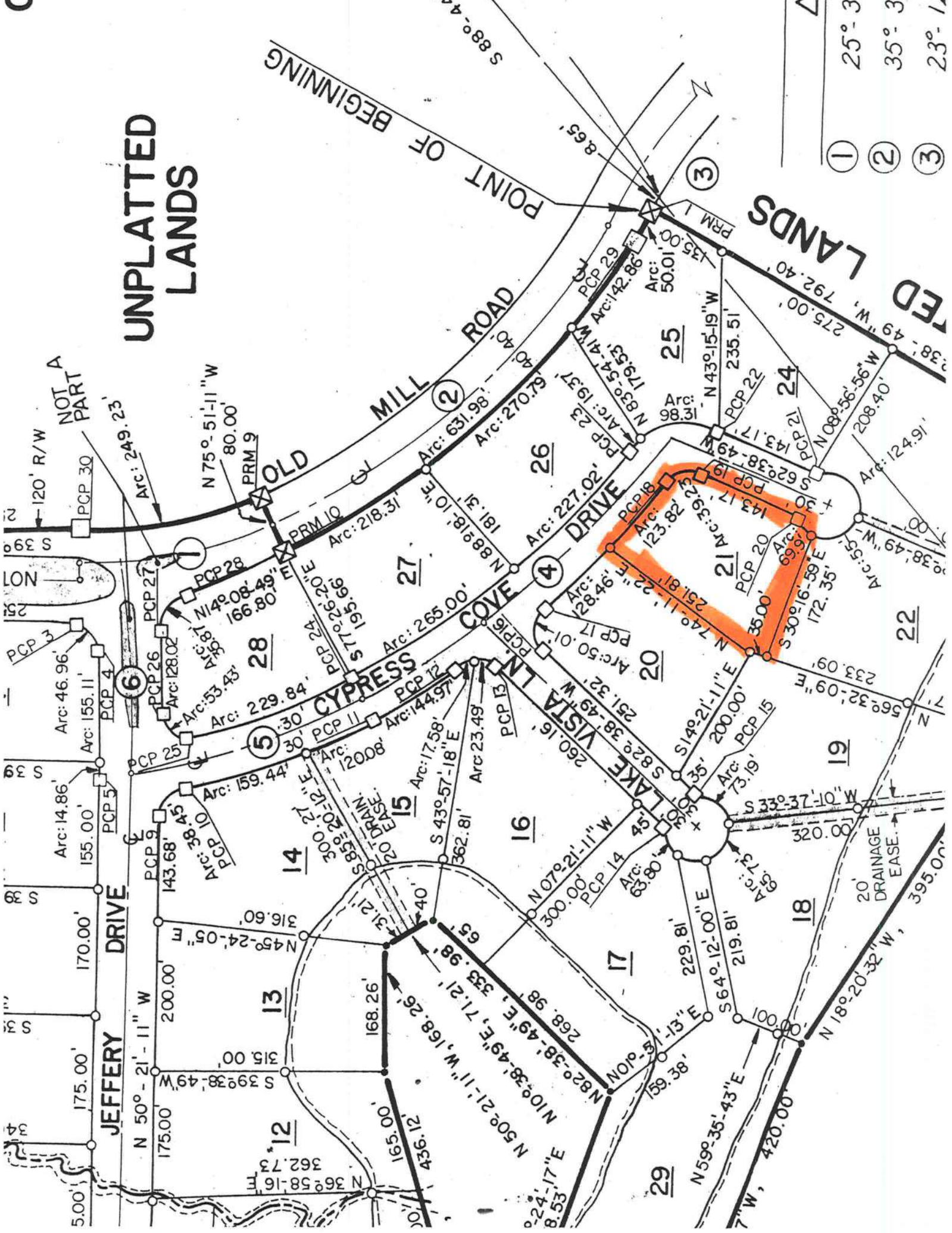
SAMPLE:



SITE PLAN BOX: 251



UNPLATTED LANDS





**NICHOLAS
PAUL
GEISLER**
ARCHITECT
N.C.A.R.B. Certified

1756 NW Brown Road
Lake City, FL 32055
386/365-4355

17 FEBRUARY 2012

TROY CREWS
COLUMBIA COUNTY, BUILDING DEPT.
COLUMBIA COUNTY COURTHOUSE ANNEX
LAKE CITY, FLORIDA 32055

RE: CASTAGNA CONSTRUCTION
PLAN REVIEW No. _____

DEAR SIR:

PLEASE BE ADVISED OF THE FOLLOWING CLARIFICATIONS FOR THE
PROJECT CURRENTLY IN REVIEW FOR CASTAGNA CONSTRUCTION:

1. THE REQUIRED FOOTING SIZE SHALL BE 20" WIDE X 10" DEEP WITH 2 #5 REBARS, BOTTOM X CONTINUOUS
2. TRUSS ANCHOR STRAPS SHALL BE "SIMPSON" H2.5a OR EQUAL IN LIEU OF THAT INDICATED IN THE CONSTRUCTION DOCUMENTS.

SHOULD YOU HAVE ANY FURTHER QUESTIONS WITH THIS, PLEASE CALL FOR ASSISTANCE.

YOURS TRULY,
NICHOLAS PAUL GEISLER, ARCHITECT AR0007005



Row BRADTMUELLER

Location:

Project Name:

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project 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
A. EXTERIOR DOORS			FL 4242-A
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung			FL 5108
2. Horizontal Slider			FL 5451
3. Casement			
4. Double Hung			
5. Fixed			FL 5418
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
C. PANEL WALL			
1. Siding			FL 889-R
2. Soffits			FL 4899
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			FL 3820-R1
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles		FL 5444	FL 586-R2
2. Underlayments			FL 1814-R1
3. Roofing Fasteners			
4. Non-structural Metal Rf			FL 7518.1
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			



Effective March 1, 2009

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION
FORM 1100B-08 Residential Component Prescriptive Method B ALL CLIMATE ZONES

Compliance with Method B of Chapter 11 of the *Florida Building Code, Residential*, or Subchapter 13-6 of the *Florida Building Code, Building*, may be demonstrated by the use of Form 1100B for single- and multiple-family residences of three stories or less in height, additions to existing residential buildings, renovations to existing residential buildings, new heating, cooling, and water heating systems in existing buildings, and site-added components of manufactured homes and manufactured buildings. To comply, a building must meet or exceed all of the energy efficiency requirements on Table 11B-1 and all applicable mandatory requirements summarized in Table 11B-2 of this form. If a building does not comply with this method, it may still comply under Method A of Chapter 11 or Subchapter 13-6 of the applicable code.

PROJECT NAME: AND ADDRESS:	<u>Ren BRATMOLLER</u> <u>234 NW Cypress</u> <u>COND PR L & FL</u>	BUILDER:	<u>CASTAGNA CAST INC</u>
OWNER:	<u>SAME AS ABOVE</u>	PERMITTING OFFICE:	<u>COLUMBIA</u>
PERMIT NO.:	<u>22951</u>	JURISDICTION NO.:	<u>221000</u>

1. New construction including additions which incorporate any of the following features cannot comply using this method: skylights or other nonvertical roof glass, glass areas in excess of 16 percent of conditioned floor area, and electric resistance heat (See Notes to Table 11B-1 on page 2).
2. Fill in all the applicable spaces of the "To Be Installed" column on Table 11B-1 with the information requested. All "To Be Installed" values must be equal to or more efficient than the required levels.
3. Complete page 1 based on the "To Be Installed" column information.
4. Read "Minimum Requirements for All Packages", Table 11B-2 and check each box to indicate your intent to comply with all applicable items.
5. Read, sign and date the "Prepared By" certification statement at the bottom of page 1. The owner or owner's agent must also sign and date the form.

Please Print

CK

1. New construction, addition, or existing building
2. Single-family detached or multiple-family attached
3. If multiple-family—No. of units covered by this submission
4. Is this a worst case? (yes/no)
5. Conditioned floor area (sq. ft.)
6. Glass type and area:
 - a. U-factor
 - b. SHGC
 - c. Glass area
7. Percentage of glass to floor area
8. Floor type, area or perimeter, and insulation:
 - a. Slab-on-grade (R-value)
 - b. Wood, raised (R-value)
 - c. Wood, common (R-value)
 - d. Concrete, raised (R-value)
 - e. Concrete, common (R-value)
9. Wall type, area and insulation:
 - a. Exterior:
 1. Masonry (Insulation R-value)
 2. Wood frame (Insulation R-value)
 - b. Adjacent:
 1. Masonry (Insulation R-value)
 2. Wood frame (Insulation R-value)
10. Ceiling type, area and insulation:
 - a. Under attic (Insulation R-value)
 - b. Single assembly (Insulation R-value)
11. Air distribution system: Duct insulation, location
Test report required if duct in unconditioned space
12. Cooling system:
(Types: central, room unit, package terminal A.C., gas, none)
13. Heating system:
(Types: heat pump, elec. strip, nat. gas, LP-Gas, gas h.p., room or PTAC, none)
14. Programmable thermostat installed on HVAC systems:
15. Hot water system:
(Types: elec., nat. gas, LP-gas, solar, heat rec., ded. heat pump, other, none)



1. <u>Addition</u>	_____
2. <u>SINGLE</u>	_____
3. <u>N/A</u>	_____
4. <u>NO</u>	_____
5. <u>341#</u>	_____
6a. _____	_____
6b. _____	_____
6c. <u>26</u> sq. ft.	_____
7. <u>.07</u> %	_____
8a. R = <u>0</u> <u>49</u> lin. ft.	_____
8b. R = _____ sq. ft.	_____
8c. R = _____ sq. ft.	_____
8d. R = _____ sq. ft.	_____
8e. R = <u>0</u> <u>341</u> sq. ft.	_____
9a-1. R = _____ sq. ft.	_____
9a-2. R = <u>13</u> <u>392</u> sq. ft.	_____
9b-1. R = _____ sq. ft.	_____
9b-2. R = _____ sq. ft.	_____
10a. R = <u>30</u> sq. ft. <u>341</u>	_____
10b. R = _____ sq. ft.	_____
11a. R = _____	_____
11b. Test report attached? Yes <input checked="" type="checkbox"/> No	_____
12a. Type: <u>Existing</u>	_____
12b. SEER/EER: <u>14</u>	_____
12c. Capacity: <u>4 ton</u>	_____
13a. Type: <u>HEAT PUMP</u>	_____
13b. HSPF/COPIAFUE: <u>7.7</u>	_____
13c. Capacity: <u>4 ton</u>	_____
14. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	_____
15a. Type: <u>PROPANE</u>	_____
15b. EF: <u>.59</u>	_____

I hereby certify that the plans and specifications covered by the calculation are in compliance with the Florida Energy Code.	Review of 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 in accordance with Section 553.908, F.S.
PREPARED BY: <u>JERRY Castagna</u> DATE: <u>1-20-12</u>	BUILDING OFFICIAL: _____
I hereby certify that this building is in compliance with the Florida Energy Code.	DATE: _____
OWNER AGENT: <u>Jerry Castagna</u> DATE: <u>1-20-12</u>	DATE: _____

APPENDIX 13-D

TABLE 11B-1

MINIMUM REQUIREMENTS (See Note 1)

All Climate Zones

BUILDING COMPONENT	PERFORMANCE CRITERIA	INSTALLED VALUES:
Windows (see Note 2):	U-Factor = 0.65 SHGC = 0.35 % of CFA <= 16%	U-Factor = SHGC = % of CFA =
Exterior door type	Wood or insulated	Type:
Walls - Ext. and Adj. (see Note 3):		
Frame	R-13	R-Value =
Mass (see Note 3)		
Interior of wall:	R-6	R-Value =
Exterior of wall:	R-4	R-Value =
Electric resistance heat (See Note 10)	Not allowed	
Ceilings (see Note 3 & 4)	R-30	R-Value =
Floors:		
Slab-on-grade	No requirement	R-Value =
Over unconditioned spaces (see Note 3)	R-13	
Hot water systems (storage type)		
Electric (see Note 5):	40 gal: EF = 0.92 50 gal: EF = 0.90	Gallons = EF =
Gas fired (see Note 6):	40 gal: EF = 0.59 50 gal: EF = 0.58	Gallons = EF =
Air conditioning systems (see Note 7)	SEER = 13.0	SEER =
Heat pump systems (see Note 8)	SEER = 13.0 HSPF = 7.7	SEER = HSPF =
Gas furnaces	AFUE = 78%	AFUE =
Oil furnaces	AFUE = 78%	AFUE =
Programmable thermostat (see Note 10)	Must be installed on all HVAC systems.	Installed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Ductwork (see Note 9)		
Unconditioned space*	R-6, TESTED	Location: Unconditioned space R-Value = Test report:
Conditioned space	NA	Conditioned space R-Value =
Unvented attic assembly per R806.4 with insulation at the roof plane	R-4.2	(No test report required)
Air Handler location:		
Unconditioned attic* or garage	Requires test report	Location: Test report:
Conditioned space or Unvented attic assembly per R806.4 with insulation at the roof plane	No duct test required	

- Each component present in the As-Built home must meet or exceed each of the applicable performance criteria in order to comply with this code using this method; otherwise Method A compliance must be used.
- Windows and doors qualifying as glazed fenestration areas must comply with both the maximum U-Factor and the maximum SHGC (Solar Heat Gain Coefficient) criteria and have a maximum total window area equal to or less than 16% of the conditioned floor area (CFA), otherwise Method A must be used for compliance. **Exceptions:** 1. Additions of 600 square feet (56 m²) or less may have maximum glass to CFA of 50 percent. 2. Renovations with new windows under ≥ 2 foot overhang whose lower edge does not extend further than 8 feet from the overhang may have tinted glazing or double-pane clear glazing. Replacement skylights installed in renovations shall be double-paned or single-paned with a diffuser.
- R-Values are for insulation material only as applied in accordance with manufacturers' installation instructions. For mass walls, the "interior of wall" requirement (R-6) must be met except if at least 50% of the R-4 insulation value required for the "exterior of wall" is installed exterior of, or integral to, the wall.
- Attic knee walls shall be insulated to same level as ceilings and shall have a positive means of maintaining insulation in place. Such means may include rigid insulation board or air barrier sheet materials adequately fastened to the attic sides or knee wall framing materials.
- For other electric storage volumes, minimum EF = 0.97 - (0.00132 * volume).
- For other natural gas storage volumes, minimum EF = 0.67 - (0.0019 * volume).
- For all conventional units with capacities greater than 30,000 Btu/h: For Small-Duct, High-Velocity units, Space Constrained units, and units with capacities less than 30,000 Btu/hr see Table 13-807.AB.3.2 of the Florida Building Code, Building, or Table N1107.AB.3.2 of the Florida Building Code, Residential.
- For all conventional units with capacities greater than 30,000 Btu/h: For Small-Duct, High-Velocity units, Space Constrained units, and units with capacities less than 30,000 Btu/hr see Table 13-807.AB.3.2B of the Florida Building Code, Building, or Table N1107.AB.3.2B of the Florida Building Code, Residential.
- All ducts and air handlers shall be either located in conditioned space or tested by a Class 1 BERS rater to be "substantially" leak free. "Substantially leak free" shall mean distribution system air leakage to outdoors no greater than 3 cfm per 100 square feet of conditioned floor area at a pressure differential of 25 Pascal (0.10 in. wc.) across the entire air distribution system, including the manufacturer's air handler enclosure. **Exception:** New or replacement ducts installed onto an existing air distribution system as part of an addition or renovation. Such ducts shall either be insulated to R-6 or be installed in conditioned space.
- The prohibition on electric resistance heat and the requirement for programmable thermostats do not apply to additions, renovations, and new heating systems installed in existing buildings.

TABLE 11B-2 MINIMUM REQUIREMENTS FOR ALL PACKAGES

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Exterior Joints & Cracks	N1106.AB.1.2	To be caulked, gasketed, weather-stripped or otherwise sealed.	<input checked="" type="checkbox"/>
Exterior Windows & Doors	N1106.AB.1.1	Max .3 cfm/eq.ft. window area; .5 cfm/eq.ft. door area.	<input checked="" type="checkbox"/>
Sole & Top Plates	N1108.AB.1.2.1	Sole plates and penetrations through top plates of exterior walls must be sealed.	<input checked="" type="checkbox"/>
Recessed Lighting	N1106.AB.1.2.4	Type IC rated with no penetrations (two alternatives allowed).	N/A
Multistory Houses	N1106.AB.1.2.5	Air barrier on perimeter of floor cavity between floors.	N/A
Exhaust Fans	N1108.AB.1.3	Exhaust fans vented to unconditioned space shall have dampers, except for combustion devices with integral exhaust ductwork.	<input checked="" type="checkbox"/>
Water Heaters	N1112.AB.3	Comply with efficiency requirements in Table N1112.AB.3. Switch or clearly marked circuit breaker electric or cutoff (gas) must be provided. External or built-in heat trap required for vertical pipe risers.	<input checked="" type="checkbox"/>
Swimming Pools & Spas	N1112.AB.2.3.4	Spas & heated pools must have covers (except solar heated). Noncommercial pools must have a pump timer. Gas spa & pool heaters must have minimum thermal efficiency of 78%. Heat pump pool heaters shall have a minimum COP of 4.0.	N/A
Hot Water Pipes	N1112.AB.5	Insulation is required for hot water circulating systems (including heat recovery units).	N/A
Shower Heads	N1112.AB.2.4	Water flow must be restricted to no more than 2.5 gallons per minute at 80 psig.	<input checked="" type="checkbox"/>
HVAC Duct Construction, Insulation & Installation	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 attics must be insulated to a minimum of R-6.	<input checked="" type="checkbox"/>
HVAC Controls	N1107.AB.2	Separate readily accessible manual or automatic thermostat for each system.	<input checked="" type="checkbox"/>

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* =
The lower the Energy Performance Index, the more efficient the home.

- | | |
|--|--|
| <p>1. New Home or addition <u>Addition</u></p> <p>2. Single family or multiple family <u>Single</u></p> <p>3. Number of units, (if multi-family) <u>N/A</u></p> <p>4. Number of bedrooms <u>3</u></p> <p>5. Is this a worst case? (yes or no) <u>NO</u></p> <p>6. Conditioned floor area _____ sq. ft.</p> <p>7. Glass type & area</p> <p>a. U-Factor: _____ sq. ft.
(Or single or double Default) <u>.07</u> sq. ft.</p> <p>b. SHGC: _____ sq. ft.
(Or clear or tint Default) <u>.07</u> sq. ft.</p> <p>8. Floor types, Insulation level</p> <p>a. Slab-on-grade, edge insulation R= <u>0</u></p> <p>b. Wood, raised R= _____</p> <p>c. Concrete, raised R= _____</p> <p>9. Wall types, Insulation level</p> <p>Exterior</p> <p>a. Wood frame R= <u>13</u></p> <p>b. Metal frame R= _____</p> <p>c. Concrete block R= _____</p> <p>d. Log R= _____</p> <p>e. Other _____ R= _____</p> <p>Adjacent</p> <p>a. Wood frame R= <u>13</u></p> <p>b. Metal frame R= _____</p> <p>c. Concrete block R= _____</p> <p>d. Log R= _____</p> <p>e. Other _____ R= _____</p> <p>10. Ceiling types, Insulation level</p> <p>a. Under attic R= <u>30</u></p> <p>b. Single assembly R= _____</p> <p>c. Knee walls/skylight walls R= _____</p> <p>d. Radiant barrier installed R= _____</p> | <p>11. Ducts, Location & Insulation Level</p> <p>a. Supply ducts: _____ R= <u>Existing R/L</u></p> <p>b. Return ducts: _____ R= <u>11 R/L</u></p> <p>12. Cooling systems</p> <p>a. Split system Capacity: _____
SEER: <u>14</u></p> <p>b. Single package SEER: _____</p> <p>c. Ground/water source COP: _____</p> <p>d. Room unit EER: _____</p> <p>e. PTAC EER: _____</p> <p>f. Gas-driven COP: _____</p> <p>13. Heating Systems</p> <p>a. Split system heat pump Capacity: _____
HSPF: <u>9.7</u></p> <p>b. Single package heat pump HSPF: _____</p> <p>c. Electric resistance COP: _____</p> <p>d. Gas furnace, natural gas AFUE: _____</p> <p>e. Gas furnace, LPG AFUE: _____</p> <p>f. Gas-driven heat pump Recov. EFF.: _____</p> <p>14. Water heating systems</p> <p>a. Electric resistance EF: _____</p> <p>b. Gas fired, natural gas EF: _____</p> <p>c. Gas fired, LPG EF: <u>.58</u></p> <p>d. Solar System with tank EF: _____</p> <p>e. Dedicated heat pump with tank EF: _____</p> <p>f. Heat recovery unit HeatRec% _____</p> <p>g. Other: _____</p> <p>15. HVAC credits claimed (Alternate Point System Method only)</p> <p>a. Ceiling fans _____</p> <p>b. Cross ventilation _____</p> <p>c. Whole house fan _____</p> <p>d. Multizone cooling credit _____</p> <p>e. Multizone heating credit _____</p> <p>f. Programmable thermostat <u>YES</u></p> |
|--|--|

I certify that this home has complied with the Florida Energy Efficiency Code For Building 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: John Carls

Date: 1-20-12

Address of New Home: 534 NW Cypress Cove
L.R. FLA 32055

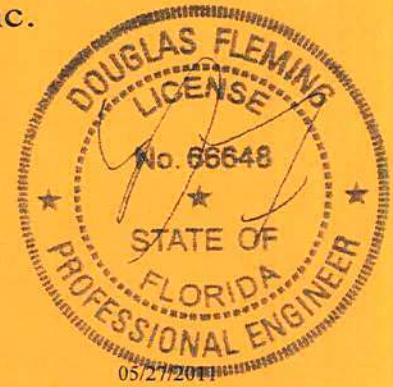
City/FL Zip LAKE CITY FLA 32055

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

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID: IUCA487-Z0127085459



Truss Fabricator: Anderson Truss Company
Job Identification: 11-115--Fill in later JERRY CASTAGNA/BRATMULLER -- , **
Truss Count: 9
Model Code: Florida Building Code 2007 and 2009 Supplement
Truss Criteria: FBC2007Res/TPI-2002(STD)
Engineering Software: Alpine Software, Version 9.05.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-05 -Closed

Notes:

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

Douglas Fleming
-Truss Design Engineer-

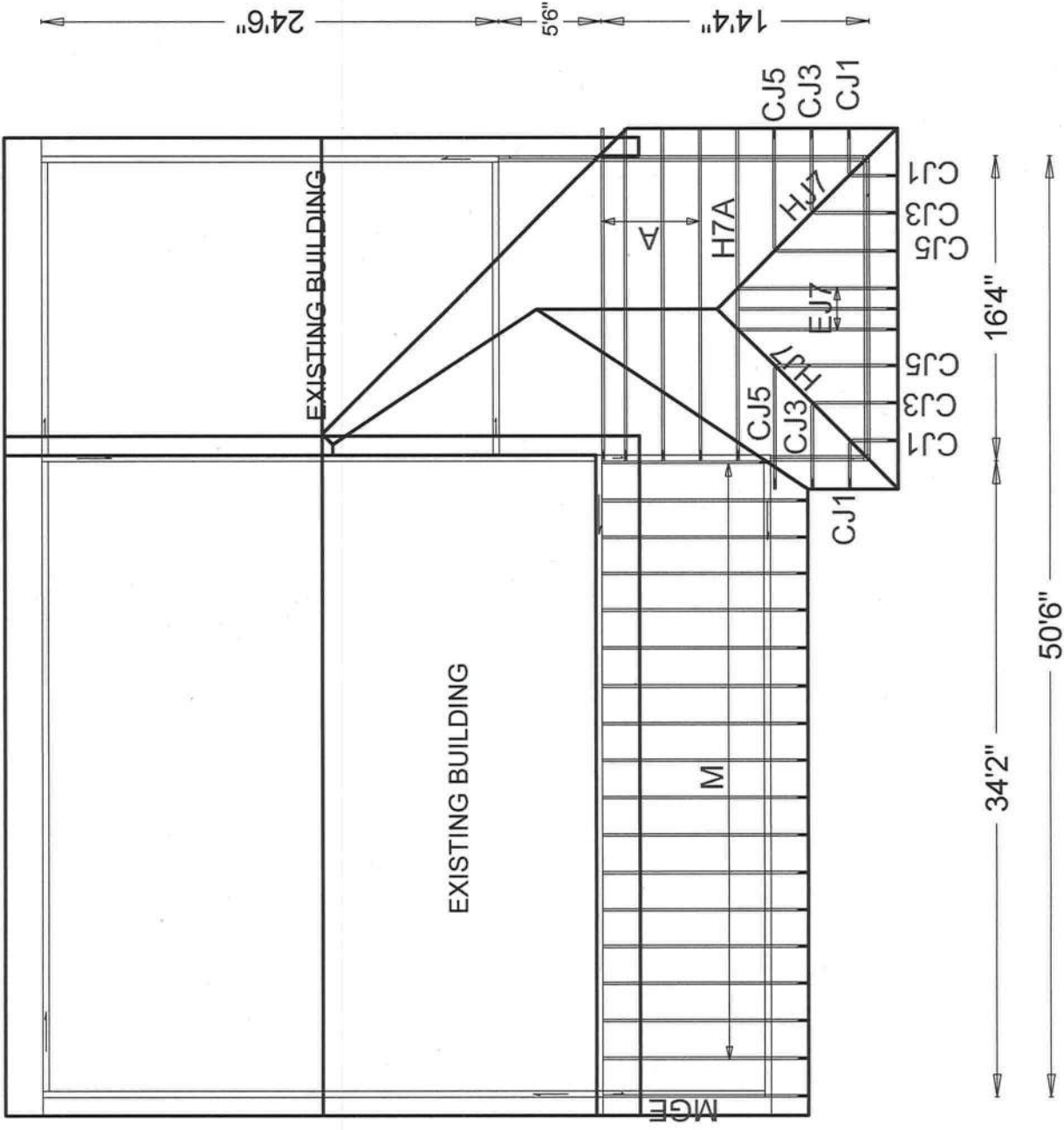
1950 Marley Drive
Haines City, FL 33844

Details: A1101505-GBLLETIN-

#	Ref	Description	Drawing#	Date
1	83813--H7A		11147003	05/27/11
2	83814--A		11147001	05/27/11
3	83815--CJ1		11147004	05/27/11
4	83816--CJ3		11147005	05/27/11
5	83817--CJ5		11147006	05/27/11
6	83818--EJ7		11147007	05/27/11
7	83819--HJ7		11147008	05/27/11
8	83820--M		11147002	05/27/11
9	83821--MGE		11147009	05/27/11



ADDITION SHEATHING AREA - 882 SQ FT



5'4" 9'

14'4" 5'6" 24'6"

34'2" 50'6" 16'4"

JOB DESCRIPTION: Fill in later
/ JERRY CASTAGNA/BRATMULLER

JOB NO:
11-115
PAGE NO:
1 OF 1

JERRY CASTAGNA/BRATMULLER

(11-115--Fill in later JERRY CASTAGNA/BRATHMULLER -- ** - H7A)

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

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

Roof overhang supports 2.00 psf soffit load.

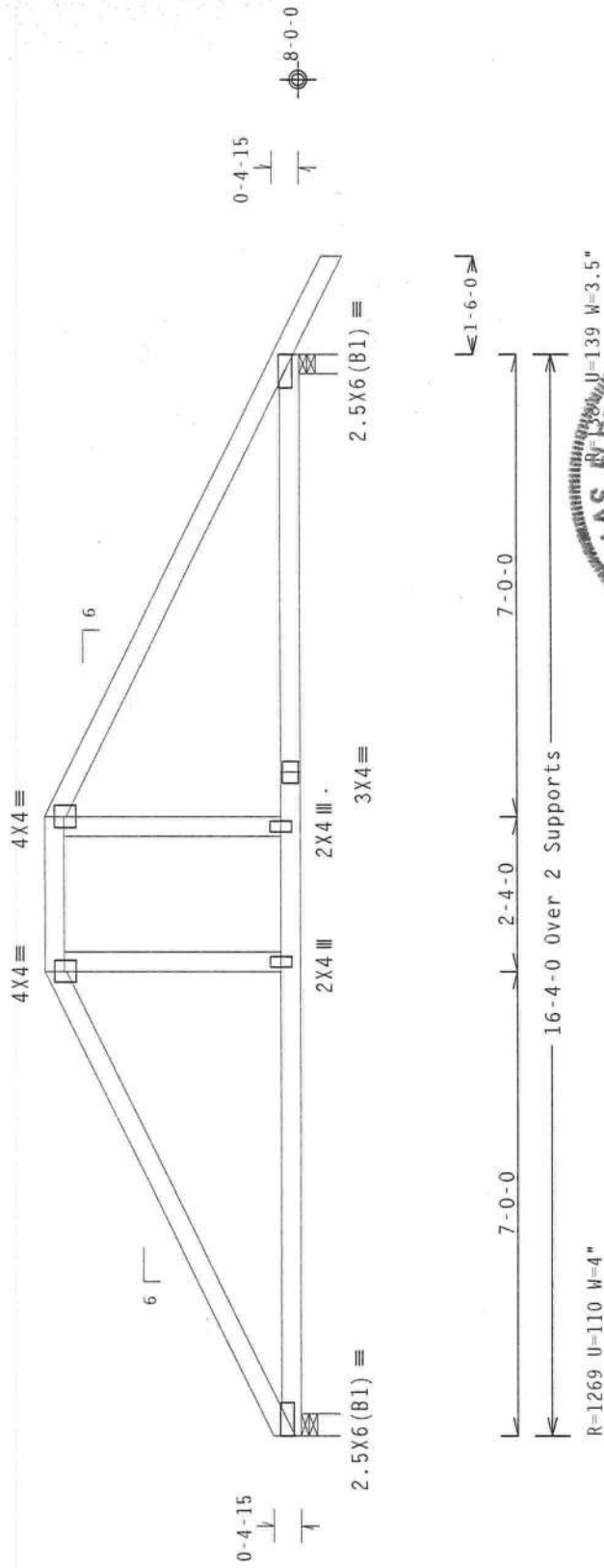
Wind reactions based on MWFRS pressures.

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

#1 hip supports 7-0-0 jacks with no webs.

Left side jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang.
End jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang. Right side jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang.

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



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



FL / - / 4 / - / - / R / -	Scale = .375" / Ft.
TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"
REF	R487 - 83813
DATE	05/27/11
DRW	HCUR487 11147003
HC-ENG	JB/DF
SEQN-	206183
JREF-	IUCA487_201

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the notes on this drawing for details. Trusses shall be installed in accordance with the manufacturer's instructions. Trusses shall be installed in accordance with the manufacturer's instructions. Trusses shall be installed in accordance with the manufacturer's instructions.

****IMPOREANT**** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the notes on this drawing for details. Trusses shall be installed in accordance with the manufacturer's instructions. Trusses shall be installed in accordance with the manufacturer's instructions. Trusses shall be installed in accordance with the manufacturer's instructions.

The Building Components Group Inc. (BCCI) shall not be responsible for any deviation from this design for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 100-2 for standard plate positions. A seal on the drawing shall be provided by the fabricator. The suitability and use of this design for any structure is the responsibility of the building designer per ANSI/TPI 1 Sec.2. For more information see: THIS JOB'S general notes page; ITR-BCC; www.itrbcc.com; TPI: www.tpinet.org; WCA; www.abctrustry.com; ICC: www.iccsafe.org

ALPINE

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

(11-115--Fill in later JERRY CASTAGNA/BRATHMULLER -- ** - A)

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

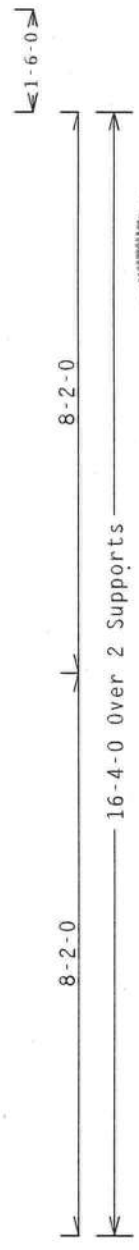
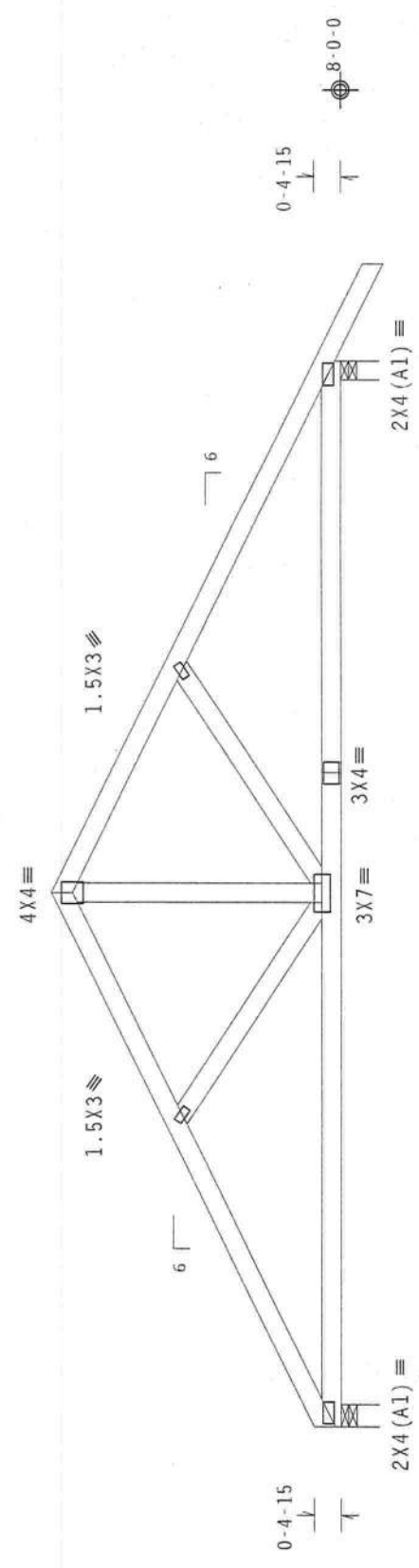
Wind reactions based on MWFRS pressures.

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

Roof overhang supports 2.00 psf soffit load.

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

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



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

Scale = .375" / Ft.

PLT TYP. Wave	ALPINE Haines City, FL 33844 FL COA #0278	<p>DOUGLAS FLEMING LICENSE No. 96648 STATE OF FLORIDA PROFESSIONAL ENGINEER</p> <p>9.05.03.0319.17 No. 96648</p>	<p>TC LL 20.0 PSF TC DL 10.0 PSF BC DL 10.0 PSF BC LL 0.0 PSF TOT.LD. 40.0 PSF DUR.FAC. 1.25 SPACING 24.0"</p>	<p>REF R487-- 83814 DATE 05/27/11 DRW HCUSR487 11147001 HC-ENG JB/DF SEQN- 206192 JREF- 1UCA487_Z01</p>
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****IMPORTANT**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
 FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSP (Building Component Safety) information, by TPI and BREC, for all details and instructions. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

TPI Building Components Group Inc. (TIBCO) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation, bracing or trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering structure is the responsibility of the Building Designer per ANSI/TPI 1, Sec. 2. For more information see: TIBCO's general notes page: TIB-BGC; www.tibco.com; TPI: www.tpi.net; BREC: www.brec.com; MICA: www.abnindustry.com; ICC: www.iccsafe.org

(11-115--Fill in later JERRY CASTAGNA/BRAHMULLER -- ** - CJ3)

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

Roof overhang supports 2.00 psf soffit load.

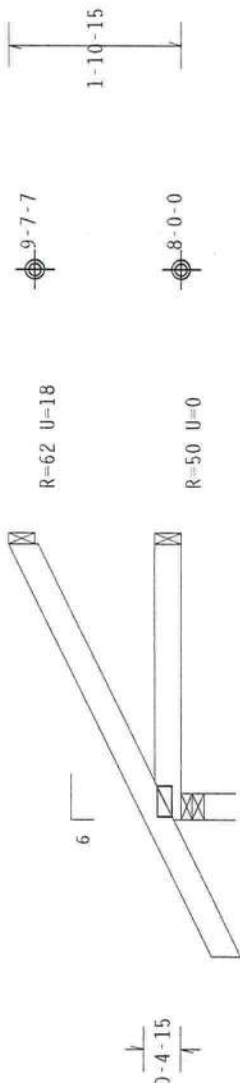
Bottom chord checked for 10.00 psf non-concurrent live load.

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

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

Wind reactions based on MWFRS pressures.

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



1-6-0
3-0-0 Over 3 Supports

R=262 U=25 W=3.5"
RL=52/-27

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

PLT TYP. Wave

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



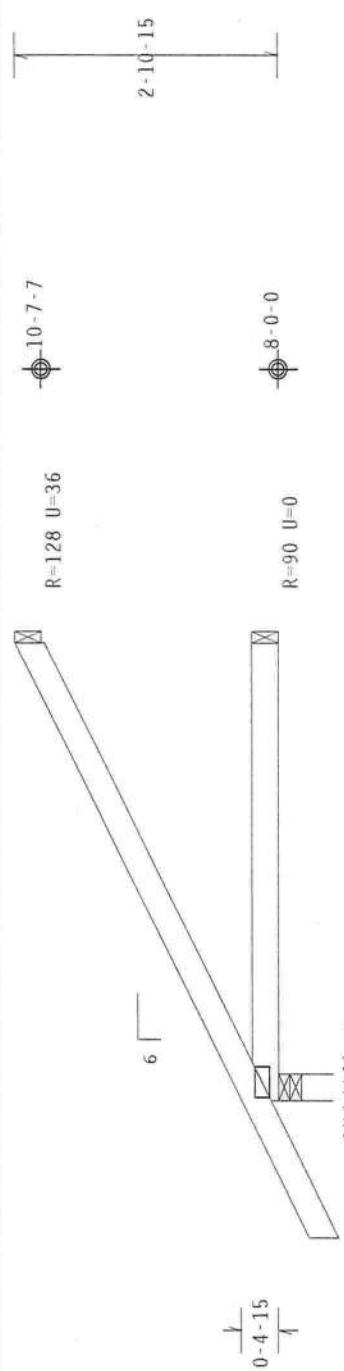
****IMPORTANT**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI Building Component Safety Information by TPI and BCSI for industry practices prior to performing these functions. Installers shall provide temporary bracing per BCSI unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
The Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the bracing or trusses. Apply plates to each face of truss and position as shown above and on the Job Details, unless noted otherwise. Refer to drawings 100-2 for standard plate positions. A seal on the responsibility solely of the building designer per ASCE/TPI 1 Sec.2. For more information see: This job's general notes page; ITW-BCG: www.itwbcg.com; TPI: www.tpiinst.org; MECA: www.sbcindustry.com; ICC: www.iccsafe.org

QTY 4	FL/-/4/-/-/R/-	Scale = .5" / Ft.
TC LL	20.0 PSF	REF R487 - - 83816
TC DL	10.0 PSF	DATE 05/27/11
BC DL	10.0 PSF	DRW HCUSR487 11147005
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 206155
DUR.FAC.	1.25	
SPACING	24.0"	JREF- IUGA487_Z01

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

Wind reactions based on MWFRS pressures.
Deflection meets L/240 live and L/180 total load.

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Roof overhang supports 2.00 psf soffit load.
Bottom chord checked for 10.00 psf non-concurrent live load.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



← 1-6-0 →
← 5-0-0 Over 3 Supports →
R-331 U=24 W=3.5"
RL=75/-32

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

PLT TYP. Wave

ALPINE

ALPINE

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

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER

9.09.03.0319.17

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. All bracing shall be installed in accordance with the design and bracing details. The contractor shall be responsible for providing temporary bracing for the trusses prior to performing these functions. Installers shall provide temporary bracing unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
The Building Components Group Inc. (BCCI) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ASCE/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the job site. Details, unless noted otherwise, refer to drawings 1004.2 for standard plate positions. A seal of approval is provided for the design and use of this design for any structure. The contractor shall be responsible for the building design and use of this design for any structure. The contractor shall be responsible for the building design and use of this design for any structure. For more information see: THIS JOB.
general notes page: 11W-BCC; www.11wbcc.com; TPI: www.tpinet.org; WCA: www.abctrustry.com; ICC: www.iccsafe.org

TC LL	20.0 PSF	FL/-/4/-/4/-/R/-	Scale = .5"/Ft.
TC DL	10.0 PSF	REF R487-- 83817	
BC DL	10.0 PSF	DATE 05/27/11	
BC LL	0.0 PSF	DRW HCUSR487 11147006	
TOT.LD.	40.0 PSF	HC-ENG JB/DF	
DUR.FAC.	1.25	SEQN- 206158	
SPACING	24.0"	JREF- 1UCA487_Z01	

(11-115--Fill in later JERRY CASTAGNA/BRATMULLER -- ** - E07)

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

Roof overhang supports 2.00 psf soffit load.

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

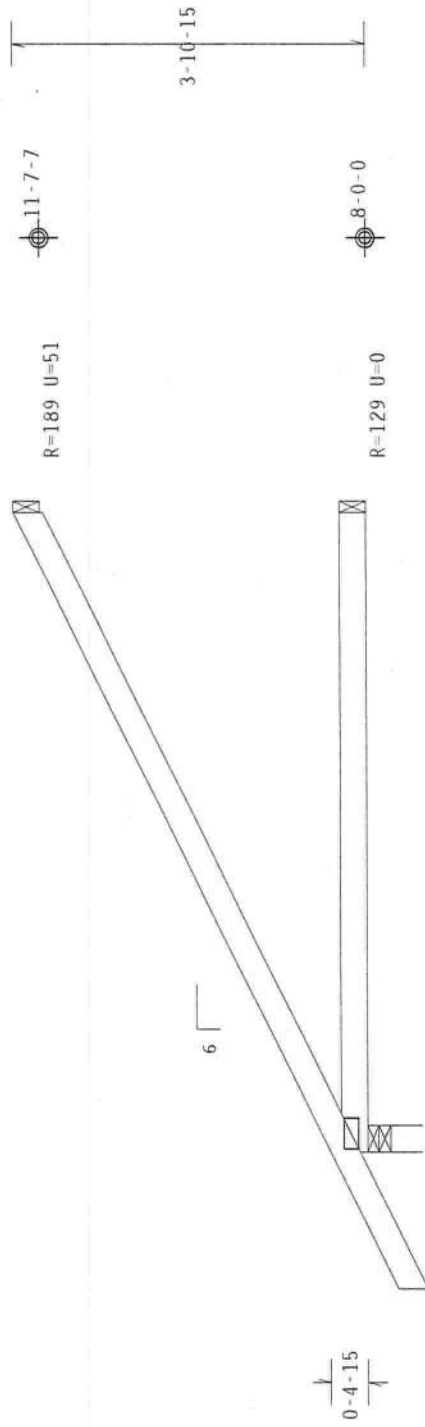
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MWFRS pressures.

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

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

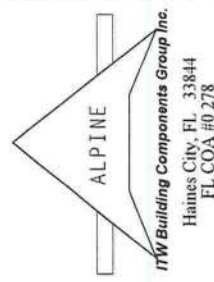


← 1-6-0 →
 7-0-0 Over 3 Supports

R=408 U=24 W=3.5"
 RL=98/-37

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

PLT TYP. Wave



****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
 Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the first edition of the Building Good Practices Manual for more information.
 Unless noted otherwise, all trusses shall be installed with temporary bracing per section 10.0. Top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BC1 sections B3, B7 or B10, as applicable.
 ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the original design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the detail, unless noted otherwise. Refer to drawings 1004-2 for standard plate positions. A seal on drawings page 1004-2 shall be provided by the fabricator. The seal shall be placed on the drawings page 1004-2. The seal shall be placed on the drawings page 1004-2. The seal shall be placed on the drawings page 1004-2. The seal shall be placed on the drawings page 1004-2. The seal shall be placed on the drawings page 1004-2. For more information see: THIS JOB'S general notes page: 1TH-BCG; www.itwbcg.com; TPI: www.tpinat.org; MCA: www.ablindustry.com; ICC: www.iccsafe.org

TC LL	20.0 PSF	FL/-/4/-/-/R/-	Scale = .5"/Ft.
TC DL	10.0 PSF	REF	R487-- 83818
BC DL	10.0 PSF	DATE	05/27/11
BC LL	0.0 PSF	DRW	HCUSR487 11147007
TOT.LD.	40.0 PSF	HC-ENG	JB/DF
DUR.FAC.	1.25	SEQN-	206161
SPACING	24.0"	JREF-	1UCA487_Z01

(11-115--Fill in later JERRY CASTAGNA/BRATHMULLER -- ** - HJ7)

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

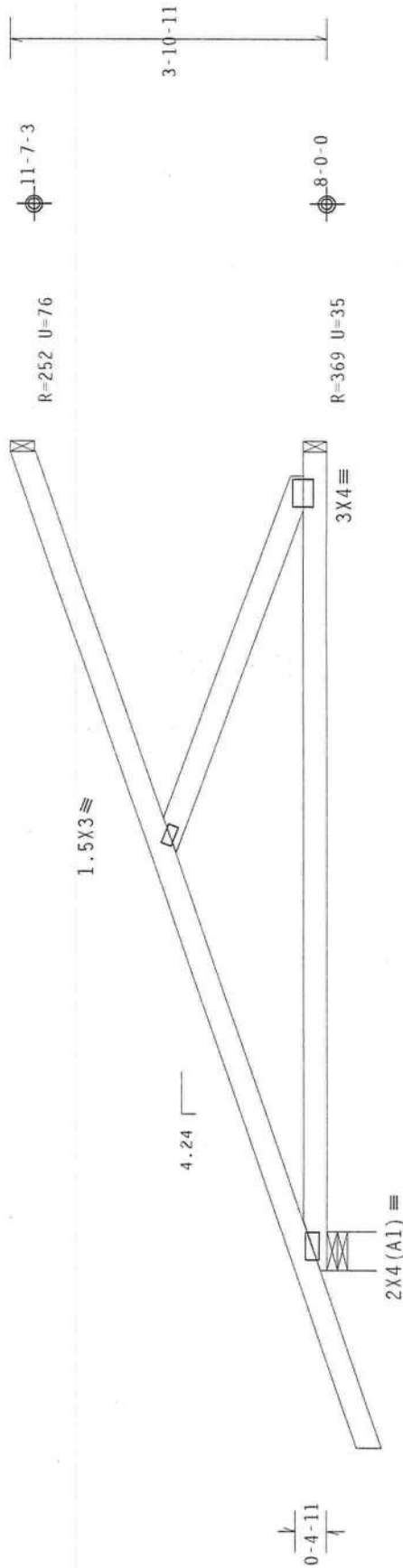
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 Gcpi(+/-)=0.18

Hipjack supports 7-0-0 setback jacks with no webs.

Wind reactions based on MWFRS pressures.

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

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
 Provide (3) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



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

PLT TYP. Wave

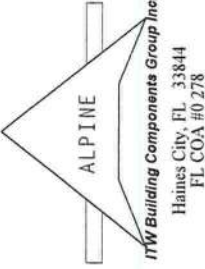
QTY 2

Scale = .5"/Ft.

TC LL	20.0 PSF	FL/-/4/-/-(R/-	REF	R487--	83819
TC DL	10.0 PSF		DATE	05/27/11	
BC DL	10.0 PSF		DRW	HCUR487	11147008
BC LL	0.0 PSF		HC-ENG	JB/DF	
TOT.LD.	40.0 PSF		SEQN-	206164	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	IUCA487_Z01	



****IMPOBANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
 Trusses require extreme care in fabrication, handling, shipping, installing and bracing. Refer to the manufacturer's literature for details and instructions. Installers shall practice proper bracing techniques prior to performing these functions. Installers shall provide temporary bracing for all trusses unless noted otherwise. Top chord shall have properly attached structural sheathing and bolted chord shall have bracing installed per BCSD sections B3, B7 or B10, as applicable.
 ITR Building Components Group Inc. (ITRBCG) shall not be responsible for any deviation from the bracing or trusses. Apply plates to each face of truss and position as shown above and on the details, unless noted otherwise. Refer to drawings 100-2 for standard plate positions. A seal on the manufacturer's literature shall be provided for the building. The suitability and use of this design for any responsibility of the building designer per ASCE/TPI 1 Sec.2. For more information see: THIS JOB'S general notes page; ITR-BCG: www.itrbcg.com; TPI: www.tpinat.org; WCA: www.4windustry.com; ICC: www.iccsafe.org



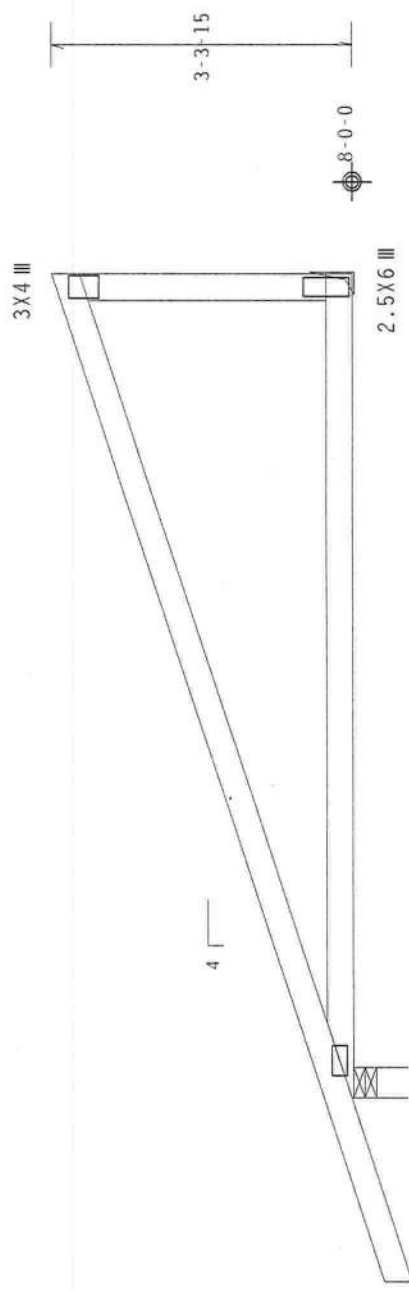
(11-115--Fill in later JERRY CASTAGNA/BRATMULLER -- ** - M)

Top chord 2x4 SP #1
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.
 Bottom chord checked for 10.00 psf non-concurrent live load.
 Deflection meets L/240 live and L/180 total load.

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

Wind reactions based on MWFRS pressures.
 Right end vertical not exposed to wind pressure.

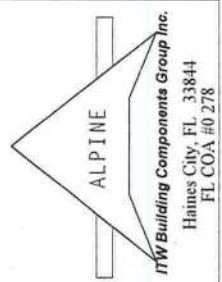


2-0-0
 9-0-0 Over 2 Supports
 R-518 U=52 W=4"
 RL=85/-25

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



PLT TYP. Wave



****IMPORTANT****
 Trusses require extreme care in fabricating, handling, shipping, installation and bracing. See the following notes for details on proper installation and bracing. Truss installers shall follow the practices set forth in this drawing. Truss installers shall have a properly attached structural sheathing and bottom chord bracing installed per BCSI sections B3, B7 or B10, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the bracing of trusses. Apply plates to each face of truss and position as shown above and on the details, unless noted otherwise. Refer to drawings 1606-2 for standard plate positions. A seal on the cover page listing this drawing, indicating the date of preparation of the drawing, and the responsibility of the building designer per ANSI/TPI 1 Sec. 2. For more information see: THIS JOB'S general notes page; ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; MFG: www.sbcindustry.com; ICC: www.iccsafe.org

TC LL	20.0 PSF	REF	R487--	83820
TC DL	10.0 PSF	DATE	05/27/11	
BC DL	10.0 PSF	DRW	HCUSR487	11147002
BC LL	0.0 PSF	HC-ENG	JB/DF	*
TOT.LD.	40.0 PSF	SEQN-	206145	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	IUCA487_201	

Scale = .5" / Ft.

(11-115--Fill in later JERRY CASTAGNA/BRATHMULLER -- ** - MGE)

Top chord 2x4 SP #1
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3
 :Stack Chord SC1 2x4 SP #2 Dense:
 Roof overhang supports 2.00 psf soffit load.
 Truss spaced at 24.0" OC designed to support 1-0-0 top chord outlookers.
 Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{Cp1}(+/-)=0.18$

Wind reactions based on MWFRS pressures.

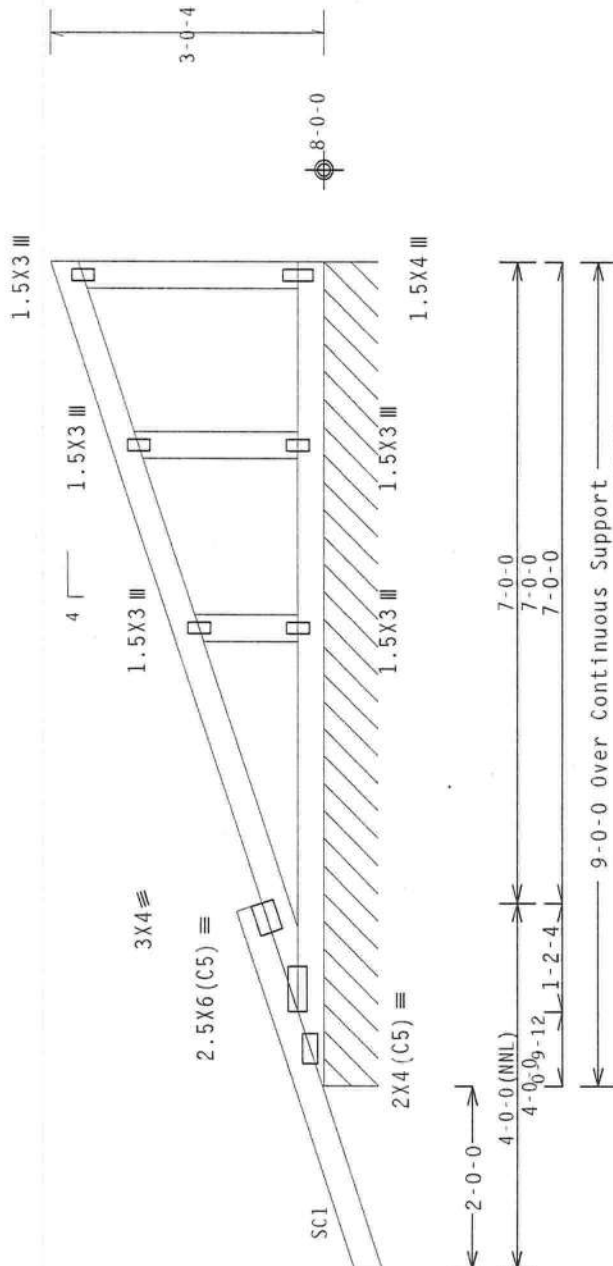
Right end vertical not exposed to wind pressure.

See DMGS A11015050109 & GBLLETT10109 for more requirements.

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

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

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

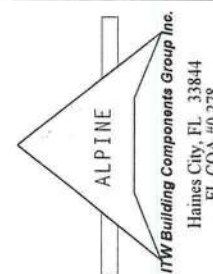


R-112 PLF U-51 PLF W-9-0-0
 RL-23/-3 PLF

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



PLT TYP. Wave



TC LL	20.0 PSF	REF	R487--	83821
TC DL	10.0 PSF	DATE	05/27/11	
BC DL	10.0 PSF	DRW	HCUR487	11147009
BC LL	0.0 PSF	HC-ENG	JB/DF	
TOT.LD.	40.0 PSF	SECN-	206149	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1UCA487	_Z01

****IMPORTANT**** READ AND FOLLOW ALL NOTES ON THIS SHEET
 FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
 Trusses require extreme care in fabrication, handling, shipping, installation and bracing. Refer to the following notes and drawings for details. The contractor shall provide temporary bracing per notes unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of trusses shall have bracing installed per RCSI sections B3, B7 or B10, as applicable.
 ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 100-2 for standard plate positions. A seal on the bottom chord is required for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page; ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; MECA: www.sbcindustry.com; ICC: www.iccsafe.org

Scale = .5" / Ft.

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

GABLE STUD REINFORCEMENT DETAIL

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:

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

DOUGLAS FIR-LARCH

#3 STUD	SOUTHERN PINE
STUD	STANDARD

GROUP B:

HEM-FIR	DOUGLAS FIR-LARCH
#1 & BTR #1	#1
	#2

SOUTHERN PINE

#1	
#2	

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

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

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

ATTACH EACH "L" BRACE WITH 10d NAILS.

* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.

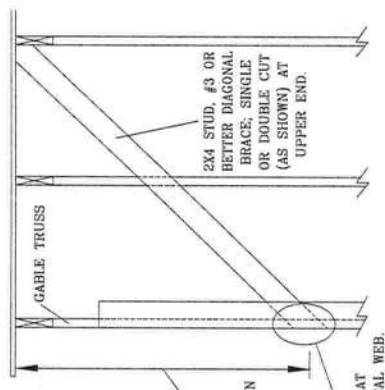
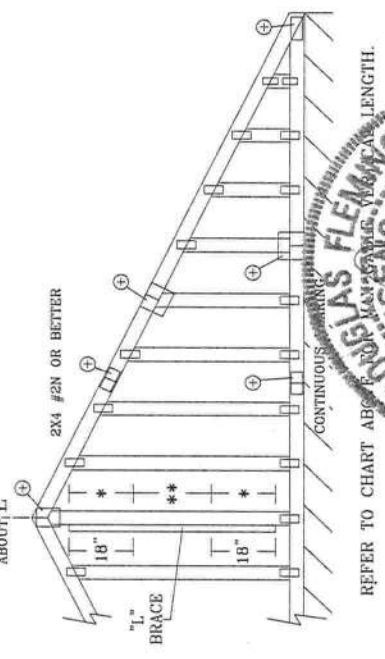
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES

VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0" BUT LESS THAN 11' 6"	2.5X4
GREATER THAN 11' 6"	3X4

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



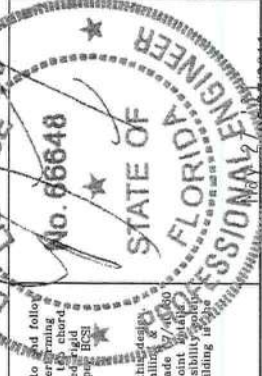
DIAGONAL BRACE OPTION: VERTICAL LENGTH MAY BE DOUBLED WHEN DIAGONAL BRACE IS USED. CONNECT DIAGONAL BRACE FOR 600# AT EACH END. MAX WEB TOTAL LENGTH IS 14'.

VERTICAL LENGTH SHOWN IN TABLE ABOVE.

CONNECT DIAGONAL AT MIDDLEPOINT OF VERTICAL WEB.

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to ITW Building Components Group Inc. (ITWBCG) for more information. ITWBCG is not responsible for any failure to build the truss in conformance with TPI, or fabricating, handling, shipping, installing or bracing of trusses. ITWBCG connector plates are made of 2018/18CA (W.H/S/K) ASTM A653 grade 50 (K/W/H/S) galv. steel. Apply plates to each face of truss, positioned as shown above and on joint plates. The manufacturer's instructions and professional engineering responsibility for the truss component design shall be the responsibility of the building designer. ITWBCG is not responsible for the use of this component for any building application. ITW - BCG: www.itwbog.com; TPI: www.tpinet.com; WTCA: www.wtca.com; ICC: www.iccsafe.org

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design. ITWBCG is not responsible for any failure to build the truss in conformance with TPI, or fabricating, handling, shipping, installing or bracing of trusses. ITWBCG connector plates are made of 2018/18CA (W.H/S/K) ASTM A653 grade 50 (K/W/H/S) galv. steel. Apply plates to each face of truss, positioned as shown above and on joint plates. The manufacturer's instructions and professional engineering responsibility for the truss component design shall be the responsibility of the building designer. ITWBCG is not responsible for the use of this component for any building application. ITW - BCG: www.itwbog.com; TPI: www.tpinet.com; WTCA: www.wtca.com; ICC: www.iccsafe.org



REF	ASCE7-05-CAB1015
DATE	1/1/09
DRWG	A11015050109

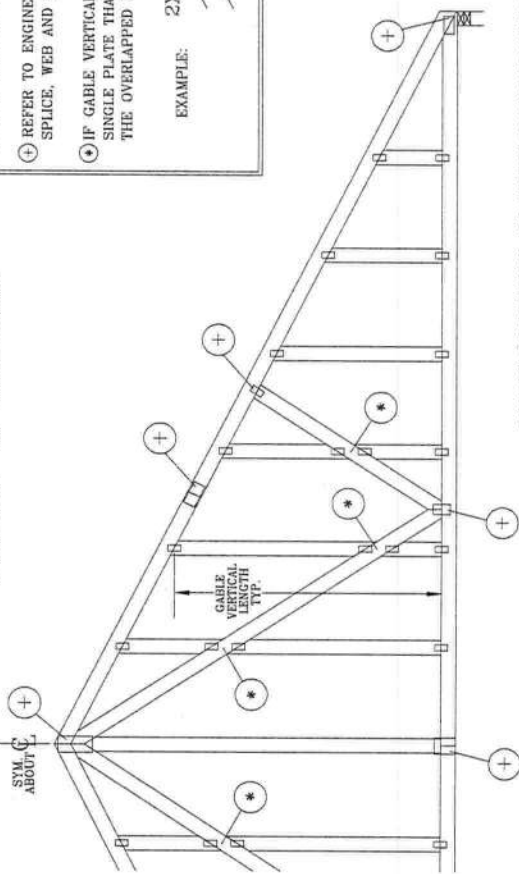
MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"



Earth City, MO 63045

GABLE DETAIL FOR LET-IN VERTICALS

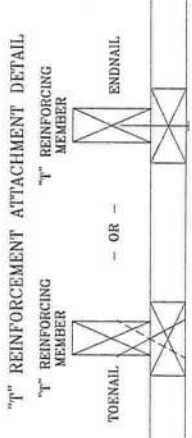


GABLE TRUSS PLATE SIZES
REFER TO APPROPRIATE ITW GABLE DETAIL FOR MINIMUM PLATE SIZES FOR VERTICAL STUDS.

(+) REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.

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

EXAMPLE:



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

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

WEB LENGTH INCREASE W/ "T" BRACE

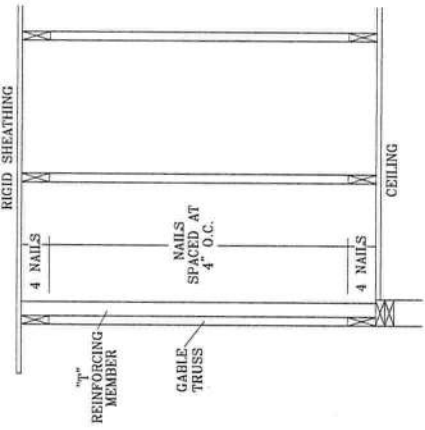
WIND SPEED AND MRH	"T" REINF. MBR. SIZE	"T" INCREASE
140 MPH	2x4	10 %
15 FT	2x6	50 %
140 MPH	2x4	10 %
30 FT	2x6	50 %
130 MPH	2x4	10 %
15 FT	2x6	50 %
130 MPH	2x4	10 %
30 FT	2x6	50 %
120 MPH	2x4	10 %
15 FT	2x6	50 %
120 MPH	2x4	10 %
30 FT	2x6	50 %
110 MPH	2x4	10 %
15 FT	2x6	40 %
110 MPH	2x4	10 %
30 FT	2x6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

EXAMPLE:
ASCE WIND SPEED = 100 MPH
MEAN ROOF HEIGHT = 30 FT, $K_{zt} = 1.00$
GABLE VERTICAL = 24" O.C. SP #3
"T" REINFORCING MEMBER SIZE = 2x4
"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10
(1) 2x4 "L" BRACE LENGTH = 6' 7"
MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH = 1.10 x 6' 7" = 7' 3"

PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH END DRIVEN NAILS:
10d COMMON (0.148"x 3.3" MIN) NAILS AT 4" O.C. PLUS
(4) NAILS IN TOP AND BOTTOM CHORD.

TOENAILED NAILS:
10d COMMON (0.148"x 3.3" MIN) TOENAILS AT 4" O.C. PLUS
(4) TOENAILS IN TOP AND BOTTOM CHORD.



THIS DETAIL TO BE USED WITH THE APPROPRIATE ITW GABLE DETAIL FOR ASCE WIND LOAD.

ASCE 7-98 GABLE DETAIL DRAWINGS
A13015980109, A12015980109, A11015980109, A10015980109,
A13030980109, A12030980109, A11030980109, A10030980109

ASCE 7-02 GABLE DETAIL DRAWINGS
A13015020109, A12015020109, A11015020109, A10015020109,
A13030020109, A12030020109, A11030020109, A10030020109

ASCE 7-05 GABLE DETAIL DRAWINGS
A13015050109, A12015050109, A11015050109, A10015050109,
A13030050109, A12030050109, A11030050109, A10030050109

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



****WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET**
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow BCSI (Building Component Safety Information, by TPI and WCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural panels and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B5 & B7. See this job's general notes page for more information.

****IMPORTANT** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.**
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with TPI, or fabricating, handling, shipping, installing, or bracing of trusses. ITWBCG connector plates are made of 2019/196A (W/H/S/K) ASTM A653 grade 53/57/68 (K1) galvanized steel. Apply plates to each face of truss, positioned as shown above and on Joint/Endplate (A and B) per drawing. Apply plates to each face of truss, positioned as shown above and on Joint/Endplate (A and B) per drawing. The suitability and use of this component for any building shall be the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2.
ITW - BCSI: www.itwbcg.com; TPI: www.tpinet.com; WCA: www.abctindustry.com; ICC: www.iccsafe.org



Earth City, MO 63045

REF	LET-IN VERT
DATE	1/1/09
DRWG	GBLETTN0109
MAX TOT. LD.	60 PSF
DUR. FAC.	ANY
MAX SPACING	24.0"