

Columbia County New Building Permit Application

For Office Use Only Application # 1907-116 Date Received 7/30/19 By MG Permit # 38583
 Zoning Official J.C. LH Date 8-12-19 Flood Zone X Land Use AG Zoning A-3
 FEMA Map # N/A Elevation N/A MFE 1' Above River N/A Plans Examiner J.C. Date 8-12-19
 Comments Floor 1' Above Rd. Front 30' Sides 25' Rear 25'
 NOC EH Deed or PA Site Plan State Road Info Well 911 Sheet Parent Parcel # _____
 Dev Permit # _____ In Floodway Letter of Auth. from Contractor F W Comp. letter
 Owner Builder Disclosure Statement Land Owner Affidavit Ellisville Water App Fee Paid Sub VF Form

Septic Permit No. 19-0564 OR City Water Fax _____

Applicant (Who will sign/pickup the permit) William F. Ladson, III Phone 229-518-3286

Address Po Box 1617, Thomasville, GA 31799

Owners Name Kacy + Christopher Griffin Phone 251-767-7354

911 Address 1211 SW Skyline Loop, Fort White, FL 32038

Contractors Name William F. Ladson, III Phone 229-518-3286

Address Po Box 1617, Thomasville, GA 31799

Contractor Email lharrison@watterfamilyhomes.com ***Include to get updates on this job.

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address JAMES SPINNEWEBER PE

Architect/Engineer Name & Address Janis Engineering, Tallahassee, FL

Mortgage Lenders Name & Address 1st Signature Lending, Indianapolis, IN

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

Property ID Number 10-6S-16-03815-134 Estimated Construction Cost 174,633.00

Subdivision Name Cardinal Farms UNREEL Lot 34 Block _____ Unit _____ Phase _____

Driving Directions from a Major Road From I-75 South toward Tampa, take Exit 423 take ramp right for SR-47 toward Ft White/Lake City. Bear right onto SR-47S. Turn left onto SW Hertlong St. Turn Right onto SW Skyline Loop.

Construction of New single family residence Commercial OR Residential

Proposed Use/Occupancy single family permanent res. Number of Existing Dwellings on Property 0

Is the Building Fire Sprinkled? _____ If Yes, blueprints included _____ Or Explain _____

Circle Proposed Culvert Permit or Culvert Waiver or D.O.T. Permit or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 420' Side 240' Side 362' Rear 180'

Number of Stories 1 Heated Floor Area 1579 Total Floor Area 1903 Acreage 10

Zoning Applications applied for (Site & Development Plan, Special Exception, etc.) Email sent 8.1.19

Columbia County Building Permit Application

CODE: Florida Building Code 2017 and the 2014 National Electrical Code.

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

TIME LIMITATIONS OF APPLICATION: An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless pursued in good faith or a permit has been issued.

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

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

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

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

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

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

CHRISTOPHER HAYS GRIFFIN

KACY ANN GRIFFIN

Print Owners Name

[Handwritten signatures]

Owners Signature

**Property owners must sign here before any permit will be issued.

**If this is an Owner Builder Permit Application then, ONLY the owner can sign the building permit when it is issued.

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

Contractor's Signature

Contractor's License Number
Columbia County
Competency Card Number

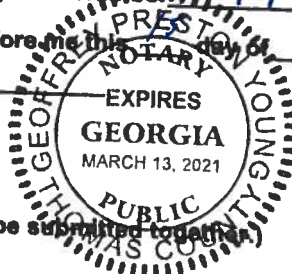
ERC1331087

1749 ✓

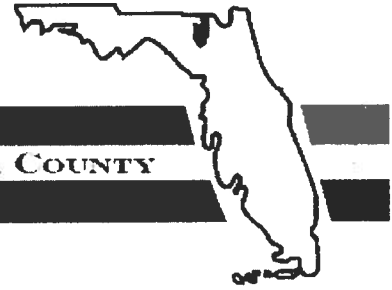
Affirmed under penalty of perjury to by the Contractor and subscribed before me this day of July 20 19. Personally known [checked] or Produced Identification

State of Florida Notary Signature (For the Contractor)

SEAL:



District No. 1 - Ronald Williams
District No. 2 - Rocky Ford
District No. 3 - Bucky Nash
District No. 4 - Toby Witt
District No. 5 - Tim Murphy



BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

Address Assignment and Maintenance Document

To maintain the county wide 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 addressing 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 Services 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/Time Issued: **8/8/2019 7:15:09 PM**
Address: **1211 SW SKYLINE Loop**
City: **FORT WHITE**
State: **FL**
Zip Code **32038**

Parcel ID **03815-134**

REMARKS: Address Verification.

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

Address Issued By: **Signed:/ Matt Crews**

Columbia County GIS/911 Addressing Coordinator

**COLUMBIA COUNTY
911 ADDRESSING / GIS DEPARTMENT**

263 NW Lake City Ave., Lake City, FL 32055 Telephone: (386) 758-1125
Email: gis@columbiacountyfla.com

NOTICE OF COMMENCEMENT

Tax Parcel Identification Number:

10-65-16-03815-134

Clerk's Office Stamp
Inst: 201912014974 Date: 07/01/2019 Time: 11:58AM
Page 1 of 1 B: 1387 P: 2340, P.DeWitt Cason, Clerk of Court
Columbia, County, By: BD
Deputy Clerk

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

- 1. Description of property (legal description):
a) Street (job) Address: 1211 Skyline Loop Fort White, FL 32038
2. General description of improvements: New construction of a single family residence
3. Owner information or Lessee information if the Lessee contracted for the improvements:
a) Name and address: Kacy and Christopher Griffin
b) Name and address of fee simple titleholder (if other than owner)
c) Interest in property
4. Contractor information
a) Name and address: William F. Ladson, III, PO Box 1617, Thomasville, GA 31799
b) Telephone No.: (828) 518-3286
5. Surety information (if applicable, a copy of the payment bond is attached):
a) Name and address:
b) Amount of Bond:
c) Telephone No.:
6. Lender
a) Name and address: 1st Signature Lending
b) Phone No.: 317-815-6060
7. Person within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes:
a) Name and address:
b) Telephone No.:
8. In addition to himself or herself, Owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes:
a) Name: OF
b) Telephone No.:
9. Expiration date of Notice of Commencement (the expiration date will be 1 year from the date of recording unless a different date is specified):

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

STATE OF FLORIDA
COUNTY OF COLUMBIA

Signature of Owner or Lessee, or Owner's or Lessee's Authorized Office/Partner/Manager
KACY GRIFFIN CHRISTOPHER GRIFFIN
Printed Name and Signatory's Title/Office

The foregoing instrument was acknowledged before me, a Florida Notary, this 1st day of July, 2019, by:
Kacy Griffin & Christopher Griffin
as (Name of Person) (Type of Authority) for (name of party on behalf of whom instrument was executed)

Personally Known OR Produced Identification Type FL Drivers License

Notary Signature Marsha H. Moore Notary Stamp or Seal:



Legend

Roads

- Roads
- others
- Dirt
- Interstate
- Main
- Other
- Paved
- Private
- 2018Aerials

DevZones1

- others
- A-1
- A-2
- A-3
- CG
- CHI
- CI
- CN
- CSV
- ESA-2
- I
- ILW
- MUD-1
- PRD
- PRRD
- RMF-1
- RMF-2
- RO
- RR
- RSF-1
- RSF-2
- RSF-3
- RSF/MH-1
- RSF/MH-2
- RSF/MH-3
- DEFAULT

2009 Flood Zones

- 0.2 PCT ANNUAL CHANCE
- A
- AE
- AH

2018 Flood Zones

- 0.2 PCT ANNUAL CHANCE
- A
- AE
- AH

Contours

- default{(Contours.shp)}
- DEFAULT

Parcels

2009 Base Flood Elevations

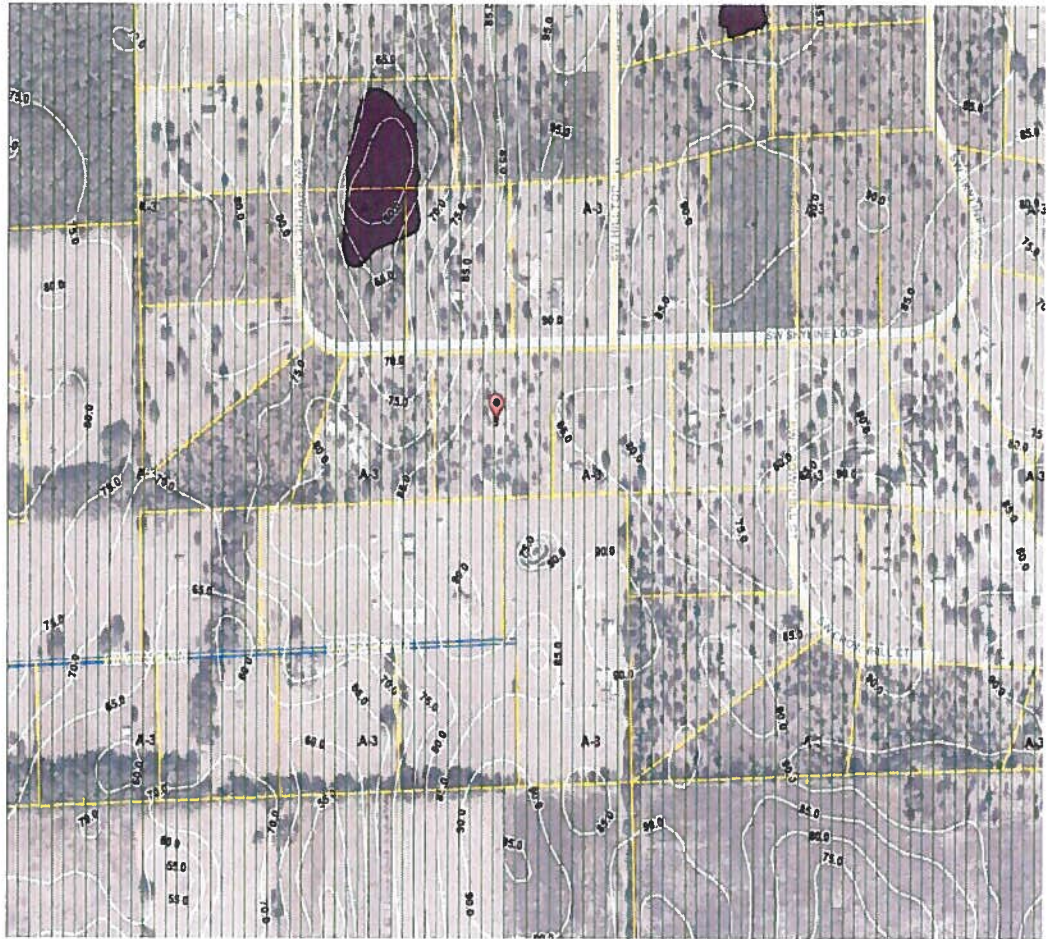
- DEFAULT
- Base Flood Elevations

FutureLandUseMap

- Mixed Use Development
- Light Industrial
- Industrial
- Highway Interchange
- Commercial
- Residential High Density (< 20 d.u. per acre)
- Residential Medium/High Density (< 14 d.u. per acre)
- Residential Medium Density (< 8 d.u. per acre)
- Residential Moderate Density (< 4 d.u. per acre)
- Residential Low Density (< 2 d.u. per acre)
- Residential Very Low Density (< 1 d.u. per acre)

Columbia County, FLA - Building & Zoning Property Map

Printed: Mon Aug 12 2019 08:59:02 GMT-0400 (Eastern Daylight Time)



Parcel Information

Parcel No: 10-6S-16-03815-134
 Owner: HARRIS CHARLES R &
 Subdivision: CARDINAL FARMS UNR
 Lot:
 Acres: 10.013237
 Deed Acres: 10.01 Ac
 District: District 2 Rocky Ford
 Future Land Uses: Agriculture - 3
 Flood Zones:
 Official Zoning Atlas: A-3

All data, information, and maps are provided "as is" without warranty or any representation of accuracy, timeliness of completeness. Columbia County, FL makes no warranties, express or implied, as to the use of the information obtained here. There are no implies warranties of merchantability or fitness for a particular purpose. The requester acknowledges and accepts all limitations, including the fact that the data, information, and maps are dynamic and in a constant state of maintenance, and update.

Legend

Parcels

2018Aerials

Addresses

Repetitive Loss Property

SRWMD Wetlands

2018 Flood Zones

0.2 PCT ANNUAL CHANCE

- A
- AE
- AH

DevZones1

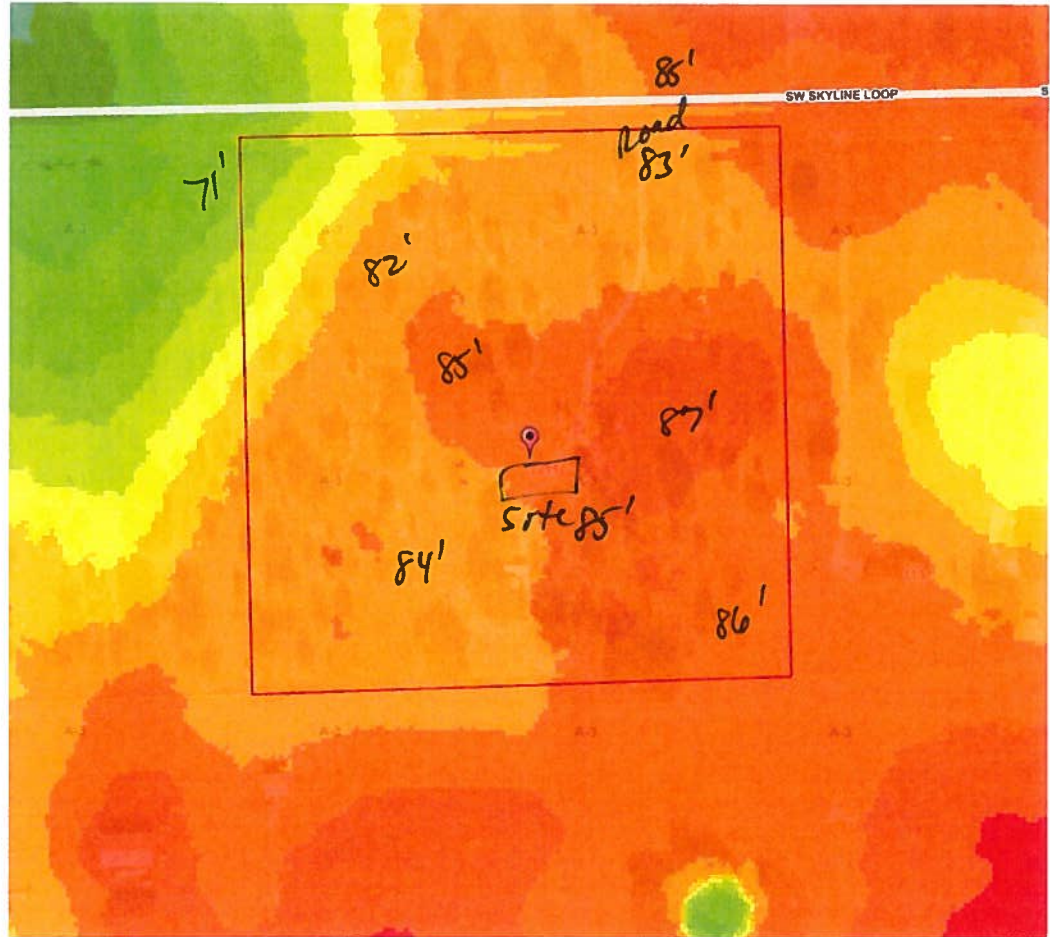
- others
- A-1
- A-2
- A-3
- CG
- CHI
- CI
- CN
- CSV
- ESA-2
- I
- ILW
- MUD-1
- PRD
- PRRD
- RMF-1
- RMF-2
- RO
- RR
- RSF-1
- RSF-2
- RSF-3
- RSF/MH-1
- RSF/MH-2
- RSF/MH-3
- DEFAULT

LidarElevations



Columbia County, FLA - Building & Zoning Property Map

Printed: Wed Aug 14 2019 17:24:50 GMT-0400 (Eastern Daylight Time)



Parcel Information

Parcel No: 10-6S-16-03815-134
 Owner: HARRIS CHARLES R &
 Subdivision: CARDINAL FARMS UNR
 Lot:
 Acres: 10.013237
 Deed Acres: 10.01 Ac
 District: District 2 Rocky Ford
 Future Land Uses: Agriculture - 3
 Flood Zones:
 Official Zoning Atlas: A-3

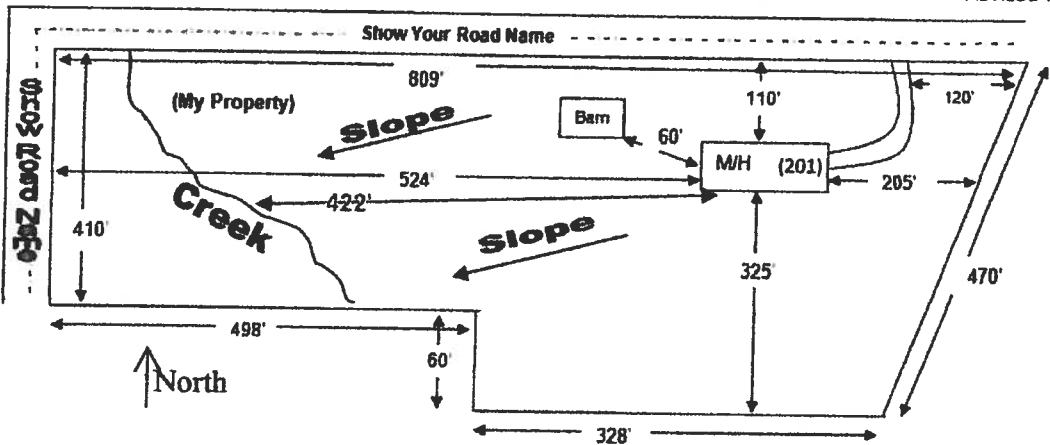
All data, information, and maps are provided "as is" without warranty or any representation of accuracy, timeliness of completeness. Columbia County, FL makes no warranties, express or implied, as to the use of the information obtained here. There are no implied warranties of merchantability or fitness for a particular purpose. The requester acknowledges and accepts all limitations, including the fact that the data, information, and maps are dynamic and in a constant state of maintenance, and update.

SITE PLAN CHECKLIST

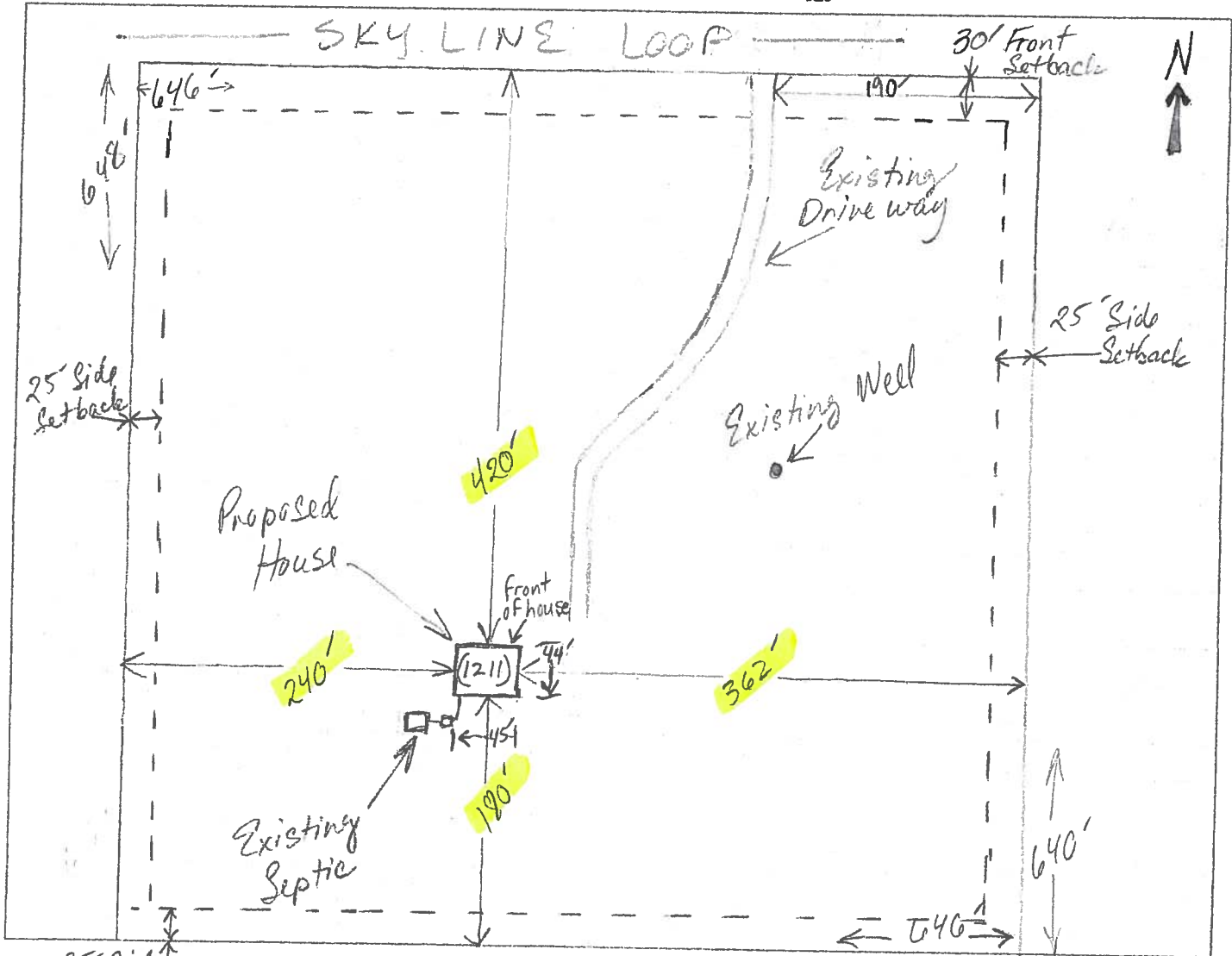
- ✓ 1) Property Dimensions
- ✓ 2) Footprint of proposed and existing structures (including decks), label these with existing addresses
- ✓ 3) Distance from structures to all property lines
- NA 4) Location and size of easements
- ✓ 5) Driveway path and distance at the entrance to the nearest property line
- NA 6) Location and distance from any waters; sink holes; wetlands; and etc.
- NA 7) Show slopes and or drainage paths *No Slope*
- ✓ 8) Arrow showing North direction

SITE PLAN EXAMPLE

Revised 7/1/15



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



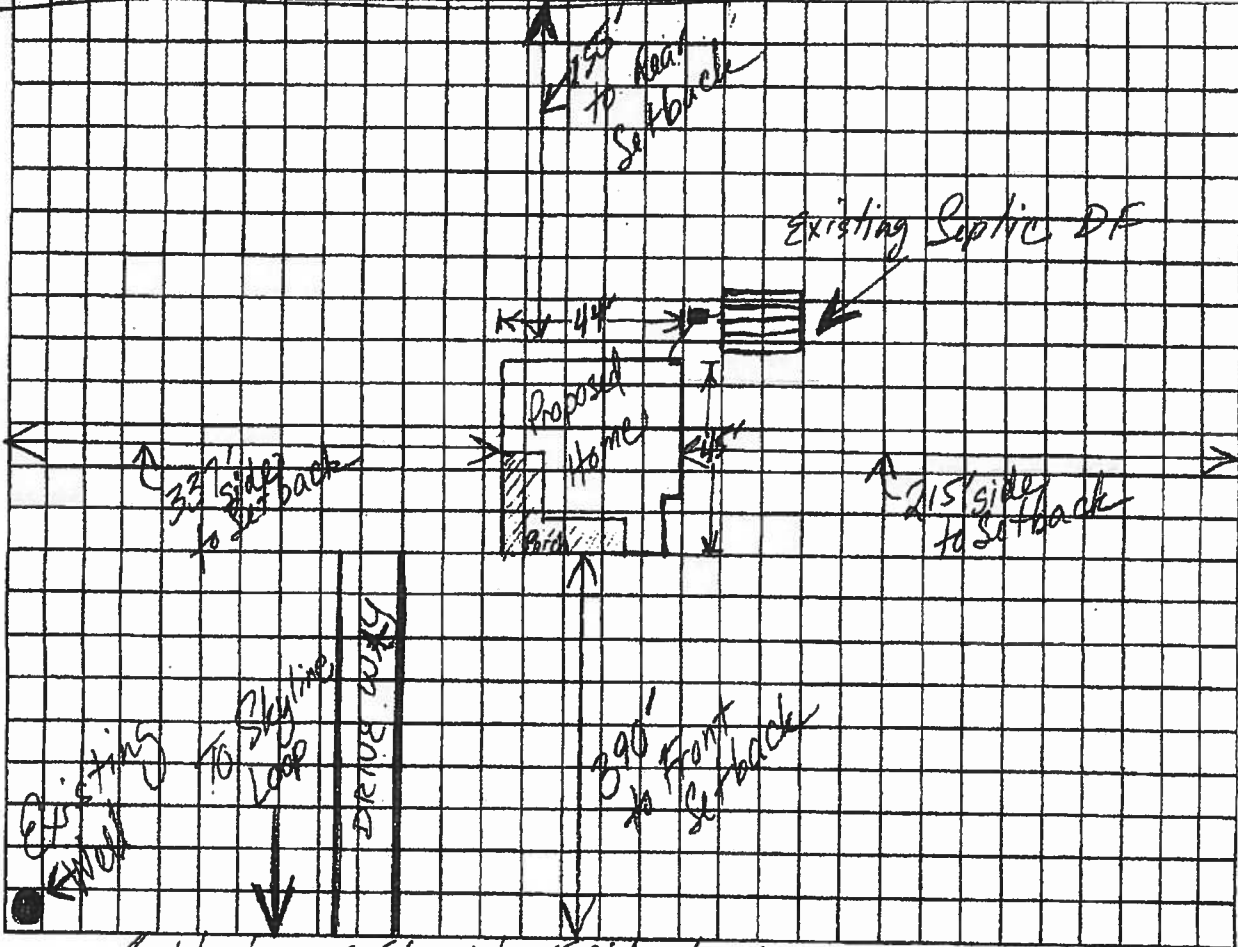
25' Side Setback Scale: 1 inch = 120ft 1/4 inch = 30ft

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR CONSTRUCTION PERMIT

Permit Application Number _____

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

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



Notes: Set backs 30' front / 25' sides / 25' rear

Please see attached page for full site plan.

Site Plan submitted by: Bill Ludlum TITLE _____ DATE: 7-25-19

Plan Approved Not Approved Date: 7/25/19

By [Signature] ESTE **Columbia CHD** County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015-8909 (Obsoletes previous editions which may not be used) Incorporated: 64E-8.001, FAC (Stock Number: 5744-002-4015-8)

Page 2 of 4

REVISED
7/25/19



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

PERMIT NO. 19-2564
DATE PAID: 7/24/19
FEE PAID: 10000
RECEIPT #: 1405548

APPLICATION FOR:
 New System Existing System Holding Tank Innovative
 Repair Abandonment Temporary

APPLICANT: Kacy Griffin
 AGENT: William F. Ladson, III TELEPHONE: 229-518-3286
 MAILING ADDRESS: PO Box 1617, Thomasville, GA 31799

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: 34 BLOCK: _____ SUBDIVISION: Cardinal Farms PLATTED: _____

PROPERTY ID #: 03815-134 ZONING: AG3 I/M OR EQUIVALENT: [Y / N]

PROPERTY SIZE: 10.01 ACRES WATER SUPPLY: PRIVATE PUBLIC [] <=2000GPD [] >2000GPD

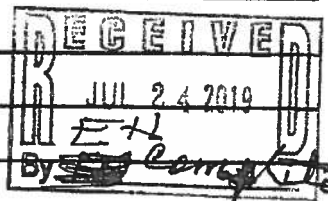
IS SEWER AVAILABLE AS PER 381.0065, FS? [Y] [N] DISTANCE TO SEWER: _____ FT

PROPERTY ADDRESS: 1211 SW Skyline Loop

DIRECTIONS TO PROPERTY: From I75 South toward Tampa, take Exit 423 & take ramp to right for SR-47 toward Ft White/Lake City. Bear right onto SR-47S. Turn left onto SW Herlong St. Turn right onto SW Skyline Loop.

BUILDING INFORMATION RESIDENTIAL [] COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	Single Family Residence	3	1579	
2				
3				
4				



[] Floor/Equipment Drains [] Other (Specify) _____
 SIGNATURE: Bill Ladson DATE: 7-16-19



Columbia County, FL. Building & Zoning Culvert Waiver Permit #000002549



OWNER: CHARLES HARRIS & DIANE SHEPHERD, JTWRs

PHONE: 352.260.1488

PARCEL ID: 10-6S-16-03815-134

SUBDIVISION: CARDINAL FARMS UNREC

ADDRESS:

1211 SKYLINE LOOP
FT. WHITE FL 32038

Latitude: 29.978219 **Longitude:** -82.695214

LOT: 34 **BLK:** **PHASE:** **UNIT:**

CONTRACTOR

NAME: CHARLES HARRIS & DIANE
SHEPHERD

ADDRESS:
1223 SW NWETON CR
FT. WHITE, FL 32038

PHONE:

BUSINESS: CHARLES HARRIS & DIANE
SHEPHERD

PROJECT DETAILS

BUILDING PERMIT #:

STATUS:

REQUIREMENTS:

*Prior
Owner*

Approved

CULVERT WAIVER NEEDED
APPLIED FOR CW ON 3/27/18

INSPECTIONS

Passed: Engineering - Final Driveway

~~Passed: Engineering - Initial Driveway~~

DM

3/27/2018

~~DM~~

~~3/27/2018~~

(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.

SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT # 1907-110 JOB NAME Griffin, Kacy & Christopher

THIS FORM MUST BE SUBMITTED BEFORE A PERMIT WILL BE ISSUED

Columbia County issues combination permits. 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 general contractors permit.

NOTE: It shall be the responsibility of the general contractor to make sure that all of the subcontractors are licensed with the Columbia County Building Department.

Use website to confirm licenses: <http://www.columbiacountyfla.com/PermitSearch/ContractorSearch.aspx>

NOTE: If this should change prior to completion of the project, it is your responsibility to have a corrected form submitted to our office, before that work has begun.

Violations will result in stop work orders and/or fines.

ELECTRICAL <input type="checkbox"/>	Print Name <u>Matt Burns</u> Signature _____ Company Name: <u>Matt Burns Electric</u> License #: <u>EC13006531</u> Phone #: <u>386-935-0444</u>	Need <input type="checkbox"/> Lic <input checked="" type="checkbox"/> Liab <input checked="" type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
MECHANICAL/ A/C <u>420</u> <input checked="" type="checkbox"/>	Print Name <u>E. Thomas Buccchi</u> Signature <u>E. Thomas Buccchi</u> Company Name: <u>Acc Heat and Air Inc</u> License #: <u>CALC58170</u> Phone #: <u>386-497-2210</u>	Need <input type="checkbox"/> Lic <input checked="" type="checkbox"/> Liab <input checked="" type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
PLUMBING/ GAS <input type="checkbox"/>	Print Name <u>Barrs Plumbing</u> Signature _____ Company Name: <u>Barrs Plumbing Cody Barrs</u> License #: <u>CFC1427145</u> Phone #: <u>386-623-0509</u>	Need <input type="checkbox"/> Lic <input checked="" type="checkbox"/> Liab <input checked="" type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
ROOFING <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
SHEET METAL <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
FIRE SYSTEM/ SPRINKLER <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
SOLAR <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
STATE <input type="checkbox"/> SPECIALTY	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE

SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT # 1907-116 JOB NAME Griffin, Kacy & Christopher

THIS FORM MUST BE SUBMITTED BEFORE A PERMIT WILL BE ISSUED

Columbia County issues combination permits. 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 general contractors permit.

NOTE: It shall be the responsibility of the general contractor to make sure that all of the subcontractors are licensed with the Columbia County Building Department.

Use website to confirm licenses: <http://www.columbiacountyfla.com/PermitSearch/ContractorSearch.aspx>

NOTE: If this should change prior to completion of the project, it is your responsibility to have a corrected form submitted to our office, before that work has begun.

Violations will result in stop work orders and/or fines.

ELECTRICAL <input type="checkbox"/>	Print Name <u>Matt Burns</u> Signature <u>[Signature]</u> Company Name: <u>Matt Burns Electric</u> License #: <u>EC13006531</u> Phone #: <u>386-935-0444</u>	Need <input type="checkbox"/> Lic <input checked="" type="checkbox"/> Liab <input checked="" type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
MECHANICAL/A/C <input type="checkbox"/>	Print Name <u>E. Thomas Buccchi</u> Signature _____ Company Name: <u>Asc Heat and Air Inc</u> License #: <u>CAL58170</u> Phone #: <u>386-269-4669</u>	Need <input type="checkbox"/> Lic <input checked="" type="checkbox"/> Liab <input checked="" type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
PLUMBING/GAS <input type="checkbox"/>	Print Name <u>Barrs Plumbing</u> Signature _____ Company Name: <u>Barrs Plumbing Cody Barrs</u> License #: <u>CFC1427145</u> Phone #: <u>386-623-0509</u>	Need <input type="checkbox"/> Lic <input checked="" type="checkbox"/> Liab <input checked="" type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
ROOFING <input checked="" type="checkbox"/>	Print Name <u>William F. Ladson III</u> Signature <u>[Signature]</u> Company Name: <u>Walter Family Homes, LLC</u> License #: <u>CRC1331037</u> Phone #: <u>229-518-3286</u>	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
SHEET METAL <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
FIRE SYSTEM/SPRINKLER <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
SOLAR <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
STATE SPECIALTY <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE

SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT # 1907-110 JOB NAME Griffin, Kelly & Christopher

THIS FORM MUST BE SUBMITTED BEFORE A PERMIT WILL BE ISSUED

Columbia County issues combination permits. 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 general contractors permit.

NOTE: It shall be the responsibility of the general contractor to make sure that all of the subcontractors are licensed with the Columbia County Building Department.

Use website to confirm licenses: <http://www.columbiacountyfla.com/PermitSearch/ContractorSearch.aspx>

NOTE: If this should change prior to completion of the project, it is your responsibility to have a corrected form submitted to our office, before that work has begun.

Violations will result in stop work orders and/or fines.

ELECTRICAL <input type="checkbox"/>	Print Name <u>Matt Burns</u> Signature _____ Company Name: <u>Matt Burns Electric</u> License #: <u>EC13006531</u> Phone #: <u>386-935-0444</u>	<u>Need</u> <input type="checkbox"/> Lic <input checked="" type="checkbox"/> Liab <input checked="" type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
MECHANICAL/ A/C <input type="checkbox"/> CCH# _____	Print Name <u>E. Thomas Buccchi</u> Signature _____ Company Name: <u>Acc Heat and Air Inc</u> License #: <u>CAL58170</u> Phone #: <u>386-269-4669</u>	<u>Need</u> <input type="checkbox"/> Lic <input checked="" type="checkbox"/> Liab <input checked="" type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
PLUMBING/ GAS <input checked="" type="checkbox"/> CCH# <u>715</u>	Print Name <u>Barrs Plumbing Inc.</u> Signature <u>Cody Barrs</u> Company Name: <u>Barrs Plumbing Cody Barrs</u> License #: <u>CFC1427145</u> Phone #: <u>386-623-0509</u>	<u>Need</u> <input type="checkbox"/> Lic <input checked="" type="checkbox"/> Liab <input checked="" type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
ROOFING <input type="checkbox"/> CCH# _____	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	<u>Need</u> <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
SHEET METAL <input type="checkbox"/> CCH# _____	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	<u>Need</u> <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
FIRE SYSTEM/ SPRINKLER <input type="checkbox"/> CCH# _____	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	<u>Need</u> <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
SOLAR <input type="checkbox"/> CCH# _____	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	<u>Need</u> <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
STATE <input type="checkbox"/> SPECIALTY CCH# _____	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	<u>Need</u> <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE

SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT # 1907-116 JOB NAME Griffin, Kacy & Christopher

THIS FORM MUST BE SUBMITTED BEFORE A PERMIT WILL BE ISSUED

Columbia County issues combination permits. 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 general contractors permit.

NOTE: It shall be the responsibility of the general contractor to make sure that all of the subcontractors are licensed with the Columbia County Building Department.

Use website to confirm licenses: <http://www.columbiacountyfla.com/PermitSearch/ContractorSearch.aspx>

NOTE: If this should change prior to completion of the project, it is your responsibility to have a corrected form submitted to our office, before that work has begun.

Violations will result in stop work orders and/or fines.

ELECTRICAL <input checked="" type="checkbox"/>	Print Name <u>Matt Burns</u> Signature <u>Matt Burns</u>	Need <input type="checkbox"/> Lic <input checked="" type="checkbox"/> Liab <input checked="" type="checkbox"/> W/C
CC# <u>309</u>	Company Name: <u>Matt Burns Electric</u> License #: <u>EC13006531</u> Phone #: <u>386-935-0444</u>	<input type="checkbox"/> EX <input type="checkbox"/> DE
MECHANICAL/A/C <input type="checkbox"/>	Print Name <u>E. Thomas Bucchi</u> Signature _____	Need <input type="checkbox"/> Lic <input checked="" type="checkbox"/> Liab <input checked="" type="checkbox"/> W/C
CC# _____	Company Name: <u>Acc Heat and Air Inc</u> License #: <u>CAC58170</u> Phone #: <u>386-269-4669</u>	<input type="checkbox"/> EX <input type="checkbox"/> DE
PLUMBING/GAS <input type="checkbox"/>	Print Name <u>Barrs Plumbing</u> Signature _____	Need <input type="checkbox"/> Lic <input checked="" type="checkbox"/> Liab <input checked="" type="checkbox"/> W/C
CC# _____	Company Name: <u>Barrs Plumbing Cody Barrs</u> License #: <u>CFC1427145</u> Phone #: <u>386-623-0509</u>	<input type="checkbox"/> EX <input type="checkbox"/> DE
ROOFING <input type="checkbox"/>	Print Name _____ Signature _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C
CC# _____	Company Name: _____ License #: _____ Phone #: _____	<input type="checkbox"/> EX <input type="checkbox"/> DE
SHEET METAL <input type="checkbox"/>	Print Name _____ Signature _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C
CC# _____	Company Name: _____ License #: _____ Phone #: _____	<input type="checkbox"/> EX <input type="checkbox"/> DE
FIRE SYSTEM/SPRINKLER <input type="checkbox"/>	Print Name _____ Signature _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C
CC# _____	Company Name: _____ License #: _____ Phone #: _____	<input type="checkbox"/> EX <input type="checkbox"/> DE
SOLAR <input type="checkbox"/>	Print Name _____ Signature _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C
CC# _____	Company Name: _____ License #: _____ Phone #: _____	<input type="checkbox"/> EX <input type="checkbox"/> DE
STATE SPECIALTY <input type="checkbox"/>	Print Name _____ Signature _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C
CC# _____	Company Name: _____ License #: _____ Phone #: _____	<input type="checkbox"/> EX <input type="checkbox"/> DE

Walter Family Homes

904 Gordon Ave
Thomasville, GA 31792
Phone: 229.224.6875 Fax: 678.802.0268
E-Mail: wladson3@gmail.com

September 9, 2019

Columbia County
Laurie_Hudson@Columbiacountyfla.com

Re: Agent authorization

To Whom This May Concern:

I authorize the following people to act as an agent of William F. Ladson III and Walter Family Homes, LLC to put signature to and forward payment for utility and permitting fees and applications at the site address of 1211 SW Skyline Loop, Fort White, FL 32038

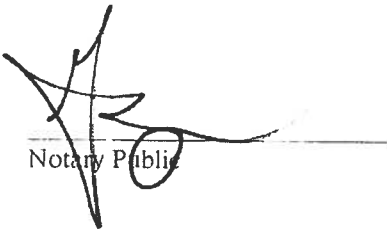
Roger Dygert

Sincerely,



William F. Ladson, III
Manager

Subscribed before me this 9th day of September 2019.



Notary Public



Janice Williams

From: Janice Williams
Sent: Thursday, August 01, 2019 12:03 PM
To: 'lharrison@walterfamilyhomes.com'
Subject: RE: 1907-116 - Griffin

Hi Lora,

No ma'am. She doesn't have an **email**. Sorry!

You're certainly welcome to call her.

From: lharrison@walterfamilyhomes.com <lharrison@walterfamilyhomes.com>
Sent: Thursday, August 01, 2019 12:00 PM
To: Janice Williams <janice_williams@columbiacountyfla.com>
Subject: RE: 1907-116 - Griffin

Can I email Melissa directly?

Thank You,

Lora Harrison
Permitting Department
Walter Family Homes

(229) 518-3286
PO Box 1617
Thomasville, Georgia 31792
lharrison@walterfamilyhomes.com
Walter Family Homes
FL. License CRC 1331037
Ga. License RLQA0003736

From: Janice Williams <janice_williams@columbiacountyfla.com>
Sent: Thursday, August 1, 2019 11:58 AM
To: 'lharrison@walterfamilyhomes.com' <lharrison@walterfamilyhomes.com>
Subject: RE: 1907-116 - Griffin

Hi Lora.

I will pass on to Melissa.

Please look below:

Have a wonderful day!

From: lharrison@walterfamilyhomes.com <lharrison@walterfamilyhomes.com>
Sent: Thursday, August 01, 2019 11:55 AM

9/9 - need check #
9/6 - just need contractor sub form for roofing
8/21 - still need sub form MG
Spoke w/ Lora

To: Janice Williams <janice_williams@columbiacountyfla.com>

Subject: RE: 1907-116 - Griffin

RE: 1907-116 – Griffin

Good morning and thank you for speaking with me earlier, helping me to understand the steps I need to take to get this permit.

Addressing the issues you noted in the communication below, I completed another 911 addressing application and emailed it to the GIS dept ta Columbia County. When I receive their reply, I will forward it to you at this email address.

The sub verification form has been in the works and our Alan Fykes is hoping to complete that very soon.

The well letter you might have already found is n/a because there's already a well on the property.

If there is anything else I need to do in facilitating the permitting process, please let me know. Thanks.

Please confirm acknowledgment of this communication.

Thank You,

Lora Harrison
Permitting Department
Walter Family Homes

(229) 518-3286

PO Box 1617

Thomasville, Georgia 31792

lharrison@walterfamilyhomes.com

Walter Family Homes

FL. License CRC 1331037

Ga. License RLQAO003736

From: Janice Williams <janice_williams@columbiacountyfla.com>

Sent: Thursday, August 1, 2019 8:55 AM

To: 'lharrison@walterfamilyhomes.com' <lharrison@walterfamilyhomes.com>

Subject: 1907-116 - Griffin

Importance: High

Good morning William,

Melissa asked me to email you in regards to the above application, however, it is still under review.

Melissa direct number is 386.758.1008 for any questions!

The above application will require the **following prior to permit issuance:**

911 Address Sheet - Pending

Sub Verification Form - Pending

Well Letter - Existing

Have a great day!

CONFIDENTIALITY NOTICE: This e-mail message, including any attachments, is for the sole use of the intended recipient(s) and may contain confidential, proprietary, and/or privileged information protected by law. If you are not the intended recipient, you may not use, copy, or distribute this e-mail message or its attachments. If you believe you have received this e-mail message in error, please contact the sender by reply e-mail and telephone immediately and destroy all copies of the original message.

Return to After Recording:

Vantage Point Title
25400 US Hwy 19 North
Suite 135
Clearwater, FL 33763
Reference Number: FL510199

Mail Tax Statements to:

Christopher H. Griffin and Kacy A. Griffin
1211 SW Skyline Loop
Fort White, FL 32038

Prepared By:

Coast to Coast Document Services, LLC
c/o Attorney Margaret C. Daum
124 W Freistadt Road, Unit 64
Thiensville, WI 53092

Property ID#: R03815-134

WARRANTY DEED

THIS WARRANTY DEED, made the 31 day of May, 2019, between **CHARLES R. HARRIS AND DIANE L. SHEPHERD, HUSBAND AND WIFE**, whose post office address is 1223 SW Newton Circle, Fort White, FL 32038, hereinafter called Grantors, to **CHRISTOPHER H. GRIFFIN AND KACY A. GRIFFIN, HUSBAND AND WIFE**, whose post office address is 1211 SW Skyline Loop, Fort White, FL 32038, hereinafter called Grantees:

WITNESSETH, that the Grantors, for and in consideration of the sum of SIXTY THOUSAND AND NO/100 DOLLARS (\$60,000.00) and other valuable considerations to said Grantors in hand paid by said Grantees, the receipt whereof is hereby acknowledged, have granted, bargained, and sold to said Grantees, and Grantees' heirs, administrators, successors and assigns forever, the following described land situate, lying and being in Columbia County, Florida, to wit:

Lot 34 of an unrecorded subdivision known as CARDINAL FARMS

A parcel of and in Section 10, Township 6 South, Range 16 East, Columbia County, Florida, being more particularly described as follows:

Commence at the Southeast corner of Section 11, Township 6 South, Range 16 East, Columbia County, Florida and run thence South 88 degrees 19 minutes 59 seconds West along the South line of said Section 11 a distance of 5311.34 feet to the Southwest corner of Section 11; thence North 01 degrees 22 minutes 42 seconds West along the West line of Section 11, being also the East line of Section 10 a distance of 1330.05 feet to the Southeast corner of the North 1/2 of the Southeast 1/4 of Section 10; thence South 87 degrees 55 minutes 20 seconds West along the South line of the North 1/2 of the Southeast 1/4 of Section 10 a distance of 401.30 feet to the Point of Beginning; thence continue South 87 degrees 55 minutes 20 seconds West along said South line of the North 1/2 of the Southeast 1/4 of Section 10 a distance of 646.75 feet; thence North 01 degrees 21 minutes 04 seconds West a distance of 678.40 feet; thence North 88 degrees 38 minutes 56 seconds East a distance of 646.70 feet; thence South 01 degrees 21 minutes 04 seconds East a distance of 670.20 feet to the Point of Beginning.

Commonly Known As: 1211 SW Skyline Loop, Fort White, FL 32038
Parcel ID: R03815-134

Being all the same Property conveyed to Grantors by virtue of a Warranty Deed recorded
November 27, 2017 among the Official Property Records of Columbia County, Florida in Book
1348 at Page 1820 as Instrument 201712021580.

SUBJECT TO covenants, conditions, restrictions, easements, reservations, and limitations of record, if
any.

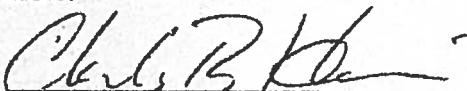
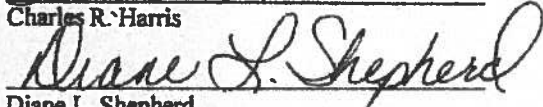
TOGETHER with all the tenements, hereditaments and appurtenances thereto belonging or in anywise
appertaining.

TO HAVE AND TO HOLD, the same in fee simple forever.

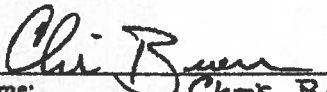
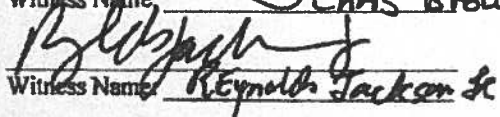
AND the Grantors hereby covenant with said Grantees that the Grantors are lawfully seized of said land
in fee simple; that the Grantors have good right and lawful authority to sell and convey said land; that the
Grantors do hereby warrant the title to said land and will defend the same against the lawful claims of all
persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to
the current tax year.

Whenever used, the singular name shall include the plural, the plural the singular, and the use of
any gender shall be applicable to all genders.

In witness whereof, Grantors have hereunto set their hands and seals the day and year first written
above.


Charles R. Harris

Diane L. Shepherd

Signed, sealed and delivered in our presence:

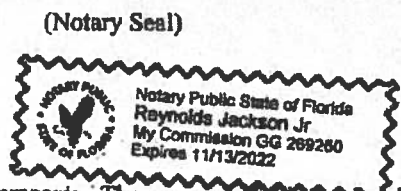

Witness Name: Chris Brown

Witness Name: Reynolds Jackson Jr

[ACKNOWLEDGMENT APPEARS ON THE FOLLOWING PAGE]

STATE OF Florida
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 31 day of May, 2019, by Charles R. Harris and Diane L. Shepherd, who are personally known to me or who have produced H. Deane as identification.

Reynolds Jackson Jr
Notary Public
Printed Name: Reynolds Jackson Jr
My Commission Expires: 11-13-2022



No title search was performed on the subject property by the preparer. The preparer of this deed makes neither representation as to the status of the title nor property use or any zoning regulations concerning described property herein conveyed nor any matter except the validity of the form of this instrument. Information herein was provided to preparer by Grantor/Grantee and /or their agents; no boundary survey was made at the time of this conveyance.



**COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST**

MINIMUM PLAN REQUIREMENTS: FLORIDA BUILDING CODE RESIDENTIAL 2017 EFFECTIVE 1 JANUARY 2018
AND THE NATIONAL ELECTRICAL 2014 EFFECTIVE 1 JANUARY 2018

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT FLORIDA BUILDING CODES RESIDENTIAL AND THE NATIONAL ELECTRICAL CODE. 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, FBC 1609.3.1 THRU 1609.3.3.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FLORIDA BUILDING CODE FIGURE 1609-A THROUGH 1609-C ULTIMATE DESIGN WIND SPEEDS FOR RISK CATEGORY AND BUILDINGS AND OTHER STRUCTURES

Revised 7/1/18

Website: <http://www.columbiacountyfla.com/BuildingandZoning.asp>

Items to Include-
Each Box shall be
Circled as
Applicable

**GENERAL REQUIREMENTS:
APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL**

Select From Drop down

1	Two (2) complete sets of plans containing the following:	<input checked="" type="checkbox"/>		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void	<input checked="" type="checkbox"/>		
3	Condition space (Sq. Ft.) <i>1579</i> Total (Sq. Ft.) under roof <i>1903</i>	Yes	No	NA

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 107.1.

Site Plan information including:

4	Dimensions of lot or parcel of land	<input checked="" type="checkbox"/>		
5	Dimensions of all building set backs	<input checked="" type="checkbox"/>		
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	<input checked="" type="checkbox"/>		
7	Provide a full legal description of property.	<input checked="" type="checkbox"/>		

Wind-load Engineering Summary, calculations and any details are required.

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		Yes	No	NA
8	Plans or specifications must show compliance with FBCR Chapter 3			
Select From Drop down				
9	Basic wind speed (3-second gust), miles per hour	<input checked="" type="checkbox"/>		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	<input checked="" type="checkbox"/>		
11	Wind importance factor and nature of occupancy	<input checked="" type="checkbox"/>		
12	The applicable internal pressure coefficient, Components and Cladding	<input checked="" type="checkbox"/>		
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.	<input checked="" type="checkbox"/>		

Elevations Drawing including:

14	All side views of the structure	- <input checked="" type="checkbox"/>		
15	Roof pitch	- <input checked="" type="checkbox"/>		
16	Overhang dimensions and detail with attic ventilation	- <input checked="" type="checkbox"/>		
17	Location, size and height above roof of chimneys	- <input checked="" type="checkbox"/>		
18	Location and size of skylights with Florida Product Approval	- <input checked="" type="checkbox"/>		
19	Number of stories	- <input checked="" type="checkbox"/>		
20	Building height from the established grade to the roofs highest peak	- <input checked="" type="checkbox"/>		

Mission:

To protect, promote & improve the health of all people in Florida through integrated state, county & community efforts.



Ron DeSantis
Governor
Scott A. Rivkees, MD
State Surgeon General

Vision: To be the Healthiest State in the Nation

LETTER OF AUTHORIZATION FOR AGENT

PERMIT # _____

This is to certify that I have personally authorized the following named individual to act as my agent in applying for and obtaining Onsite Sewage Disposal and Treatment permits from the Columbia County Health Department. I further certify that I am the legal owner of the property described in the permit and referenced below and have the right to install a sewage disposal system on it.

AUTHORIZED AGENT: William F. Ladson III

PROPERTY I.D.: 10-68-16-03815-134

OWNERS SIGNATURE: [Handwritten Signature]

DATE: 7-18-2019

PLEASE RETURN TO: ENVIRONMENTAL HEALTH
COURTHOUSE ANNEX BASEMENT
135 N.E. HERNANDO ST. STE 031
LAKE CITY, FL 32055

Floor Plan Including:

21	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	✓		
22	Raised floor surfaces located more than 30 inches above the floor or grade	✓-		
23	All exterior and interior shear walls indicated	✓		
24	Shear wall opening shown (Windows, Doors and Garage doors)	✓-		
25	Show compliance with Section FBCR 310 Emergency escape and rescue opening shown in each bedroom (net clear opening shown) and Show compliance with Section FBC 1405.13.2 where the opening of an operable window is located more than 72 inches above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches above the finished floor of the room in which the window is located. Glazing between the floor and 24 inches shall be fixed or have openings through which a 4-inch-diameter sphere cannot pass.	✓		
26	Safety glazing of glass where needed	✓-		
27	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 and chapter 24 of FBCR)	✓		
28	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails	✓-		
29	Identify accessibility of bathroom (see FBCR SECTION 320)	✓-		

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)

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

FBCR 403: Foundation Plans

		Select From Drop down		
30	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	✓		
31	All posts and/or column footing including size and reinforcing	✓		
32	Any special support required by soil analysis such as piling.	✓		
33	Assumed load-bearing value of soil Pound Per Square Foot	-		
34	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

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

FBCR 318: PROTECTION AGAINST TERMITES

37	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or Submit other approved termite protection methods. Protection shall be provided by registered termiticides	✓		
----	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---	--	--

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

38	Show all materials making up walls, wall height, and Block size, mortar type	✓		
39	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

40	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer	- ✓		
41	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or piers	- ✓		
42	Girder type, size and spacing to load bearing walls, stem wall and/or piers	- ✓		
43	Attachment of joist to girder	- ✓		
44	Wind load requirements where applicable	- ✓		
45	Show required under-floor crawl space	- ✓		
46	Show required amount of ventilation opening for under-floor spaces	- ✓		
47	Show required covering of ventilation opening	- ✓		
48	Show the required access opening to access to under-floor spaces	- ✓		
49	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & intermediate of the areas structural panel sheathing	- ✓		
50	Show Draftstopping, Fire caulking and Fire blocking	- ✓		
51	Show fireproofing requirements for garages attached to living spaces, per FBCR section 302.6	- ✓		
52	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
------------------------------------------------------------------------------------------------	--	--------------------------------------------------------------------

Select from Drop down

53	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	- ✓		
54	Fastener schedule for structural members per table FBC-R602.3.2 are to be shown	- ✓		
55	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	- ✓		
56	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	- ✓		
57	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBC-R602.7.	- ✓		
58	Indicate where pressure treated wood will be placed	- ✓		
59	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	- ✓		
60	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	- ✓		

FBCR :ROOF SYSTEMS:

61	Truss design drawing shall meet section FBC-R 802.10. 1 Wood trusses	- ✓		
62	Include a layout and truss details, signed and sealed by Florida Professional Engineer	- ✓		
63	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	- ✓		
64	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	- ✓		
65	Provide dead load rating of trusses	- ✓		

FBCR 802:Conventional Roof Framing Layout

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

FBCR 803 ROOF SHEATHING

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

ROOF ASSEMBLIES FRC Chapter 9

72	Include all materials which will make up the roof assembles covering	-	✓		
73	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			
------------------------------------------------------------------------------------------------	--	--------------------------------------------------------------------	--	--	--

Select from Drop Down

74	Show the insulation R value for the following areas of the structure	-	✓		
75	Attic space	-	✓		
76	Exterior wall cavity	-	✓		
77	Crawl space	-	✓		

HVAC information

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

Plumbing Fixture layout shown

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

Private Potable Water

83	Pump motor horse power	-	x		
84	Reservoir pressure tank gallon capacity	-	x		
85	Rating of cycle stop valve if used	-	x		

Don't know yet.

Electrical layout shown including

86	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	-	✓		
87	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	-	✓		
88	Show the location of smoke detectors & Carbon monoxide detectors	-	✓		
89	Show service panel, sub-panel, location(s) and total ampere ratings	-	✓		
90	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	-			
91	Appliances and HVAC equipment and disconnects	-			
92	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.	-			

Electrical Contractor

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 performed.

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

****ITEMS 95, 96, & 98 Are Required After APPROVAL from the ZONING DEPT.****

Select from Drop down

93	Building Permit Application A current Building Permit Application is to be completed, by following the Checklist all supporting documents must be submitted. There is a \$15.00 application fee. The completed application with attached documents and application fee can be mailed.	✓		
94	Parcel Number The parcel number (Tax ID number) from the Property Appraisers Office (386) 758-1083 is required. A copy of property deed is also required. www.columbiacountyfla.com	✓		
95	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058	-✓		
96	City of Lake City A City Water and/or Sewer letter. Call 386-752-2031	-✓		
97	Toilet facilities shall be provided for all construction sites	-i✓		
98	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.	-X		
99	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 (Municode.com)	X -		
100	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the approved FIRM Flood Maps show the property is in a AE, Floodway, and AH flood zones. Additionally One Foot Rise letters are required for AE and AH zones. In the Floodway Flood zones a Zero Rise letter is required.	X		
101	A Flood development permit is also required for AE, Floodway & AH. Development permit cost is \$50.00	-X		
102	Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. County Public Works Dept. determines the size and length of every culvert before instillation and completes a final inspection before permanent power is granted. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00) Separate Check when issued. If the project is to be located on an F.D.O.T. maintained road, then an F.D.O.T. access permit is required.	X -		
103	911 Address: An 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.	X		

Ordinance Sec. 90-75. - Construction debris. (e) It shall be unlawful for any person to dispose of or discard solid waste, including construction or demolition debris at any place within the county other than on an authorized disposal site or at the county's solid waste facilities. The temporary storage, not to exceed seven days of solid waste (excluding construction and demolition debris) on the premises where generated or vegetative trash pending disposition as authorized by law or ordinance, shall not be deemed a violation of this section. The temporary storage of construction and demolition debris on the premises where generated or vegetative trash pending disposition as authorized by law or ordinance shall not be deemed in violation of this section; provided, however, such construction and demolition debris must be disposed of in accordance with this article prior to the county's issuance of a certificate of occupancy for the premises. The burning of lumber from a construction or demolition project or vegetative trash when done so with legal and proper permits from the authorized agencies and in accordance with such agencies' rules and regulations, shall not be deemed a violation of this section. No person shall bury, throw, place, or deposit, or cause to be buried, thrown, placed, or deposited, any solid waste, special waste, or debris of any kind into or on any of the public streets, road right-of-way, highways, bridges, alleys, lanes, thoroughfares, waters, canals, or vacant lots or lands within the county. No person shall bury any vegetative trash on any of the public streets, road right-of-way, highways, bridges, lanes, thoroughfares, waters, canals, or lots less than ten acres in size within the county.

Code Version 2017

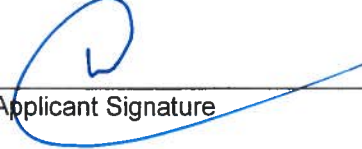
PRODUCT APPROVAL SPECIFICATION SHEET

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. Exterior Doors			
A. Swinging	Therma True	6'3" Single/Obt w/wood side lts	FL 15225.1 Exp: 12/31/21
B. Sliding			
C. Sectional			
D. Roll-up			
E. Automatic			
F. Other	CHI Overhead door	Garage Door/Steel	FL 15012 Exp: 12/31/21
2. Windows			
A. Single Hung	Silverline Bldg Prod	Extruded Vinyl Window/Multiing	FL 14911.1 Exp: 8/3/21
B. Horizontal Slider			
C. Casement			
D. Double Hung	Silverline Bldg Products	Extruded Vinyl Window/Multiing	FL 14911.1 Exp: 8/3/21
E. Fixed	Silverline Bldg Products	Extruded PVC Picture Window	FL 14918.2 Exp: 8/3/21
F. Awning			
G. Pass Through			
H. Projected			
I. Mullion			
J. Wind Breaker			
K. Dual Action			
L. Other	Silverline Bldg Prod	Twin/Single hung/Canthead	FL 14911.4 Exp: 8/3/21
3. Panel Walls			
A. Siding	James Hardee Bldg	Panel Walls Siding	FL 13192.1 Exp: 12/31/20
B. Soffits	Royal Bldg Products	Vinyl Soffit	FL 13139.1 Exp: 12/31/20
C. EIFS			
D. Storefronts			
E. Curtain Walls			
F. Wall Louver			
G. Glass Block			
H. Membrane			
I. Greenhouse			
J. Other			
4. Roofing Products			
A. Asphalt Shingles	IKO Industries	Asphalt Shingles	FL 7006.1 Exp: 12/31/20
B. Underlayments	Rwen Corning	Synthetic Roof Underlayment	FL 15216.1 Exp: 12/31/20
C. Roofing Fasteners			
D. Non-Structural Metal Roofing	Gulf Coast Supply	.032x16" AL Roof Panel	FL 11657.2 Exp: 4/12/24
E. Wood Shingles and Shakes			
F. Roofing Tiles			
G. Roofing Insulation			
H. Waterproofing			
I. Built Up Roofing Roof Systems			
J. Modified Bitumen			
K. Single Ply Roof Systems			

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
L. Roofing Slate			
M. Cements-Adhesives Coatings			
N. Liquid Applied Roof Systems			
O. Roof Tile Adhesive			
P. Spray Applied Polyurethane Roof			
Q. Other	<i>Gulf Coast Supply</i>	<i>.032 AL SV Crimp RecF/Non</i>	<i>FL 11651.1 Exp: 4/12/24</i>
5. Shutters			
A. Accordion			
B. Bahama			
C. Storm Panels			
D. Colonial			
E. Roll-up			
F. Equipment			
G. Other			
6. Skylights			
A. Skylight			
B. Other			
7. Structural Components			
A. Wood Connectors/ Anchors	<i>Simpson Strong Tie</i>	<i>Header Hangers/Wood Connectors</i>	<i>FL 10446.7 Exp: 12/31/19</i>
B. Truss Plates			
C. Engineered Lumber			
D. Railing			
E. Coolers-Freezers			
F. Concrete Admixtures			
G. Material			
H. Insulation Forms			
I. Plastics			
J. Deck Roof			
K. Wall			
L. Sheds			
M. Other			
8. New Exterior Envelope Product			
	<i>Dubont</i>	<i>Tyrec/underlayments</i>	<i>FL 20876.1 Exp: 1/1/20</i>

The products manufacturer, description, and approval numbers can be obtained from the Florida Building Code information system on the web @ [Florida Building Code Online](#). 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; and 3) copy of the applicable manufacturers installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection. A completed copy of this Product Approval Specification Sheet will be returned to Bay County Builders Services before a Certificate of Occupancy will be issued.


 Applicant Signature

July 29, 2019
 Date



Lumber design values are in accordance with ANSI/TPI 1 section 6.3
These truss designs rely on lumber values established by others.

RE: 1824314 -

MiTek USA, Inc.

6904 Parke East Blvd.
Tampa, FL 33610-4115

Site Information:

Customer Info: Kacy Griffin Res. Project Name: 1824314 Model: Custom
Lot/Block: 1 Subdivision: .
Address: ., 1211 SW Skyline Loop
City: Fort White State: FL

Name Address and License # of Structural Engineer of Record, if there is one, for the building.

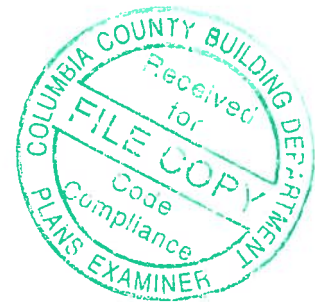
Name: License #:
Address:
City: State:

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):

Design Code: FBC2017/TPI2014 Design Program: MiTek 20/20 8.2
Wind Code: ASCE 7-10 Wind Speed: 130 mph
Roof Load: 32.0 psf Floor Load: N/A psf

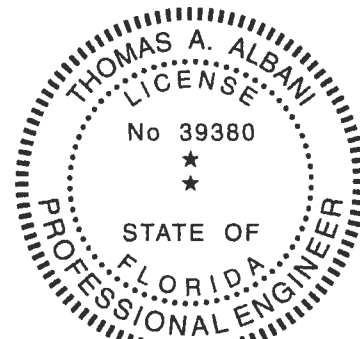
This package includes 10 individual, Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date
1	T17437395	T01	6/25/19
2	T17437396	T01G	6/25/19
3	T17437397	T02	6/25/19
4	T17437398	T04	6/25/19
5	T17437399	T05G	6/25/19
6	T17437400	T06	6/25/19
7	T17437401	T07G	6/25/19
8	T17437402	T08G	6/25/19
9	T17437403	T09	6/25/19
10	T17437404	T10	6/25/19



The truss drawing(s) referenced above have been prepared by MiTek USA, Inc. under my direct supervision based on the parameters provided by Builders FirstSource-Jacksonville.

Truss Design Engineer's Name: Albani, Thomas
My license renewal date for the state of Florida is February 28, 2021.



Thomas A. Albani PE No.39380
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

IMPORTANT NOTE: The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdiction(s) identified and that the designs comply with ANSI/TPI 1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes), which were given to MiTek or TRENCO. Any project specific information included is for MiTek's or TRENCO's customers file reference purpose only, and was not taken into account in the preparation of these designs. MiTek or TRENCO has not independently verified the applicability of the design parameters or the designs for any particular building. Before use, the building designer should verify applicability of design parameters and properly incorporate these designs into the overall building design per ANSI/TPI 1, Chapter 2.

June 25,2019

Job No. 1824314	Truss T01	Truss Type Roof Special	Qty 4	Ply 1	Job Reference (optional)	T17437395
--------------------	--------------	----------------------------	----------	----------	--------------------------	-----------

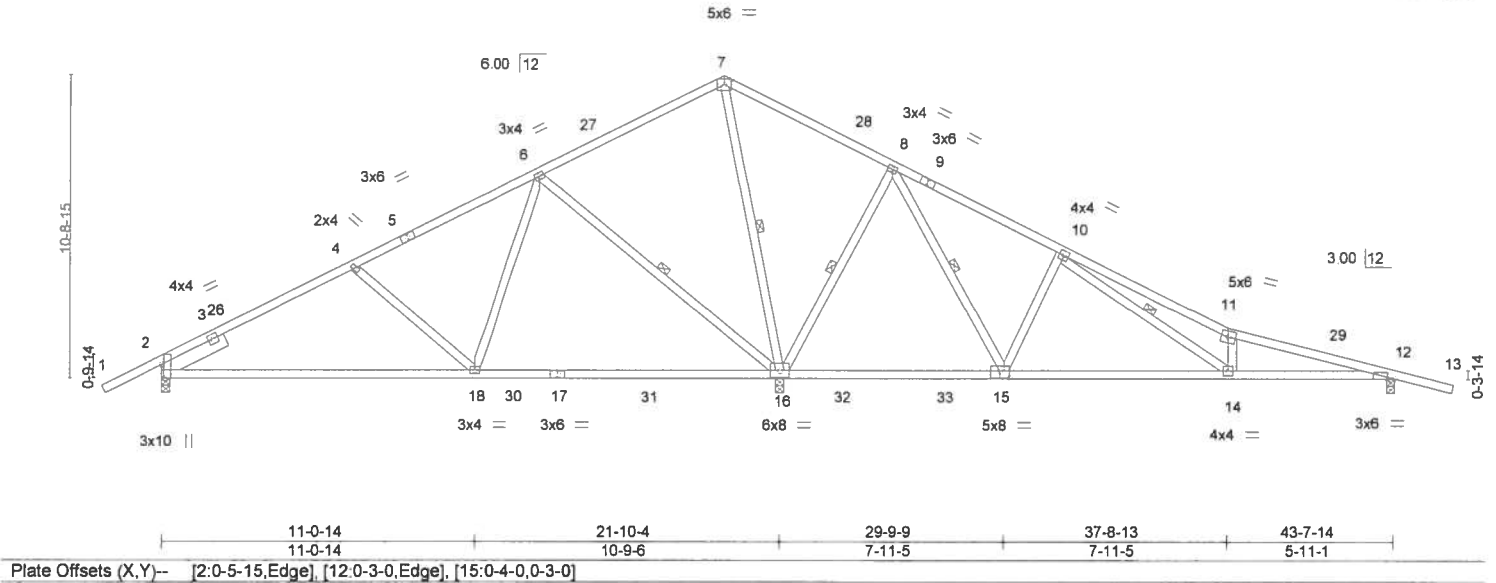
Builders FirstSource, Jacksonville, FL - 32244,

8 240 s Jun 8 2019 MiTek Industries, Inc. Tue Jun 25 13:28:33 2019 Page 1

ID:qyskvSNjVvVFFAJQmbOBlz2I9u-ekSnV4Ia70?dNHVY9mlPlwoFpSGdPxxb_PsV6z2jyi

-2-0-0	6-9-12	13-3-15	19-10-3	25-9-12	31-9-5	37-8-13	43-7-14	45-7-14	
2-0-0	6-9-12	6-6-4	6-6-4	5-11-9	5-11-9	5-11-9	5-11-1	2-0-0	

Scale = 1.79 7



LOADING (psf)	SPACING-	CS.	DEFL.	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.54	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.72	Vert(LL) -0.38 16-18 >692 240		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.58	Vert(CT) -0.47 16-18 >557 180		
BCDL 5.0	Code FBC2017/TPI2014	Matrix-MS	Horz(CT) 0.03 2 n/a n/a		
				Weight: 244 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No 2	TOP CHORD Structural wood sheathing directly applied or 5-1-9 oc purlins.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 5-10-0 oc bracing.
WEBS 2x4 SP No.3	WEBS 1 Row at midpt 6-16, 7-16, 8-16, 8-15, 10-14
SLIDER Left 2x6 SP No.2 2-6-0	

REACTIONS. (lb/size) 2=492/0-3-8, 16=2038/0-3-8, 12=486/0-3-8
 Max Horz 2=-154(LC 10)
 Max Uplift 2=-195(LC 12), 16=-693(LC 8), 12=-341(LC 9)
 Max Grav 2=651(LC 23), 16=2038(LC 1), 12=528(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-4=674/214, 4-6=-441/303, 6-7=-534/705, 7-8=-718/910, 8-10=-20/301, 10-11=-1121/1304, 11-12=-956/1069
 BOT CHORD 2-18=-225/590, 16-18=-320/590, 15-16=-460/663, 12-14=-952/898
 WEBS 4-18=-343/289, 6-18=-127/452, 6-16=-662/422, 7-16=-983/791, 8-16=-650/793, 8-15=-880/571, 10-15=-481/468, 10-14=-1310/1026, 11-14=-524/488

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCCL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) -2-0-13 to 2-3-10, Interior(1) 2-3-10 to 19-10-3, Exterior(2) 19-10-3 to 24-2-9, Interior(1) 24-2-9 to 45-8-5 zone; porch right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 195 lb uplift at joint 2, 693 lb uplift at joint 16 and 341 lb uplift at joint 12.

Thomas A. Albani PE No.39380
 MiTek USA, Inc. FL Cert 6834
 6904 Parke East Blvd. Tampa FL 33610
 Date:

June 25,2019

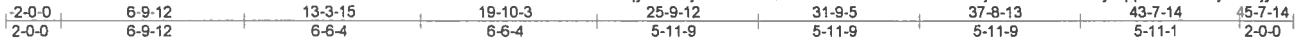
<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE</p> <p>Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing Indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314</p>	<p>6904 Parke East Blvd Tampa, FL 33610</p>
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------

Job 1824314	Truss T01G	Truss Type GABLE	Qty 1	Ply 1	Job Reference (optional) T17437396
----------------	---------------	---------------------	----------	----------	---------------------------------------

Builders FirstSource, Jacksonville, FL - 32244.

8.240 s Jun 8 2019 MiTek Industries, Inc. Tue Jun 25 13:28:40 2019 Page 1

ID:qyskvSNjVvVFFAJQmbO8lz2l9u-x5ORzTOzT9tejMXv3GOPBDi?yeqqmWJmCabjFCz2jyb



Scale = 1:83.4

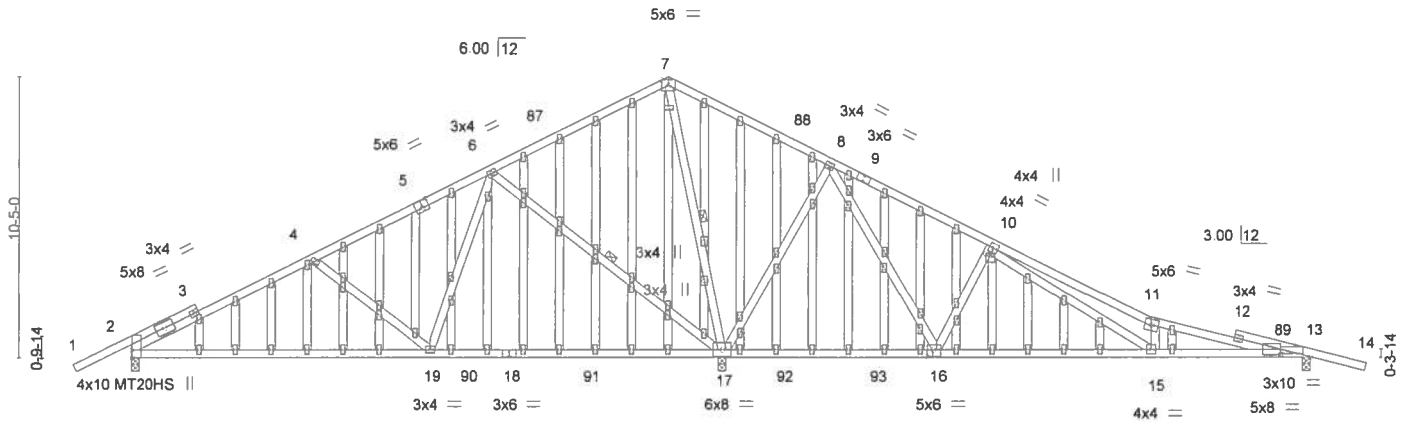


Plate Offsets (X,Y)--	11-0-14 11-0-14	21-10-4 10-9-6	29-9-9 7-11-5	37-8-13 7-11-5	43-7-14 5-11-1
	[2:0-3-8,Edge], [5:0-2-12,0-3-4], [5:0-0-0,0-1-12], [10:0-0-11,0-2-0], [13:1-1-4,0-1-6], [13:1-1-4,0-0-12], [16:0-2-8,0-3-0], [41:0-1-15,0-0-0]				

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP	
TCLL 20.0	Plate Grip DOL	1.25	TC 0.57	Vert(LL)	-0.36	17-19	>732	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.79	Vert(CT)	-0.48	2-19	>542	180	MT20HS	187/143
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.79	Horz(CT)	-0.02	13	n/a	n/a		
BCDL 5.0	Code	FBC2017/TPI2014	Matrix-S							
									Weight: 448 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 5-9-4 oc purlins.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except:
WEBS 2x4 SP No.3	10-0-0 oc bracing: 13-15.
OTHERS 2x4 SP No.3	WEBS 1 Row at midpt 6-17, 7-17

REACTIONS. (lb/size) 13=416/0-3-8, 2=422/0-3-8, 17=2176/0-3-8
 Max Horz 2=-153(LC 10)
 Max Uplift 13=-178(LC 9), 2=-187(LC 12), 17=-584(LC 13)
 Max Grav 13=445(LC 24), 2=633(LC 23), 17=2176(LC 1)


FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-4=-744/412, 4-6=-430/503, 6-7=-351/879, 7-8=-490/1131, 8-10=-158/517,
 10-11=-870/534, 11-13=-702/318
 BOT CHORD 2-19=-341/586, 17-19=-498/379, 16-17=-660/684, 15-16=-214/280, 13-15=-223/661
 WEBS 4-19=-365/430, 6-19=-211/461, 6-17=-668/668, 7-17=-1164/744, 8-17=-621/656,
 8-16=-415/549, 10-16=-442/452, 10-15=-671/1022, 11-15=-509/428

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCCL=4.2psf, BCCL=3.0psf, h=25ft, Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Corner(3) 2-0-13 to 2-3-10, Exterior(2) 2-3-10 to 19-10-3, Corner(3) 19-10-3 to 24-2-9, Exterior(2) 24-2-9 to 45-8-5 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - All plates are MT20 plates unless otherwise indicated.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable studs spaced at 1-4-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCCL = 5.0psf.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 178 lb uplift at joint 13, 187 lb uplift at joint 2 and 584 lb uplift at joint 17.

Thomas A. Albani PE No.39380
 MiTek USA, Inc. FL Cert 8634
 6904 Parke East Blvd. Tampa FL 33610
 Date:

June 25,2019

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.
 Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSITPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N Lee Street, Suite 312, Alexandria, VA 22314.



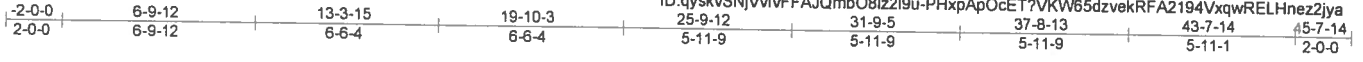
6904 Parke East Blvd
 Tampa, FL 33610

Job 1824314	Truss T02	Truss Type Roof Special Structural Gable	Qty 10	Ply 1	Job Reference (optional) T17437397
----------------	--------------	---------------------------------------------	-----------	----------	---------------------------------------

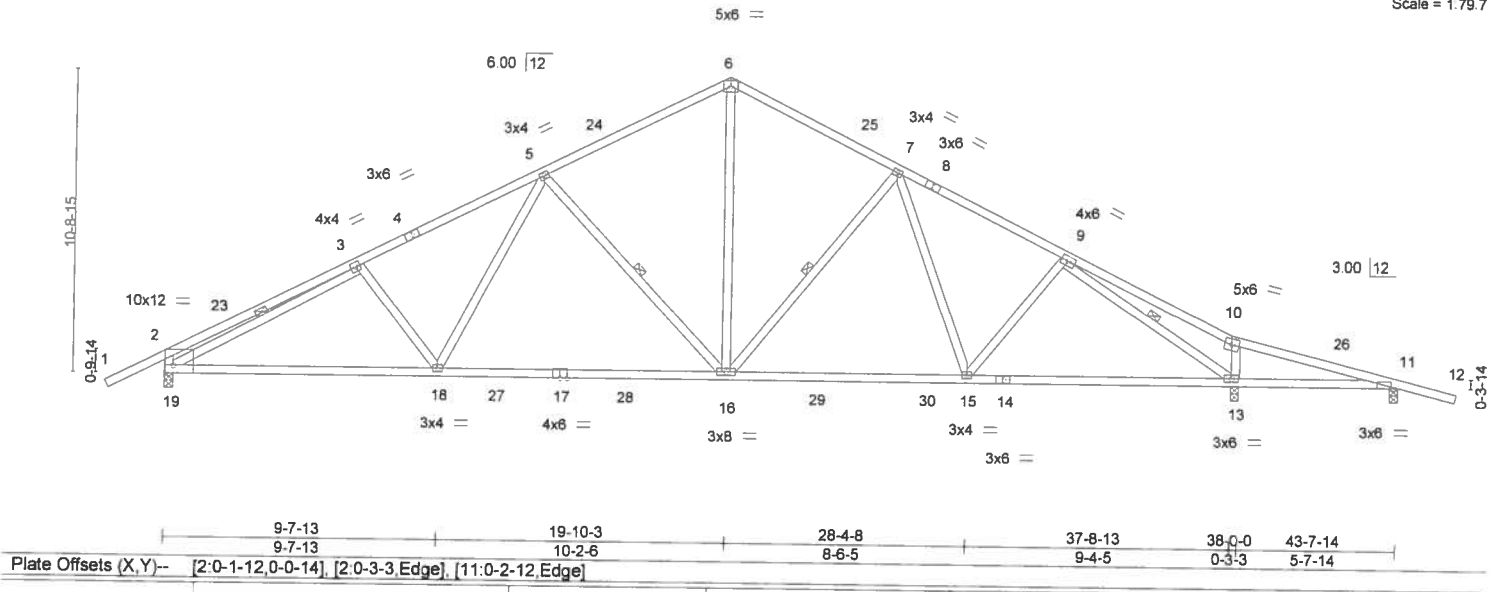
Builders FirstSource, Jacksonville, FL - 32244,

8.240 s Jun 8 2019 MiTek Industries, Inc. Tue Jun 25 13:28:41 2019 Page 1

ID:qyskvSNjVvlvFFAJQmbO8lz2l9u-PHxpApOcET7VKW65dzvekRFA2194VxqwRELHnez2jya



Scale = 1.79.7



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.49	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.85	Vert(LL) -0.37 16-18 >999 240		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.90	Vert(CT) -0.52 16-18 >872 180		
BCDL 5.0	Code FBC2017/TPI2014	Matrix-MS	Horz(CT) 0.09 13 n/a n/a		
				Weight: 248 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 4-0-14 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2x4 SP No.3	WEBS 1 Row at midpt 5-16, 7-16, 9-13, 3-19

REACTIONS. (lb/size) 19=1324/0-3-8, 11=269/0-3-8, 13=1422/0-3-8
 Max Horz 19=-153(LC 10)
 Max Uplift 19=-381(LC 12), 11=-237(LC 9), 13=-396(LC 13)
 Max Grav 19=1324(LC 1), 11=282(LC 24), 13=1422(LC 1)


FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-441/276, 3-5=-1833/899, 5-6=-1303/757, 6-7=-1293/766, 7-9=-1581/813, 2-19=-470/393
 BOT CHORD 18-19=-669/1732, 16-18=-505/1482, 15-16=-433/1321, 13-15=-501/1351
 WEBS 5-18=-99/360, 5-16=-549/376, 6-16=-429/846, 7-16=-424/295, 9-13=-1712/733, 10-13=-302/243, 3-19=-1609/763

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) -2-0-13 to 2-3-10, Interior(1) 2-3-10 to 19-10-3, Exterior(2) 19-10-3 to 24-2-9, Interior(1) 24-2-9 to 45-8-5 zone; porch right exposed, C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 381 lb uplift at joint 19, 237 lb uplift at joint 11 and 396 lb uplift at joint 13.

Thomas A. Albani PE No.39380
 MiTek USA, Inc. FL Cert 6634
 6904 Parke East Blvd. Tampa FL 33610
 Date:

June 25, 2019

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE Mii-7473 rev. 10/03/2015 BEFORE USE.
 Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSUTPH1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

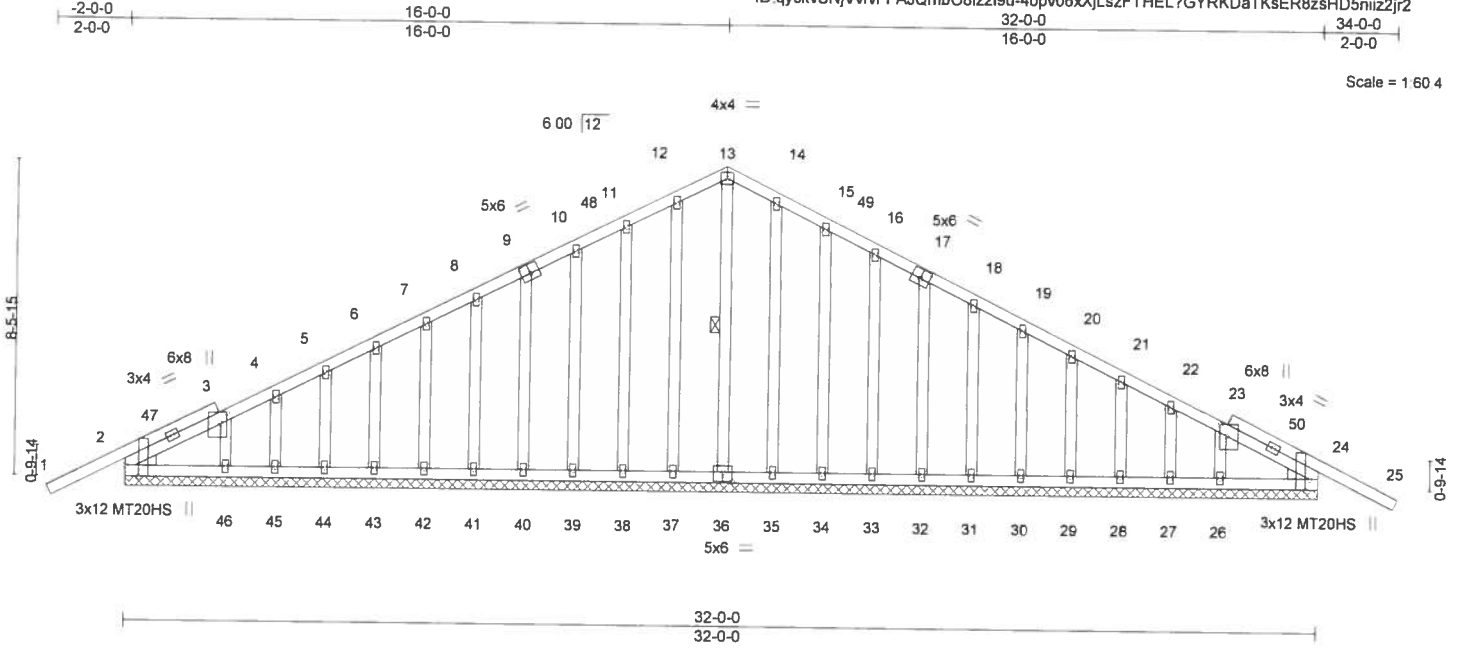


6904 Parke East Blvd
 Tampa, FL 36610

Job 1824314	Truss T07G	Truss Type GABLE	Qty 1	Ply 1	Job Reference (optional)	T17437401
----------------	---------------	---------------------	----------	----------	--------------------------	-----------

Builders FirstSource, Jacksonville, FL

8.240 s Jun 8 2019 MITek Industries, Inc. Tue Jun 25 14:36:43 2019 Page 1
ID.qyskvSNjvVivFFAJQmb08lz2l9u-40pv06xxJLszFTHel?GYRKDaTKsER8zsHD5niiz2jr2



Scale = 1/60 4

Plate Offsets (X, Y) -- [2:0-3-8, Edge], [3:0-3-10, 0-2-0], [9:0-3-0, 0-3-0], [17:0-3-0, 0-3-0], [23:0-3-10, 0-2-0], [24:0-3-8, Edge], [36:0-3-0, 0-3-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.35	Vert(LL) -0.02	25	n/r	120	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.06	Vert(CT) -0.03	25	n/r	120	MT20HS	187/143
BCLL 0.0 *	Rep Stress Incr YES	WB 0.08	Horz(CT) 0.01	24	n/a	n/a		
BCDL 5.0	Code FBC2017/TPI2014	Matrix-S						
							Weight: 257 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No.2
 OTHERS 2x4 SP No.3
 WEDGE
 Left: 2x4 SP No.3, Right: 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6'-0-0 oc purins.
 BOT CHORD Rigid ceiling directly applied or 10'-0-0 oc bracing.
 WEBS 1 Row at midpt 13-36

REACTIONS.

All bearings 32'-0-0.
 (lb) - Max Horz 2=126(LC 11)
 Max Uplift All uplift 100 lb or less at joint(s) 24, 37, 38, 39, 40, 41, 42, 43, 44,
 45, 46, 35, 34, 33, 2, 32, 31, 30, 29, 28, 27, 26
 Max Grav All reactions 250 lb or less at joint(s) 24, 36, 37, 38, 39, 40, 41, 42, 43,
 44, 45, 46, 35, 34, 33, 2, 32, 31, 30, 29, 28, 27, 26

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 10-48=-92/283, 11-48=-84/288, 11-12=-108/336, 12-13=-118/363, 13-14=-118/363,
 14-15=-108/335, 15-49=-84/287, 16-49=-92/283

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Corner(3) -2-0-13 to 1-1-10, Exterior(2) 1-1-10 to 16-0-0, Corner(3) 16-0-0 to 19-2-6, Exterior(2) 19-2-6 to 34-0-13 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- All plates are MT20 plates unless otherwise indicated.
- All plates are 2x4 MT20 unless otherwise indicated.
- Gable requires continuous bottom chord bearing.
- Gable studs spaced at 1'-4-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3'-6-0 tall by 2'-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 24, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 35, 34, 33, 2, 32, 31, 30, 29, 28, 27, 26.

Thomas A. Albani PE No.39380
 MITek USA, Inc. FL Cert 6634
 6904 Parke East Blvd. Tampa FL 33610
 Date:

June 25, 2019

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSITPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



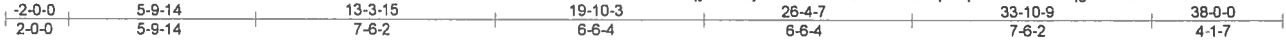
6904 Parke East Blvd.
 Tampa, FL 33610

Job 1824314	Truss T05G	Truss Type GABLE	Qty 1	Ply 1	Job Reference (optional) T17437399
----------------	---------------	---------------------	----------	----------	---------------------------------------

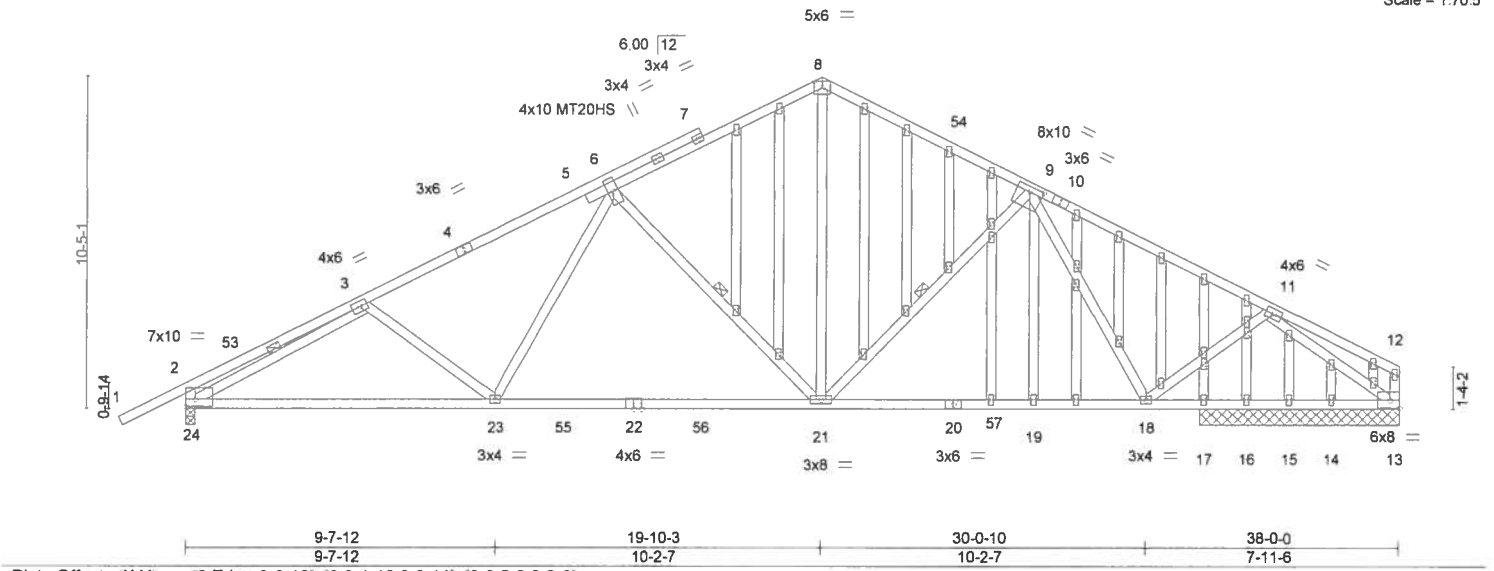
Builders FirstSource, Jacksonville, FL - 32244,

8.240 s Jun 8 2019 MiTek Industries, Inc. Tue Jun 25 13:28:44 2019 Page 1

ID:qyskvSNjVvlvFFAJQmbOBlz2l9u-qsdxprRUXON3Bzqgl6TLm3td0F9BilUm7CZxOz2jyX



Scale = 1:70.5



LOADING (psf)	SPACING-	CS.	DEFL.	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.76	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.96	Vert(LL) -0.39 21-23 >975 240	MT20HS	187/143
BCLL 0.0 *	Rep Stress Incr YES	WB 0.75	Vert(CT) -0.53 21-23 >715 180		
BCDL 5.0	Code FBC2017/TPI2014	Matrix-MS	Horz(CT) 0.08 13 n/a n/a		
				Weight: 329 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 2-9-3 oc purins, except end verticals.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 2x4 SP No.3	WEBS 1 Row at midpt 6-21, 9-21, 3-24
OTHERS 2x4 SP No.3	

REACTIONS. All bearings 6-3-8 except (jt=length) 24=0-3-8.
 (lb) - Max Horz 24=171(LC 12)
 Max Uplift All uplift 100 lb or less at joint(s) 15 except 13=285(LC 13), 17=171(LC 13), 16=407(LC 1), 24=371(LC 12)
 Max Grav All reactions 250 lb or less at joint(s) 16, 15, 14 except 13=895(LC 1), 17=656(LC 1), 24=1265(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 3-6=-1724/836, 6-8=-1195/709, 8-9=-1218/718, 9-11=-1235/669
 BOT CHORD 23-24=-711/1589, 21-23=-547/1373, 19-21=-469/1201, 18-19=-469/1199, 17-18=-527/1054, 16-17=-527/1054, 15-16=-527/1054, 14-15=-527/1054, 13-14=-527/1054
 WEBS 6-23=-49/352, 6-21=-566/373, 8-21=-382/703, 9-21=-354/256, 9-18=-394/142, 11-13=-1327/650, 2-24=-262/408, 3-24=-1853/767

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCCL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) 2-0-13 to 1-8-13, Interior(1) 1-8-13 to 19-10-3, Exterior(2) 19-10-3 to 23-7-12, Interior(1) 23-7-12 to 37-10-4 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - All plates are MT20 plates unless otherwise indicated.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable studs spaced at 1'-4" oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3'-6" tall by 2'-0" wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 15 except (jt=lb) 13=285, 17=171, 16=407, 24=371.

Thomas A. Albani PE No.39380
 MiTek USA, Inc. FL Cert 6634
 6904 Parke East Blvd. Tampa FL 33610
 Date:

June 25, 2019

<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSITPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.</p>	 6904 Parke East Blvd Tampa, FL 33610
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
1824314	T04	Common	5	1	

T17437398

Builders FirstSource, Jacksonville, FL - 32244,

8.240 s Jun 8 2019 MiTek Industries, Inc. Tue Jun 25 13:28:42 2019 Page 1

ID.qyskvSNjVvivFFAJQmbO8lz219u-uTVB09PE?n7MyghHBhRtGeoDuRuYEOO3gu4qJ5z2jyZ



5x6 =

Scale = 1.70 2

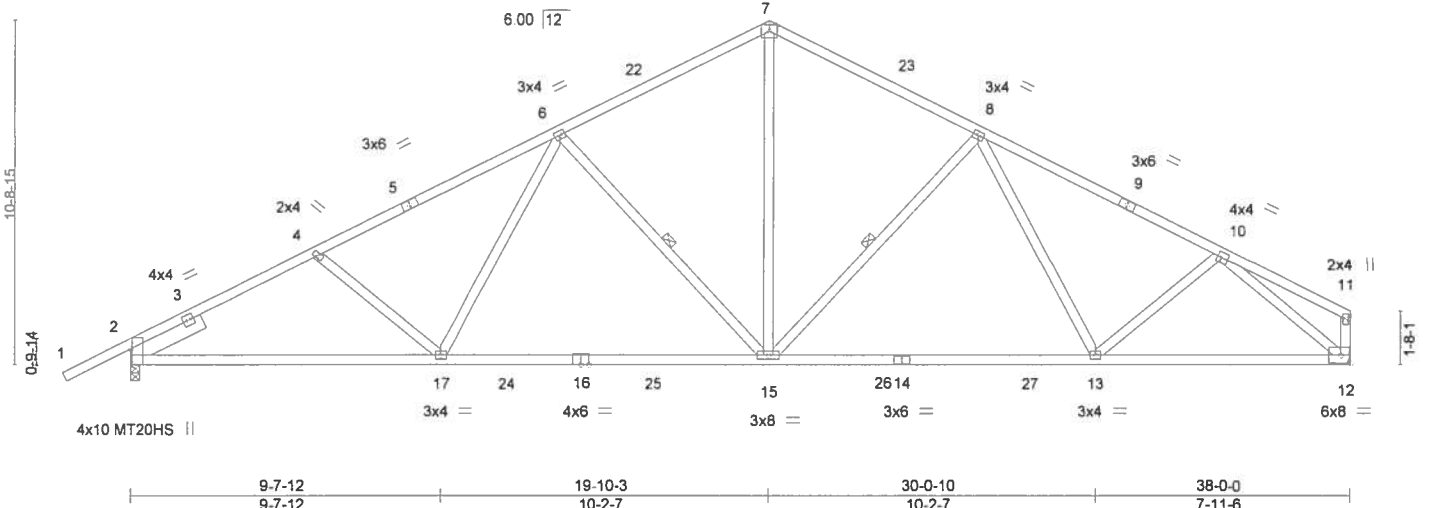


Plate Offsets (X,Y)--	[2.0-5.15,Edge]				
-----------------------	-----------------	--	--	--	--

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.99	Vert(LL)	-0.41 15-17	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.94	Vert(CT)	-0.58 15-17	>787	180	MT20HS	187/143
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.95	Horz(CT)	0.09 12	n/a	n/a		
BCDL 5.0	Code	FBC2017/TPI2014	Matrix-MS					Weight: 219 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 2x4 SP No.3	WEBS 1 Row at midpt 6-15, 8-15
SLIDER Left 2x6 SP No.2 2-6-0	


REACTIONS. (lb/size) 2=1326/0-3-8, 12=1208/Mechanical
 Max Horz 2=183(LC 12)
 Max Uplift 2=381(LC 12), 12=326(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-4=-2016/935, 4-6=-1846/885, 6-7=-1335/762, 7-8=-1332/775, 8-10=-1633/830
 BOT CHORD 2-17=-783/1754, 15-17=-600/1503, 13-15=-543/1377, 12-13=-613/1291
 WEBS 6-17=-68/332, 6-15=-569/385, 7-15=-450/889, 8-15=-444/318, 10-12=-1665/798

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; VuIt=130mph (3-second gust) Vasd=101mph; TCdL=4.2psf; BCdL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) -2-0-13 to 1-8-13, Interior(1) 1-8-13 to 19-10-3, Exterior(2) 19-10-3 to 23-7-12, Interior(1) 23-7-12 to 37-10-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) All plates are MT20 plates unless otherwise indicated.
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCdL = 5.0psf.
 - 6) Refer to girder(s) for truss to truss connections.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 381 lb uplift at joint 2 and 326 lb uplift at joint 12.

Thomas A. Albani PE No.39380
 MiTek USA, Inc. FL Cert 6634
 6904 Parke East Blvd. Tampa FL 33610
 Date:

June 25,2019

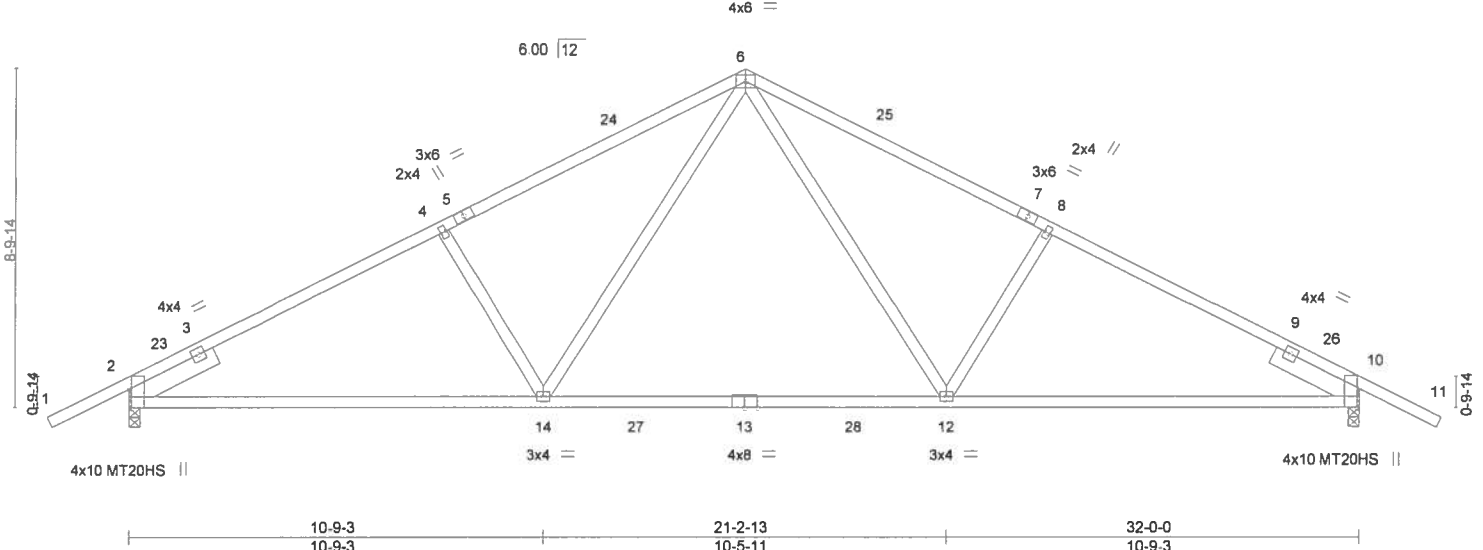
<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.</p>	 6904 Parke East Blvd Tampa, FL 33610
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------

Job 1824314	Truss T06	Truss Type Common	Qty 1	Ply 1	Job Reference (optional) T17437400
----------------	--------------	----------------------	----------	----------	---------------------------------------

Builders FirstSource, Jacksonville, FL - 32244,

8.240 s Jun 8 2019 MiTek Industries, Inc. Tue Jun 25 13:28:46 2019 Page 1

ID:qyskvSNjVvVFFAJQmbD8lz2I9u-mEliEXSk3?enRH_2QXVpRUyww2uyAJwfbW2Ssz2jyV



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.93	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.74	Vert(LL) -0.57 12-14 >676 240	MT20HS	187/143
BCLL 0.0 *	Lumber DOL 1.25	WB 0.46	Vert(CT) -0.71 12-14 >538 180		
BCDL 5.0	Rep Stress Incr YES	Matrix-MS	Horz(CT) 0.08 10 n/a n/a		
	Code FBC2017/TPI2014			Weight: 163 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied.
BOT CHORD 2x4 SP No.1	BOT CHORD Rigid ceiling directly applied or 8-6-15 oc bracing.
WEBS 2x4 SP No.3	
SLIDER Left 2x6 SP No.2 2-6-0, Right 2x6 SP No.2 2-6-0	


REACTIONS. (lb/size) 2=1136/0-3-8, 10=1136/0-3-8
 Max Horz 2=131(LC 11)
 Max Uplift 2=-325(LC 12), 10=-325(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-4=-1616/748, 4-6=-1444/755, 6-8=-1444/755, 8-10=-1616/747
 BOT CHORD 2-14=-496/1388, 12-14=-248/961, 10-12=-531/1381
 WEBS 6-12=-238/531, 8-12=-377/311, 6-14=-238/531, 4-14=-377/311

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCCL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) -2-0-13 to 1-1-10, Interior(1) 1-1-10 to 16-0-0, Exterior(2) 16-0-0 to 19-2-6, Interior(1) 19-2-6 to 34-0-13 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) All plates are MT20 plates unless otherwise indicated.
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 5.0psf.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=325, 10=325.

Thomas A. Albani PE No.39380
 MiTek USA, Inc. FL Cert 6834
 6904 Parke East Blvd. Tampa FL 33610
 Date:

June 25,2019

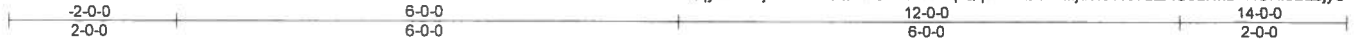
<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2016 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSITP11 Quality Criteria, DSB-88 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N Lee Street, Suite 312, Alexandria, VA 22314.</p>	 6904 Parke East Blvd Tampa, FL 36610
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------

Job 1824314	Truss T08G	Truss Type GABLE	Qty 1	Ply 1	Job Reference (optional) T17437402
----------------	---------------	---------------------	----------	----------	---------------------------------------

Builders FirstSource, Jacksonville, FL - 32244,

8.240 s Jun 8 2019 MiTek Industries, Inc. Tue Jun 25 13:28:49 2019 Page 1

ID:qyskvSNjVvlvFFAJQmbO8lz2I9u-ApQqsYVdLw0Mlljd5f3W37aZAG5LnnB5HUHI3Bz2jyS



Scale = 1/26.9

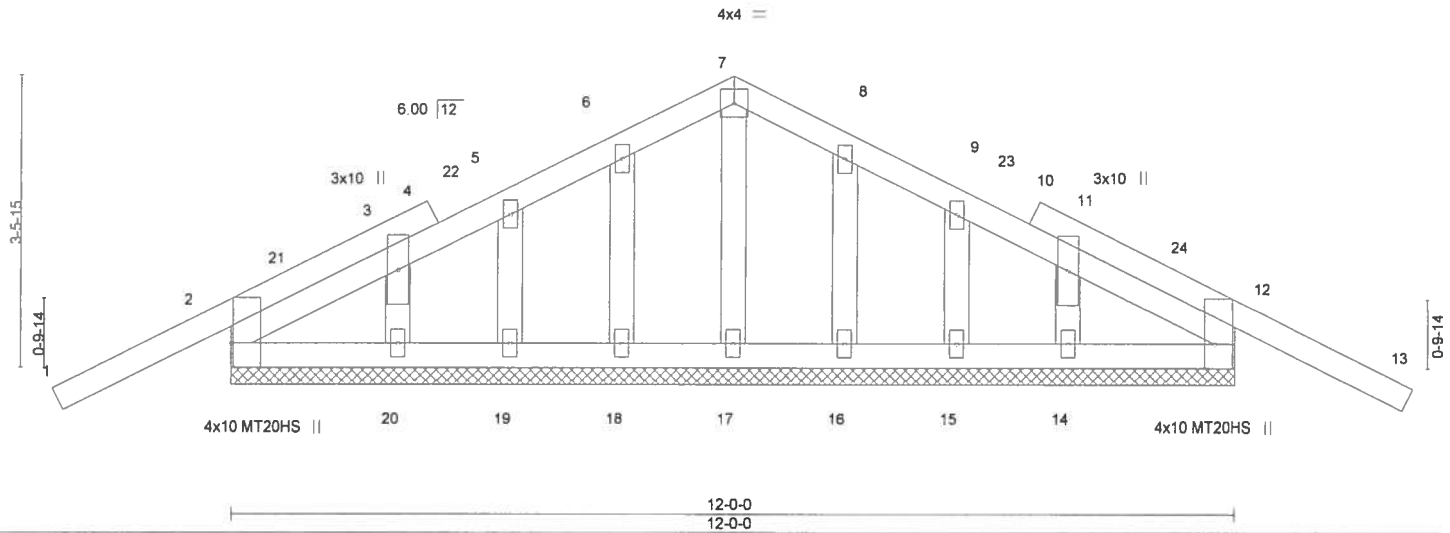


Plate Offsets (X,Y)--	[2-0-3-8,Edge], [12-0-3-8,Edge]				
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc)	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.41	Vert(LL) -0.02 13 n/r 120	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.06	Vert(CT) -0.03 13 n/r 120	MT20HS	187/143
BCLL 0.0 *	Rep Stress Incr YES	WB 0.05	Horz(CT) 0.00 12 n/a n/a		
BCDL 5.0	Code FBC2017/TPI2014	Matrix-S		Weight: 72 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 12-0-0.
(lb) - Max Horz 2=54(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 12, 18, 19, 20, 16, 15, 14
Max Grav All reactions 250 lb or less at joint(s) 2, 12, 17, 18, 19, 20, 16, 15, 14

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCCL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; End., GCpi=0.18; MWFRS (envelope) and C-C Corner(3) -2-0-13 to 0-11-3, Exterior(2) 0-11-3 to 6-0-0, Corner(3) 6-0-0 to 9-0-0, Exterior(2) 9-0-0 to 14-0-13 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - All plates are MT20 plates unless otherwise indicated.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Gable studs spaced at 1-4-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 12, 18, 19, 20, 16, 15, 14.

Thomas A. Albani PE No.39380
MiTek USA, Inc. FL Cert 8834
6904 Parke East Blvd. Tampa FL 33610
Date:

June 25,2019

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

MiTek
6904 Parke East Blvd
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
1824314	T09	Common	3	1	

T17437403

Builders FirstSource, Jacksonville, FL - 32244,

8.240 s Jun 8 2019 MiTek Industries, Inc. Tue Jun 25 13:28:50 2019 Page 1
ID:qyskvSNjVvlvFFAJQmbO8lz2I9u-f0_D3uVF6E8DvulqMalbK7IYfMP6D3FV80Fbdz2jyR

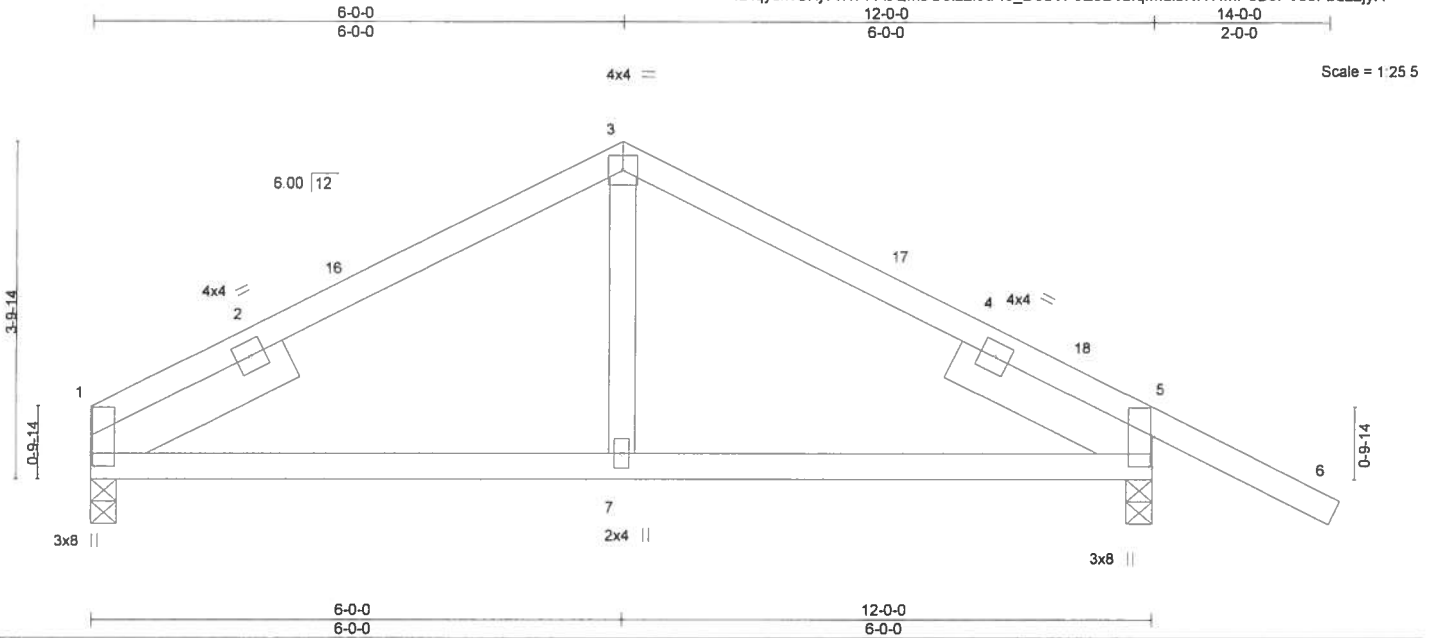


Plate Offsets (X,Y)--	[1:0-1-12,0-0-3], [5:0-4-3,0-0-3]				
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.37	Vert(LL) -0.04 7-10 >999 240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.26	Vert(CT) -0.05 7-10 >999 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.07	Horz(CT) 0.02 1 n/a n/a		
BCDL 5.0	Code FBC2017/TPI2014	Matrix-MS		Weight: 58 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	
SLIDER Left 2x6 SP No.2 2-6-0, Right 2x6 SP No.2 2-6-0	

REACTIONS. (lb/size) 1=374/0-3-8, 5=505/0-3-8
 Max Horz 1=-70(LC 17)
 Max Uplift 1=-103(LC 12), 5=-150(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-3=-403/301, 3-5=-408/284
 BOT CHORD 1-7=-126/350, 5-7=-126/350

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCCL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 6-0-0, Exterior(2) 6-0-0 to 9-0-0, Interior(1) 9-0-0 to 14-0-13 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=103, 5=150.

Thomas A. Albani PE No.39380
 MiTek USA, Inc. FL Cert 8834
 6904 Parke East Blvd. Tampa FL 33610
 Date:

June 25, 2019

<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.</p> <p>Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.</p>	<p>6904 Parke East Blvd Tampa, FL 33610</p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------

Job 1824314	Truss T10	Truss Type Common Girder	Qty 1	Ply 2	Job Reference (optional) T17437404
----------------	--------------	-----------------------------	----------	----------	---------------------------------------

Builders FirstSource, Jacksonville, FL - 32244,

8,240 s Jun 8 2019 MiTek Industries, Inc. Tue Jun 25 13:28:51 2019 Page 1
ID:qyskvSNjVvIvFFAJQmbO8Iz2I9u-7CYbHEWtYG4X2t0C45_8Ygxa3h0rXQOomp83z2jyQ



Scale = 1:26.3

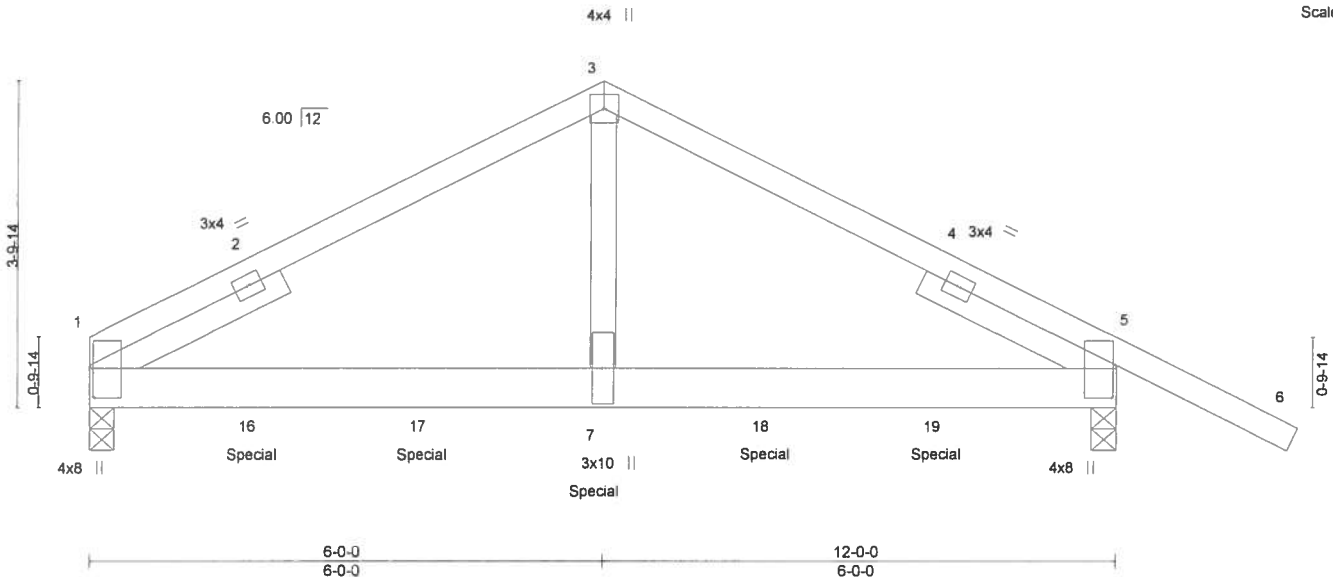


Plate Offsets (X,Y)-- [1,0-4-3,0-0-7], [5:0-4-10,0-0-7]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.29	Vert(LL)	-0.06	7-10	>999	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.37	Vert(CT)	-0.10	7-10	>999		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.70	Horz(CT)	0.01	1	n/a		
BCDL 5.0	Rep Stress Incr NO	Matrix-MS						
	Code FBC2017/TPI2014						Weight: 127 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 5-10-6 oc purlins.
BOT CHORD 2x6 SP M 26	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	
SLIDER Left 2x4 SP No.3 2-6-0, Right 2x4 SP No.3 2-6-0	

REACTIONS. (lb/size) 1=3395/0-3-8, 5=3476/0-3-8
Max Horz 1=-70(LC 32)
Max Uplift 1=-941(LC 8), 5=-974(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-4379/1239, 3-5=-4379/1246
BOT CHORD 1-7=-1048/3916, 5-7=-1048/3916
WEBS 3-7=-1001/3684

- NOTES-**
- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
 - All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
 - Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=25ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=941, 5=974.
 - Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1198 lb down and 336 lb up at 1-11-4, 1198 lb down and 336 lb up at 3-11-4, 1198 lb down and 336 lb up at 5-11-4, and 1198 lb down and 336 lb up at 7-11-4, and 1198 lb down and 336 lb up at 9-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-6=-54, 8-12=-10

Thomas A. Albani PE No.39380
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

June 25, 2019

Continued on page 2

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSITPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N Lee Street, Suite 312, Alexandria, VA 22314.



6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
1824314	T10	Common Girder	1	2	

T17437404

Builders FirstSource, Jacksonville, FL - 32244,

8.240 s Jun 8 2019 MiTek Industries, Inc Tue Jun 25 13:28:51 2019 Page 2
 ID:qyskvSNjVvlvFFAJQmbO8lz2I9u-7CYbHEWtYG4X2t0C45_8Ygxa3h0rXQOkomp83z2jyQ

LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 7=-1198(B) 16=-1198(B) 17=-1198(B) 18=-1198(B) 19=-1198(B)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

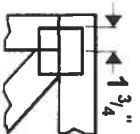
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see *ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information* available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



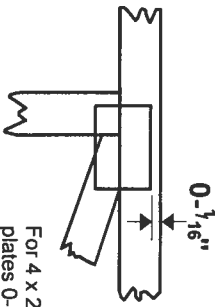
6904 Parke East Blvd
 Tampa, FL 33610

Symbols

PLATE LOCATION AND ORIENTATION



Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and fully embed teeth.



For 4 x 2 orientation, locate plates 0- $\frac{1}{16}$ " from outside edge of truss.

— This symbol indicates the required direction of slots in connector plates.

* Plate location details available in MITek 20/20 software or upon request.

PLATE SIZE

4 X 4

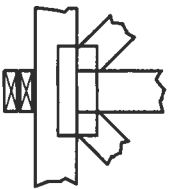
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



Indicated by symbol shown and/or by text in the bracing section of the output. Use T or I bracing if indicated.

BEARING



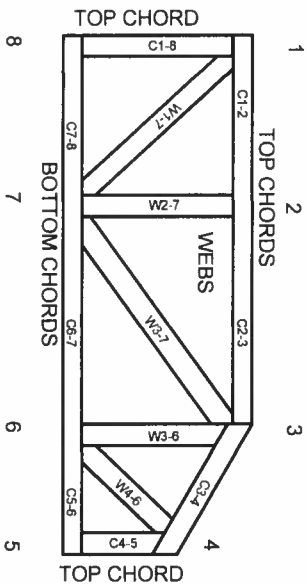
Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

ANSI/TP1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System

6-4-8 dimensions shown in ft-in-sixteenths (Drawings not to scale)



JOINTS ARE GENERALLY NUMBERED/CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

PRODUCT CODE APPROVALS

ICC-ES Reports:

ESR-1311, ESR-1352, ESR1988
ER-3907, ESR-2362, ESR-1397, ESR-3282

Trusses are designed for wind loads in the plane of the truss unless otherwise shown.

Lumber design values are in accordance with ANSI/TP1 section 6.3. These truss designs rely on lumber values established by others.

© 2012 MITek® All Rights Reserved



MITek Engineering Reference Sheet: Mill-7473 rev. 10/03/2015



General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative Top or I bracing should be considered.
3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TP1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TP1.
8. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purflins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with ANSI/TP1 Quality Criteria.

HATCH LEGEND

8' 1-1/8"



General Notes:
 - For AC308 (11-2002) all "Truss to Wall" connections are the responsibility of the Building Designer. The Designer shall provide the appropriate details. Use Kwikonk for connections for all hanger connections unless noted otherwise.
 - All hangers are to be 8" x 1 1/2"
 - Use 1/2" x 4" x 1 1/2" hangers for trusses to angle. (1/2" gusset trusses)
 - Dimensions are Feet (in Inch Fractions)
 - Dimensions are Feet (in Inch Fractions)

Notes:
 - All work shown will be accepted by Builders. Kwikonk details approved in writing from Builders. All hangers are to be 8" x 1 1/2" unless otherwise noted. All hangers are to be galvanized steel. All hangers are to be installed with one end of the hanger welded on. All hangers must have an approved hanger applied first.

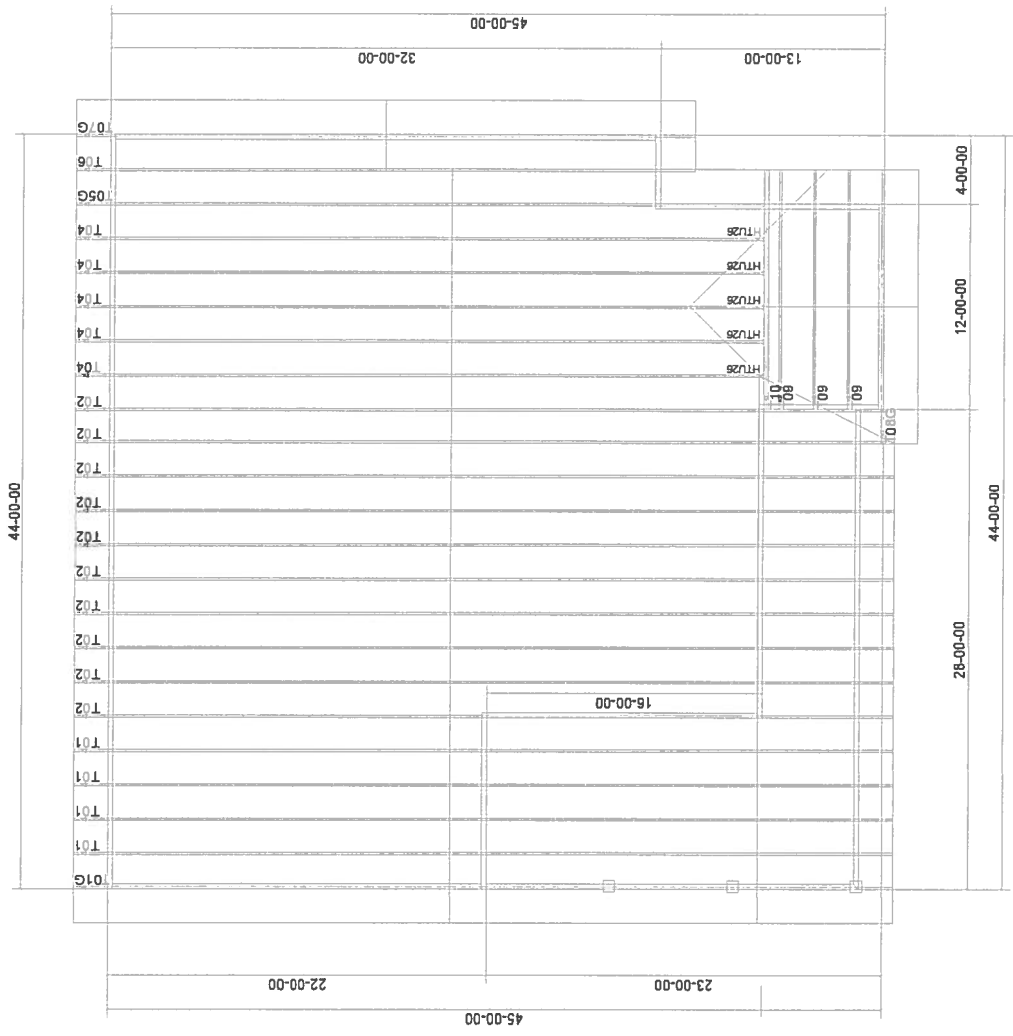
Refer to 8107(1) Summary Sheet for handling, storage, and installation instructions. Truss pins to be used in all truss connections. Truss pins to be used in all truss connections. It is the responsibility of the Contractor to ensure that the proper orientation of the truss placement plate as to the construction documents and field conditions of the project is maintained. The Contractor shall be responsible for providing all necessary materials and labor required. It will be supplied at the contractor's expense.

It is the responsibility of the Contractor to make sure the placement of trusses are adjusted for plumbness and level. The trusses do not interfere with floor joists.
 All common framed roof or floor girders must be designed as to meet imposed any loads on the floor trusses below. The floor trusses have not been designed to carry any additional loads from above.
 This truss placement plate is made by an aluminum extrusion. The truss placement plate is not to be used as a structural grade and does not require a seal. Complete truss engineering and design shall be provided by the truss design engineer which may be sealed by the truss design engineer.
 Galvalume trusses require additional bottom chord bracing. Refer to field notes for wall framing requirements.

Although all attempts have been made to do so, trusses are not guaranteed to be free from defects. The manufacturer shall be responsible for the proper orientation and placement of the trusses.

Builders FirstSource
 Prescott
 PHONE: 808-835-4341
 FAX: 808-835-4322
 Jacksonville
 PHONE: 904-616-1900
 FAX: 904-772-1073
 Tampa
 PHONE: 813-621-0831
 FAX: 813-628-8556

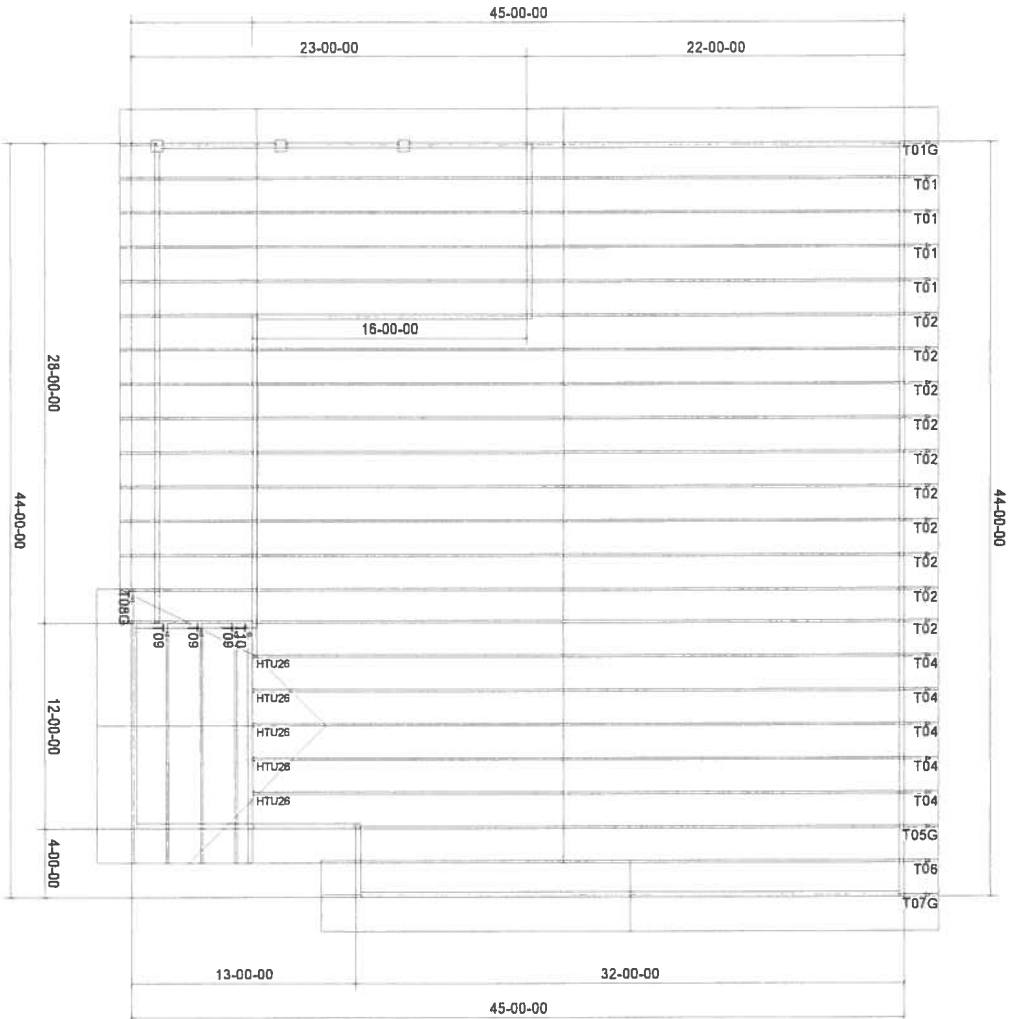
Kacy Griffin Ren.
 1211 SW Skyline Loop
 Custom
 6/25/19 CLY 1854314
 N/A N/A 1824314



NOTE:
 3/12 AND 6/12 ROOF PITCH
 2' O.H.
 207/15 ROOF LOADING
 EXPOSURE "C"
 VALLEY FRAMING BY OTHERS
 TRUSSES 2' O.C. U.N.O.

Truss Connector Total List	Manuf.	Product	Qty
Simpson	HTU26	5	

MITEK PLATE APPROVAL #S 2197.2-2197.4, WEYERHAUSER PRODUCT #S 1630.2-1630.10, LP PRODUCTS LVL: FL15228-R3, LPI: FL15401-R4



Truss Connector	Total List
Brand	Product
Quantity	Qty
Simpson	HTU26
	5

NOTE:
 3/12 AND 6/12 ROOF PITCH
 2' O.H.
 207/15 ROOF LOADING
 EXPOSURE "C"
 VALLEY FRAMING BY OTHERS
 TRUSSES 2' O.C. U.N.O.

HATCH LEGEND



General Notes

- Per ASCE 7-10, all "Truss to R/C" connections are the responsibility of the building engineer.
- The Manufacturer's specifications for all hanger connections shall be followed.
- All hangers are to be Simpson or equivalent, U110 - 1/2" x 1 1/2" rods in hanger connections to angle.
- Trusses are not designed to support back U110.
- Dimensions are given in feet and inches.

Notes

1. All hangers will be accepted by Builders' Representative unless approved in writing first.

2. All lumber as shown is true S-P-F. Any ACQ lumber that comes in contact with truss plates to be checked on field must have an approved barrier applied.

3. Refer to Part 01 21 00 Framing for details for building trusses and framing of steel truss connections.

4. It is the responsibility of the Contractor to ensure the proper orientation of the truss plates of plates as to the truss members and to ensure that the truss plates are properly installed and fastened as required. It will be applied at no cost to the Builders' Representative.

5. It is the responsibility of the Contractor to make sure that the truss plates are properly installed and fastened as required. It will be applied at no cost to the Builders' Representative.

6. All trusses shall be designed to meet the design requirements of the building engineer.

7. All trusses shall be designed to meet the design requirements of the building engineer.

The truss drawings that are not covered by an engineer, but rather by the Builders' Representative and are to be used as an installation guide and analysis can be found on the truss design drawings which may be needed by the truss design engineer. Call or email us for more information on our truss design services. Refer to Part 01 21 00 Framing for details for building trusses and framing of steel truss connections.

All truss drawings have been made to be truss members and are to be used as an installation guide and analysis can be found on the truss design drawings which may be needed by the truss design engineer. Call or email us for more information on our truss design services. Refer to Part 01 21 00 Framing for details for building trusses and framing of steel truss connections.

Builders FirstSource

Report
 PHONE: 860-831-4341
 FAX: 860-831-4632
 Jacksonville
 PHONE: 904-772-9100
 FAX: 904-772-1072
 Tampa
 PHONE: 813-983-1198
 FAX: 813-983-8056

Key: Griffin Res.
 1211 SW Skyline Loop

Custom	CLY	1824314
6/25/19		
N/A	N/A	1824314

MITTEK PLATE APPROVAL #S 2197.2-2197.4, WEYERHAEUSER PRODUCT #S 1630.2-1630.10, LP PRODUCTS LV: FL15228-R3, LPI: FL15401-R4

JANIS Engineering Group, Inc.

Geotechnical Drilling, Soil Testing, & Engineering

1400 VILLAGE SQUARE BLVD; SUITE 3-155
TALLAHASSEE, FLORIDA 32312

(850) 576-1281 FAX (850) 201-6736
office@janiseng.com CA# 9604

1211 SW Skyline Loop

Job Location

Columbia Florida

County State

Walter Family Homes, LLC (Griffin)

Contact

7/17/2019

Date

Revised

Prepared by: James Spinnenweber, P.E. #52106

Specifications for Wind Analysis:

130 MPH WIND VELOCITY, EXPOSURE "B"

Per Florida Building Code 6th EDITION (2017), Based on calculations as per ASCE 7-10 Velocity Pressure: 25.74 psf

Importance Factor: <u>1</u>	Top Plate Species: <u>SPF</u>	Wall Framing Species: <u>SPF</u>
Building Category: <u>II</u>	Mean Roof Height: <u>14.15'</u>	Max. Stud Ht., excluding vaults: <u>9'</u>
Wind Exposure: <u>B</u>	End Zone Length: <u>10'</u>	Stud Spacing: <u>16"</u>
Internal Pressure Coefficient: <u>0.18</u>	Roof Slope: <u>6:12</u>	Max. Overhang: <u>24"</u>

Hurricane Clips (HC): Simpson Strong-Tie (or equal) as shown or per Truss Manufacturer - See note 12

Truss Location	Model # @ End Zone	Model # @ Interior Zone
Main Structure	1-Simpson H10ASS	1-Simpson H2A
Porch Trusses	1-Simpson H10ASS	1-Simpson H2A
Girder Truss	Per Truss Company	Per Truss Company

Roof Sheathing: 7/16" OSB Sheathing

Nailing Pattern

Fastener: 8d Ring Shank Edges (perimeter) 6" c.c. Field 6" c.c.
Edge nail spacing to be 4" for the first panel at all eaves and gables

Wall Bracing: 7/16" OSB Sheathing

100% continuous on all exterior Stud walls

See page 3 for shear wall specifications

Nailing Pattern

Fastener: 8d Edges (perimeter) 6" c.c. Field 12" c.c.

Wall Straps: Simpson Strong-Tie (or equal)

Top

Bottom

Model: SPH4 w/12-10d nails Spacing 1st level: SPH4 @ 48" C.C. SPH4 @ 48" C.C.
Model: LSTA12 @ headers Spacing 2nd level: _____
Model: _____ Spacing 3rd level: _____

Space connectors @ 48" c.c. & @ 32" c.c. for the 1st 96" each way from each corner, unless otherwise noted.

Use SPH6 for 6" studs, SPH8 for 8" studs. SP4/6/8 connectors @ 32" c.c. (16" c.c. for the 1st 96") may be used in lieu of SPH4/6/8.

See Note 5 below

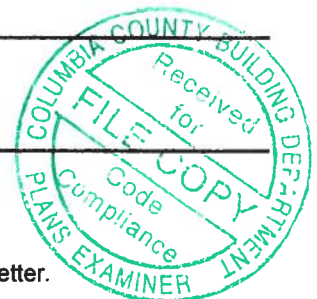
Anchor Bolts: 1/2" dia. x 10" long (or Simpson TITEN HD 1/2" x 6") with 2" washers.

Spacing along wall: 48" c.c. Spacing from each corner: 6" & 18"

When curb conditions exist add length to anchor bolts equal to the curb height.

General Notes:

1. Girder trusses require special attention for uplift requirements. See truss company drawings.
2. All studs over 12' to be spaced @ 12" c.c..
3. All load bearing and shear walls to be framed with a minimum 2 x 4 No.2 grade SPF studs or better.
4. Alternate hurricane clips may be used meeting minimum specifications as noted above.
5. See Sheet S-3 for optional hold-down connection types.
6. For shear wall lengths, types & locations see Shear Wall Load Data tables and Location Plan(s).
7. For shear wall specifications & nail spacing requirements see Shear Wall Specifications.
8. N/A
9. For interior shear walls see attached details for anchorage type and spacing.
10. Interior shear walls (see shear wall load data tables and location plan.)
11. Two anchor bolts each way from corners for exterior walls over 10' long.
12. See sheet S-1 for Alternate Rafter/Truss to wall connections.

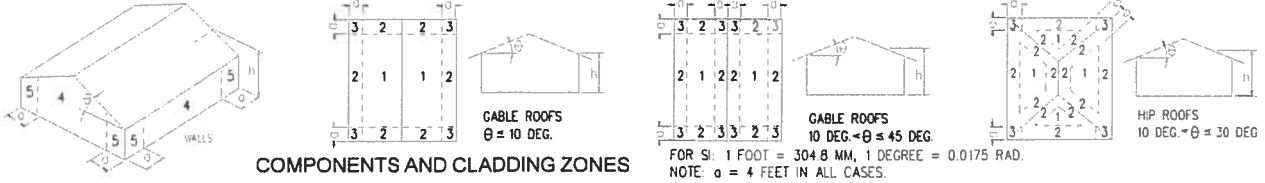


Design Pressures

Components and Cladding Pressures

ROOF ZONES	WIND LOADS [Pressure (psf)]		
1	Pressure:	17.50	Suction: -27.80
2	Pressure:	17.50	Suction: -27.80
3	Pressure:	17.50	Suction: -71.56

WALL ZONES	WIND LOADS [Pressure (psf)]		
4	Pressure:	30.38	Suction: -32.95
5	Pressure:	30.38	Suction: -40.67



Main Wind Force Resisting Systems (MWFRS)

ROOF ZONES	WIND LOADS [Pressure (psf)]		
2	End Zone:	-32.18	Interior Zone: -22.40
3	End Zone:	-19.69	Interior Zone: -16.14

WALL ZONES	WIND LOADS [Pressure (psf)]		
1	End Zone:	23.37	Interior Zone: 18.78
4	End Zone:	-18.40	Interior Zone: -16.22

Notes:

1. Install Simpson sheathing clip PSCL @ 24" c.c. for roof sheathing.
2. Gable ends per attached details. For vaulted ceilings, balloon framing is required.
3. Provide continuous structural sheathing on gable ends and block all edges on sheathing.
4. See attached pages for column locations and connections.
5. Minimum of two rows of blocking for studs over 10', 3 rows for over 16', 4 rows for over 20'.
6. Block walls to have 1-#5 vertical bar @ 6' c.c. maximum spacing from footing to top lintel and a #5 continuous horizontal bar @ top lintel for wind loading. (Verify for other structural conditions)

Header Table for Horizontal and Uplift Loading Only *		
Span (FT.)	Header Size	(2 x) cripples per end
0' - 4'-2"	2-2x6 w/7/16" OSB Flitch Plate	1
4'-2" - 6'-2"	2-2x8 w/7/16" OSB Flitch Plate	2
6'-2" - 10'-2"	2-2x12 w/7/16" OSB Flitch Plate	3
10'-2" - 14'-2"	3 1/2" x 11 1/4" LVL (or equal)	3
14'-2" - 18'-2"	3 1/2" X 14" LVL (or equal)	4

Pre-Eng. header stock may be used. (per manufacturer). Beams over 18'-2" to be Pre-Engineered.

* Header table is for in wall headers over windows, doors & openings. Builder to verify all header and beam sizes for other loading conditions.

7/17/2019

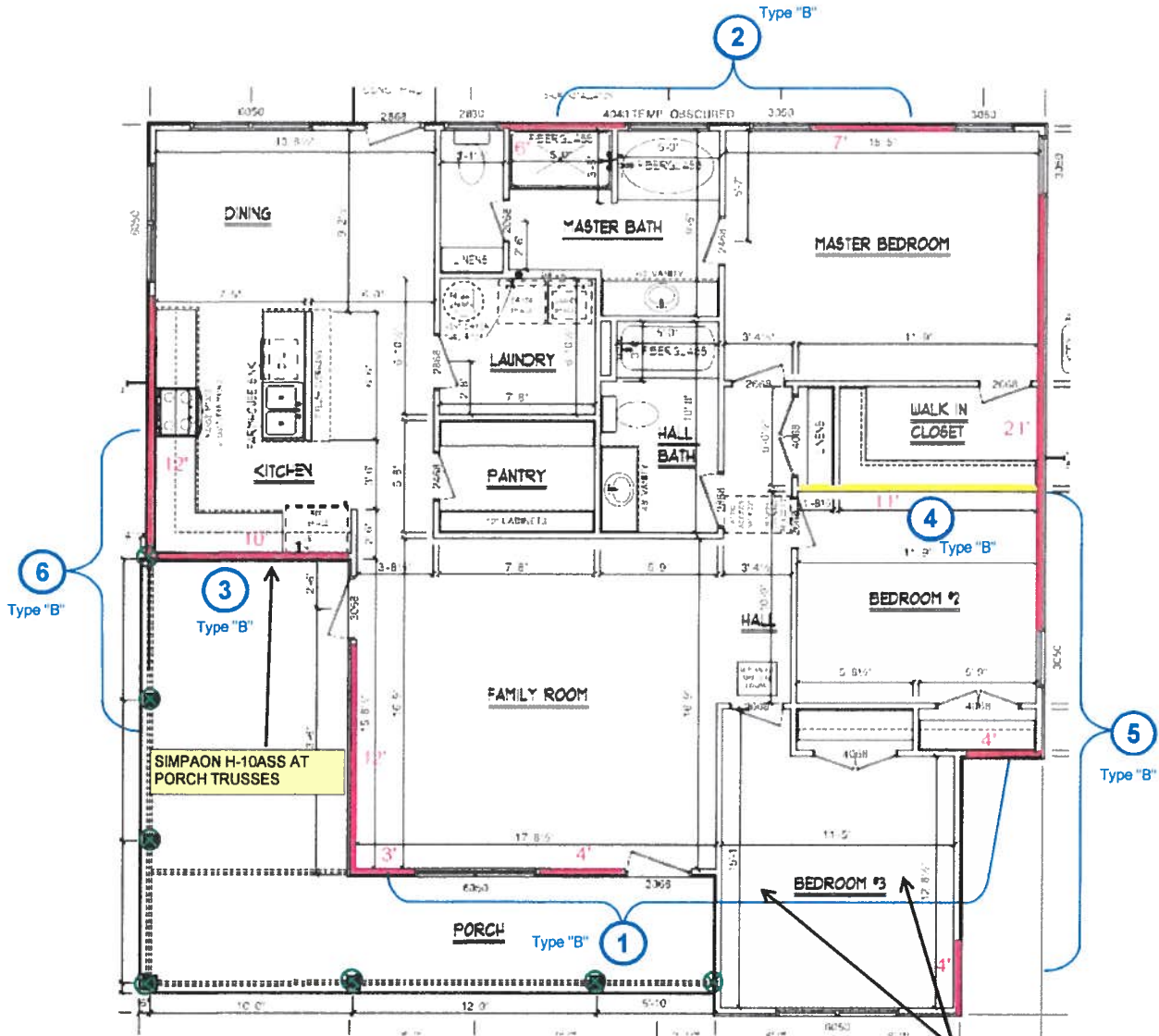
Shear Wall Load Data

NOTE: See Panel Type Specifications below & Page L-1.

Floor Level	Wall Number	Exterior Interior	Panel Type	Capacity (plf)	Length (ft)	Unit Shear (plf)	Actual Load (lbs)	Capacity (lbs)	Capacity % Used
	LONGITUDINAL WALLS								
	1	exterior	B	350.00	11	242.82	2670.98	3850.00	69.38
	2	exterior	B	350.00	13	224.04	2912.48	4550.00	64.01
	3	exterior	B	350.00	10	280.00	2800.00	3500.00	80.00
	4	interior	B	350.00	11	280.00	3080.00	3850.00	80.00
							0.50		
TRANSVERSE WALLS									
	5	exterior	B	350.00	25	264.12	6603.12	8750.00	75.46
	6	exterior	B	350.00	24	275.13	6603.12	8400.00	78.61

Shear Wall Panel Type "B" Specifications		
1 Face	Stud Spacing	16" O.C.
	Panel Grade	OSB Sheathing
	Minimum Panel Thickness	7/16"
	Minimum Nail Penetration in Framing	1 1/2"
	Nail Type	8d Common
	Edge Nail Spacing	4"
	Intermediate Nail Spacing (field)	12"
	Total Panel Shear Capacity	350 plf


 James Spinnerweber P.E. #52106



SEE TRUSS DRAWINGS FOR POSSIBLE INTERIOR BRG/UPLIFT REQUIREMENTS.

FLOOR PLAN

VERIFY GIRDER TRUSS LOCATIONS AND UPLIFT REQUIREMENTS WITH TRUSS DRAWINGS

ALL BEAM SIZES AS PER HOME PLANS OR TRUSS COMPANY

2x4 VALLEY NAILERS, NAILED @24" C.C. W/2-12d RING SHANK NAILS TO ROOF RAFTERS.

Refer to page 3 for Shear Wall Panel Types

LEGEND	
#	WALL NUMBER
#	WALL LENGTH
	EXTERIOR WALL
	INTERIOR WALL
	COLUMN LOCATION

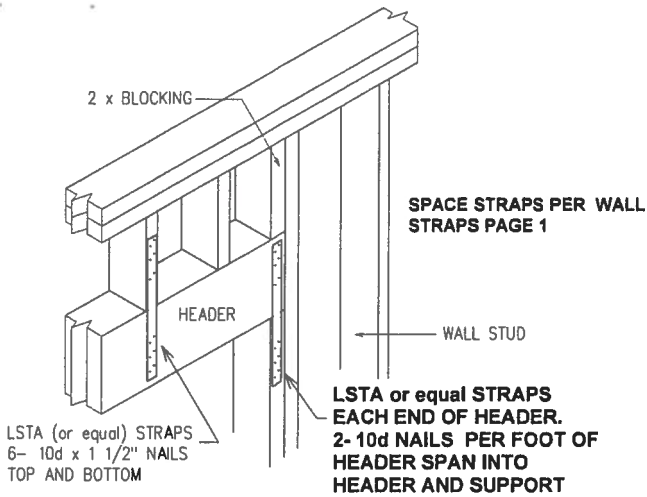
Red/Yellow lines indicate shear wall areas.
Column may be a stud pak

SEE ATTACHED DETAILS.

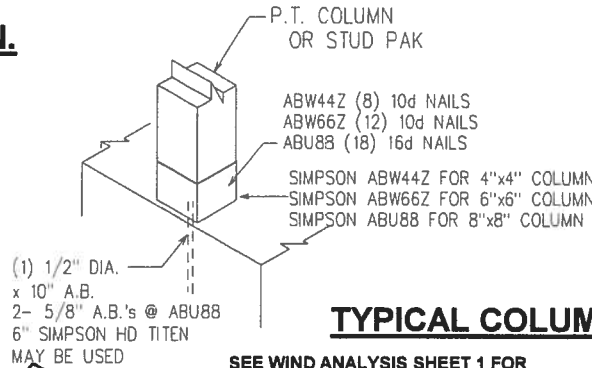
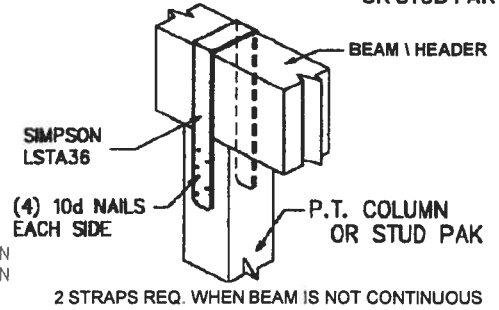
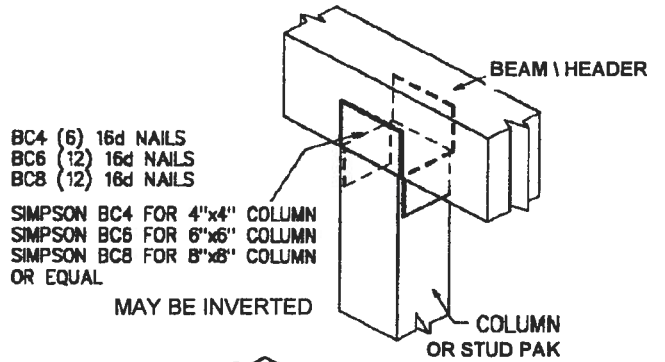
7/17/2019

James Spinnenweber P.E. #52106

LOCATION PLAN
L-1

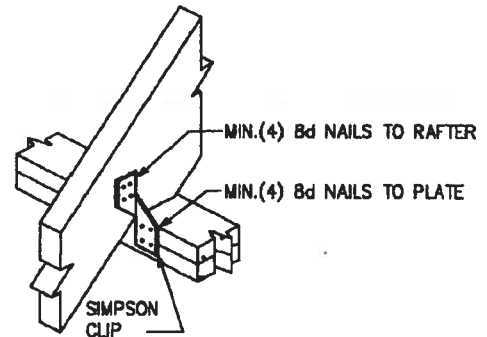
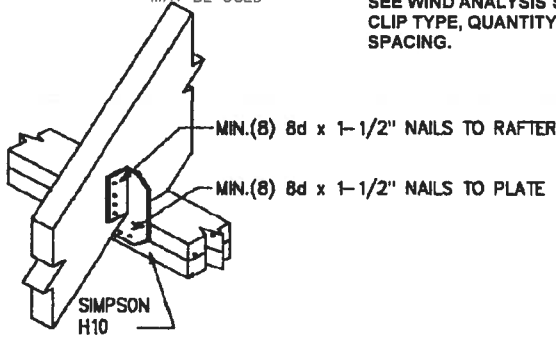


HEADER CONN.



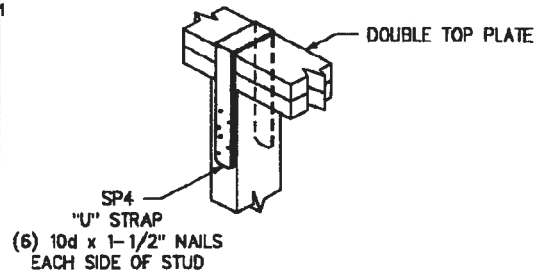
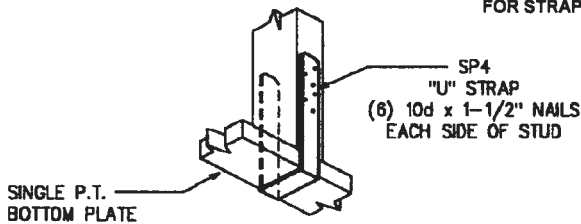
TYPICAL COLUMN CONNECTION DETAILS

SEE WIND ANALYSIS SHEET 1 FOR CLIP TYPE, QUANTITY AND SPACING.



HURRICANE CLIP DETAILS

SEE WIND ANALYSIS SHEET 1 FOR STRAP SPACING.

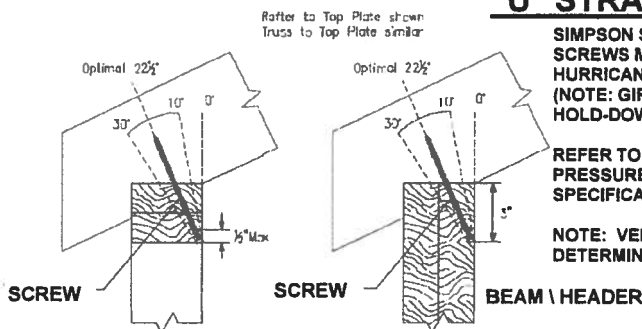


"U" STRAP DETAILS

SIMPSON SDWC OR TIMBERLOK OR (EQUAL) SCREWS MAY BE USED IN LIEU OF THE HURRICANE CLIPS SPECIFIED ON PAGE 1. (NOTE: GIRDER TRUSSES REQUIRE TYPICAL HOLD-DOWN CONNECTORS)

REFER TO TRUSS COMPANY UPLIFT PRESSURES AND SCREW MANUFACTURERS SPECIFICATIONS.

NOTE: VERIFY WOOD SPECIES WHEN DETERMINING UPLIFT VALUES



ALT. RAFTER/TRUSS TO WALL CONN.

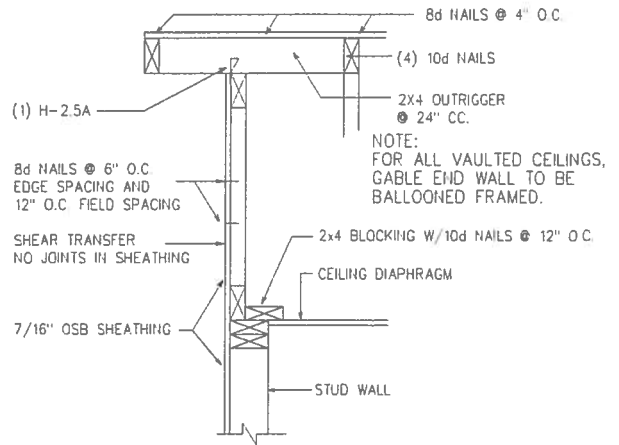
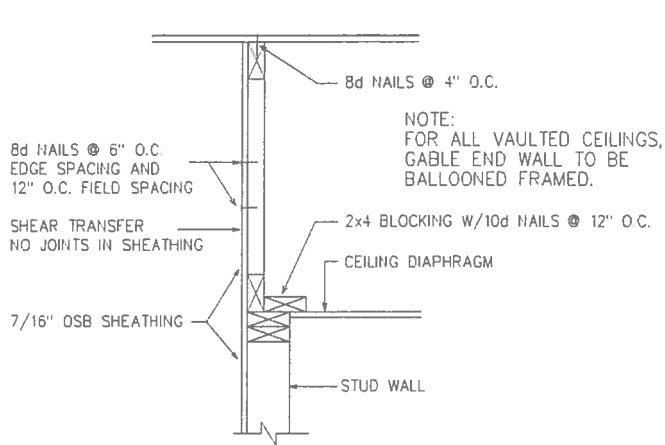
James Spinnenweber

7/17/2019

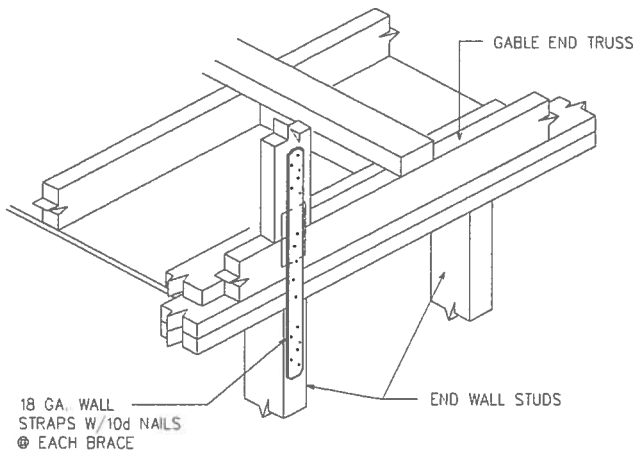
James Spinnenweber P.E. #52106

HOLD DOWN CONNECTIONS

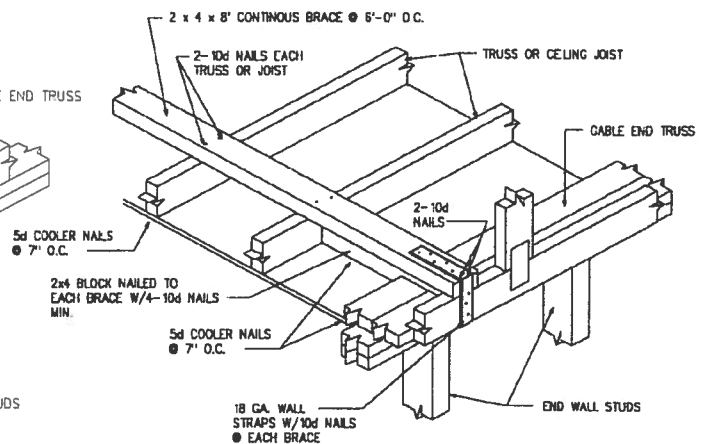
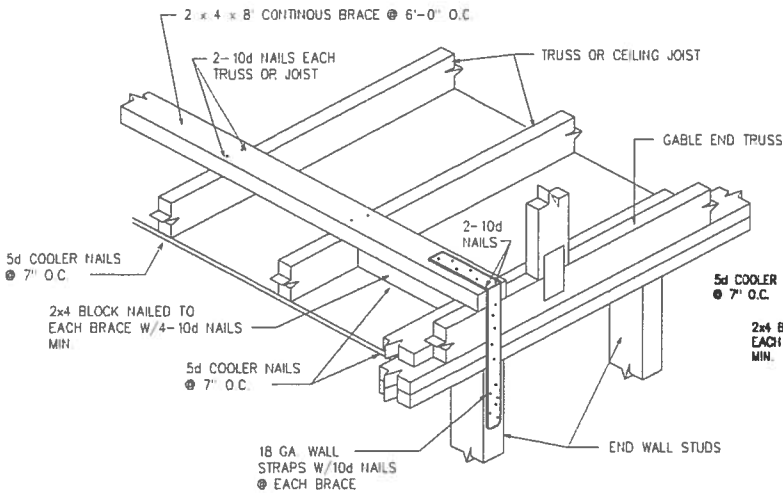
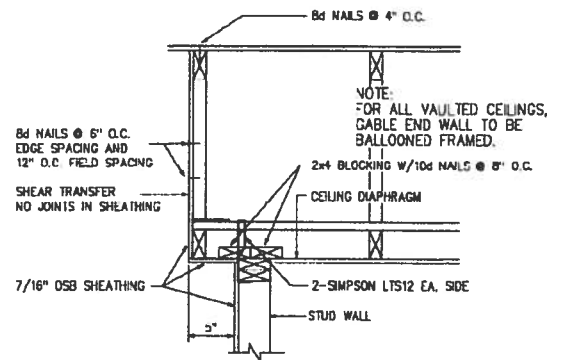
S-1



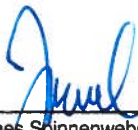
GABLE END SECTIONS



ALT. STRAP LOCATION

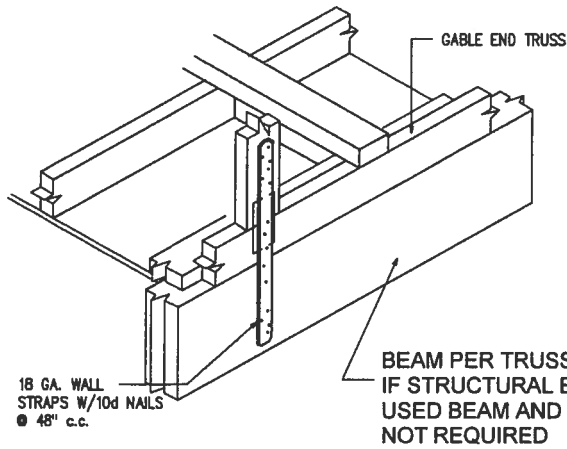


GABLE END CONNECTIONS

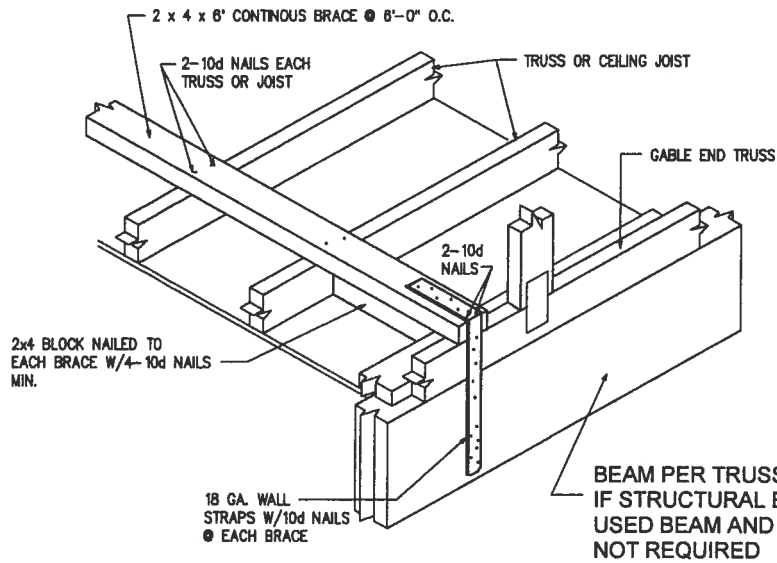


7/17/2019
James Spinnerweber P.E. #52106

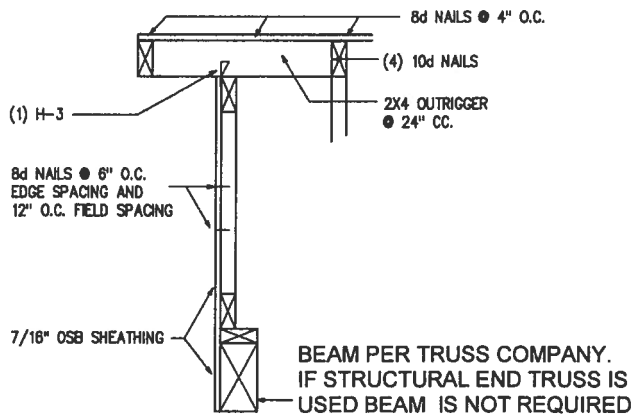
GABLE END DETAILS	
S-2A	



BEAM PER TRUSS COMPANY.
IF STRUCTURAL END TRUSS IS
USED BEAM AND STRAPING
NOT REQUIRED



BEAM PER TRUSS COMPANY.
IF STRUCTURAL END TRUSS IS
USED BEAM AND STRAPING
NOT REQUIRED

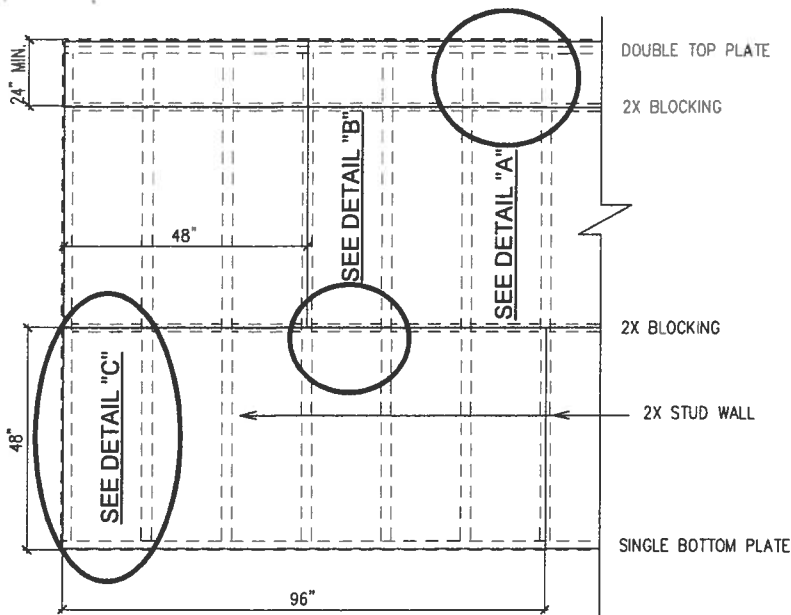


GABLE END CONNECTIONS

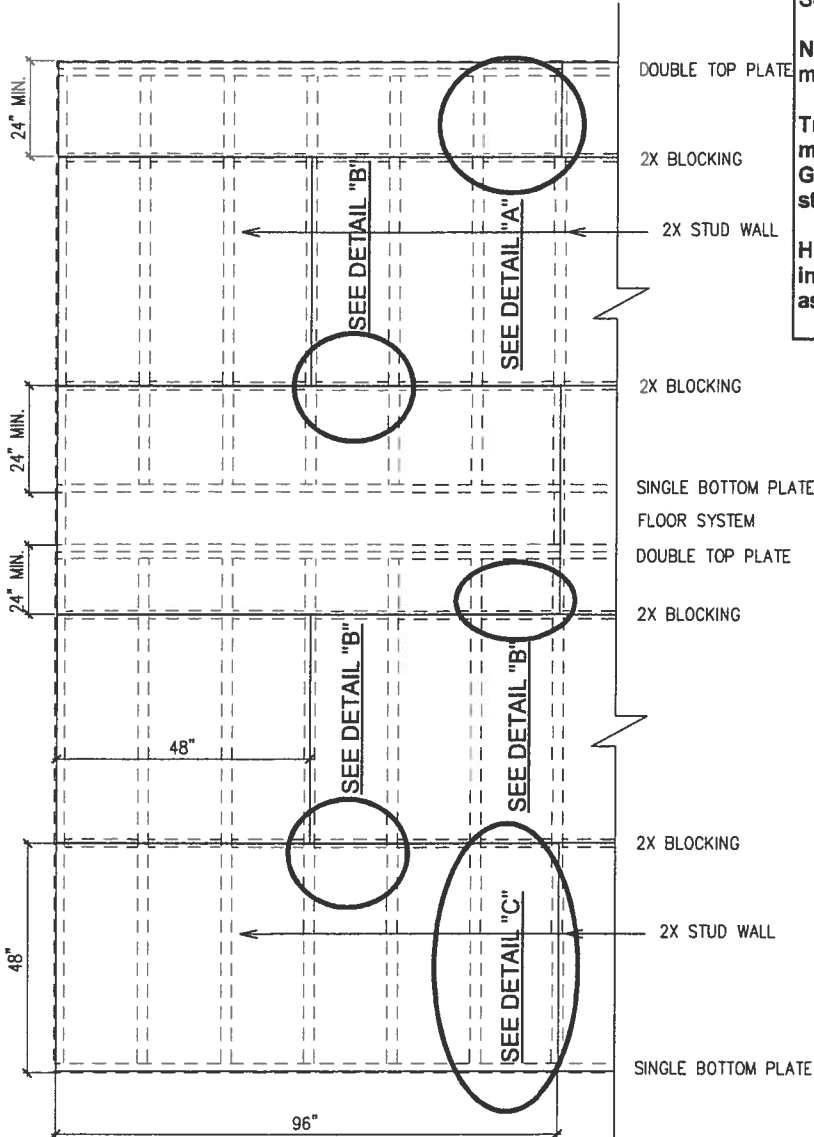
James Spinnerweber
7/17/2019

James Spinnerweber P.E. #52106

GABLE END DETAILS	
	S-2B



1 STORY HORIZONTAL SHEATHING



2 STORY HORIZONTAL SHEATHING

ALTERNATE SHEATHING CONNECTION FOR EXTERIOR WALLS

NOTE 1: Builder may elect to install OSB wall sheathing nailed to top and bottom plates at 2" on center with 8d ring shank nails (1 1/2" minimum framing penetration) w/3/4" min. edge distance in lieu of SPH or LSTA connectors as specified per sheet 1. Field and sides should be nailed per the Wall Panel Specifications.

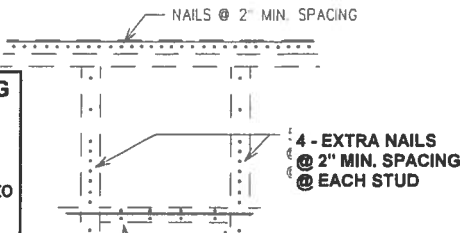
Top plates should be nailed together with 10d x 3" min. ring shank nails @ 16" c.c..

For openings over 24": Header to support (LSTA) straps should be installed. See detail page S-1

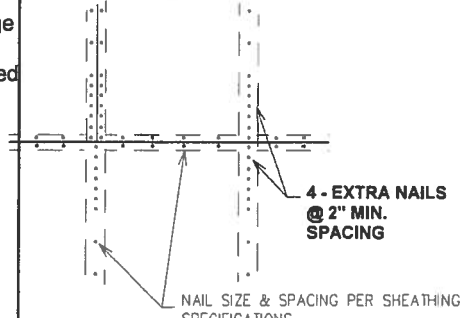
NOTE 2: Stud spacing 16" max.

Truss spacing @ 24" with a maximum uplift of 550 lb. Girder trusses may require straps.

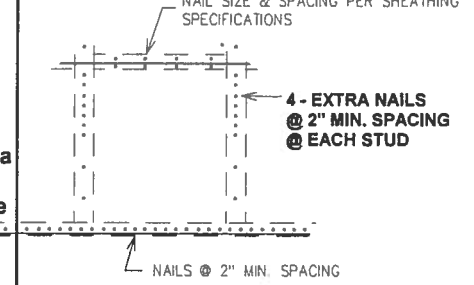
Hurricane clips to be installed in same load path as OSB sheathing.



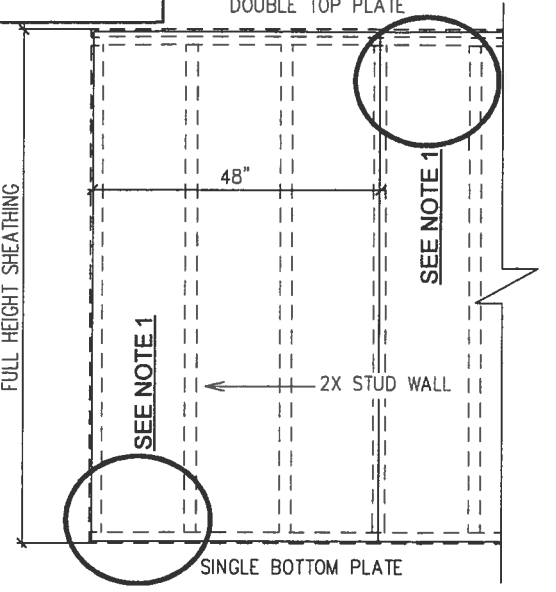
DETAIL "A"



DETAIL "B"



DETAIL "C"

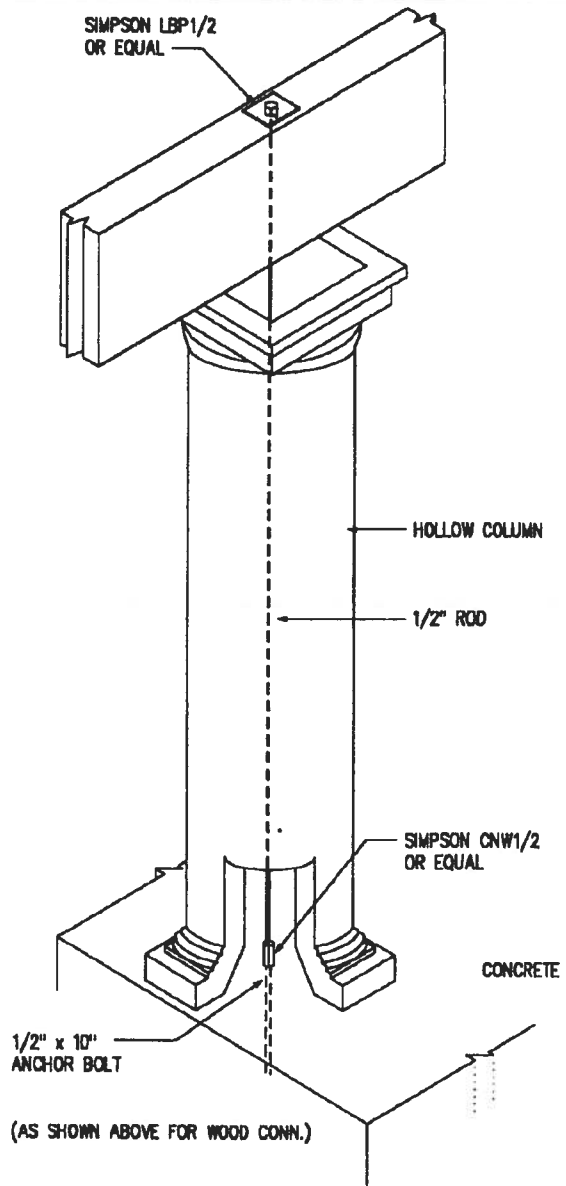
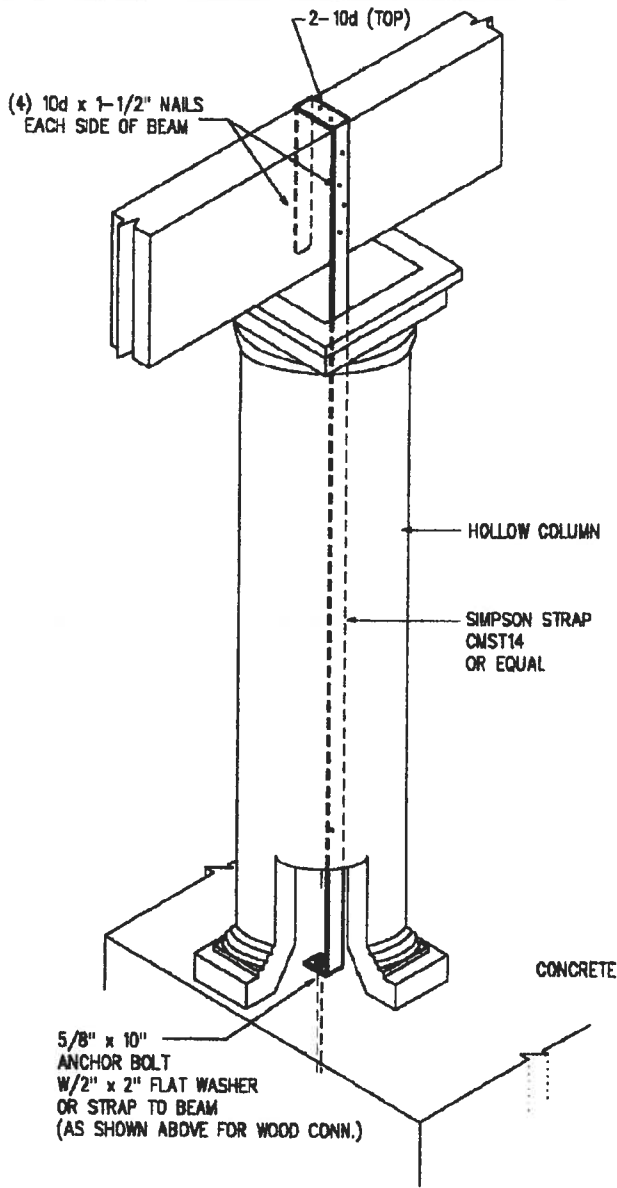


1 STORY VERTICAL SHEATHING

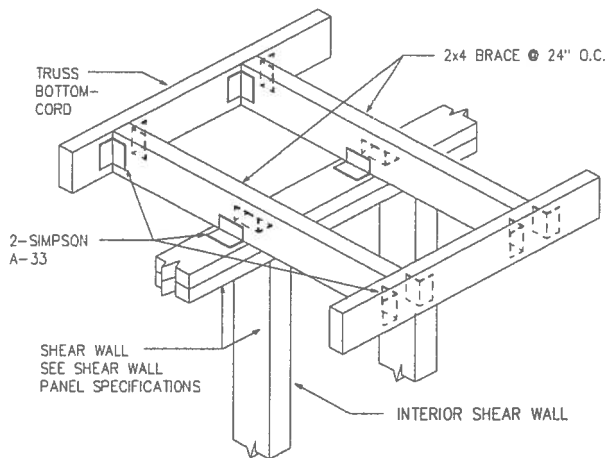
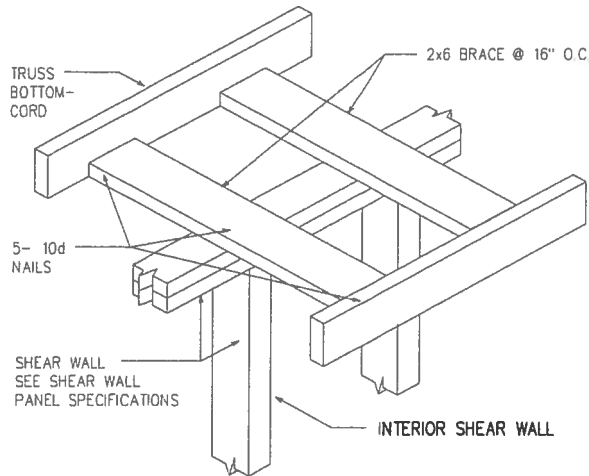
7/17/2019

James Spinnerweber P.E. #52106

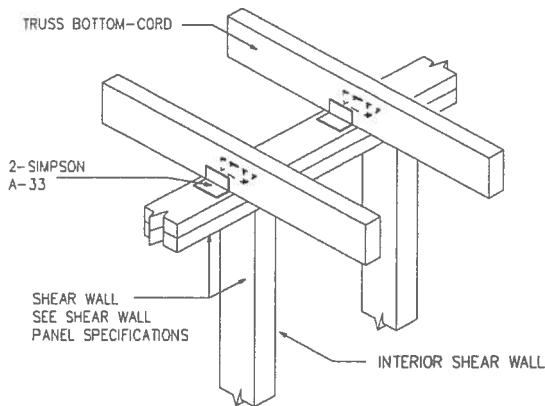
ALTERNATE TIE-DOWN SHEATHING	
	S-3



HOLLOW COLUMN CONNECTION

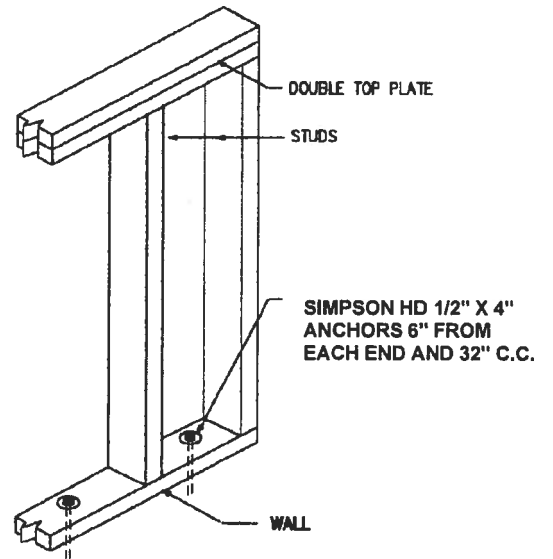


TRUSS / JOIST TO SHEAR WALL CONNECTIONS

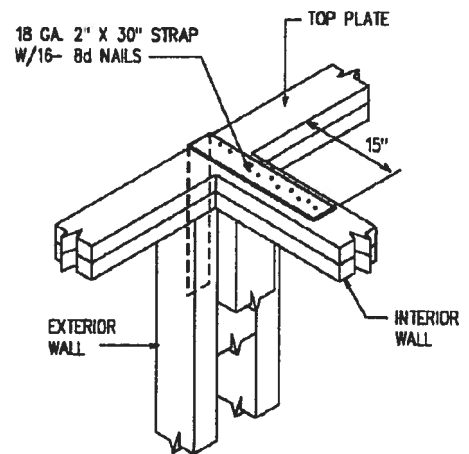


SOLID 2x BLOCKING MAY BE INSTALLED BETWEEN JOIST W/8- 10d NAILS IN LIEU OF A-33's

JOIST TO SHEAR WALL CONNECTION



SHEAR WALL ANCHOR CONNECTION

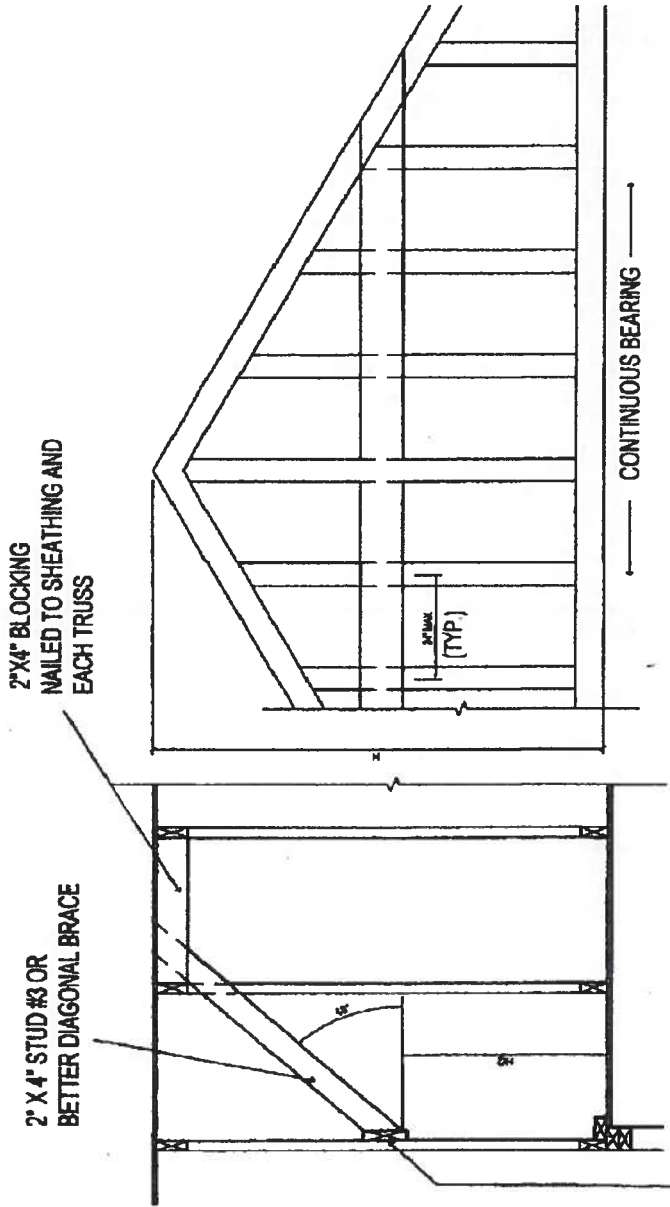


WALL TO SHEAR WALL CONNECTION

James Spinnenweber

7/17/2019
James Spinnenweber P.E. #52106

INTERIOR SHEAR WALL DETAILS	
	S-5



2"x4" BLOCKING
NAILED TO SHEATHING AND
EACH TRUSS

2" X 4" STUD #3 OR
BETTER DIAGONAL BRACE

CONTINUOUS BEARING

SPACING
(TYP.)

NAIL: 10D COMMON (0.148" X 3")
OR 0.125" X 3" GUN NAILS

2" X 6" #2 STIFFBACK
ATTACHED TO EACH
STUD WITH 4 NAILS

GABLE END SECTION

GABLE END

GABLE END WIND BRACING

1. H LESS THAN 4'-6" - NO STUD BRACING REQUIRED.
2. H GREATER THAN 4'-6" TO 7'-6" IN LENGTH
PROVIDE A 2" X 6" STIFFBACK AT MID-HEIGHT AND BRACE STIFFBACK
TO ROOF DIAPHRAGM EVERY 6'-0"
3. H GREATER THAN 7'-6" TO 12'-0" MAX.
PROVIDE A 2" X 6" STIFFBACK AT MID-HEIGHT AND BRACE
TO ROOF DIAPHRAGM EVERY 4'-0"

NTS

7/17/2019

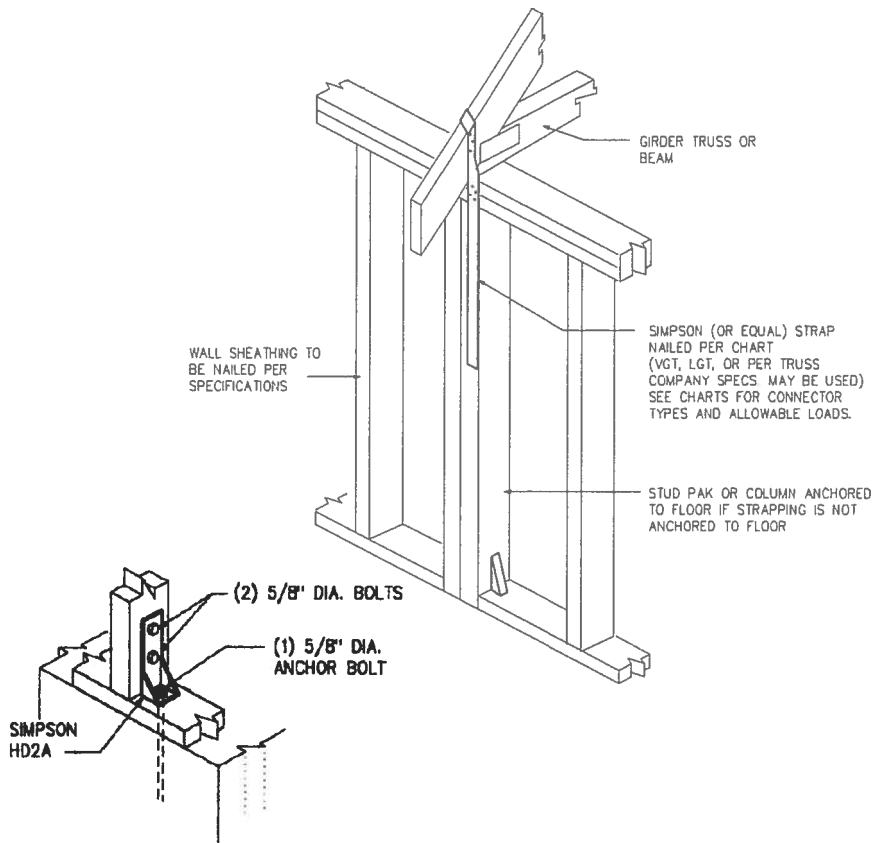
James Spinnenweber P.E. #52106

GABLE END BRACE DETAIL	
	S-6

Model No.	Qty.	No. of Plys	O.C. Dim. Between Anchors	Fasteners		SPF/HF Allowable Uplift Loads (160)
				Nails or Anchor Diameter	Girder	
LG2	1	2 ply	—	14-16d Sinkers	16-16d Sinkers	1785
LG3-SDS2.5	1	3 ply	—	26-16d Sinkers	12-SDS 1/4"x2 1/2"	2655
LG4-SDS3	1	4 ply	—	30-16d Sinkers	16-SDS 1/4" x3	2925
MGT	1	2 ply min.	—	1-3/4"	22-10d	3300
	1	2 ply min.	—	1-3/4"	16-SDS 1/4" x3	3555
VGT	2	2 ply min.	—	2-3/4"	32-SDS 1/4" x3	5175
	2	3 ply min.	—	2-3/4"	32-SDS 1/4" x3	6400
VGTR/L	1	2 ply min.	—	1-3/4"	16-SDS 1/4" x3	1605
	2	2 ply min.	—	2-3/4"	32-SDS 1/4" x3	3990
HGT-2	1	2 ply	5 1/4"	2-3/4"	16-10d	6485
HGT-3	1	3 ply	7 1/4"	2-3/4"	16-10d	9035
HGT-4	1	4 ply	9"	2-3/4"	16-10d	9250

Model No.	Total L	Ga	DF/SP		SPF/HF		Allowable Tension Loads (160)
			Fasteners	End Length	Fasteners	End Length	
CMST12	40'	12	160	160	160	160	9215
			74 - 16d	33"	84 - 16d	38"	9215
			86 - 10d	39"	98 - 10d	44"	6490
CMST14	52 1/2'	14	56 - 16d	26"	66 - 16d	30"	6490
			66 - 10d	30"	76 - 10d	34"	4585
CMSTC16	54'	16	50 - 16d sinker	20"	58 - 16d sinker	25"	2490
			26 - 10d	15"	30 - 10d	16"	2490
CS14	100'	14	30 - 8d	16"	36 - 8d	19"	1705
			20-10d	11"	22 - 10d	12"	1705
CS16	150'	16	22 - 8d	13"	26 - 8d	14"	1370
			16 - 10d	9"	18 - 10d	10"	1370
CS18	200'	18	18 - 8d	11"	22 - 8d	12"	1030
			12 - 10d	6"	14 - 10d	8"	1030
CS20	250'	20	14 - 8d	9"	16 - 8d	9"	845
			10 - 10d	7"	12 - 10d	7"	845
CS22	300'	22	12 - 8d	6"	14 - 8d	8"	845

SIMPSON STRAP AND GIRDER TIE DOWN LOAD TABLES



VERIFY GIRDER TRUSS LOCATIONS AND UPLIFT REQUIREMENTS WITH TRUSS DRAWINGS

When required :

Use simpson strap (see table) ,(from floor, over truss top chord, to floor) anchored to floor w/2- 1/2"x6" titen hd anchors or anchor column or stud pak to slab/foundation and nail strap(s) per table specs.

Optional tie downs may be used.

7/17/2019

James Spinnerweber P.E. #52106

GIRDER TIE-DOWN DETAILS

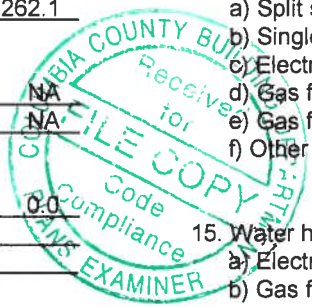
S-7

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 96

The lower the Energy Performance Index, the more efficient the home.

<p>1. New home or, addition</p> <p>2. Single-family or multiple-family</p> <p>3. No. of units (if multiple-family)</p> <p>4. Number of bedrooms</p> <p>5. Is this a worst case? (yes/no)</p> <p>6. Conditioned floor area (sq. ft.)</p> <p>7. Windows, type and area</p> <p style="margin-left: 20px;">a) U-factor:(weighted average)</p> <p style="margin-left: 20px;">b) Solar Heat Gain Coefficient (SHGC)</p> <p style="margin-left: 20px;">c) Area</p> <p>8. Skylights</p> <p style="margin-left: 20px;">a) U-factor:(weighted average)</p> <p style="margin-left: 20px;">b) Solar Heat Gain Coefficient (SHGC)</p> <p>9. Floor type, insulation level:</p> <p style="margin-left: 20px;">a) Slab-on-grade (R-value)</p> <p style="margin-left: 20px;">b) Wood, raised (R-value)</p> <p style="margin-left: 20px;">c) Concrete, raised (R-value)</p> <p>10. Wall type and insulation:</p> <p style="margin-left: 20px;">A. Exterior:</p> <p style="margin-left: 40px;">1. Wood frame (Insulation R-value)</p> <p style="margin-left: 40px;">2. Masonry (Insulation R-value)</p> <p style="margin-left: 20px;">B. Adjacent:</p> <p style="margin-left: 40px;">1. Wood frame (Insulation R-value)</p> <p style="margin-left: 40px;">2. Masonry (Insulation R-value)</p> <p>11. Ceiling type and insulation level</p> <p style="margin-left: 20px;">a) Under attic</p> <p style="margin-left: 20px;">b) Single assembly</p> <p style="margin-left: 20px;">c) Knee walls/skylight walls</p> <p style="margin-left: 20px;">d) Radiant barrier installed</p>	<p>1. <u>New (From Plans)</u></p> <p>2. <u>Single-family</u></p> <p>3. <u>1</u></p> <p>4. <u>3</u></p> <p>5. <u>No</u></p> <p>6. <u>1579</u></p> <p>7a. <u>0.340</u></p> <p>7b. <u>0.300</u></p> <p>7c. <u>262.1</u></p> <p>8a. <u>NA</u></p> <p>8b. <u>NA</u></p> <p>9a. <u>0.0</u></p> <p>9b. _____</p> <p>9c. _____</p> <p>10A1. <u>13.0</u></p> <p>10A2. _____</p> <p>10B1. _____</p> <p>10B2. _____</p> <p>11a. <u>30.0</u></p> <p>11b. _____</p> <p>11c. _____</p> <p>11d. <u>Yes</u></p>	<p>12. Ducts, location & insulation level</p> <p style="margin-left: 20px;">a) Supply ducts R <u>6.0</u></p> <p style="margin-left: 20px;">b) Return ducts R <u>6.0</u></p> <p style="margin-left: 20px;">c) AHU location <u>Attic</u></p> <p>13. Cooling system: Capacity <u>35.0</u></p> <p style="margin-left: 20px;">a) Split system SEER <u>14.0</u></p> <p style="margin-left: 20px;">b) Single package SEER _____</p> <p style="margin-left: 20px;">c) Ground/water source SEER/COP _____</p> <p style="margin-left: 20px;">d) Room unit/PTAC EER _____</p> <p style="margin-left: 20px;">e) Other _____</p> <p>14. Heating system: Capacity <u>34.4</u></p> <p style="margin-left: 20px;">a) Split system heat pump HSPF <u>8.2</u></p> <p style="margin-left: 20px;">b) Single package heat pump HSPF _____</p> <p style="margin-left: 20px;">c) Electric resistance COP _____</p> <p style="margin-left: 20px;">d) Gas furnace, natural gas AFUE _____</p> <p style="margin-left: 20px;">e) Gas furnace, LPG AFUE _____</p> <p style="margin-left: 20px;">f) Other _____</p> <p>15. Water heating system</p> <p style="margin-left: 20px;">a) Electric resistance EF <u>0.97</u></p> <p style="margin-left: 20px;">b) Gas fired, natural gas EF _____</p> <p style="margin-left: 20px;">c) Gas fired, LPG EF _____</p> <p style="margin-left: 20px;">d) Solar system with tank EF _____</p> <p style="margin-left: 20px;">e) Dedicated heat pump with tank EF _____</p> <p style="margin-left: 20px;">f) Heat recovery unit HeatRec% _____</p> <p style="margin-left: 20px;">g) Other _____</p> <p>16. HVAC credits claimed (Performance Method)</p> <p style="margin-left: 20px;">a) Ceiling fans <u>Yes</u></p> <p style="margin-left: 20px;">b) Cross ventilation <u>No</u></p> <p style="margin-left: 20px;">c) Whole house fan <u>No</u></p> <p style="margin-left: 20px;">d) Multizone cooling credit _____</p> <p style="margin-left: 20px;">e) Multizone heating credit _____</p> <p style="margin-left: 20px;">f) Programmable thermostat <u>Yes</u></p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



*Label required by Section R303.1.3 of the Florida Building Code, Energy Conservation, if not DEFAULT.

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

Builder Signature: Date: 7-15-19

Address of New Home: 1211 SW Skyline Lp City/FL Zip: Fort White, FL 32038

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: R0519326 Street: 1211 SW Skyline Lp City, State, Zip: Fort White , FL , 32038 Owner: Griffin Design Location: FL, Gainesville	Builder Name: Walter Family Homes LLC Permit Office: Columbia County Permit Number: Jurisdiction: 221000 County: Columbia (Florida Climate Zone 2)
---------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------

<table style="width:100%;"> <tr> <td>1. New construction or existing</td> <td>New (From Plans)</td> </tr> <tr> <td>2. Single family or multiple family</td> <td>Single-family</td> </tr> <tr> <td>3. Number of units, if multiple family</td> <td>1</td> </tr> <tr> <td>4. Number of Bedrooms</td> <td>3</td> </tr> <tr> <td>5. Is this a worst case?</td> <td>No</td> </tr> <tr> <td>6. Conditioned floor area above grade (ft²)</td> <td>1579</td> </tr> <tr> <td> Conditioned floor area below grade (ft²)</td> <td>0</td> </tr> <tr> <td>7. Windows(262.1 sqft.)</td> <td>Description Area</td> </tr> <tr> <td> a. U-Factor:</td> <td>DbI, U=0.34 262.07 ft²</td> </tr> <tr> <td> SHGC:</td> <td>SHGC=0.30</td> </tr> <tr> <td> b. U-Factor:</td> <td>N/A ft²</td> </tr> <tr> <td> SHGC:</td> <td></td> </tr> <tr> <td> c. U-Factor:</td> <td>N/A ft²</td> </tr> <tr> <td> SHGC:</td> <td></td> </tr> <tr> <td> d. U-Factor:</td> <td>N/A ft²</td> </tr> <tr> <td> SHGC:</td> <td></td> </tr> <tr> <td> Area Weighted Average Overhang Depth:</td> <td>2.804 ft.</td> </tr> <tr> <td> Area Weighted Average SHGC:</td> <td>0.300</td> </tr> <tr> <td>8. Floor Types (1579.0 sqft.)</td> <td>Insulation Area</td> </tr> <tr> <td> a. Slab-On-Grade Edge Insulation</td> <td>R=0.0 1579.00 ft²</td> </tr> <tr> <td> b. N/A</td> <td>R= ft²</td> </tr> <tr> <td> c. N/A</td> <td>R= ft²</td> </tr> </table>	1. New construction or existing	New (From Plans)	2. Single family or multiple family	Single-family	3. Number of units, if multiple family	1	4. Number of Bedrooms	3	5. Is this a worst case?	No	6. Conditioned floor area above grade (ft²)	1579	Conditioned floor area below grade (ft²)	0	7. Windows(262.1 sqft.)	Description Area	a. U-Factor:	DbI, U=0.34 262.07 ft²	SHGC:	SHGC=0.30	b. U-Factor:	N/A ft²	SHGC:		c. U-Factor:	N/A ft²	SHGC:		d. U-Factor:	N/A ft²	SHGC:		Area Weighted Average Overhang Depth:	2.804 ft.	Area Weighted Average SHGC:	0.300	8. Floor Types (1579.0 sqft.)	Insulation Area	a. Slab-On-Grade Edge Insulation	R=0.0 1579.00 ft²	b. N/A	R= ft²	c. N/A	R= ft²	<table style="width:100%;"> <tr> <td>9. Wall Types (1424.0 sqft.)</td> <td>Insulation Area</td> </tr> <tr> <td> a. Frame - Wood, Exterior</td> <td>R=13.0 1424.00 ft²</td> </tr> <tr> <td> b. N/A</td> <td>R= ft²</td> </tr> <tr> <td> c. N/A</td> <td>R= ft²</td> </tr> <tr> <td> d. N/A</td> <td>R= ft²</td> </tr> <tr> <td>10. Ceiling Types (1579.0 sqft.)</td> <td>Insulation Area</td> </tr> <tr> <td> a. Under Attic (Vented)</td> <td>R=30.0 1579.00 ft²</td> </tr> <tr> <td> b. N/A</td> <td>R= ft²</td> </tr> <tr> <td> c. N/A</td> <td>R= ft²</td> </tr> <tr> <td>11. Ducts</td> <td>R ft²</td> </tr> <tr> <td> a. Sup: Attic, Ret: Attic, AH: Attic</td> <td>6 225</td> </tr> <tr> <td>12. Cooling systems</td> <td>kBtu/hr Efficiency</td> </tr> <tr> <td> a. Central Unit</td> <td>35.0 SEER:14.00</td> </tr> <tr> <td>13. Heating systems</td> <td>kBtu/hr Efficiency</td> </tr> <tr> <td> a. Electric Heat Pump</td> <td>34.4 HSPF:8.20</td> </tr> <tr> <td>14. Hot water systems</td> <td></td> </tr> <tr> <td> a. Electric</td> <td>Cap: 50 gallons</td> </tr> <tr> <td></td> <td>EF: 0.970</td> </tr> <tr> <td> b. Conservation features</td> <td>None</td> </tr> <tr> <td>15. Credits</td> <td>CF, Pstat</td> </tr> </table>	9. Wall Types (1424.0 sqft.)	Insulation Area	a. Frame - Wood, Exterior	R=13.0 1424.00 ft²	b. N/A	R= ft²	c. N/A	R= ft²	d. N/A	R= ft²	10. Ceiling Types (1579.0 sqft.)	Insulation Area	a. Under Attic (Vented)	R=30.0 1579.00 ft²	b. N/A	R= ft²	c. N/A	R= ft²	11. Ducts	R ft²	a. Sup: Attic, Ret: Attic, AH: Attic	6 225	12. Cooling systems	kBtu/hr Efficiency	a. Central Unit	35.0 SEER:14.00	13. Heating systems	kBtu/hr Efficiency	a. Electric Heat Pump	34.4 HSPF:8.20	14. Hot water systems		a. Electric	Cap: 50 gallons		EF: 0.970	b. Conservation features	None	15. Credits	CF, Pstat
1. New construction or existing	New (From Plans)																																																																																				
2. Single family or multiple family	Single-family																																																																																				
3. Number of units, if multiple family	1																																																																																				
4. Number of Bedrooms	3																																																																																				
5. Is this a worst case?	No																																																																																				
6. Conditioned floor area above grade (ft²)	1579																																																																																				
Conditioned floor area below grade (ft²)	0																																																																																				
7. Windows(262.1 sqft.)	Description Area																																																																																				
a. U-Factor:	DbI, U=0.34 262.07 ft²																																																																																				
SHGC:	SHGC=0.30																																																																																				
b. U-Factor:	N/A ft²																																																																																				
SHGC:																																																																																					
c. U-Factor:	N/A ft²																																																																																				
SHGC:																																																																																					
d. U-Factor:	N/A ft²																																																																																				
SHGC:																																																																																					
Area Weighted Average Overhang Depth:	2.804 ft.																																																																																				
Area Weighted Average SHGC:	0.300																																																																																				
8. Floor Types (1579.0 sqft.)	Insulation Area																																																																																				
a. Slab-On-Grade Edge Insulation	R=0.0 1579.00 ft²																																																																																				
b. N/A	R= ft²																																																																																				
c. N/A	R= ft²																																																																																				
9. Wall Types (1424.0 sqft.)	Insulation Area																																																																																				
a. Frame - Wood, Exterior	R=13.0 1424.00 ft²																																																																																				
b. N/A	R= ft²																																																																																				
c. N/A	R= ft²																																																																																				
d. N/A	R= ft²																																																																																				
10. Ceiling Types (1579.0 sqft.)	Insulation Area																																																																																				
a. Under Attic (Vented)	R=30.0 1579.00 ft²																																																																																				
b. N/A	R= ft²																																																																																				
c. N/A	R= ft²																																																																																				
11. Ducts	R ft²																																																																																				
a. Sup: Attic, Ret: Attic, AH: Attic	6 225																																																																																				
12. Cooling systems	kBtu/hr Efficiency																																																																																				
a. Central Unit	35.0 SEER:14.00																																																																																				
13. Heating systems	kBtu/hr Efficiency																																																																																				
a. Electric Heat Pump	34.4 HSPF:8.20																																																																																				
14. Hot water systems																																																																																					
a. Electric	Cap: 50 gallons																																																																																				
	EF: 0.970																																																																																				
b. Conservation features	None																																																																																				
15. Credits	CF, Pstat																																																																																				

Glass/Floor Area: 0.166	Total Proposed Modified Loads: 43.55	PASS
	Total Baseline Loads: 45.59	

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


Lina M Reese

PREPARED BY: _____
 DATE: 06-03-19

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

OWNER/AGENT: _____
 DATE: 7-15-19

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



BUILDING OFFICIAL: _____
 DATE: _____

- Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with R403.3.2.1.
- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires an envelope leakage test report with envelope leakage no greater than 7.00 ACH50 (R402.4.1.2).

INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title:	R0519326	Bedrooms:	3	Address Type:	Street Address
Building Type:	User	Conditioned Area:	1579	Lot #	
Owner Name:	Griffin	Total Stories:	1	Block/Subdivision:	
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	Walter Family Homes LLC	Rotate Angle:	0	Street:	1211 SW Skyline Lp
Permit Office:	Columbia County	Cross Ventilation:	No	County:	Columbia
Jurisdiction:	221000	Whole House Fan:	No	City, State, Zip:	Fort White , FL , 32038
Family Type:	Single-family				
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

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

BLOCKS

Number	Name	Area	Volume
1	Entire House	1579	12632

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	Dining	131	1048	No	0		1	Yes	Yes	Yes
2	Kitchen	177	1416	Yes	0		1	Yes	Yes	Yes
3	Family	300	2400	No	0		1	Yes	Yes	Yes
4	Bedroom3	187	1496	No	1	1	1	Yes	Yes	Yes
5	Bedroom2	153	1224	No	1	1	1	Yes	Yes	Yes
6	Hall	73	584	No	0		1	Yes	Yes	Yes
7	Bath2	68	544	No	0		1	Yes	Yes	Yes
8	Pantry	51	408	No	0		1	Yes	Yes	Yes
9	Laundry	56	448	No	0		1	Yes	Yes	Yes
10	Mwic	55	440	No	0		1	Yes	Yes	Yes
11	Master Suite	208	1664	No	2	1	1	Yes	Yes	Yes
12	Mtlt	26	208	No	0		1	Yes	Yes	Yes
13	Mbath	94	752	No	0		1	Yes	Yes	Yes

FLOORS

✓	#	Floor Type	Space	Perimeter	Perimeter R-Value	Area	Joist R-Value	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	Dining	23.3 ft	0	131 ft ²	----	0	0	1
_____	2	Slab-On-Grade Edge Insulatio	Kitchen	22.3 ft	0	177 ft ²	----	0	0	1
_____	3	Slab-On-Grade Edge Insulatio	Family	34 ft	0	300 ft ²	----	0	0	1
_____	4	Slab-On-Grade Edge Insulatio	Bedroom3	32.3 ft	0	187 ft ²	----	0	0	1

INPUT SUMMARY CHECKLIST REPORT

FLOORS

✓	#	Floor Type	Space	Perimeter	Perimeter R-Value	Area	Joist R-Value	Tile	Wood	Carpet
✓	5	Slab-On-Grade Edge Insulatio	Bedroom2	17.7 ft	0	153 ft ²	----	0	0	1
_____	6	Slab-On-Grade Edge Insulatio	Hall	1 ft	0	73 ft ²	----	0	0	1
_____	7	Slab-On-Grade Edge Insulatio	Bath2	1 ft	0	68 ft ²	----	0	0	1
_____	8	Slab-On-Grade Edge Insulatio	Pantry	1 ft	0	51 ft ²	----	0	0	1
_____	9	Slab-On-Grade Edge Insulatio	Laundry	1 ft	0	56 ft ²	----	0	0	1
_____	10	Slab-On-Grade Edge Insulatio	Mwic	5.3 ft	0	55 ft ²	----	0	0	1
_____	11	Slab-On-Grade Edge Insulatio	Master Suite	29 ft	0	208 ft ²	----	0	0	1
_____	12	Slab-On-Grade Edge Insulatio	MlIt	3.3 ft	0	26 ft ²	----	0	0	1
_____	13	Slab-On-Grade Edge Insulatio	Mbath	10.7 ft	0	94 ft ²	----	0	0	1

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)
✓	1	Gable or Shed	Composition shingles	1766 ft ²	396 ft ²	Medium	Y	0.65	No	0.9	No	0	26.6

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
✓	1	Full attic	Vented	300	1579 ft ²	Y	N

CEILING

✓	#	Ceiling Type	Space	R-Value	Ins Type	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	Dining	30	Blown	131 ft ²	0.1	Wood
_____	2	Under Attic (Vented)	Kitchen	30	Blown	177 ft ²	0.1	Wood
_____	3	Under Attic (Vented)	Family	30	Blown	300 ft ²	0.1	Wood
_____	4	Under Attic (Vented)	Bedroom3	30	Blown	187 ft ²	0.1	Wood
_____	5	Under Attic (Vented)	Bedroom2	30	Blown	153 ft ²	0.1	Wood
_____	6	Under Attic (Vented)	Hall	30	Blown	73 ft ²	0.1	Wood
_____	7	Under Attic (Vented)	Bath2	30	Blown	68 ft ²	0.1	Wood
_____	8	Under Attic (Vented)	Pantry	30	Blown	51 ft ²	0.1	Wood
_____	9	Under Attic (Vented)	Laundry	30	Blown	56 ft ²	0.1	Wood
_____	10	Under Attic (Vented)	Mwic	30	Blown	55 ft ²	0.1	Wood
_____	11	Under Attic (Vented)	Master Suite	30	Blown	208 ft ²	0.1	Wood
_____	12	Under Attic (Vented)	MlIt	30	Blown	26 ft ²	0.1	Wood
_____	13	Under Attic (Vented)	Mbath	30	Blown	94 ft ²	0.1	Wood

INPUT SUMMARY CHECKLIST REPORT

WALLS

✓ #	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	In	Height Ft	In	Area	Sheathing R-Value	Framing Fraction	Solar Absor.	Below Grade%
1	S	Exterior	Frame - Wood	Dining	13	9	4	8	0	74.7 ft²	0	0.25	0.3	0
2	W	Exterior	Frame - Wood	Dining	13	14	0	8	0	112.0 ft²	0	0.25	0.3	0
3	E	Exterior	Frame - Wood	Kitchen	13	9	8	8	0	77.3 ft²	0	0.25	0.3	0
4	S	Exterior	Frame - Wood	Kitchen	13	12	8	8	0	101.3 ft²	0	0.25	0.3	0
5	E	Exterior	Frame - Wood	Family	13	18	0	8	0	144.0 ft²	0	0.25	0.3	0
6	S	Exterior	Frame - Wood	Family	13	16	0	8	0	128.0 ft²	0	0.25	0.3	0
7	N	Exterior	Frame - Wood	Bedroom3	13	13	0	8	0	104.0 ft²	0	0.25	0.3	0
8	E	Exterior	Frame - Wood	Bedroom3	13	12	4	8	0	98.7 ft²	0	0.25	0.3	0
9	S	Exterior	Frame - Wood	Bedroom3	13	7	0	8	0	56.0 ft²	0	0.25	0.3	0
10	N	Exterior	Frame - Wood	Bedroom2	13	13	8	8	0	109.3 ft²	0	0.25	0.3	0
11	E	Exterior	Frame - Wood	Bedroom2	13	4	0	8	0	32.0 ft²	0	0.25	0.3	0
12	N	Exterior	Frame - Wood	Mwic	13	5	4	8	0	42.7 ft²	0	0.25	0.3	0
13	N	Exterior	Frame - Wood	Master Suite	13	13	0	8	0	104.0 ft²	0	0.25	0.3	0
14	W	Exterior	Frame - Wood	Master Suite	13	16	0	8	0	128.0 ft²	0	0.25	0.3	0
15	W	Exterior	Frame - Wood	Mtit	13	3	4	8	0	26.7 ft²	0	0.25	0.3	0
16	W	Exterior	Frame - Wood	Mbath	13	10	8	8	0	85.3 ft²	0	0.25	0.3	0

WINDOWS

Orientation shown is the entered, Proposed orientation.

✓ #	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Area	Overhang Depth	Separation	Int Shade	Screening
1	S	1	TIM	Low-E Double	Yes	0.34	0.3	N	30.0 ft²	1 ft 0 in	3 ft 8 in	Drapes/blinds	Exterior 5
2	W	2	TIM	Low-E Double	Yes	0.34	0.3	N	17.9 ft²	2 ft 0 in	1 ft 1 in	None	None
3	W	2	TIM	Low-E Double	Yes	0.34	0.3	N	30.0 ft²	1 ft 0 in	1 ft 5 in	Drapes/blinds	Exterior 5
4	E	5	TIM	Low-E Double	Yes	0.34	0.3	N	20.1 ft²	6 ft 4 in	1 ft 0 in	None	None
5	E	5	TIM	Low-E Double	Yes	0.34	0.3	N	30.0 ft²	6 ft 4 in	0 ft 10 in	Drapes/blinds	Exterior 5
6	S	6	TIM	Low-E Double	Yes	0.34	0.3	N	20.1 ft²	10 ft 4 in	1 ft 0 in	None	None
7	E	8	TIM	Low-E Double	Yes	0.34	0.3	N	30.0 ft²	1 ft 0 in	4 ft 4 in	Drapes/blinds	Exterior 5
8	N	10	TIM	Low-E Double	Yes	0.34	0.3	N	15.0 ft²	1 ft 0 in	3 ft 10 in	Drapes/blinds	Exterior 5
9	N	13	TIM	Low-E Double	Yes	0.34	0.3	N	15.0 ft²	1 ft 0 in	2 ft 5 in	Drapes/blinds	Exterior 5
10	W	14	TIM	Low-E Double	Yes	0.34	0.3	N	30.0 ft²	1 ft 0 in	1 ft 5 in	Drapes/blinds	Exterior 5
11	W	15	TIM	Low-E Double	Yes	0.34	0.3	N	8.0 ft²	1 ft 0 in	1 ft 5 in	Drapes/blinds	Exterior 5
12	W	16	TIM	Low-E Double	Yes	0.34	0.3	N	16.0 ft²	1 ft 0 in	1 ft 5 in	Drapes/blinds	Exterior 5

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000356	1473.7	80.91	152.16	.1339	7

INPUT SUMMARY CHECKLIST REPORT

HEATING SYSTEM

#	System Type	Subtype	Efficiency	Capacity	Block	Ducts
1	Electric Heat Pump/	Split	HSPF:8.2	34.4 kBtu/hr	1	sys#1

COOLING SYSTEM

#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
1	Central Unit/	Split	SEER: 14	35 kBtu/hr	1167 cfm	0.75	1	sys#1

HOT WATER SYSTEM

#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
1	Electric	None	Laundry	0.97	50 gal	60 gal	120 deg	None

SOLAR HOT WATER SYSTEM

FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
None	None			ft ²		

DUCTS

#	Location	Supply R-Value	Supply Area	Location	Return Area	Leakage Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HVAC # Heat	HVAC # Cool
1	Attic	6	225 ft ²	Attic	150 ft ²	Default Leakage	Attic	(Default)	(Default)			1	1

TEMPERATURES

Programable Thermostat: Y		Ceiling Fans:											
Cooling	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input type="checkbox"/> Apr	<input type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec	
Heating	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input type="checkbox"/> Apr	<input type="checkbox"/> May	<input type="checkbox"/> Jun	<input type="checkbox"/> Jul	<input type="checkbox"/> Aug	<input type="checkbox"/> Sep	<input type="checkbox"/> Oct	<input type="checkbox"/> Nov	<input type="checkbox"/> Dec	
Venting	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input type="checkbox"/> May	<input type="checkbox"/> Jun	<input type="checkbox"/> Jul	<input type="checkbox"/> Aug	<input type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec	
Thermostat Schedule:	HERS 2006 Reference												
Schedule Type	1	2	3	4	5	6	7	8	9	10	11	12	Hours
Cooling (WD)	AM 78	78	78	78	78	78	78	78	78	80	80	80	80
	PM 80	80	78	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM 78	78	78	78	78	78	78	78	78	78	78	78	78
	PM 78	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM 66	66	66	66	66	68	68	68	68	68	68	68	68
	PM 68	68	68	68	68	68	68	68	68	68	68	66	66
Heating (WEH)	AM 66	66	66	66	66	68	68	68	68	68	68	68	68
	PM 68	68	68	68	68	68	68	68	68	68	68	66	66

INPUT SUMMARY CHECKLIST REPORT

MASS

Mass Type	Area	Thickness	Furniture Fraction	Space
Default(8 lbs/sq.ft.)	0 ft ²	0 ft	0.3	Dining
Default(8 lbs/sq.ft.)	ft ²	ft	0.3	Kitchen
Default(8 lbs/sq.ft.)	ft ²	ft	0.3	Family
Default(8 lbs/sq.ft.)	ft ²	ft	0.3	Bedroom3
Default(8 lbs/sq.ft.)	ft ²	ft	0.3	Bedroom2
Default(8 lbs/sq.ft.)	ft ²	ft	0.3	Hall
Default(8 lbs/sq.ft.)	ft ²	ft	0.3	Bath2
Default(8 lbs/sq.ft.)	ft ²	ft	0.3	Pantry
Default(8 lbs/sq.ft.)	ft ²	ft	0.3	Laundry
Default(8 lbs/sq.ft.)	ft ²	ft	0.3	Mwic
Default(8 lbs/sq.ft.)	ft ²	ft	0.3	Master Suite
Default(8 lbs/sq.ft.)	ft ²	ft	0.3	Mtlt
Default(8 lbs/sq.ft.)	ft ²	ft	0.3	Mbath

904 Gordon Ave, Thomasville, GA 31792 Phone: 866-769-9829

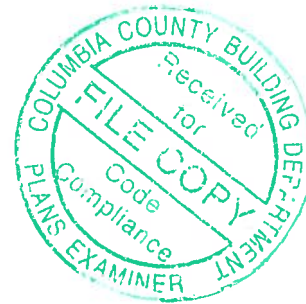
Project Information

For: Griffin
1211 SW Skyline Lp, Fort White, FL 32038

Cooling Equipment

Design Conditions

Outdoor design DB: 91.9°F	Sensible gain: 25667 Btuh	Entering coil DB: 80.0°F
Outdoor design WB: 76.2°F	Latent gain: 4919 Btuh	Entering coil WB: 64.6°F
Indoor design DB: 75.0°F	Total gain: 30586 Btuh	
Indoor RH: 50%	Estimated airflow: 1167 cfm	



Manufacturer's Performance Data at Actual Design Conditions

Equipment type: Split ASHP
 Manufacturer: 3 Ton - Trane or Eq Model: 4TWR4036+TEM4A0B36
 Actual airflow: 1167 cfm
 Sensible capacity: 26250 Btuh 102% of load
 Latent capacity: 8750 Btuh 178% of load
 Total capacity: 35000 Btuh 114% of load SHR: 75%

Heating Equipment

Design Conditions

Outdoor design DB: 33.4°F	Heat loss: 23828 Btuh	Entering coil DB: 68.6°F
Indoor design DB: 70.0°F		

Manufacturer's Performance Data at Actual Design Conditions

Equipment type: Split ASHP
 Manufacturer: 3 Ton - Trane or Eq Model: 4TWR4036+TEM4A0B36
 Actual airflow: 1167 cfm
 Output capacity: 34400 Btuh 144% of load Capacity balance: 24 °F
 Supplemental heat required: 0 Btuh Economic balance: -99 °F

Backup equipment type: Elec strip
 Manufacturer: Model:
 Actual airflow: 1167 cfm
 Output capacity: 10.0 kW 143% of load Temp. rise: 27 °F

Meets all requirements of ACCA Manual S.

Project Information

For: Griffin
1211 SW Skyline Lp, Fort White, FL 32038

Notes: Load Calculation was obtained from an electronic copy of drawing.

Design Information

Weather: Gainesville Rgnl, FL, US

Winter Design Conditions

Outside db 33 °F
Inside db 70 °F
Design TD 37 °F

Summer Design Conditions

Outside db 92 °F
Inside db 75 °F
Design TD 17 °F
Daily range M
Relative humidity 50 %
Moisture difference 47 gr/lb

Heating Summary

Structure 18628 Btuh
Ducts 5201 Btuh
Central vent (0 cfm)
(none) 0 Btuh
Humidification 0 Btuh
Piping 0 Btuh
Equipment load 23828 Btuh

Sensible Cooling Equipment Load Sizing

Structure 15705 Btuh
Ducts 7232 Btuh
Central vent (0 cfm)
(none) 0 Btuh
Blower 2730 Btuh
Use manufacturer's data y
Rate/swing multiplier 1.00
Equipment sensible load 25667 Btuh

Infiltration

Method Simplified
Construction quality Average
Fireplaces 0

	Heating	Cooling
Area (ft ²)	1579	1579
Volume (ft ³)	12637	12637
Air changes/hour	0.38	0.20
Equiv. AVF (cfm)	80	42

Latent Cooling Equipment Load Sizing

Structure 3336 Btuh
Ducts 1583 Btuh
Central vent (0 cfm)
(none) 0 Btuh
Equipment latent load 4919 Btuh
Equipment Total Load (Sen+Lat) 30586 Btuh
Req. total capacity at 0.75 SHR 2.9 ton

Heating Equipment Summary

Make 3 Ton - Trane or Eqv.
Trade Split HP
Model 4TWR4036
AHRI ref 201763659

Efficiency 8.2 HSPF
Heating input
Heating output 34400 Btuh @ 47°F
Temperature rise 27 °F
Actual air flow 1167 cfm
Air flow factor 0.049 cfm/Btuh
Static pressure 0 in H2O
Space thermostat
Capacity balance point = 24 °F

Backup: Aux. Heat
Input = 10 kW, Output = 34121 Btuh, 100 AFUE

Cooling Equipment Summary

Make 3 Ton - Trane or Eqv.
Trade Split HP
Cond 4TWR4036
Coil TEM4A0B36
AHRI ref 201763659

Efficiency 11.5 EER, 14 SEER
Sensible cooling 26250 Btuh
Latent cooling 8750 Btuh
Total cooling 35000 Btuh
Actual air flow 1167 cfm
Air flow factor 0.051 cfm/Btuh
Static pressure 0 in H2O
Load sensible heat ratio 0.84

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Right-J® Worksheet
Entire House
Walter Family Homes LLC

Job: R0519326
Date: 06-03-19
By: AMA

904 Gordon Ave, Thomasville, GA 31792 Phone: 866-769-9829

		Entire House		Dining										
1	Room name	178.0 ft		23.3 ft										
2	Exposed wall	8.0 ft		8.0 ft										
3	Room height	1579.7 ft²		14.0 x 9.3 ft										
4	Room dimensions			heat/cool										
5	Room area			130.7 ft²										
	Ty	Construction number	U-value (Btuh/ft²·°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)	
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool
6	W	12C-0sw	0.091	n	3.33	2.22	360	330	1099	731	0	0	0	0
	G	4A5-2ob	0.340	n	12.44	9.44	15	0	187	142	0	0	0	0
	G	4A5-2ob	0.340	n	12.44	9.44	15	0	187	142	0	0	0	0
11	W	12C-0sw	0.091	e	3.33	2.22	352	272	906	602	0	0	0	0
	G	10D-b	0.340	e	12.44	14.21	20	13	250	286	0	0	0	0
	G	4A5-2ob	0.340	e	12.44	27.76	30	0	373	833	0	0	0	0
	G	4A5-2ob	0.340	e	12.44	11.53	30	27	373	346	0	0	0	0
	W	12C-0sw	0.091	s	3.33	2.22	360	310	1032	687	75	45	149	99
	G	10D-b	0.340	s	12.44	8.39	20	20	250	169	0	0	0	0
	G	4A5-2ob	0.340	s	12.44	10.67	30	10	373	320	30	10	373	320
	W	12C-0sw	0.091	w	3.33	2.22	352	250	833	554	112	64	214	142
	G	10D-b	0.340	w	12.44	22.86	18	1	222	408	18	1	222	408
	G	4A5-2ob	0.340	w	12.44	27.76	8	0	100	222	0	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	30	0	373	833	0	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	30	0	373	833	30	0	373	833
	G	4B5-2fb	0.340	w	12.44	27.76	16	0	199	444	0	0	0	0
	C	16B-30ad	0.032	-	1.17	1.89	1580	1580	1850	2672	131	131	153	221
	F	22A-cpl	0.989	-	36.20	0.00	1580	178	6443	0	131	23	845	0
6	c) AED excursion									583				335
	Envelope loss/gain								15424	10806			2329	2358
12	a) Infiltration								3203	778			420	102
	b) Room ventilation								0	0			0	0
13	Internal gains:		Occupants @	230		4			920	0				0
			Appliances/other						3200					0
	Subtotal (lines 6 to 13)								18628	15705			2749	2460
	Less external load								0	0			0	0
	Less transfer								0	0			0	0
	Redistribution								0	0			0	0
14	Subtotal								18628	15705			2749	2460
15	Duct loads						28%	46%	5201	7232	28%	46%	767	1133
	Total room load								23828	22937			3516	3593
	Air required (cfm)								1167	1167			172	183

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Right-J® Worksheet
Entire House
Walter Family Homes LLC

Job: R0519326
Date: 06-03-19
By: AMA

904 Gordon Ave, Thomasville, GA 31792 Phone: 866-769-9829

1 Room name				Kitchen 22.3 ft				Family 34.0 ft						
2 Exposed wall				8.0 ft heat/cool				8.0 ft heat/cool						
3 Room height				14.0 x 12.7 ft				1.0 x 301.7 ft						
4 Room dimensions				177.3 ft²				301.7 ft²						
5 Room area														
6	Ty	Construction number	U-value (Btuh/ft²·°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)	
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool
6	W	12C-0sw	0.091	n	3.33	2.22	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	n	12.44	9.44	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	n	12.44	9.44	0	0	0	0	0	0	0	0
11	W	12C-0sw	0.091	e	3.33	2.22	77	77	258	171	144	94	313	208
	G	10D-b	0.340	e	12.44	14.21	0	0	0	0	20	13	250	286
	G	4A5-2ob	0.340	e	12.44	27.76	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	e	12.44	11.53	0	0	0	0	30	27	373	346
	W	12C-0sw	0.091	s	3.33	2.22	101	101	338	225	128	108	359	239
	G	10D-b	0.340	s	12.44	8.39	0	0	0	0	20	20	250	169
	G	4A5-2ob	0.340	s	12.44	10.67	0	0	0	0	0	0	0	0
	W	12C-0sw	0.091	w	3.33	2.22	0	0	0	0	0	0	0	0
	G	10D-b	0.340	w	12.44	22.86	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	G	4B5-2fb	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	C	16B-30ad	0.032	-	1.17	1.69	177	177	208	300	302	302	353	510
	F	22A-cpl	0.989	-	36.20	0.00	177	22	808	0	302	34	1231	0
6	c) AED excursion									-172				-186
	Envelope loss/gain								1611	524			3130	1571
12	a) Infiltration								402	98			612	149
	b) Room ventilation								0	0			0	0
13	Internal gains:		Occupants @	230			0			0	0			0
			Appliances/other							1800				900
	Subtotal (lines 6 to 13)								2013	2421			3742	2620
	Less external load								0	0			0	0
	Less transfer								0	0			0	0
	Redistribution								0	0			0	0
14	Subtotal								2013	2421			3742	2620
15	Duct loads						28%	46%	562	1115	28%	46%	1045	1207
	Total room load								2575	3536			4786	3826
	Air required (cfm)								126	180			234	195

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Right-J® Worksheet
Entire House
Walter Family Homes LLC

Job: R0519326
Date: 06-03-19
By: AMA

904 Gordon Ave, Thomasville, GA 31792 Phone: 866-769-9829

1 2 3 4 5	Room name		Bedroom3				Bedroom2							
	Exposed wall		32.3 ft				17.7 ft							
	Room height		8.0 ft				8.0 ft							
Room dimensions		1.0 x 187.0 ft				1.0 x 152.6 ft								
Room area		187.0 ft²				152.6 ft²								
6	Ty	Construction number	U-value (Btuh/ft²·°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)	
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool
6	W	12C-0sw	0.091	n	3.33	2.22	104	104	346	230	109	94	314	209
	G	4A5-2ob	0.340	n	12.44	9.44	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	n	12.44	9.44	0	0	0	0	15	0	187	142
11	W	12C-0sw	0.091	e	3.33	2.22	99	69	229	152	32	32	107	71
	G	10D-b	0.340	e	12.44	14.21	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	e	12.44	27.76	30	0	373	833	0	0	0	0
	G	4A5-2ob	0.340	e	12.44	11.53	0	0	0	0	0	0	0	0
	W	12C-0sw	0.091	s	3.33	2.22	56	56	187	124	0	0	0	0
	G	10D-b	0.340	s	12.44	8.39	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	s	12.44	10.67	0	0	0	0	0	0	0	0
	W	12C-0sw	0.091	w	3.33	2.22	0	0	0	0	0	0	0	0
	G	10D-b	0.340	w	12.44	22.85	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	G	4B5-2fb	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	C	16B-30ad	0.032	-	1.17	1.69	187	187	219	316	153	153	179	258
	F	22A-cpl	0.989	-	36.20	0.00	187	32	1170	0	153	18	639	0
6	c) AED excursion									170				-66
	Envelope loss/gain								2524	1826			1426	614
12	a) Infiltration								582	141			318	77
	b) Room ventilation								0	0			0	0
13	Internal gains:		Occupants @	230			1			230	1			230
			Appliances/other							0				0
	Subtotal (lines 6 to 13)								3106	2197			1744	921
	Less external load								0	0			0	0
	Less transfer								0	0			0	0
	Redistribution								0	0			0	0
14	Subtotal								3106	2197			1744	921
15	Duct loads						28%	46%	867	1012	28%	46%	487	424
	Total room load								3973	3209			2230	1345
	Air required (cfm)								195	163			109	68

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Right-J® Worksheet
Entire House
Walter Family Homes LLC

Job: R0519326
Date: 06-03-19
By: AMA

904 Gordon Ave, Thomasville, GA 31792 Phone: 866-769-9829

1	Room name				Hall				Bath2					
	Exposed wall				0 ft				0 ft					
	Room height				8.0 ft				8.0 ft					
3	Room dimensions				1.0 x 73.3 ft				6.0 x 11.3 ft					
4	Room area				73.3 ft²				68.0 ft²					
5	Ty	Construction number	U-value (Btuh/ft²·°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)	
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool
6	W	12C-0sw	0.091	n	3.33	2.22	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	n	12.44	9.44	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	n	12.44	9.44	0	0	0	0	0	0	0	0
	W	12C-0sw	0.091	e	3.33	2.22	0	0	0	0	0	0	0	0
	G	10D-b	0.340	e	12.44	14.21	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	e	12.44	27.76	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	e	12.44	11.53	0	0	0	0	0	0	0	0
	W	12C-0sw	0.091	s	3.33	2.22	0	0	0	0	0	0	0	0
	G	10D-b	0.340	s	12.44	8.39	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	s	12.44	10.67	0	0	0	0	0	0	0	0
	W	12C-0sw	0.091	w	3.33	2.22	0	0	0	0	0	0	0	0
	G	10D-b	0.340	w	12.44	22.86	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	G	4B5-2fb	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	C	16B-30ad	0.032	-	1.17	1.69	73	73	86	124	68	68	80	115
	F	22A-cpl	0.989	-	36.20	0.00	73	0	0	0	68	0	0	0
6	c) AED excursion													-8
	Envelope loss/gain								86	116			80	107
12	a) Infiltration								0	0			0	0
	b) Room ventilation								0	0			0	0
13	Internal gains:		Occupants @	230			0		0	0	0		0	0
			Appliances/other						0	0			0	0
	Subtotal (lines 6 to 13)								86	116			80	107
	Less external load								0	0			0	0
	Less transfer								0	0			0	0
	Redistribution								0	0			0	0
14	Subtotal								86	116			80	107
15	Duct loads						28%	46%	24	53	28%	46%	22	49
	Total room load								110	169			102	157
	Air required (cfm)								5	9			5	8

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Right-J® Worksheet
Entire House
Walter Family Homes LLC

Job: R0519326
Date: 06-03-19
By: AMA

904 Gordon Ave, Thomasville, GA 31792 Phone: 866-769-9829

1	Room name				Pantry				Laundry					
	Exposed wall				0 ft				0 ft					
	Room height				8.0 ft heat/cool				8.0 ft heat/cool					
3	Room dimensions				8.0 x 6.3 ft				8.0 x 7.0 ft					
4	Room area				50.7 ft²				56.0 ft²					
5	Ty	Construction number	U-value (Btuh/ft²·°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)	
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool
6	W	12C-0sw	0.091	n	3.33	2.22	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	n	12.44	9.44	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	n	12.44	9.44	0	0	0	0	0	0	0	0
	W	12C-0sw	0.091	e	3.33	2.22	0	0	0	0	0	0	0	0
	G	10D-b	0.340	e	12.44	14.21	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	e	12.44	27.76	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	e	12.44	11.53	0	0	0	0	0	0	0	0
	W	12C-0sw	0.091	s	3.33	2.22	0	0	0	0	0	0	0	0
	G	10D-b	0.340	s	12.44	8.39	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	s	12.44	10.67	0	0	0	0	0	0	0	0
	W	12C-0sw	0.091	w	3.33	2.22	0	0	0	0	0	0	0	0
	G	10D-b	0.340	w	12.44	22.86	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	G	4B5-2fb	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	C	16B-30ad	0.032	-	1.17	1.69	51	51	59	86	56	56	66	95
	F	22A-cpl	0.989	-	36.20	0.00	51	0	0	0	56	0	0	0
6	c) AED excursion													-40
	Envelope loss/gain								59	80			66	55
12	a) Infiltration								0	0			0	0
	b) Room ventilation								0	0			0	0
13	Internal gains:		Occupants @	230			0		0	0	0			0
			Appliances/other						0	0				500
	Subtotal (lines 6 to 13)								59	80			66	555
	Less external load								0	0			0	0
	Less transfer								0	0			0	0
	Redistribution								0	0			0	0
14	Subtotal								59	80			66	555
15	Duct loads						28%	46%	17	37	28%	46%	18	256
	Total room load								76	117			84	811
	Air required (cfm)								4	6			4	41

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Right-J® Worksheet
Entire House
Walter Family Homes LLC

Job: R0519326
Date: 06-03-19
By: AMA

904 Gordon Ave, Thomasville, GA 31792 Phone: 866-769-9829

1 2 3 4 5	Room name				Mwic 5.3 ft				Master Suite 29.0 ft					
	Exposed wall				8.0 ft				8.0 ft					
	Room height				10.3 x 5.3 ft				16.0 x 13.0 ft					
Room dimensions				55.1 ft²				208.0 ft²						
Room area														
	Ty	Construction number	U-value (Btuh/ft²·°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)	
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool
6	W	12C-0sw	0.091	n	3.33	2.22	43	43	142	95	104	89	296	197
	G	4A5-2ob	0.340	n	12.44	9.44	0	0	0	0	15	0	187	142
	G	4A5-2ob	0.340	n	12.44	9.44	0	0	0	0	0	0	0	0
	W	12C-0sw	0.091	e	3.33	2.22	0	0	0	0	0	0	0	0
	G	10D-b	0.340	e	12.44	14.21	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	e	12.44	27.76	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	e	12.44	11.53	0	0	0	0	0	0	0	0
	W	12C-0sw	0.091	s	3.33	2.22	0	0	0	0	0	0	0	0
	G	10D-b	0.340	s	12.44	8.39	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	s	12.44	10.67	0	0	0	0	0	0	0	0
	W	12C-0sw	0.091	w	3.33	2.22	0	0	0	0	128	98	326	217
	G	10D-b	0.340	w	12.44	22.86	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	0	0	0	0	30	0	373	833
	G	4A5-2ob	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	G	4B5-2fb	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	C	16B-30ad	0.032	-	1.17	1.69	55	55	65	93	208	208	244	352
	F	22A-cpl	0.989	-	36.20	0.00	55	5	193	0	208	29	1050	0
6	c) AED excursion									-14				277
	Envelope loss/gain								400	174			2476	2018
12	a) Infiltration								96	23			522	127
	b) Room ventilation								0	0			0	0
13	Internal gains:		Occupants @	230	Appliances/other		230	0		0	2			460
	Subtotal (lines 6 to 13)								496	197			2998	2605
	Less external load								0	0			0	0
	Less transfer								0	0			0	0
	Redistribution								0	0			0	0
14	Subtotal								496	197			2998	2605
15	Duct loads						28%	46%	138	91	28%	46%	837	1199
	Total room load								634	288			3835	3804
	Air required (cfm)								31	15			188	194

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Right-J® Worksheet
Entire House
Walter Family Homes LLC

Job: R0519326
Date: 06-03-19
By: AMA

904 Gordon Ave, Thomasville, GA 31792 Phone: 866-769-9829

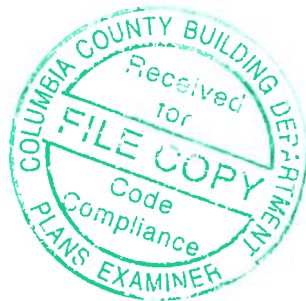
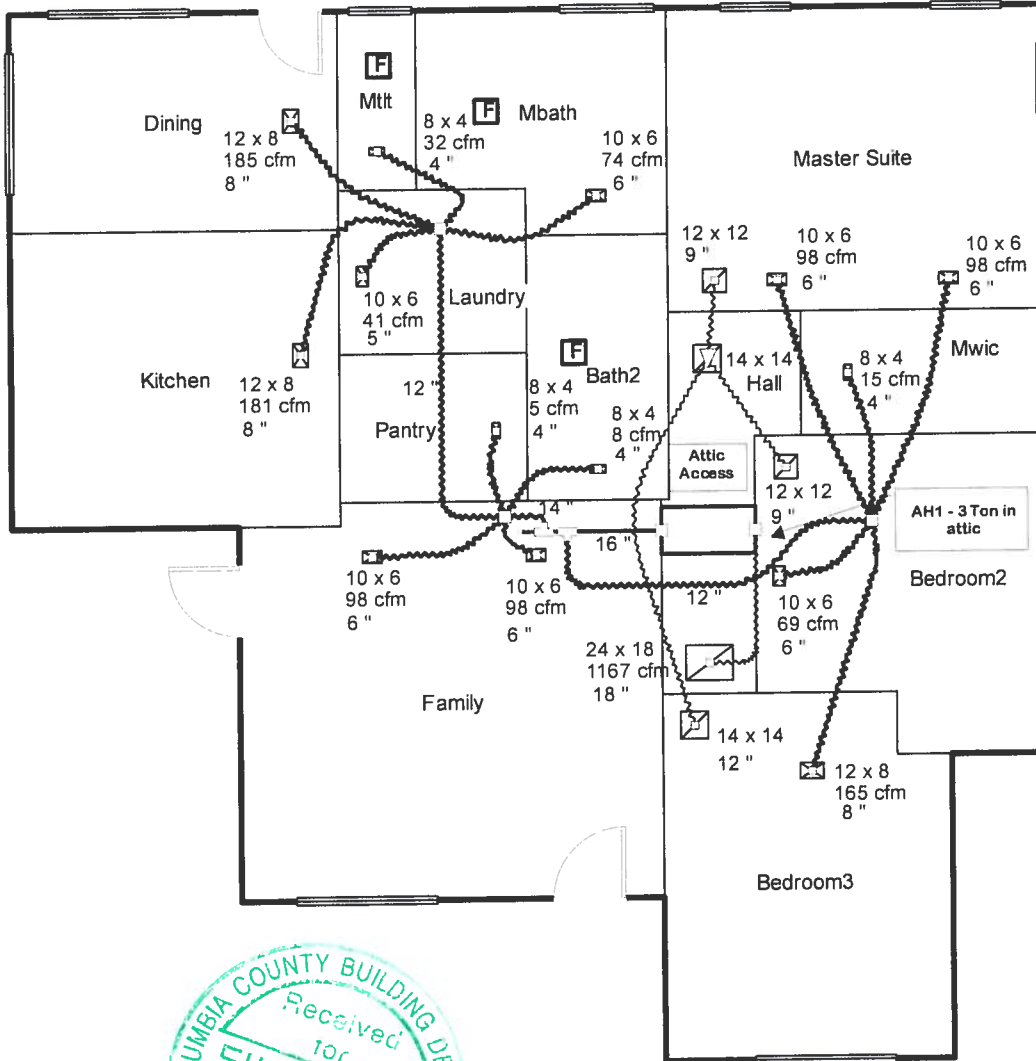
1 2 3 4 5	Room name				Milt				Mbath					
	Exposed wall				3.3 ft				10.7 ft					
	Room height				8.0 ft		heat/cool		8.0 ft		heat/cool			
Room dimensions				3.3 x 7.7 ft				1.0 x 93.8 ft						
Room area				25.6 ft²				93.8 ft²						
	Ty	Construction number	U-value (Btuh/ft²·°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)	
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool
6	W	12C-0sw	0.091	n	3.33	2.22	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	n	12.44	9.44	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	n	12.44	9.44	0	0	0	0	0	0	0	0
11	W	12C-0sw	0.091	e	3.33	2.22	0	0	0	0	0	0	0	0
	G	10D-b	0.340	e	12.44	14.21	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	e	12.44	27.76	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	e	12.44	11.53	0	0	0	0	0	0	0	0
	W	12C-0sw	0.091	s	3.33	2.22	0	0	0	0	0	0	0	0
	G	10D-b	0.340	s	12.44	8.39	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	s	12.44	10.67	0	0	0	0	0	0	0	0
	W	12C-0sw	0.091	w	3.33	2.22	27	19	62	41	85	69	231	154
	G	10D-b	0.340	w	12.44	22.86	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	8	0	100	222	27	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	G	4A5-2ob	0.340	w	12.44	27.76	0	0	0	0	0	0	0	0
	G	4B5-2fb	0.340	w	12.44	27.76	0	0	0	0	16	0	199	444
	C	16B-30ad	0.032	-	1.17	1.69	26	26	30	43	94	94	110	159
	F	22A-cpl	0.989	-	36.20	0.00	26	3	121	0	94	11	386	0
6	c) AED excursion									104				197
	Envelope loss/gain								312	410			926	953
12	a) Infiltration								60	15			192	47
	b) Room ventilation								0	0			0	0
13	Internal gains:		Occupants @		230		0		0	0	0		0	0
			Appliances/other						0	0			0	0
	Subtotal (lines 6 to 13)								372	425			1118	1000
	Less external load								0	0			0	0
	Less transfer								0	0			0	0
	Redistribution								0	0			0	0
14	Subtotal								372	425			1118	1000
15	Duct loads						28%	46%	104	196	28%	46%	312	460
	Total room load								476	621			1430	1460
	Air required (cfm)								23	32			70	74

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.





HVAC Layout



Job #: R0519326
Performed by AMA for:
Griffin
1211 SW Skyline Lp
Fort White, FL 32038

Walter Family Homes LLC

904 Gordon Ave
Thomasville, GA 31792
Phone: 866-769-9829

Scale: 1/8" = 1'0"

Page 1
Right-Suite® Universal 2019
19.0.08 RSU20773
2019-Jun-03 15:07:52
...-WFH-Griffin - All\R0519326.rup