

Columbia County Building Permit Application

For Office Use Only Application # 1203-06 Date Received 3-6-12 By LH Permit # 29993/1932
 Zoning Official BLK Date 9 MARCH 2012 Flood Zone X Land Use A-3 Zoning A-3
 FEMA Map # N/A Elevation N/A MFE 1/4 mile River N/A Plans Examiner J.C. Date 3-7-12
 Comments
☒ 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 ☒ W Comp. letter
 IMPACT FEES: EMS _____ Fire _____ Corr _____ Sub VF Form _____
 Road/Code _____ School _____ = TOTAL (Suspended) ☒ App Fee Paid

Septic Permit No. 12-0117 Fax _____
 Name Authorized Person Signing Permit WM. M. Marable, Jr Phone 386 364-7722
 Address 11973 SE CR 132 Jasper, FL 32052
 Owners Name MARY NANNY Phone 321-505-2562
 911 Address 509 NW Castlewood Ct Lake City FL 32055
 Contractors Name WM. M. MARABLE, JR Phone 386-364-7722
 Address 11973 SE CR 132 JASPER, FL 32052
 Fee Simple Owner Name & Address MARY NANNY - POB 2587 - ORANGE PARK, FL 32067
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address FREEMAN DESIGN - 128 SW NASSAU ST., LAKE CITY, FL 32025
 Mortgage Lenders Name & Address N/A

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

Property ID Number 29-25-16-01777-106 Estimated Cost of Construction _____
 Subdivision Name SUWANNEE VALLEY FARMS Lot 6 Block _____ Unit _____ Phase 1
 Driving Directions N. FROM LAKE CITY ON US41 - TL ONTO SUWANNEE VALLEY RD - TL ONTO CASTLEWOOD CT @ S.V. FARMS SIGN - ON LEFT @ CUL DE SAC Number of Existing Dwellings on Property 0
 Construction of GARAGE/APT Total Acreage 5A Lot Size 5A
 Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 24 FT
 Actual Distance of Structure from Property Lines - Front 490' Side 90' Side 165' Rear 165'
 Number of Stories 1 Heated Floor Area 960 SF Total Floor Area 2760 SF 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. Page 1 of 2 (Both Pages must be submitted together.) Revised 1-11

spoke to Summary on 3-12-12 ck 2818

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.

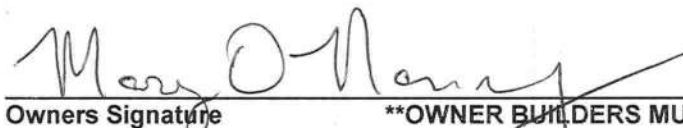
NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE: **YOU ARE HEREBY NOTIFIED** as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage 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.)


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)

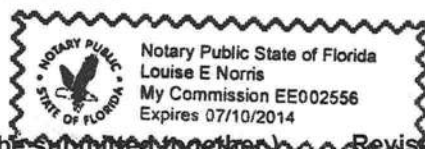
Contractor's License Number CBC050137
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 23rd day of Feb. 2012

Personally known ☒ or Produced Identification _____


State of Florida Notary Signature (For the Contractor)

SEAL:



SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1203-06 CONTRACTOR Wm. M. MARABLE, JR PHONE 386-364-7722
 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 1013	Print Name: <u>Steven Frazier</u> License #: <u>EC13001954</u>	Signature: <u>Steve Frazier</u> Phone #: <u>(386) 362-6690</u>
MECHANICAL/A/C B	Print Name: <u>VANCE AIR COND INC</u> License #: <u>CAC1813312</u>	Signature: <u>Vance R. Cond</u> Phone #: <u>386-276-2862</u>
PLUMBING/GAS 1262	Print Name: <u>Christopher Clarke Howell</u> License #: <u>CFC1427912</u>	Signature: <u>Christopher Clarke Howell</u> Phone #: <u>1-386-590-4837</u>
ROOFING 534	Print Name: <u>Darin Summerlin</u> License #: <u>CC1326192</u>	Signature: <u>Darin L. Summerlin</u> Phone #: <u>386-288-5426</u>
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	N/A		
CONCRETE FINISHER	1255 CBC050137	Wm. M. MARABLE, JR	<u>Wm. M. Marable, Jr</u>
FRAMING	548 CBC050690	SLK Const.	<u>Sam L. Zeman</u>
INSULATION	↓ CBC050690	SLK Const.	<u>Sam L. Zeman</u>
STUCCO	N/A		
DRYWALL	548 CBC050690	SLK Const.	<u>Sam L. Zeman</u>
PLASTER	N/A		
CABINET INSTALLER	548 CBC050608	SLK Const.	<u>Sam L. Zeman</u>
PAINTING	1255 CBC050137	Wm. M. MARABLE, JR	<u>Wm. M. Marable, Jr</u>
ACOUSTICAL CEILING	N/A		
GLASS	N/A		
CERAMIC TILE	548 CBC050690	SLK Const.	<u>Sam L. Zeman</u>
FLOOR COVERING	N/A		
ALUM/VINYL SIDING	548 CBC050690	SLK Const.	<u>Sam L. Zeman</u>
GARAGE DOOR	1255 CBC050137	Wm. M. MARABLE, JR	<u>Wm. M. Marable, Jr</u>
METAL BLDG ERECTOR	N/A		

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

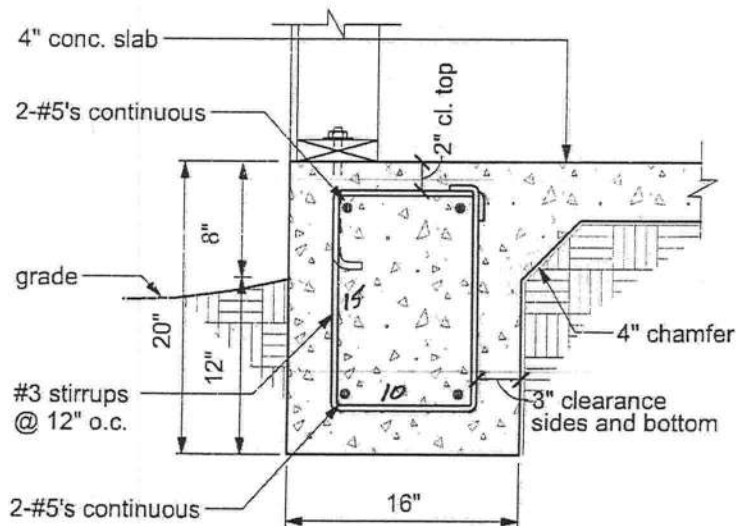
29993

2/16/12

Columbia County Building Dept.
Lake City Florida, 32025

To whom it may concern:

The following detail shall be used for monolithic footings in areas where expansive soils have been located.



1 MONOLITHIC FOOTING
FOR EXPANSIVE SOILS

Sincerely,

William H. Freeman

William H. Freeman, P.E.

Freeman
Design Group, Inc.



128 SW NASSAU STREET
LAKE CITY, FL. 32025
(386)758-4209

CERTIFICATE OF AUTHORIZATION # 00006791

NANNY BARN

P.E. # 56001

Columbia County Building Department Culvert Permit No.

Culvert Permit

29993
Attention: Connie

000001932

DATE 03/13/2012 PARCEL ID # 29-2S-16-01777-106

APPLICANT WM. M. MARABLE, JR PHONE 386-364-7722

ADDRESS 11973 SE CR 132 JASPER FL 32052

OWNER MARY NANNY PHONE 321-505-2562

ADDRESS 509 NW CASTLEWOOD CT LAKE CITY FL 32055

CONTRACTOR WM. M. MARABLE, JR PHONE 386-364-7722

LOCATION OF PROPERTY 441 N, L SUWANNEE VALLEY RD, L CASTLEWOOD CT (S.V. FARMS SIGN),
AT THE CUL-DE-SAC ON THE LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT SUWANNEE VALLEY FARM 6 1

INSTALLATION INFORMATION

SIGNATURE *[Signature]*

- (A) A culvert shall be required to be installed as part of any newly constructed private driveway or road, or public road, which connects to a county road in Columbia County. Culvert installation for residential use shall require a permit issued by the Building and Zoning Department. Prior to any culvert permit being issued, an inspection by the Public Works Department shall be required to determine the proper size, length, and location for installation. Culvert installation for commercial, industrial, and other uses shall conform to the approved site plan or to the specifications of a registered engineer. Joint use culverts will comply with Florida Department of Transportation specifications.
- (B) The culvert shall comply and be installed in accordance with Columbia County Land Development Regulation, Access Control: Section 4.2.3 standards. Proper installation of the culvert shall be verified by a final inspection performed by the Public Works Department.
- (C) All culverts required by this policy shall be installed prior to the Building Department granting permission to connect permanent electrical service to the facility or facilities being serviced by newly constructed private driveway or road. In cases where no electrical service exists, installation shall be completed prior to final inspection approval.
- (D) Mitered-end culverts shall be used in the following applications:
 (1) When the culvert is to be placed giving access to a paved street.; (2) When the road is contained within a subdivision (recorded or unrecorded) that has not reached a "build out" of fifty percent (50%) or more.; (3) In all new subdivisions for residential use. New subdivisions shall be required as part of the final plat to specify culvert diameter and length.; (4) When the predominant use already established by the use of mitered-end culverts period.

☐ Culvert installation shall conform to the approved site plan standards.

☐ Department of Transportation Permit installation approved standards.

☒ Shall conform to Public Works Determinations as Stated Below:

18" diameter X 32' foot long CMP with
mitre ends poured concrete

P W Inspectors Name: James Durrance

Date: 9-5-12

Final Inspection Date: 9-28-12

P W Inspectors Name: James Durrance

Signature: *[Signature]*

CONTACT FOR REQUIREMENTS AND INSPECTIONS:

PUBLIC WORKS DEPARTMENT

Phone: 386-758-1019

Amount Paid 25.00

Check No. 2818

All Proper Safety Requirements Should Be Followed During The Installation Of The Culvert

15x21"
w/ corr.
mitred
ends



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

APPLICATION FOR CONSTRUCTION PERMIT

CR # 10-5340

PERMIT NO. 12-0117
DATE PAID: 3/11/12
FEE PAID: 30.00
RECEIPT #: 1828358

APPLICATION FOR:

☒ New System ☐ Existing System ☐ Holding Tank ☐ Innovative
☐ Repair ☐ Abandonment ☐ Temporary ☐

APPLICANT: DALE & MARY NANNY

AGENT: MARABLE CONSTRUCTION

TELEPHONE: (386) 792-2297

MAILING ADDRESS: PO BOX 1506

LIVE OAK

FL 32060

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: 6 BLOCK: N/A SUBDIVISION: SUWANNEE VALLEY FARMS

PLATTED: 10/06

PROPERTY ID #: 29-2S-16-01777-106

ZONING: AG I/M OR EQUIVALENT: ☐ NO ☐

PROPERTY SIZE: 5.010 ACRES WATER SUPPLY: ☒ PRIVATE PUBLIC ☐ ≤ 2000 GPD ☐ > 2000 GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? ☐ NO ☐

DISTANCE TO SEWER: N/A FT

PROPERTY ADDRESS: NW CASTLEWOOD CT.

DIRECTIONS TO PROPERTY:

41 NORTH TURN LEFT ON SUWANNEE VALLEY RD TURN LEFT ON CASTLEWOOD CT TO END ON LEFT.

BUILDING INFORMATION ☒ RESIDENTIAL ☐ COMMERCIAL

Unit No.	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	HOUSE	1	960	
2				out of flood. <i>[initials]</i>
3				
4				

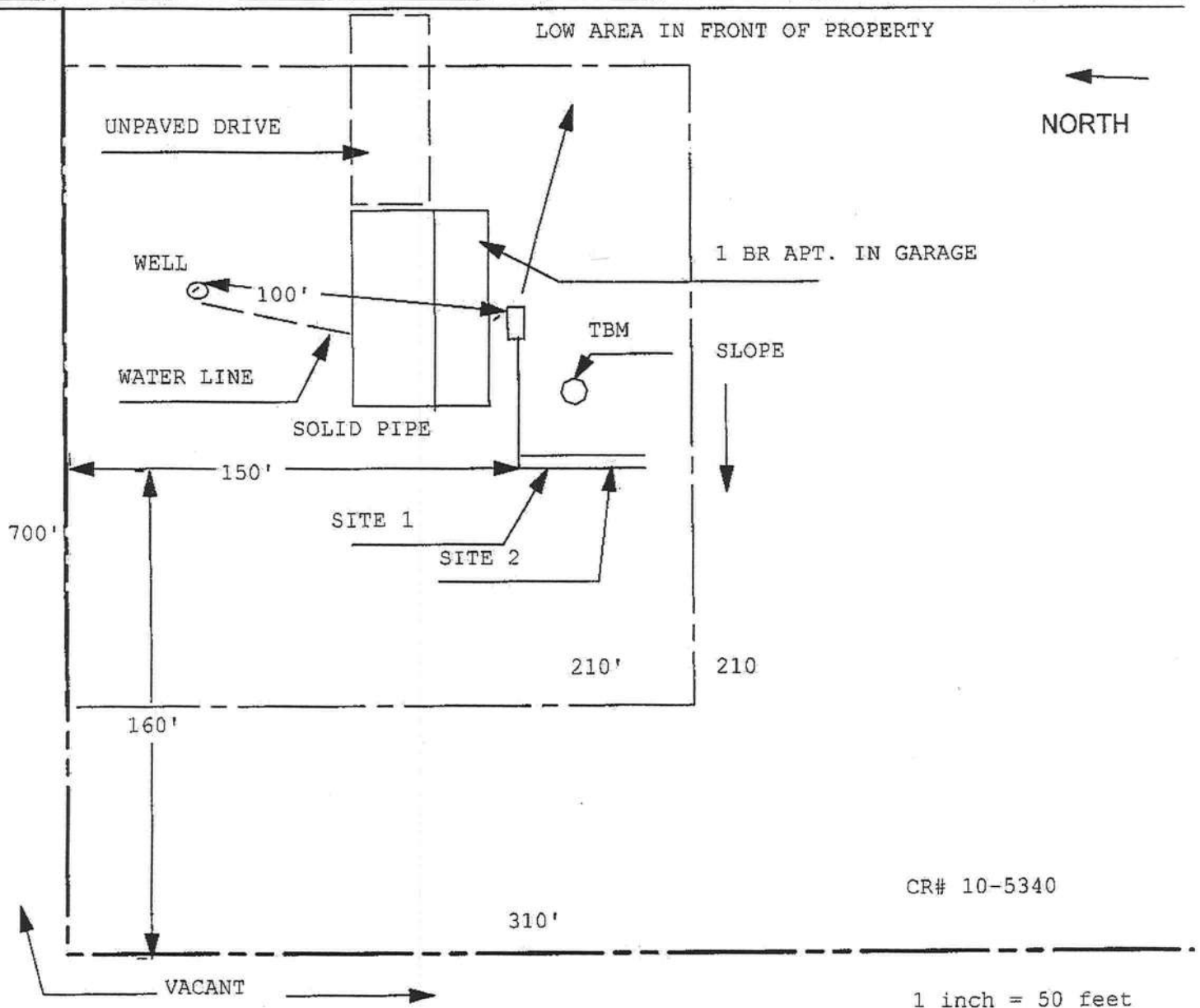
☐ Floor/Equipment Drains ☐ Other (Specify) _____

SIGNATURE: [Signature]

DATE: 2/29/12

Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 12-0117

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



Site Plan Submitted By Paul R. Rysa Date 12-22-11
Plan Approved X Not Approved Date 3/5/12
By Columbia CPHU
Notes:

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: 2/29/2012 DATE ISSUED: 3/5/2012

ENHANCED 9-1-1 ADDRESS:

509 NW CASTLEWOOD CT

LAKE CITY FL 32055

PROPERTY APPRAISER PARCEL NUMBER:

29-2S-16-01777-106

Remarks:

ADDRESS FOR PROPOSED STRUCTURE ON PARCEL.

Address Issued By: 

Columbia County 9-1-1 Addressing / GIS Department

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

PREPARED BY MARY O. NANNY
& RETURN TO: POB 2587
ORANGE PARK, FL 32067

NOTICE OF COMMENCEMENT

Tax Parcel Identification Number:

29-25-16-01777-106

Clerk's Office Stamp

201212003295 Date: 3/1/2012 Time: 9:14 AM
DC, P. DeWitt Cason, Columbia County Page 1 of 1 B.1230 P.1880

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.

- Description of property (legal description): LOT 6, SUWANNEE VALLEY FARMS S/D PHASE 1
a) Street (job) Address: NW CASTLEWOOD CT, LAKE CITY, FL 32025
- General description of improvements: GARAGE & APARTMENT
- Owner Information
 - Name and address: MARY O. NANNY, POB 2587, ORANGE PARK, FL 32067
 - Name and address of fee simple titleholder (if other than owner): _____
 - Interest in property: Fee simple
- Contractor Information
 - Name and address: WM. M. MARABLE, JR., 11973 SE CR 132 JASPER, FL 32052
 - Telephone No.: 396-312-2512 Fax No. (Opt.): 377-373-2295
- Surety Information
 - Name and address: NONE
 - Amount of Bond: _____
 - Telephone No.: _____ Fax No. (Opt.): _____
- Lender
 - Name and address: NONE
 - Phone No.: _____
- Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
 - Name and address: NONE
 - Telephone No.: _____ Fax No. (Opt.): _____
- In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes:
 - Name and address: NONE
 - Telephone No.: _____ Fax No. (Opt.): _____
- 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. Mary O. Nanny
Signature of Owner or Owner's Authorized Officer/Partner/Manager
MARY O. NANNY
Printed Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 10th day of January, 20 12, by:
MARY O. NANNY as OWNER (type of authority, e.g. officer, trustee, attorney
fact) for herself (name of party on behalf of whom instrument was executed).

Personally Known _____ OR Produced Identification ☒ Type FLDr.lic

Notary Signature Maria Luisa Kaczeta Notary Stamp or Seal:



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.

Mary O. Nanny
Signature of Natural Person Signing (in line #10 above.)

Warranty Deed

Inst: 200912018742 Date: 11/6/2009 Time: 4:13 PM
Doc Stamp-Deed 577.50
DC, P DeWitt Gason, Columbia County Page 1 of 1 B:1183 P:2350

This Indenture, made, November 5, 2009 A.D.

Between

Subrandy Limited Partnership, a Florida Limited Partnership whose post office address is: PO Box 513, Lake City, FL 32056, Grantor and Jackie Dale Nanny and his wife, Mary O. Nanny whose post office address is: 188 Nicaragua Street, Beaufort, SC 29902, Grantee,

Witnesseth, that the said Grantor, for and in consideration of the sum of Ten and No/100 Dollars (\$10.00), to it in hand paid by the said Grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said Grantee forever, the following described land, situate, lying and being in the County of Columbia, State of Florida, to wit:

Lots 6 and 7, Suwannee Valley Farms Phase 1, according to the map or plat thereof, as recorded in Plat Book 8, Page 47, of the Public Records of Columbia County, Florida.

The above described property does not constitute the homestead property of the Grantor described herein.

Subject to taxes for the current year, covenants, restrictions and easements of record, if any.

Parcel Identification Number: 162S29-01777-106/107

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, 2009.

And the said Grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

In Witness Whereof, the said Grantor has caused this instrument to be executed in its name by its duly authorized general partner the day and year first above written.

Subrandy Limited Partnership

Signed and Sealed in Our Presence:

By:

Bradley N. Dicks
Bradley N. Dicks
Its: General Partner

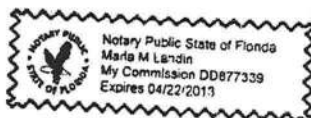
Melinda Weaver
Witness Print Name: MELINDA WEAVER

Marla M Landin
Witness Print Name: Marla M Landin

State of Florida
County of Columbia

The foregoing instrument was acknowledged before me this 5 day of November, 2009, by Bradley N. Dicks, the General Partner of Subrandy Limited Partnership, a Florida Limited Partnership.

He/She is personally known to me or has produced D.L. as identification.



Marla M. Landin (Seal)
Notary Public
Notary Printed Name: Marla M Landin

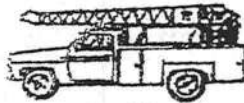
My Commission Expires:

Prepared by & Return to:
Matt Rocco
Sierra Title, LLC
419 SW SR 247, Suite 109
Lake City, Florida 32025
File Number: 09-0849

(386) 362-7365 Bus. **THE DEAL IN A ROUTE** (386) 362-8376 Mob.

(386) 362-7365 Bus. **THE DEAL IN A ROUTE** (386) 362-8376 Mob.

5 Bus. **A SQUARE DEAL IN A ROUND HOLE** (386)



Roundman's Pump Repair and Well Drilling

14381 48th Street • Live Oak, Florida 32060

Date 2-29- 2012

Name MARABLE CONSTRUCTION

Address: NANNY JOB

Phone Fax 877-373-2295

[illegible]

ANYTHING OVER 30 DAYS WILL BE
CHARGED 12% ON UNPAID BALANCE.
WE RESERVE THE RIGHT TO COLLECT
ALL PARTS NOT PAID FOR.

Thank You

NFPC: N22864

FLOOD ZONE "X"

715.36'
S 89°33'39" W
NE 1/4 OF NW 1/4

Proposed
15' Utility
Easement
5.01 ACRES

DRAINAGE
EASEMENT
(SEE DETAIL A)

4
5.01 ACRES

5
5.01 ACRES

6
5.01 ACRES

SE 1/4 OF NW 1/4

7
5.09 ACRES

8
5.54 ACRES

DRAINAGE EASEMENT
(SEE DETAIL C)

1451.69'

1328.81'
S 89°15'00" W

PRM
CMS
LB 7042

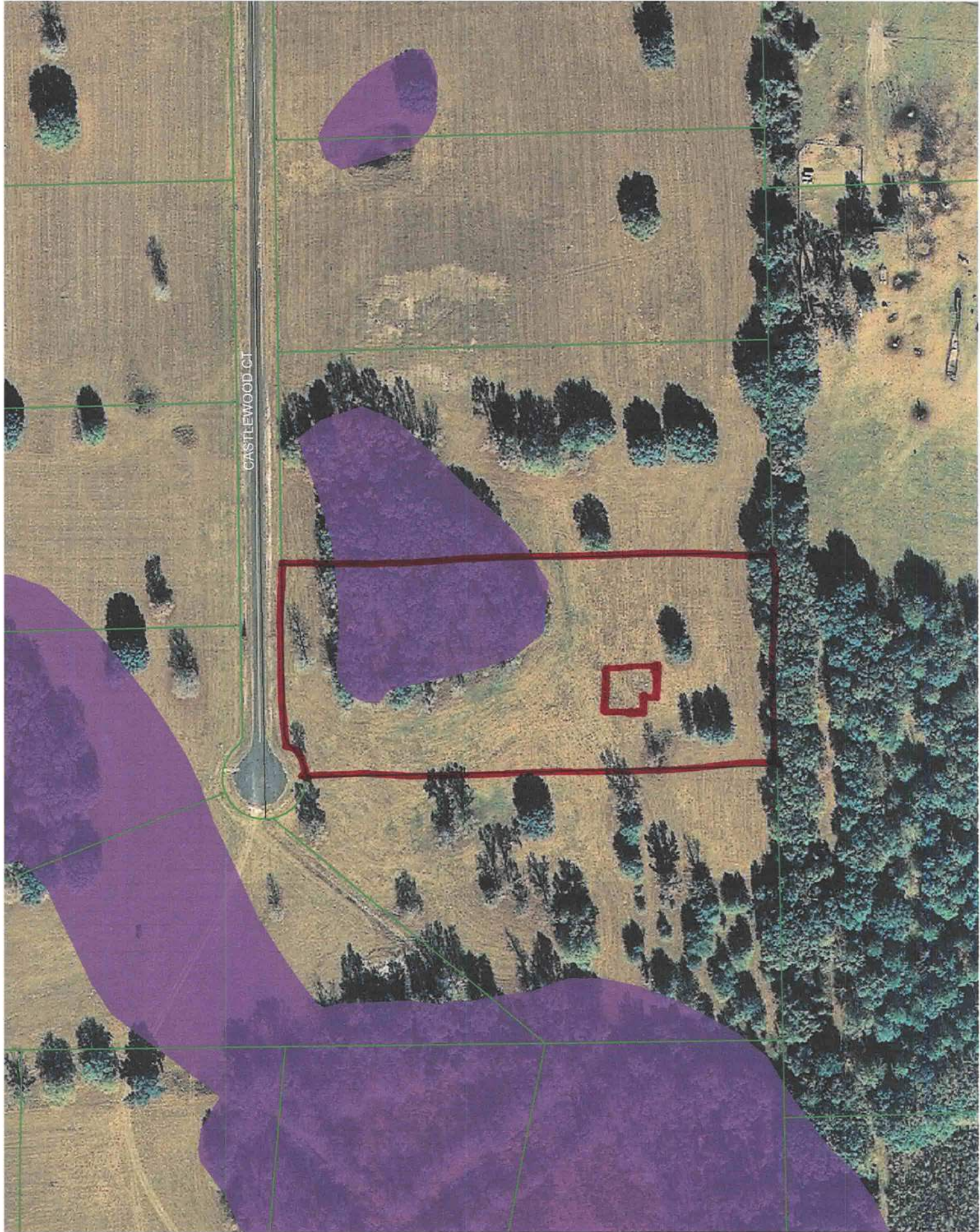
OWNER: BONNIE & DONALD HUNT

IPF
NO ID.
2.5'W,

CMS
LB 7042

Scale
1"=200'

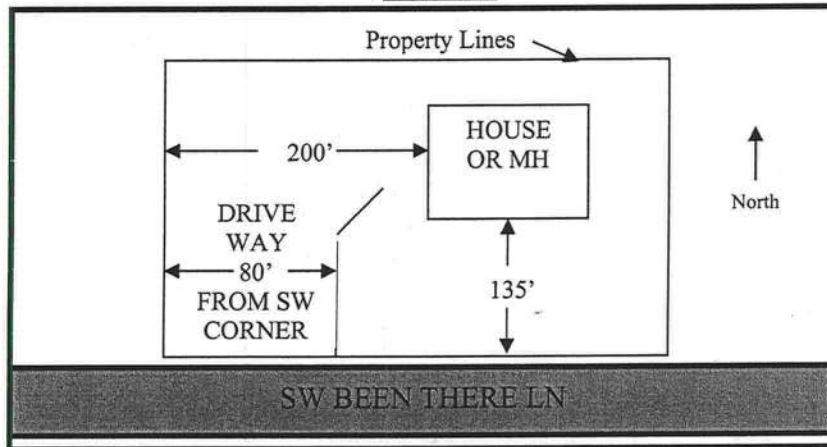
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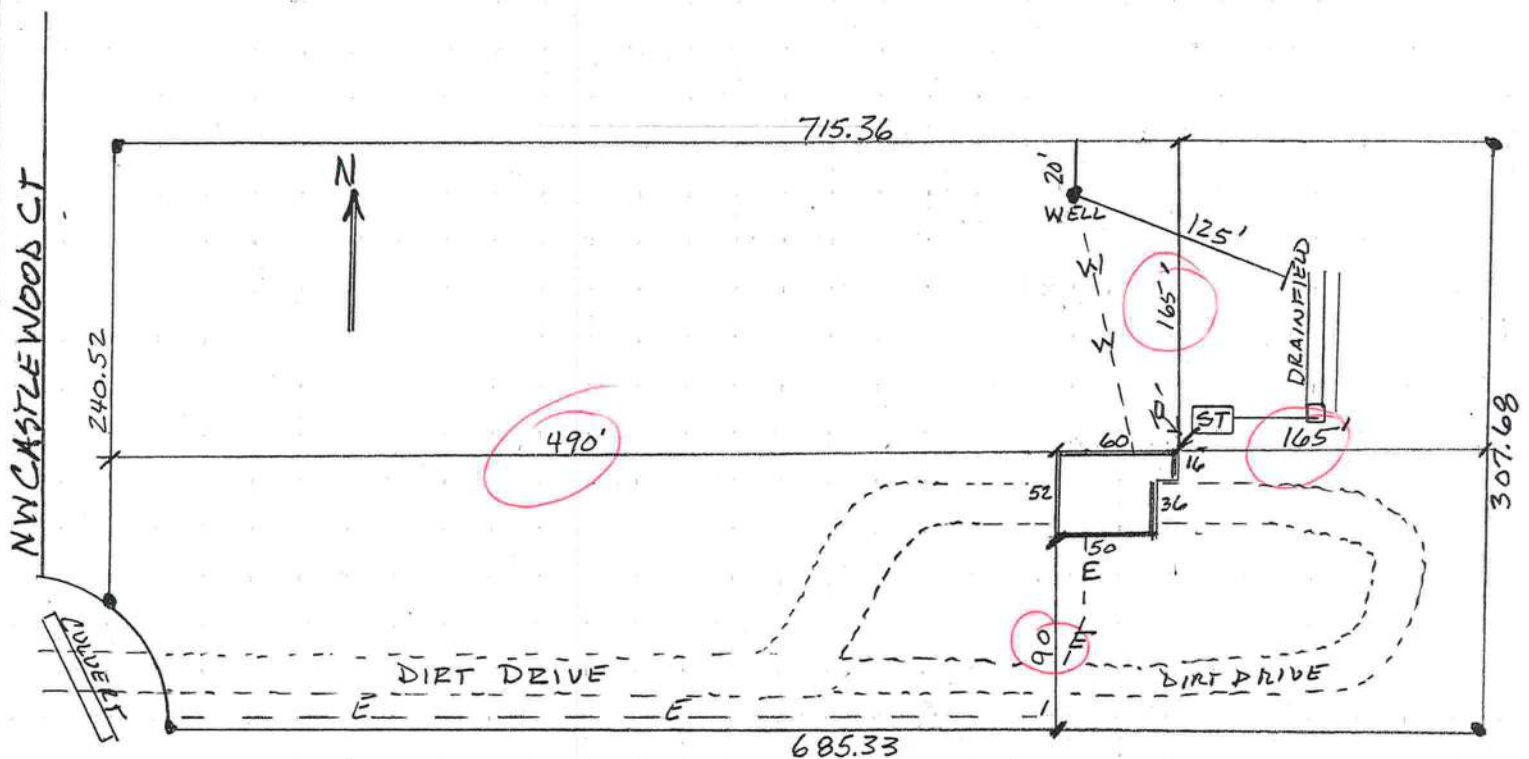
1203-06

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:

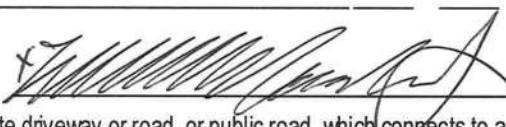


Columbia County Building Department Culvert Permit

Culvert Permit No.
000001932

DATE 03/13/2012 PARCEL ID # 29-2S-16-01777-106
APPLICANT WM. M. MARABLE, JR PHONE 386-364-7722
ADDRESS 11973 SE CR 132 JASPER FL 32052
OWNER MARY NANNY PHONE 321-505-2562
ADDRESS 509 NW CASTLEWOOD CT LAKE CITY FL 32055
CONTRACTOR WM. M. MARABLE, JR PHONE 386-364-7722
LOCATION OF PROPERTY 441 N, L SUWANNEE VALLEY RD, L CASTLEWOOD CT (S.V. FARMS SIGN),
AT THE CUL-DE-SAC ON THE LEFT
SUBDIVISION/LOT/BLOCK/PHASE/UNIT SUWANNEE VALLEY FARM 6 1

INSTALLATION INFORMATION

SIGNATURE 

- (A) A culvert shall be required to be installed as part of any newly constructed private driveway or road, or public road, which connects to a county road in Columbia County. Culvert installation for residential use shall require a permit issued by the Building and Zoning Department. Prior to any culvert permit being issued, an inspection by the Public Works Department shall be required to determine the proper size, length, and location for installation. Culvert installation for commercial, industrial, and other uses shall conform to the approved site plan or to the specifications of a registered engineer. Joint use culverts will comply with Florida Department of Transportation specifications.
- (B) The culvert shall comply and be installed in accordance with Columbia County Land Development Regulation, Access Control: Section 4.2.3 standards. Proper installation of the culvert shall be verified by a final inspection performed by the Public Works Department.
- (C) All culverts required by this policy shall be installed prior to the Building Department granting permission to connect permanent electrical service to the facility or facilities being serviced by newly constructed private driveway or road. In cases where no electrical service exists, installation shall be completed prior to final inspection approval.
- (D) Mitered-end culverts shall be used in the following applications:
(1) When the culvert is to be placed giving access to a paved street.; (2) When the road is contained within a subdivision (recorded or unrecorded) that has not reached a "build out" of fifty percent (50%) or more.; (3) In all new subdivisions for residential use. New subdivisions shall be required as part of the final plat to specify culvert diameter and length.; (4) When the predominant use already established by the use of mitered-end culverts period.

- ☐ Culvert installation shall conform to the approved site plan standards.
- ☐ Department of Transportation Permit installation approved standards.
- ☒ Shall conform to Public Works Determinations as Stated Below:

P W Inspectors Name: _____ Date: _____

Final Inspection Date: _____ P W Inspectors Name: _____ Signature: _____

CONTACT FOR REQUIREMENTS AND INSPECTIONS:

PUBLIC WORKS DEPARTMENT

Phone: 386-758-1019

Amount Paid 25.00

Check No. 2818

All Proper Safety Requirements Should Be Followed During The Installation Of The Culvert



COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST REQUIREMENTS

6-25-09

**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

		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.) <u>960</u>			
	Total (Sq. Ft.) under roof <u>2760</u>			

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	IIIII	IIIII	IIIII
		YES	NO	N/A
9	Basic wind speed (3-second gust), miles per hour	✓		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	✓		
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/m ²), to be used for the design of exterior component, cladding materials not specifically 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			✓
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 value of soil Pound Per Square Foot	/		
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 piers			/
41	Girder type, size and spacing to load bearing walls, stem wall and/or piers			/
42	Attachment of joist to girder			/
43	Wind load requirements where applicable			/
44	Show required under-floor crawl space			/

N/A
↓

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 & interior 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

N/A
↓

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 chapter 11 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	☒	☐	☐

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	☒	☐	☐
83	Reservoir pressure tank gallon capacity	☒	☐	☐
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
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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 911 address 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 of 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

Compliance with Method B Chapter 6 of the Florida Energy Efficiency Code may be demonstrated by the use of Form 600B for single and multifamily residences of 3 stories or less in height, and additions to existing residential buildings. To comply, a building must meet or exceed all of the energy efficiency prescriptives in any one of the prescriptive component packages and comply with the prescriptive measures listed in Table 6B-1 of this form. An alternative method is provided for additions of 600 square feet or less by use of Form 600C. If a building does not comply with this method, it may still comply under other sections in Chapter 6 of the Code.

PROJECT NAME: AND ADDRESS:	<u>NANNY RESIDENCE</u> <u>CASTLEWOOD CT</u> <u>LAKE CITY, FL</u>	BUILDER: PERMITTING OFFICE:	CLIMATE ZONE: 1 ☐ 2 ☐ 3 ☐
OWNER:	<u>MARY O. NANNY</u>	PERMIT NO.	JURISDICTION NO.:

GENERAL DIRECTIONS

1. New construction including additions which incorporates any of the following features cannot comply using this method: steel stud walls, single assembly roof/ceiling construction, or skylights or other non-vertical roof glass.
2. Choose one of the component packages "A" through "E" from Table 6B-1 by which you intend to comply with the Code. Circle the column of the package you have chosen.
3. Fill in all the applicable spaces of the "To Be Installed" column on Table 6B-1 with the information requested. All "To Be Installed" values must be equal to or more efficient than the required levels.
4. Complete page 1 based on the "To Be Installed" column information.
5. Read "Minimum Requirements for All Packages", Table 6B-2 and check each box to indicate your intent to comply with all applicable items.
6. Read, sign and date the "Prepared By" certification statement at the bottom of page 1. The owner or owner's agent must also sign and date the form.

1. Compliance package chosen (A-F)
2. New construction or addition
3. Single family detached or Multifamily attached
4. If Multifamily—No. of units covered by this submission
5. Is this a worst case? (yes / no)
6. Conditioned floor area (sq. ft.)
7. Predominant eave overhang (ft.)
8. Glass type and area :
 - a. Clear glass
 - b. Tint, film or solar screen
9. Percentage of glass to floor area
10. 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)
11. 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)
12. Ceiling type, area and insulation:
 - a. Under attic (Insulation R-value)
 - b. Single assembly (Insulation R-value)
13. Air Distribution System: Duct insulation, location
Test report (attach if required)
14. Cooling system
(Types: central, room unit, package terminal A.C., gas, none)
15. Heating system:
(Types: heat pump, elec. strip, nat. gas, L.P. gas, gas h.p., room or PTAC, none)
16. Hot water system:
(Types: elec., nat. gas, L.P. gas, solar, heat rec., ded. heat pump, other, none)

Please Print

CK

1.	<u>A</u>	
2.	<u>NEW</u>	
3.	<u>SGL</u>	
4.	<u>—</u>	
5.	<u>NO</u>	
6.	<u>960 SF</u>	
7.	<u>1'4"</u>	
	Single Pane	Double Pane
8a.	_____ sq. ft.	<u>144</u> sq. ft.
8b.	_____ sq. ft.	_____ sq. ft.
9.	<u>15</u> %	
10a.	R= <u>0</u>	<u>152</u> lin. ft.
10b.	R= _____	_____ sq. ft.
10c.	R= _____	_____ sq. ft.
10d.	R= _____	_____ sq. ft.
10e.	R= _____	_____ sq. ft.
11a-1	R= _____	_____ sq. ft.
11a-2	R= <u>19</u>	<u>1368</u> sq. ft.
11b-1	R= _____	_____ sq. ft.
11b-2	R= _____	_____ sq. ft.
12a.	R= <u>30</u>	<u>960</u> sq. ft.
12b.	R= _____	_____ sq. ft.
13.	R= <u>6</u>	<u>FGL</u>
14a.	Type: <u>CENTRAL</u>	
14b.	SEER/EEER: <u>12.0</u>	
14c.	Capacity: <u>2T</u>	
15a.	Type: <u>HEAT PUMP</u>	
15b.	HSPF/COP/AFUE: <u>7.0</u>	
15c.	Capacity: <u>10KW</u>	
16a.	Type: <u>ELECT</u>	
16b.	EF: <u>.88</u>	

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

PREPARED BY: [Signature] DATE: 2/29/12

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

OWNER AGENT: [Signature] DATE: 2/29/12

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 553.608, F.S.

BUILDING OFFICIAL: _____

DATE: _____

TABLE 6B-1

MINIMUM REQUIREMENTS

Climate Zones 1 2 3

COMPONENTS		PACKAGES FOR NEW CONSTRUCTION				
GLASS	Max % of glass to Floor Area	A	B	C	D	E
	Type	15%	15%	20%	20%	25%
	Overhang	Double Clear (DC)	Double Clear (DC)	Double Clear (DC)	Double Clear (DC)	Double Tint (DT)
WALLS	Masonry	1'4"	2'	2'	2'	2'
	Wood Frame	EXTERIOR AND ADJACENT MASONRY WALLS R-5 COMMON MASONRY WALLS R-3 EACH SIDE.				
CEILING		EXTERIOR, ADJACENT, AND COMMON WOOD FRAME WALLS R-11				
FLOORS	Slab-On-Grade	R-30	R-30	R-30	R-30	R-30
	Raised Wood	(NO SINGLE ASSEMBLY CEILINGS ALLOWED)				
	Raised Concrete	R-0				
DUCTS		R-19 (ONLY STEM WALL CONSTRUCTION ALLOWED EXCEPT PACKAGE C)				
SPACE COOLING (SEER)		R-7				
HEAT	Elect. (HSPF)	R-6	R-6	R-6, TESTED	R-6	R-6, TESTED
	Gas/Oil (AFUE)	12.0	10.5	12.0	11.0	12.0
HOT WATER SYSTEM	Electric Resistance**	7.9	7.1	7.4	7.4	7.4
	Gas & Oil **	MINIMUM OF .73 (Direct heating) or .78 (Central)				
	Other	EF .88	NOT ALLOWED (SEE BELOW)	EF .91	NOT ALLOWED (SEE BELOW)	EF .91
HOT WATER SYSTEM		MINIMUM EF OF .54				
HOT WATER SYSTEM		NATURAL GAS ONLY (SEE BELOW)				
HOT WATER SYSTEM		Any of the following are allowed: dedicated heat pump, heat recovery unit or solar system.				

* Single package units minimum SEER=9.7, HSPF=6.6.

* Minimum efficiencies for gas and electric hot water systems apply to 40 gallon water heaters. Refer to Table 6-12 for minimum Code efficiencies for oil water heaters and other sizes.

DESCRIPTION OF BUILDING COMPONENTS LISTED

Percent of Glass to Floor Area: This percentage is calculated by dividing the total of all glass areas by the total conditioned floor area.

Overhang: The overhang is the distance the roof or soffit projects out horizontally from the face of the glass. All glass areas shall be under an overhang of at least the prescribed length with the following exceptions:

1) glass on the gabled ends of a house and 2) the glass in the lower stories of a multi-story house.

Wall, Ceiling and Floor Insulation Values: The R-values indicated represent the minimum acceptable insulation level added to the structural components of the wall, ceiling or floor. The R-value of the structural building materials shall not be included in this calculation. "Common" components are those separating conditioned tenancies in a multifamily building. "Adjacent" components separate conditioned spaces from unconditioned but enclosed space.

"Exterior" components separate conditioned space from unconditioned and unenclosed space.

Floor: Slab-on-grade floors without edge insulation are acceptable. Raised wood floors shall have continuous stem walls with insulation placed on the stem wall or under the floor except Package C.

Ducts: "TESTED" shall mean the ducts have less than 5% leakage based on a certified test report by a State-approved tester.

Space Cooling System: Cooling systems shall have a Seasonal Energy Efficiency Ratio (SEER) for central units or Energy Efficiency Ratio (EER) for room units or PTAC's equal to or greater than the prescribed value.

Electric Space Heating Option: Heat pump systems shall be rated with a Heating Seasonal Performance Factor (HSPF) equal to or greater than the prescribed HSPF. Heat pump systems may contain electric strip backups meeting the criteria of section 608.1.ABC.3.2.1.2. No electric resistance space heat is allowed for these packages.

Electric Resistance Hot Water Option: For packages designated "Not Allowed", an electric resistance hot water system may be installed only in conjunction with one of the "Other Hot Water System Options". See below.

Other Hot Water System Options: Any dedicated heat pump, heat recovery unit, or solar hot water system may be installed. Solar systems must have an EF of 1.5 or higher. Electric resistance systems having an EF of .88 or greater, or natural gas systems with EF .54 or greater may be used in conjunction with these systems.

TO BE INSTALLED	
A	
15 %	
DC: ☒	DT: ☐
1'4" FEET	
EXT: R =	
ADJ: R =	
COM: R =	
EXT: R =	19
ADJ: R =	
COM: R =	
UNDER ATTIC: R =	30
COMMON: R =	
R =	0
R =	
R =	
R =	6 COND. ☐
SEER =	12.
COP =	7.0
AFUE =	
EF =	.88
EF =	
DHP: ☐	EF =
HRU: ☐	
SOLAR: ☐	EF =

TABLE 6B-2 MINIMUM REQUIREMENTS FOR ALL PACKAGES

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Exterior Joints & Cracks	606.1	To be caulked, gasketed, weather-stripped or otherwise sealed.	X
Exterior Windows & Doors	606.1	Max .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	X
Sole & Top Plates	606.1	Sole plates and penetrations through top plates of exterior walls must be sealed.	X
Recessed Lighting	606.1	Type IC rated with no penetrations (two alternatives allowed).	X
Multi-story Houses	606.1	Air barrier on perimeter of floor cavity between floors.	
Exhaust Fans	606.1	Exhaust fans vented to unconditioned space shall have dampers, except for combustion devices with integral exhaust ductwork.	X
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required for vertical pipe risers.	X
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have minimum thermal efficiency of 78%.	
Hot Water Pipes	612.1	Insulation is required for hot water circulating systems (including heat recovery units).	X
Shower Heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	X
HVAC Duct Construction, Insulation & Installation	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section 610.1. Ducts in attics must be insulated to a minimum of R-6.	X
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	X

ab

In Sto
FREE :
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Bora Care Termiticide, Insecticide, Fungicide Concentrate For Wood Treat


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Termite Control Pages:

Termite Treatments and Products:

What is Bora Care?

Bora-Care is a low toxicity wood preservative that has a low e protects wood and whole structures from most wood destroyi

Kills Subterranean termites, Formosan termites, Dry destroying beetles, carpenter ants, and wood decay t

The active ingredient is the natural borate salt and micronutrie tetrahydrate (DOT). It's a fancy way to say "DOT", Bora-Care simply stated, Bora-Care is a combination of the naturally four patented mixture of glycol-based components that easily abso of wood and draw the borates with it. And since borates don't protection from termites and their ability to tube over wood an life of the wood. In addition, this patented product provides yo solution. And that means that Bora-Care can be used with cor homes, apartments, schools, hospitals, kennels, farm building non-food areas of supermarkets, restaurants and food proces



Add To Cart

DOT is a natural form of elemental boron, which is essential f plants and believed important in human calcium metabolism. humans simply take what they need from their diet and rapidly the kidneys, DOT has a low acute toxicity and Bora-Care is al sodium chloride or table salt (in a laboratory setting), but it's v insects and fungi that do not have the same excretion mecha the solubility, the rate of dissolution and the boric oxide conte ingredient far superior to traditional boric acid or borax. At the applications, it prevents pest infestation by inhibiting pest met basis.

Bora-Care's enhanced borate salt combined with a patented polyalkylene diols provide superior penetration and improved borester compounds have superior penetration into dry wood take place at a lower wood moisture content than if the active occurring at above 15% moisture content. But more important higher efficacy against wood destroying organisms, especially and drywood termites. As a result, Bora-Care is the only bora registered as a primary termite pretreatment in new constructi the best remedial treatment against drywood termites.

How Does Bora-Care Work?

The active ingredient in Bora-Care is a borate salt. Borate salt advantage of a unique feature in the biology of termites, ants ingested by ants, beetles or termites, the insect becomes una from its food and starves to death. And because of this unique cannot develop a resistance, ever. Bora-Care works differentl insecticides, termiticides and even other borate products on tl starters, it isn't applied to the soil but to the structure itself. Se repellent or a bait but a little bit of each. Bora-Care's unique p in combination with a borate salt provides results that are har beetles and ants attempt to consume treated wood they die. S won't even try to eat treated wood and if they attempt to build the termites start to die. This alerts the termite colony and the

Bora-Care Treats The Wood, Not The Soil.

Bora-Care is applied directly onto wood surfaces. Bora-Care 1 protecting it throughout. Because the active ingredient in Bora doesn't break down over time, so it remains in the wood for th providing long-term protection. By keeping the wood sealed o as in the wall voids of a structure, you eliminate the need for r treatments are not only more difficult to apply; they lose their Then a costly re-treatment becomes necessary. Unlike soil tre not pumped into the ground and poses no threat to lakes, rive environment. Bora-Care can even be used on lakeside home: may be prohibited. Bora-Care's active ingredient is a natural r Disodium Octaborate Tetrahydrate (DOT) which contains the an element (chemical symbol B) on the periodic table that is a environment – not only in the ecosystems outside of your hon the products you use inside such as soaps and cosmetics. Bc of the vegetables we eat.

How Long Does Bora-Care Last ?

Twelve years of efficacy studies and treatments in the field sir Bora-Care's ability to prevent termites and other wood-destro: consuming wood or tubing over treated wood to reach untreat

simply eliminates wood as a food source. In addition, hundreds of studies have confirmed the effectiveness of borates as a preservative, including studies confirming its wood-protecting power.

Bora-Care Is Up To The Building Codes

In addition to EPA registration, Bora-Care wood treatments are approved for use under the 2006 International Residential Code, Section 703.2.1 Against Subterranean Termites. Only Bora-Care's EPA-registered wood preservative used on wood as a stand-alone two-foot barrier termite pretreatment meets the sill plate end-cut requirements set by building code. Bora-Care is also approved by the Wood-Preservers' Association (AWPA M4).

12/25 BoraShield Warranty

The new BoraShield 12-25 warranty offers coverage to registered pest control companies on five levels. The first level is a subterranean termite warranty for Bora-Care applications. In Levels 2 and 3, the warranty extends to cover treatments covering drywood termites, wood destroying insects. Level 4 applies to coverage against mold when using Bora-Care with Mold-Care. Level 5 combines the coverage of Levels 3 and 4 for complete whole house coverage.

For registered pest control companies registered under the warranty, Levels 1-3 cover product replacement, labor and damage for a period of 12 years. The mold protection in Levels 4 and 5 covers for 25 years.

Level One: Subterranean Termite Pretreatment • Coverage against subterranean termites for a 1+1 (one part Bora-Care to one part water) dilution. Includes a two-foot band termite pretreatment barrier.

Level Two: Whole House Drywood Pretreatment • Includes whole house pretreatment using a 1+5 dilution of water and Bora-Care, covers wood destroying beetles, carpenter ants and fungal decay.

Level Three: Combination Pretreatment • Combines the coverage of Level One and Two for unprecedented warranty protection.

Level Four: Whole House Pretreatment with Mold-Care® • Provides 12 year product replacement warranty on mold, and is offered to companies participating in the Mold-Care program and are treating homes with Mold-Care.

Level Five: Total Whole House Pretreatment • Combines the coverage of Levels One through Four. Delivers whole house coverage as described above for subterranean termites, wood destroying insects, decay fungi and mold with Bora-Care in a two-foot perimeter pretreatment barrier plus Mold-Care with Mold-Care in a whole house pretreatment.

How To Apply Bora-Care

Simply mix Bora-Care in water and liberally apply to wood with a roller to the point of runoff. 1 gallon of Bora Care will mix 1:1 with water and treat up to 800 Sq. Ft. of wood.

For the prevention and control of: Termites, Carpenter Ants, and Decay Fungi. For both interior and exterior use. For use in an Apartments, Garages, Museums, Public and Private Institutions, Hospitals, Kennels, Stables, Farm Buildings, Trucks, Trailers, Supermarkets, Restaurants, and Food Processing Plants.

Authorized by the USDA for use on Non-Food Contact Surface Areas of Official Establishments Operating under the Meat, Poultry, and Egg Products Inspection Programs.

ACTIVE INGREDIENT:

Disodium Octaborate Tetrahydrate.....40%

EPA Reg. No. 64405-1



Bora Care Label



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Termite Treatments and Products: 

Pest Control Pages:

Pest Treatments and Products: 

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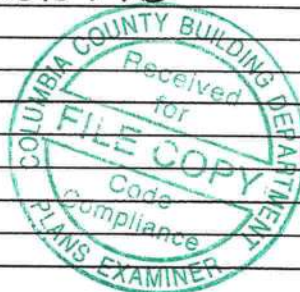
PRODUCT APPROVAL SPECIFICATION SHEET

LOT 6, SUWANNEE VALLEY FARMS SUBD.
Location: LAKE CITY, FL.

Project Name: NANNY APT/GARAGE

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

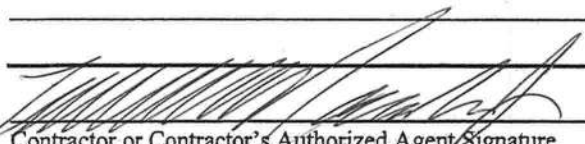
Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	MASONITE	WOOD EDGE METAL UNITS	4334.1
2. Sliding			
3. Sectional	CHI	O.N. DOOR	10474.1
4. Roll up	AFTA DOOR	METAL ROLL-UP	8888
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung			
2. Horizontal Slider	YKK AP	STYLEVIEW VINYL	14595
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	NICHIA USA	FIBER CEMENT	12098.1
2. Soffits	KAYLAN	VINYL - VENTED/NON VENTED	12198.1
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	TAMKO	15# FELT	12328.6
3. Roofing Fasteners			
4. Non-structural Metal Rf	UNION	29 GA. MASTER RIB	4586.3
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			
1. Wood connector/anchor	SIMPSON	ALL THREAD ANCHOR	2355
2. Truss plates	ALPINE	TRUSS PLATE	1999
3. Engineered lumber			
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
 SUNANDEE VALLEY FARMS
 Location

WM.M. MARABLE, JR 2/29/12
 Print Name Date

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:1UIW215-Z0320150924



Truss Fabricator: W.B. Howland
Job Identification: 7517B-/NANNY RESIDENCE /MATT MARABLE -- White Springs, FL
Truss Count: 7
Model Code: Florida Building Code 2007 and 2009 Supplement
Truss Criteria: FBC2007Res/TPI-2002(STD)
Engineering Software: Alpine Software, Version 10.02.
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:

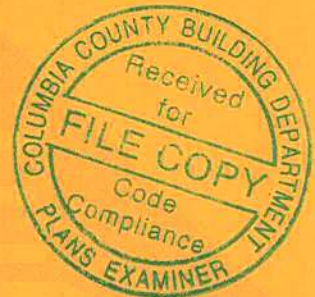
1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown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

William H. Krick
-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

Details: A1101505-GBLLETIN-BRCLBSUB-PB120-

#	Ref	Description	Drawing#	Date
1	50039--A1		12020007	01/20/12
2	50040--A2		12020008	01/20/12
3	50041--A3		12020009	01/20/12
4	50042--B1		12020010	01/20/12
5	50043--B2		12020011	01/20/12
6	50044--PB		12020012	01/20/12
7	50045--P1		12020013	01/20/12



Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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

Calculated horizontal deflection is 0.15" due to live load and 0.11" due to dead load.

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

Gable end supports 8" max rake overhang.

See DWGS A11015050109 & GBLLETIN0109 for more requirements.

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

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

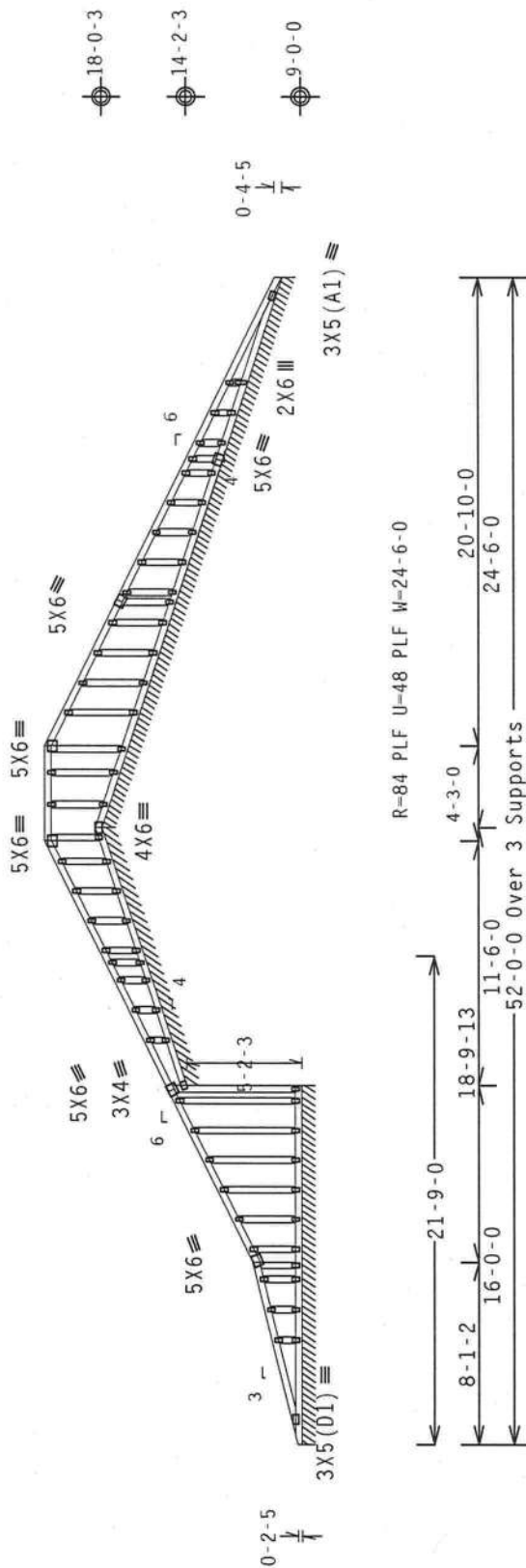
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

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

WARNING: Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Shim all supports to solid bearing.

The overall height of this truss excluding overhang is 11-7-8.



R=72 P1F U-46 P1F W-16-0-0

R=82 PLF RW=83 PLF U=36 PLF W=11-6-0

Note: All Plates Are 2X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)

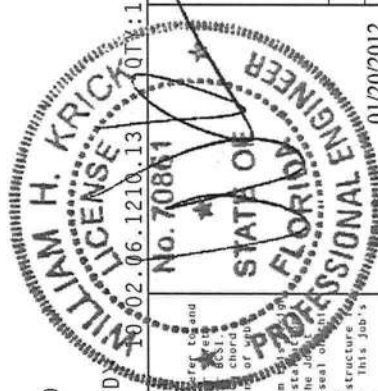
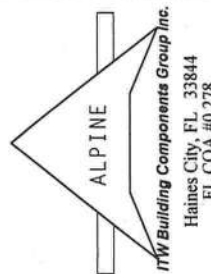
PLT TYP. Wave

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

IMPORTANT**

Design Office: 10260085 / 10260085
FT/RT=20%(0%) / 10(0)

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. The following instructions are intended to assist the contractor in the proper erection of the trusses. After performing these functions, installers shall provide temporary bracing and bracing practices as noted otherwise. Top chord shall have properly attached sheathing and bottom chord shall have a properly attached rib ceiling. Trusses shown for permanent lateral restraint shall have bracing installed per RCSS sections 83, 87 or 810, as applicable.

[illegible]

Scale = .125"/Ft.
REF R215-- 50039
DATE 01/20/12
DRW HCUSR215 12020007
HC-ENG SSB/AP
SEQN- 325360
FROM CDM
JREF- 1U1W215_Z03

(I) - plates so marked were sized using a Fabrication Tolerance of 0% and a Rotational Tolerance of 0 degrees.

	SP #2	SP #2	N	:T4	2x6	SP	SS:
Top chord	2x6	SP #2	N	:	T4	2x6	SP SS:
Bot chord	2x4	SP #2	N	:	B3,	B4	2x4 SP SS:
webs	2x4	SP #2	N				

roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.37" due to live load and 0.36" due to dead load.

(a) Continuous lateral bracing equally spaced on member.

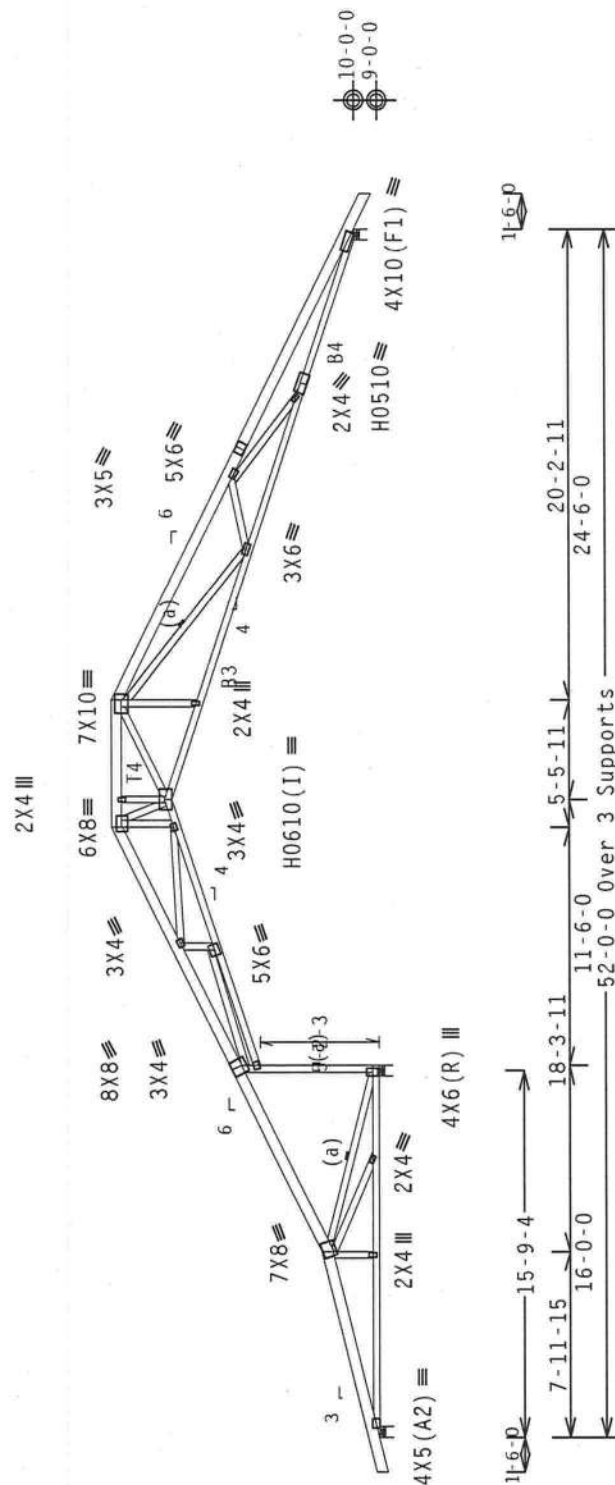
Bottom chord checked for 10.00 psf non-concurrent live load.

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

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

Shim all supports to solid bearing.

The overall height of this truss excluding overhang is 11-7-12.



R-661 U=232 W=5.5"
RL=421/-374

R=2168 U=499 W=5.5"

PLT TYP. 20 Gauge HS, Wave

Design Crit: FBC2007Res/TPI-2002(STD
FT/RT=20%(0%)/10(0)

Scale = .125"/Ft.

FL/-/5/-/-/R/-/-

IC LL	20.0	PSF	REF	R215--	50040
TC DL	10.0	PSF	DATE	01/20/12	
BC DL	10.0	PSF	DRW	HCUSR215	12020008
BC LL	0.0	PSF	HC-ENG	SSB/AP	
TOT.LD.	40.0	PSF	SEQN-	325293	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1U1W215_Z03	

01/20/2012

FLORIDA
STATE OF
No. 70861
PROFESSIONAL ENGINEER

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

IMPORTANT
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI Building Component Safety Information, by TPI and BCSI, for all details and bracing practices prior to performing these functions. Installers shall provide temporary bracing to all trusses until they are permanently braced. Trusses are not to be used as a crane support. Trusses are not to be used as a permanent right of way support. Trusses shall be installed per the details and bracing shown for permanent lateral restraint. Trusses shall be braced installed per BCSI sections B3, B7 or B10, as applicable.

The Building Components Group Inc. (UBCGBI) shall not be responsible for any deviation from the design shown. The contractor shall be responsible for building the truss in accordance with ANSI/APA 100-Z for handling, shipping, installation and bracing of trusses. Apply plates to each face of truss and position as shown above and on the details. Trusses shall be installed per the details and bracing shown. Refer to drawings 160A-Z for standard plate positions. A. The contractor shall be responsible for obtaining acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any other application is the responsibility of the user. The responsibility of the Building Designer per ANSI/APA 100-Z Sec.2. For more information see: General notes page: 1N-800; 1N-800-1; 1N-800-2; 1N-800-3; 1N-800-4; 1N-800-5; 1N-800-6; 1N-800-7; 1N-800-8; 1N-800-9; 1N-800-10; 1N-800-11; 1N-800-12; 1N-800-13; 1N-800-14; 1N-800-15; 1N-800-16; 1N-800-17; 1N-800-18; 1N-800-19; 1N-800-20; 1N-800-21; 1N-800-22; 1N-800-23; 1N-800-24; 1N-800-25; 1N-800-26; 1N-800-27; 1N-800-28; 1N-800-29; 1N-800-30; 1N-800-31; 1N-800-32; 1N-800-33; 1N-800-34; 1N-800-35; 1N-800-36; 1N-800-37; 1N-800-38; 1N-800-39; 1N-800-40; 1N-800-41; 1N-800-42; 1N-800-43; 1N-800-44; 1N-800-45; 1N-800-46; 1N-800-47; 1N-800-48; 1N-800-49; 1N-800-50; 1N-800-51; 1N-800-52; 1N-800-53; 1N-800-54; 1N-800-55; 1N-800-56; 1N-800-57; 1N-800-58; 1N-800-59; 1N-800-60; 1N-800-61; 1N-800-62; 1N-800-63; 1N-800-64; 1N-800-65; 1N-800-66; 1N-800-67; 1N-800-68; 1N-800-69; 1N-800-70; 1N-800-71; 1N-800-72; 1N-800-73; 1N-800-74; 1N-800-75; 1N-800-76; 1N-800-77; 1N-800-78; 1N-800-79; 1N-800-80; 1N-800-81; 1N-800-82; 1N-800-83; 1N-800-84; 1N-800-85; 1N-800-86; 1N-800-87; 1N-800-88; 1N-800-89; 1N-800-90; 1N-800-91; 1N-800-92; 1N-800-93; 1N-800-94; 1N-800-95; 1N-800-96; 1N-800-97; 1N-800-98; 1N-800-99; 1N-800-100; 1N-800-101; 1N-800-102; 1N-800-103; 1N-800-104; 1N-800-105; 1N-800-106; 1N-800-107; 1N-800-108; 1N-800-109; 1N-800-110; 1N-800-111; 1N-800-112; 1N-800-113; 1N-800-114; 1N-800-115; 1N-800-116; 1N-800-117; 1N-800-118; 1N-800-119; 1N-800-120; 1N-800-121; 1N-800-122; 1N-800-123; 1N-800-124; 1N-800-125; 1N-800-126; 1N-800-127; 1N-800-128; 1N-800-129; 1N-800-130; 1N-800-131; 1N-800-132; 1N-800-133; 1N-800-134; 1N-800-135; 1N-800-136; 1N-800-137; 1N-800-138; 1N-800-139; 1N-800-140; 1N-800-141; 1N-800-142; 1N-800-143; 1N-800-144; 1N-800-145; 1N-800-146; 1N-800-147; 1N-800-148; 1N-800-149; 1N-800-150; 1N-800-151; 1N-800-152; 1N-800-153; 1N-800-154; 1N-800-155; 1N-800-156; 1N-800-157; 1N-800-158; 1N-800-159; 1N-800-160; 1N-800-161; 1N-800-162; 1N-800-163; 1N-800-164; 1N-800-165; 1N-800-166; 1N-800-167; 1N-800-168; 1N-800-169; 1N-800-170; 1N-800-171; 1N-800-172; 1N-800-173; 1N-800-174; 1N-800-175; 1N-800-176; 1N-800-177; 1N-800-178; 1N-800-179; 1N-800-180; 1N-800-181; 1N-800-182; 1N-800-183; 1N-800-184; 1N-800-185; 1N-800-186; 1N-800-187; 1N-800-188; 1N-800-189; 1N-800-190; 1N-800-191; 1N-800-192; 1N-800-193; 1N-800-194; 1N-800-195; 1N-800-196; 1N-800-197; 1N-800-198; 1N-800-199; 1N-800-200; 1N-800-201; 1N-800-202; 1N-800-203; 1N-800-204; 1N-800-205; 1N-800-206; 1N-800-207; 1N-800-208; 1N-800-209; 1N-800-210; 1N-800-211; 1N-800-212; 1N-800-213; 1N-800-214; 1N-800-215; 1N-800-216; 1N-800-217; 1N-800-218; 1N-800-219; 1N-800-220; 1N-800-221; 1N-800-222; 1N-800-223; 1N-800-224; 1N-800-225; 1N-800-226; 1N-800-227; 1N-800-228; 1N-800-229; 1N-800-230; 1N-800-231; 1N-800-232; 1N-800-233; 1N-800-234; 1N-800-235; 1N-800-236; 1N-800-237; 1N-800-238; 1N-800-239; 1N-800-240; 1N-800-241; 1N-800-242; 1N-800-243; 1N-800-244; 1N-800-245; 1N-800-246; 1N-800-247; 1N-800-248; 1N-800-249; 1N-800-250; 1N-800-251; 1N-800-252; 1N-800-253; 1N-800-254; 1N-800-255; 1N-800-256; 1N-800-257; 1N-800-258; 1N-800-259; 1N-800-260; 1N-800-261; 1N-800-262; 1N-800-263; 1N-800-264; 1N-800-265; 1N-800-266; 1N-800-267; 1N-800-268; 1N-800-269; 1N-800-270; 1N-800-271; 1N-800-272; 1N-800-273; 1N-800-274; 1N-800-275; 1N-800-276; 1N-800-277; 1N-800-278; 1N-800-279; 1N-800-280; 1N-800-281; 1N-800-282; 1N-800-283; 1N-800-284; 1N-800-285; 1N-800-286; 1N-800-287; 1N-800-288; 1N-800-289; 1N-800-290; 1N-800-291; 1N-800-292; 1N-800-293; 1N-800-294; 1N-800-295; 1N-800-296; 1N-800-297; 1N-800-298; 1N-800-299; 1N-800-300; 1N-800-301; 1N-800-302; 1N-800-303; 1N-800-304; 1N-800-305; 1N-800-306; 1N-800-307; 1N-800-308; 1N-800-309; 1N-800-310; 1N-800-311; 1N-800-312; 1N-800-313; 1N-800-314; 1N-800-315; 1N-800-316; 1N-800-317; 1N-800-318; 1N-800-319; 1N-800-320; 1N-800-321;



Alpine Building Components Group Inc.
Haines City, FL 33844
Tel. 800.440.7278
Fax 800.440.7278

(75178) -NANNY RESIDENCE /MATT MARABLE -- White Springs, FL - A3)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.13" due to live load and 0.13" due to dead load.

See DWGS A11015050109 & 68LLETIN0109 for more requirements.

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

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

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

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

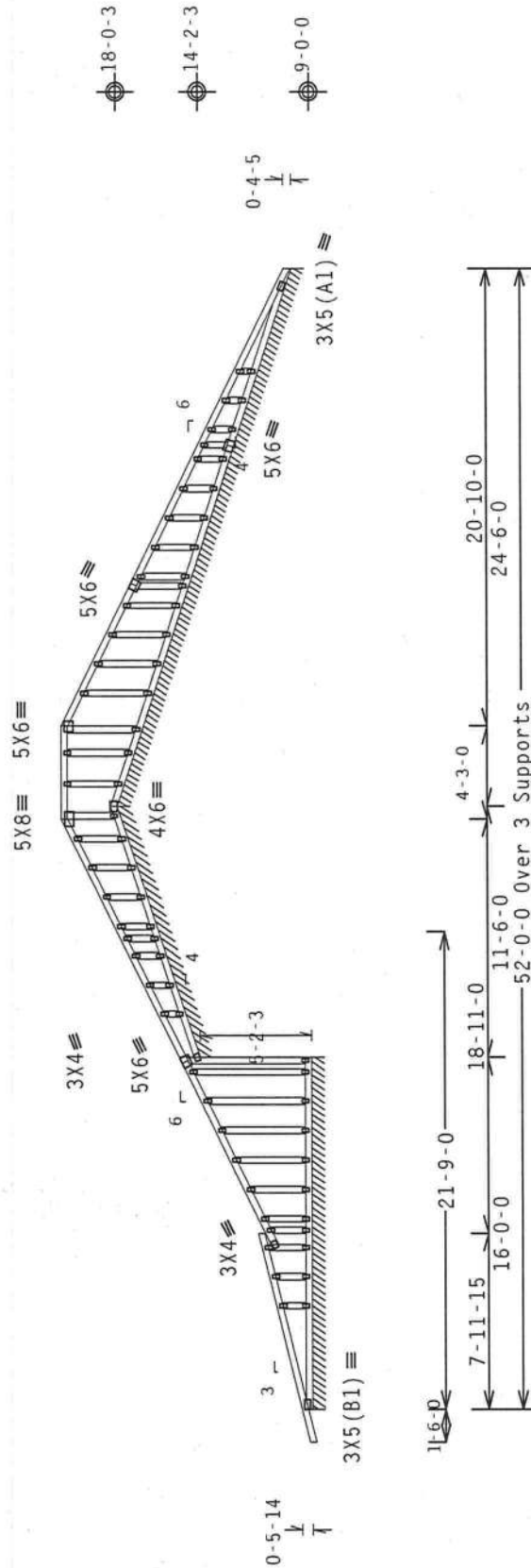
Gable end supports 8" max rake overhang.

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

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

Shim all supports to solid bearing.

The overall height of this truss excluding overhang is 11'-7"-8".



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. Follow the latest edition of BCSI (Building Component Safety Information, by IPI and WICA) practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chords shall be properly braced and secured to the building structure. The building structure shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
IPI Building Components Group Inc. (IPI/BCG) shall not be responsible for any deviation from the design shown. The building structure shall be in accordance with ANSI/TPI 1, or for handling, shipping, installing and bracing of trusses. Apply plates to each face of truss and position as shown above and on the drawing. Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page; IPI-BCG: www.ipecg.com; TPI: www.tpinet.org; WICA: www.bcsiindustry.com; ICC: www.iccsafe.org

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

Note: All Plates Are 2X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)

FT/RT=20%(0%)/10(0)

PLT TYP. Wave

Scale = .125"/Ft.

REF	R215--	50041
DATE	01/20/12	
DRW	HCUSR215	12020009
HC-ENG	SSB/AP	
SEQN-	325406	
FROM	CDM	
JREF-	IUIW215_Z03	

Top chord	2x4	SP	#2 N
Bot chord	2x4	SP	#2 N
Webbs	2x4	SP	#2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, 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.

Gable end supports 8" max rake overhang.

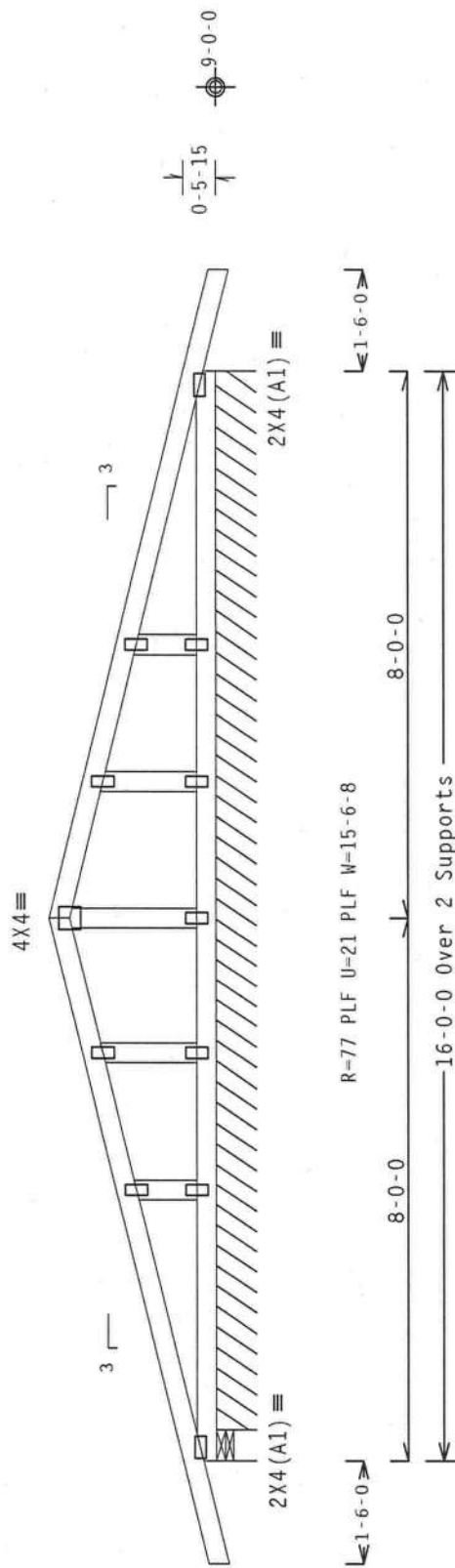
Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 2-5-15.

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

See DWGS A11015050109 & GBLLETIN0109 for more requirements.

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



R=276 U=112 W=5.5"

RL-371-37

Note: All Plates Are 2X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)

Scale = .375" / Ft.

FL/-/5/-/-/R/-/-

06.1210\13 | QTG.1

19.02

$$1.00\% / 10(0)$$
$$/RT=20\% (0$$

FT

Design

Wave

PLT TYP.

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
 CREDIT THIS DESIGN TO ALL CONTRACTORS EMPLOYING INSTALLERS

*****IMPORTANT** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.**

Follow the latest edition of BCSP (Building Component Safety Information, by TPI and NITCA) for safety.

practices prior to performing these functions. Installers shall provide temporary bracing per ACI 308.1. 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 joists unless noted otherwise. Top chord shall have properly attached structural sheathing and blocking.

shall have bracing installed per BSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or construction of the truss if the deviation is caused by any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installation or use.

any failure to build the truss in conformance with paragraph 1, or for manufacturing, shipping, installing, or bracing of trusses. Apply plates to each face of truss and position as shown above and on the following drawing. The plates shall be 160A-2 for standard plate position. A seal on the plate shall be used unless noted otherwise. Refer to drawings 160A-2 for standard plate position. A seal on the plate shall be used unless noted otherwise.

Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on drawing or cover page listing this drawing. Indicates acceptance of professional engineering.

maintaining a cover page tracing this drawing. The responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1, Sec. 2. For more information see: This Job's

the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see:
General notes page; IIN-BCG: www.itbcbg.com; TPI: www.tpinat.org; WICA: www.sbcindustry.com;

610-765-3333
www.icsafe.com

(7517B)-NANNY RESIDENCE /MATT MARABLE -- White Springs, FL - B2)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

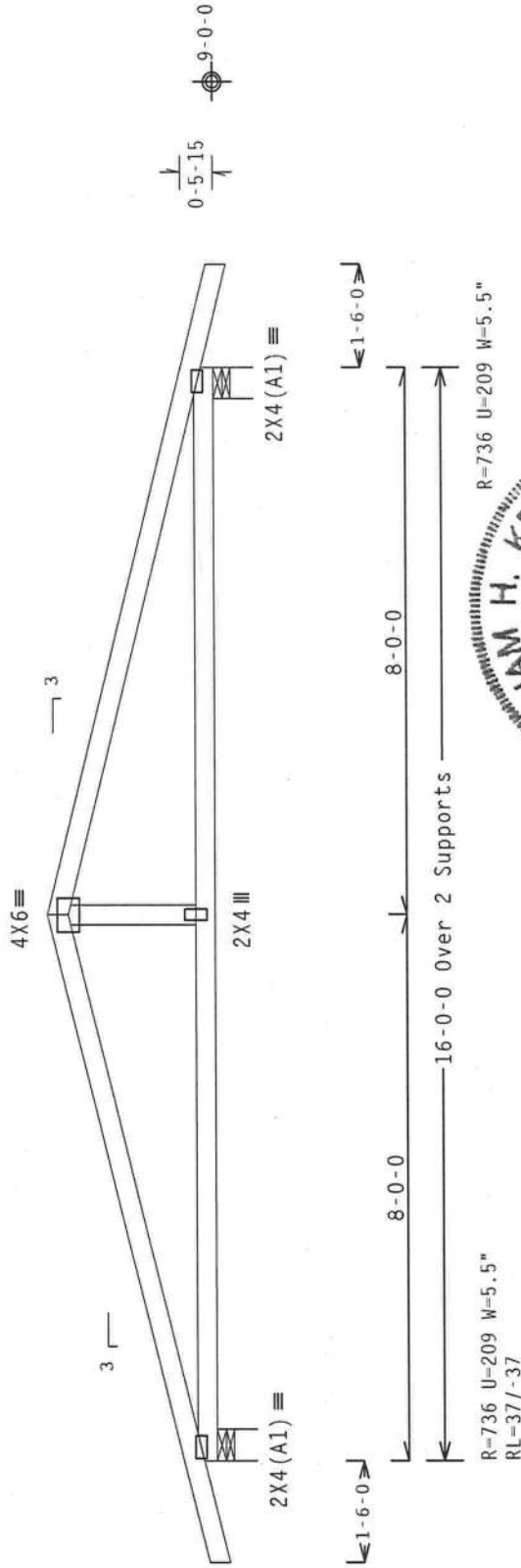
Roof overhang supports 2.00 psf soffit load.

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

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

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

The overall height of this truss excluding overhang is 2-5-15.



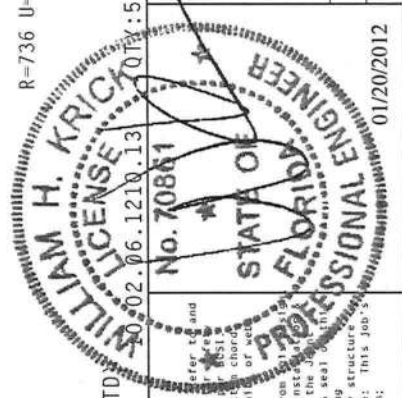
PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (STD)

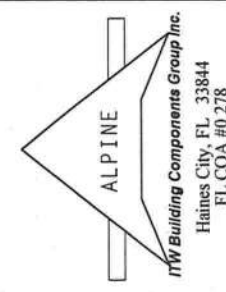
FT/RT=20%(0%)/10(0)

Scale = .375"/Ft.

REF	R215--	50043
DATE	01/20/12	
DRW	HCUSR215	12020011
HC-ENG	SSB/AP	*
SEQN	320637	
FROM	CDM	
JREF	1UIW215_Z03	



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) for practices prior to performing these functions. Installers shall provide temporary bracing for BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections 85, 87 or 810, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, or installation of the truss. Apply plates and bracing to the truss in accordance with the design. Refer to drawings 1608-2 for standard plate positions. A seal in this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WCA: www.wcaindustry.com; ICC: www.iccsafe.org



Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

110 mph wind, 21.34 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpf (+/-)=0.18

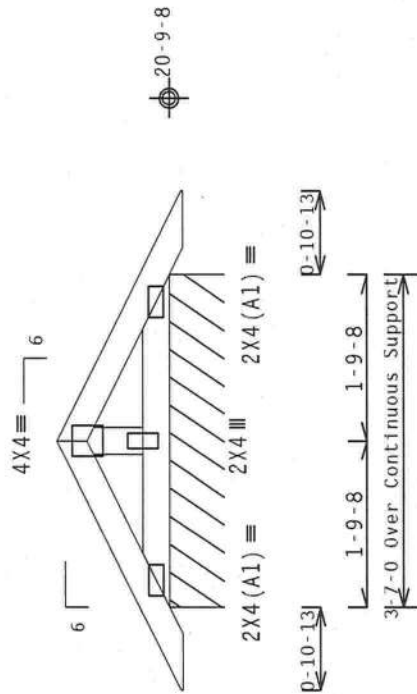
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Deflection meets L/180 live and L/120 total load.

The overall height of this truss excluding overhang is 13-0-3.

Refer to drawing PB1200310 for piggyback detail. Top chord of supporting truss under piggyback to be braced @ 24" O.C., unless otherwise specified.



R=104 PLF U=42 PLF W=3-7-0
RL=13/-13 PLF

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave

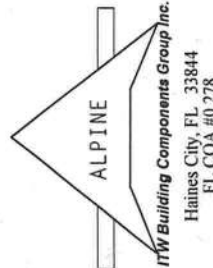
Scale = .5"/Ft.

****WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET!**

****IMPORTANT** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.**

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by IPI and WCA) for safety and bracing practices noted otherwise. Installers shall provide temporary bracing per BCSI. Chord shall have a properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Conditions shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.

The Building Components Group, Inc. (TBG) seal must be responsible for any deviation from the design shown on this drawing. In conjunction with ANSI/TPI for handling, shipping, installation and erection details, unless noted otherwise. Apply plates to each face of truss and position as shown and on the seal. Refer to drawings 1600-2 for standard plate positions. A seal is required for all drawings. Indicate acceptance of professional engineering responsibility and cover page listing this drawing. The suitability and use of this design for any structure is the responsibility of the user. Also, indicate design of seal. Sec 2.0: This job is the property of TBG. Do not reproduce or use in any way without TBG's written permission. TBG: www.tbgroup.com; TPI: www.tpi.net.org; NCA: www.nca-industry.com; ECE: www.ecesafe.org



Haines City, FL 33844
FL COA #0278

01/20/2012

SPACING	24.0"
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JREF- IUIW

JREF- 1UIW215_Z03

(75178-/NANNY RESIDENCE /MATT MARABLE -- White Springs, FL - P1)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Roof overhang supports 2.00 psf soffit load.

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

Deflection meets L/180 live and L/120 total load.

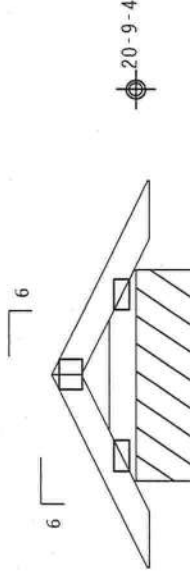
Refer to drawing PB1200310 for piggyback detail. Top chord of supporting truss under piggyback to be braced @ 24" O.C., unless otherwise specified.

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

The overall height of this truss excluding overhang is 12-8-4.

110 mph wind, 21.17 ft mean hgt, ASCE 7-05, CLOSED bldg. Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpl (+/-)=0.18

3X4=



2X4 (A1) = 2X4 (A1) =

10-11-5 10-11-5

1-1-11 1-1-11

2-3-6 Over Continuous Support

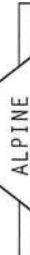
R=117 PLF U=49 PLF W=2-3-6

RL=17/-17 PLF

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=20%(0%)/10(0)

Scale =.5"/Ft.

 ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET **IMPORTANT** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and NITCA) practices prior to performing these functions. Installers shall provide temporary bracing for safety 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 top chord shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the details, unless noted otherwise. Refer to drawings 1000-2 for standard plate positions. A section through the truss shall be made at the location of the design shown. The suitability and use of this design for any structural application is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: ITH-BCG: www.ithbcg.com; TPI: www.tpiast.org; NITCA: www.bcsiindustry.com; ICC: www.iccsafe.org				TC LL	20.0 PSF	REF R215-- 50045
	No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER WILLIAM H. KRICK LICENSE NO. 70861 EXPIRATION DATE 02/06/12 01/20/2012				TC DL	10.0 PSF	DATE 01/20/12
					BC DL	10.0 PSF	DRW HCUSR215 12020013
					BC LL	0.0 PSF	HC-ENG SSB/AP
					TOT.LD.	40.0 PSF	SEQN- 325364
					DUR.FAC.	1.25	FROM CDM
				SPACING	24.0"	JREF- 1UIW215_Z03	

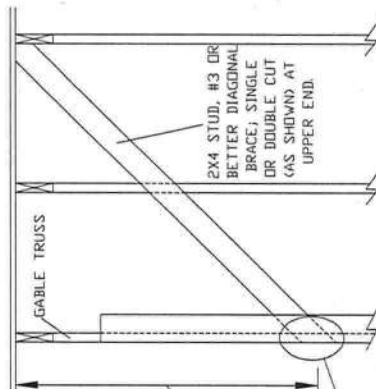
ASCE 7-05: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C, Kzt = 1.00

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

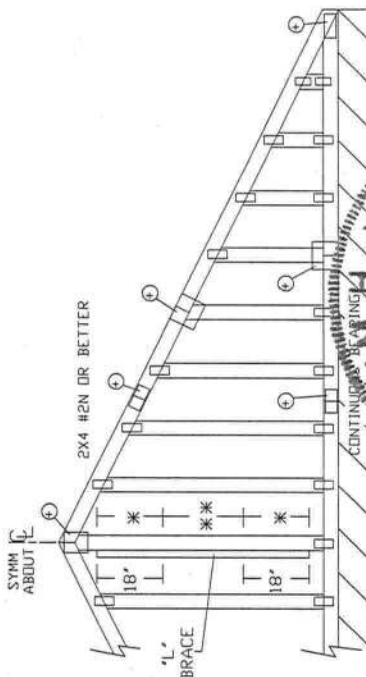
DIAGONAL BRACE OPTION:
VERTICAL LENGTH MAY BE
DOUBLED WHEN DIAGONAL
BRACE IS USED. CONNECT
DIAGONAL BRACE FOR 600#
AT EACH END. MAX WEB
TOTAL LENGTH IS 14'.

VERTICAL LENGTH SHOWN
IN TABLE ABOVE.

CONNECT DIAGONAL AT
MIDPOINT OF VERTICAL WEB



REFER TO CHART ABOVE FOR MAX. GABLE VERTICAL LENGTH.



GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

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

CABLE 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" D.C. BETWEEN ZONES.
 **FOR (2) 'L' BRACES: SPACE NAILS AT 3' D.C.

"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 DR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	25X4
GREATER THAN 11' 6"	3X4

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

[illegible]

CLB WEB BRACE SUBSTITUTION

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

NOTES:

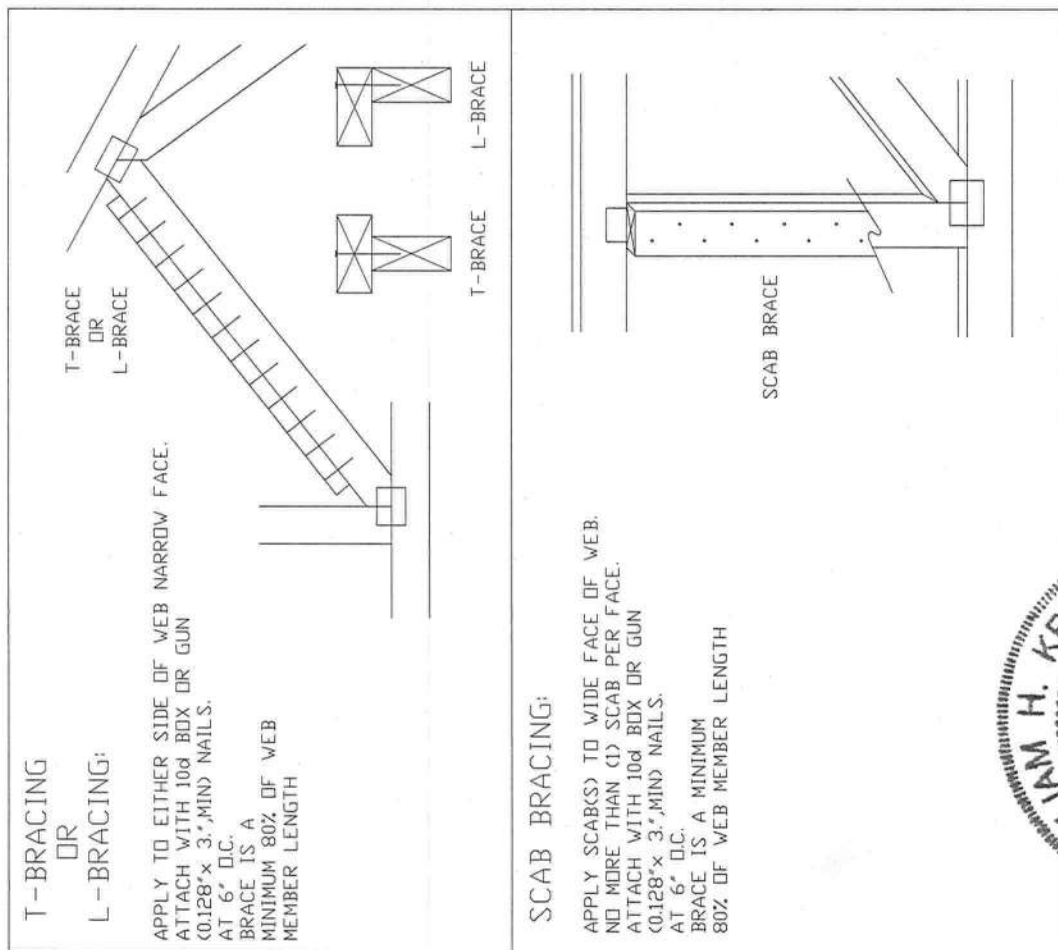
THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLCB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

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

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

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

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



Building Components Group Inc.

Earth City, MO 63045

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No. 70861
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
01/20/2012

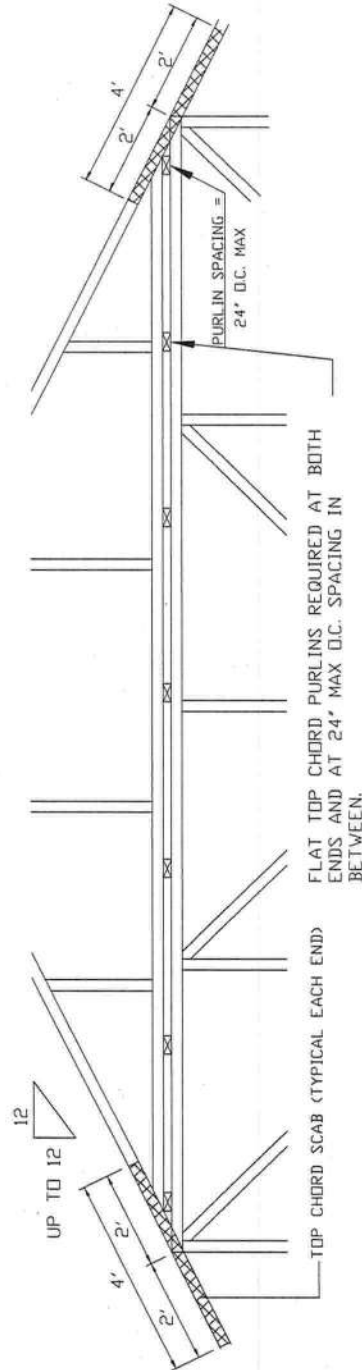
REF	CLB SUBST.
DATE	1/1/09
DRWG	BRCLBSUB0109
PSF	
PSF	
PSF	
PSF	
TOT. LD.	
DUR. FAC.	
SPACING	

UP TO 120 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-02 OR ASCE 7-05, ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND DL= 5.0 PSF (MIN), Kzt=1.0.

NOTE: TOP CHORDS OF TRUSSES SUPPORTING PIGGYBACK CAP TRUSSES MUST BE ADEQUATELY BRACED BY SHEATHING OR PURLINS. THE BUILDING ENGINEER OF RECORD SHALL PROVIDE DIAGONAL BRACING OR ANY OTHER SUITABLE ANCHORAGE TO PERMANENTLY RESTRAIN PURLINS, AND LATERAL BRACING FOR OUT OF PLANE LOADS OVER GABLE ENDS.

*** REFER TO ENGINEER'S SEALED TRUSS DESIGN DRAWING FOR PIGGYBACK AND BASE TRUSS SPECIFICATIONS.

DETAIL A : PURLIN SPACING = 24" O.C. OR LESS

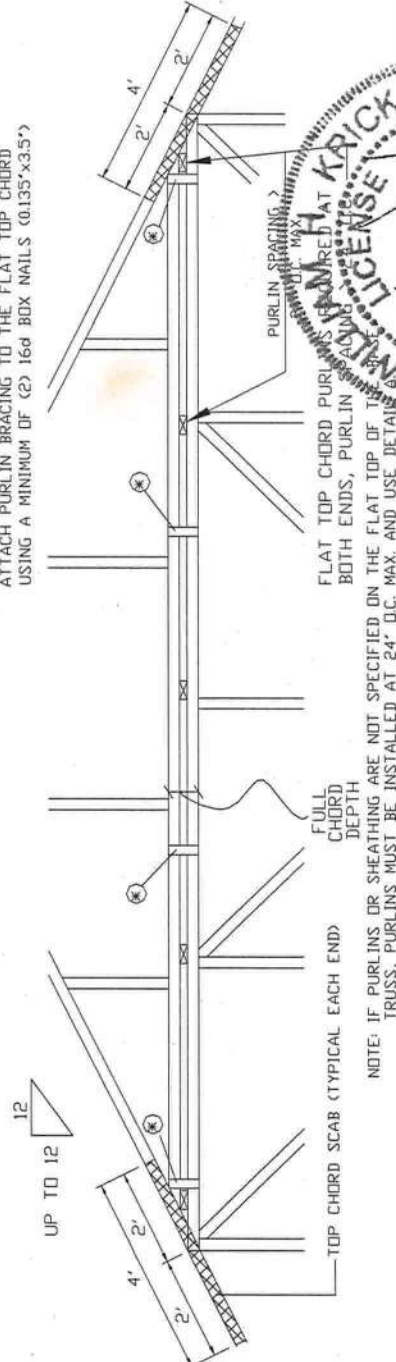


PIGGYBACK CAP TRUSS SLANT NAILED TO ALL TOP CHORD
PURLIN BRACING WITH (2) 16d BOX NAILS (0.135"x3.5")
AND SECURE TOP CHORD WITH 2x4 #3 GRADE SCAB
(1 SIDE ONLY AT EACH END) ATTACHED WITH
2 ROWS OF 10d BOX NAILS (0.128"x3") AT 4" O.C.

ATTACH PURLIN BRACING TO THE FLAT TOP CHORD
USING (2) 16d BOX NAILS (0.135"x3.5")

THE TOP CHORD #3 GRADE 2x4 SCAB MAY BE REPLACED WITH EITHER ONE WITH FOLLOWING DIMS: 2x8 TRUPLY
OR 2x6 PLATED W/ 2X8 TRUSS TO MATCH EXISTING
INTO CAP AND #4 INTO BASE TRUSS TO DR. @ 20PB
WAVE PIGGYBACK PLATE PLATED TO THE PIGGYBACK
TRUSS IC AND ATTACHED TO THE BASE TRUSS IC WITH
@ .0120"x1.375" NAILS NOTE: NAILING THRU HOLES OF
WAVE PLATE IS ACCEPTABLE.

DETAIL B : PURLIN SPACING > 24" O.C.



PIGGYBACK CAP TRUSS SLANT NAILED TO ALL TOP CHORD PURLIN BRACING WITH 2x4 16d BOX NAILS (0.135"x3.5") AND SECURE TOP CHORD WITH 2x4 #3 GRADE SCAB (1" SIDE ONLY AT EACH END) ATTACHED WITH 2 ROWS OF 16d BOX NAILS (0.128"x3") AT 4' O.C.

ATTACH PURLIN BRACING TO THE FLAT TOP CHORD USING A MINIMUM OF(2) 16d BOX NAILS (0.135"x3.5")

NOTE: IF PURLINS OR SHEATHING ARE NOT SPECIFIED ON THE FLAT TOP OF THE TRUSS, PURLINS MUST BE INSTALLED AT 24" O.C. MAX. AND USE DETAIL A.

****WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET**
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the following instructions carefully. For more information, refer to the following references:
Follow BCST Building Component Safety Information, by TPI and VTCA For safety practices for
performing these functions. Installers shall provide temporary bracing per BCST. Unless noted
otherwise, top chord shall have properly attached structural panels and bottom chord shall have
properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall provide
bracing installed per BCST sections B3 & B7. See this job's general notes page for more information.

[illegible]

A seal on this drawing or cover page indicates acceptance and professional engineering responsibility solely for the truss component design shown. The suitability and use of this component for any building is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2.
ITW-BCC www.itwbcg.com TPI www.tpinet.com VTCA www.vtcaindustry.com ICC www.iccsafe.org

* IN ADDITION, PROVIDE CONNECTION WITH ONE OF THE FOLLOWING METHODS:

TRULOX
USE 3x8 TRULOX PLATES FOR 2x4 CHORD MEMBER, AND 3x10 TRULOX PLATES FOR 2x6 AND LARGER CHORD MEMBERS. ATTACH TO EACH FACE @ 8" OC. WITH (4) 0.120"x1.375" NAILS INTO CAP BOTTOM CHORD AND (4) IN BASE TRUSS TOP CHORD. TRULOX PLATES MAY BE STAGGERED 4" OC. FRONT TO BACK FACES.

APA RATED GUSSET

8"x8"x7'16" (MIN) APA RATED SHEATHING GUSSETS (EACH FACE). ATTACH @ 8" O.C. WITH (8) 6d COMMON (0.113"x2") NAILS PER GUSSET, (4) IN CAP BOTTOM CHORD AND (4) IN BASE TRUSS TOP CHORD. GUSSETS MAY BE STAGGERED 4" O.C. FRONT TO BACK. FACES.

2x4 VERTICAL SCALING

2"x4" SPF#2, FULL CHORD DEPTH SCABS (EACH FACE), ATTACH @ 8' O.C. WITH (6) 10d BOX NAILS (0.128"x3") PER SCAB. (3) IN CAP BOTTOM CHORD AND (3) IN BASE TRUSS TOP CHORD. SCABS MAY BE STAGGERED 1/2" O.C. FRONT TO BACK FACE.

28PB WAVE PIGGYBACK PLATE

ONE 28PB WAVE PIGGYBACK PLATE TO EACH FACE @ 8' D.C. ATTACH TEETH TO PIGGYBACK AT TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120"x1.375" NAILS PER FACE PER PLY. PIGGYBACK PLATES MAY BE STAGGERED 4' D.C. FRONT TO BACK FACES.

 ITW Building Components Group Inc.	REF PIGGYBACK DATE 03/15/10 DRWG PB1200310	SPACING 24.0"
	No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER	
	01/20/2012 12	

*****WARNING***** READ AND FOLLOW ALL NOTES ON THIS SHEET
 Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the instructions on the drawings and the ITW Building Components Group Inc. literature for proper performance of these functions. Installers shall provide temporary bracing per BC31. Unless noted otherwise, top chord shall have properly attached structural panels and bottom chord shall have properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BC31 sections B3 & B7. See this job's general notes page for more information.

*****IMPORTANT***** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.
 ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design, any failure to build the truss in conformance with TPI, or fabricating, handling, shipping, installing & bracing of trusses. ITWBCG connector plates are made of 20/18/16GA GJ/H/S/KO ASTM A575 galvalume. Joint Details. A seal on this drawing or cover page indicates acceptance and professional engineering responsibility solely for the truss component design shown. The suitability and use of this component for any building is the responsibility of the Building Designer per ANSI/TPI 1 Sec 2.
 ITW-BCG www.itwbcg.com TPI www.tpinet.com VTCO www.secdindustry.com IEC www.iccsafe.org