PRD Setbacks
F=25'
S=10'
R=15'

$ 854.26

☑ Truss ☐ NO A/C on Energy Code

~~Elevation Docs~~

Columbia County New Building Permit Application

For Office Use Only Application # 1710-82 Date Received 10/26/17 By LH Permit # 2503/35998

Zoning Official [signature] Date 11/7/17 Flood Zone X Land Use RLD Zoning PRD

FEMA Map # _____ Elevation _____ MFE 116.5' Plat River _____ Plans Examiner T.C. Date 11-6-17

Comments _____

☐ NOC ☑ Deed or PA ☑ Site Plan ☐ State Road Info ☐ Well letter ☑ 911 Sheet ☐ Parent Parcel # _____

☐ Dev Permit # _____ ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter

☐ Owner Builder Disclosure Statement ☐ Land Owner Affidavit ☐ Ellisville Water ☐ App Fee Paid ☑ Sub VF Form

Septic ALL City Utilities OR City Water ☑ Fax _____

Applicant (Who will sign/pickup the permit) ADAM PAPKA Phone 386-623-2383

Address PO Box 1921, Lake City, FL 32056

Owners Name Rullard Development Co Phone _____

911 Address 167 SW BEACON WAY LAKE CITY FL 32025

Contractors Name ADAM PAPKA Phone 386-623-2383

Address PO Box 1921 LAKE CITY FL 32056

Contractor Email adam@builtbyadam.com ***Include to get updates on this job.

Fee Simple Owner Name & Address –

Bonding Co. Name & Address – 178 NW Brown Rd

Architect/Engineer Name & Address NICK GEIGLEI, AR, Lake City, FL 32055

Mortgage Lenders Name & Address –

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

Property ID Number 13-4S-16-02951-111 Estimated Construction Cost 130,000

Subdivision Name AMELIA LANDING Lot 11 Block ____ Unit ____ Phase ____

Driving Directions from a Major Road SISTERS WELCOME HEAD SOUTH TO BUSINESS POINT DRIVE

Go (L), GO 1/4 Mile turn (L) onto Beacon Way, 3rd House on (R)

Construction of New Home ____ Commercial OR ☑ Residential

Proposed Use/Occupancy Single Fam. Number of Existing Dwellings on Property 0

Is the Building Fire Sprinkled? No 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 32' Side 38' Side 38' Rear 82'

Number of Stories 1 Heated Floor Area 1669 Total Floor Area 2325 Acreage 1.50

Zoning Applications applied for (Site & Development Plan, Special Exception, etc.) _____

LH - Told Adam what was needed when turned in. LH Spoke to Adam 11-17-17

Columbia County Building Permit Application

CODE: Florida Building Code 2014 and the 2011 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.

amended
Chris A. Bullard
Print Owners Name

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 CBC1253409
Columbia County
Competency Card Number

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 26 **day of** Oct **20** 17.

Personally known ✓ **or Produced Identification**

State of Florida Notary Signature (For the Contractor)

SEAL:

LAURIE HODSON
MY COMMISSION # FF 976102
EXPIRES: July 14, 2020
Bonded Thru Notary Public Underwriters

This Instrument Prepared by & return to:
Chris A. Bullard
Bullard Development Co.
Address: P.O. Box 766
Lake City, FL 32056-0766

Property Appraisers Parcel ID Numbers(s)
13-4S-16-02949-000

Space above this line for processing data

WARRANTY DEED
FROM CORPORATION

Inst:2006008697 Date:04/10/2006 Time:11:33
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1080 P:237

Space above this line for recording data

This Warranty Deed, Made and executed the 3rd Day of April , 2006, by Bullard Development Co., a corporation existing under the laws of the State of Florida, and having its principal place of business at: P.O. Box 766, Lake City, FL 32056-0766, hereinafter called the grantor, to: Amelia Landing Inc, a corporation existing under the laws of the State of Florida, and having its principal place of business at : P.O. Box 1733, Lake City, FL 32056-1733, hereinafter called the Grantee.

(Wherever used herein the terms "Grantor" and "Grantee" include all the parties to this instrument, singular and plural., and the heirs, legal representatives, and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

Witnesseth, That the Grantor, for and in consideration of the sum of $10.00 (Ten Dollars) and other valuable considerations, receipt whereof is hereby acknowledged, by these presents does grant, bargain, sell, alien, remise, release, convey and confirm unto the Grantee, all that certain land, situate in Columbia County, State of Florida, viz:

See Schedule A attached

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

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

And the Grantor hereby covenants with said grantee that it is lawfully seized of said land in fee simple; that it has the good right and lawful authority to sell and convey said land; that it hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2005.

(Corporate Seal)

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

ATTEST: _____
Secretary

Signed, sealed and delivered in the presence of:

_____
Witness Signature

Julie Bielling
Printed Name

_____
Witness Signature

Ethel M. Rasor
Printed Name

Bullard Development Co.
Name of Grantor

_____
Vice President(Signature)

Chris A. Bullard, Vice President
Vice President's Printed Name

P.O. Box 1432, Lake City, FL 32056-0766
Grantor's Post Office Address

STATE OF FLORIDA
COUNTY OF COLUMBIA

I hereby Certify that on this day, before me, an officer duly authorized to administer oaths and take acknowledgments, personally appeared Chris A. Bullard, known to me to be the Vice President of Bullard Development Co., the corporation in whose name the foregoing instrument was executed, and that he severally acknowledged executing the same for such corporation, freely and voluntarily, under authority duly vested in him by said corporation and that the seal affixed thereto is the true corporate seal of the corporation, and that an oath was not taken. Said person is personally known to me X.
Said person produced the following type of identification: _____.

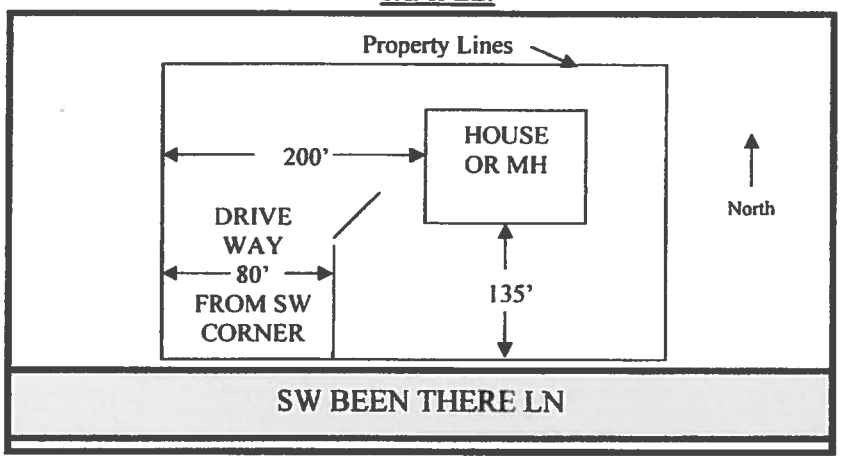
Witness my hand and official seal in the County and State last aforesaid this 3rd of April, 2006.

Ethel M. Rasor
Commission # DD397533
Expires April 8, 2009

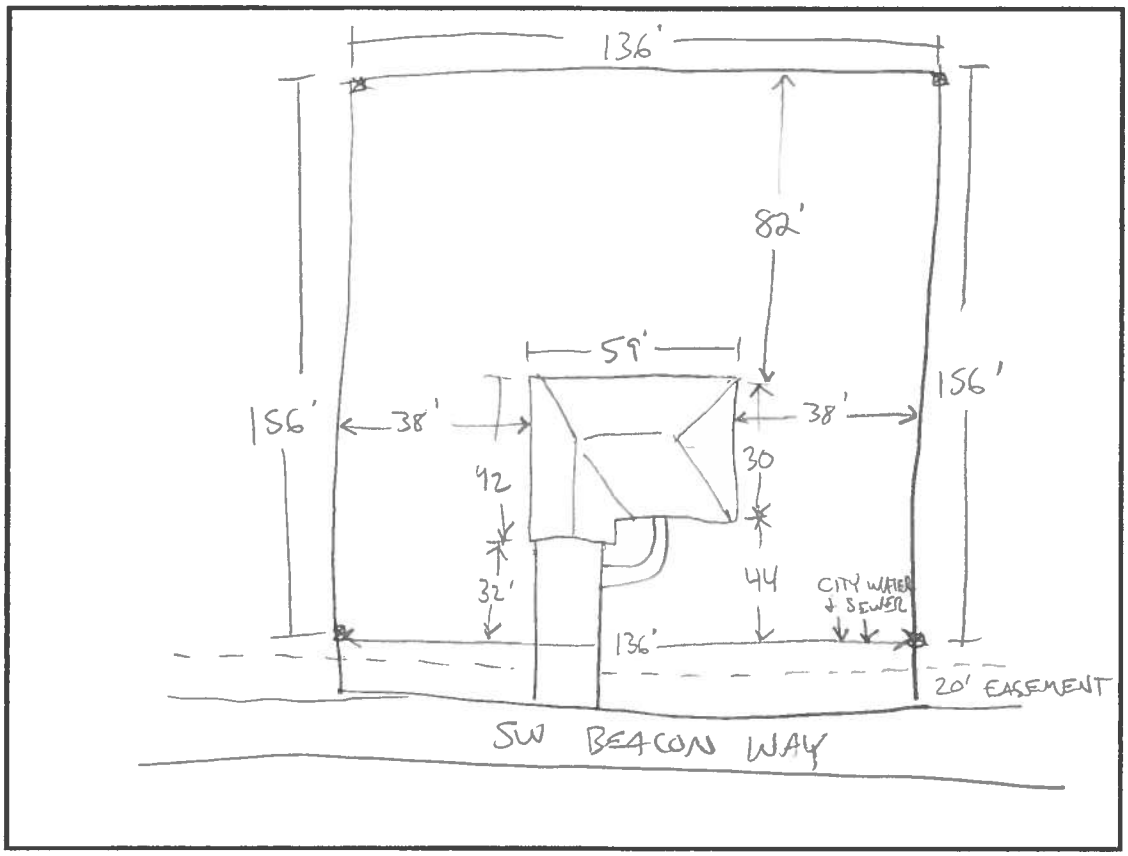
_____
Notary Signature

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

SAMPLE:



SITE PLAN BOX:



District No. 1 - Ronald Williams
District No. 2 - Rusty DePratter
District No. 3 - Bucky Nash
District No. 4 - Everett Phillips
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:	**10/13/2017 2:00:20 PM**
Address:	**167 SW BEACON Way**
City:	**LAKE CITY**
State:	**FL**
Zip Code	**32025**
Pracel ID	**02951-111**

REMARKS: Address for proposed structure on parcel.

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.

Amelia Landing Inc
Lot 11 ph 2

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

CITY OF LAKE CITY

Florida's Gateway Est 1859

November 14, 2017

Mr. Papka,

This letter is to verify that the City of Lake City has potable water and sewer available to tap into at 167 SW Beacon Way, Parcel 13-4S-16-02951-111.

Please note, a tap will need to be completed before access to the services are available. If you have any questions, please feel free to contact me at (386) 719-5786 during our normal business hours of 8:00 am to 4:30 pm, Monday through Friday. I will be happy to assist you.

Sincerely,

Shasta M. Pelham

Shasta M. Pelham
Utility Service Coordinator

Cc: Jason Dumas
Customer Service Manager

Columbia County Building Department 35918
Culvert Permit

Culvert Permit No.
000002503

DATE 11/15/2017 PARCEL ID # 13-4S-16-02951-111

APPLICANT ADAM PAPKA PHONE 623-2383

ADDRESS PO BOX 1921 LAKE CITY FL 32056

OWNER BULLARD DEVELOPMENT CO PHONE

ADDRESS 167 SW BEACON WAY LAKE CITY FL 32025

CONTRACTOR ADAM PAPKA PHONE 386-623-2383

LOCATION OF PROPERTY 90 W. L SISTERS WELCOME RD. L BUSINESS POINT DR.

L BEACON WAY. 3RD ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT AMELIA LANDING 11

INSTALLATION INFORMATION SIGNATURE

(A) A culvert shall be required to be installed as part of any newly constructed private driveway or road, or public road, which connects to a county road in Columbia County. Culvert installation for residential use shall require a permit issued by the Building and Zoning Department. Prior to any culvert permit being issued, an inspection by the Public Works Department shall be required to determine the proper size, length, and location for installation. Culvert installation for commercial, industrial, and other uses shall conform to the approved site plan or to the specifications of a registered engineer. Joint use culverts will comply with Florida Department of Transportation specifications.

(B) The culvert shall comply and be installed in accordance with Columbia County Land Development Regulation, Access Control Section 4.2.3 standards. Proper installation of the culvert shall be verified by a final inspection performed by the Public Works Department.

(C) All culverts required by this policy shall be installed prior to the Building Department granting permission to connect permanent electrical service to the facility or facilities being serviced by newly constructed private driveway or road. In cases where no electrical service exists, installation shall be completed prior to final inspection approval.

(D) Mitered-end culverts shall be used in the following applications:
(1) When the culvert is to be placed giving access to a paved street.; (2) When the road is contained within a subdivision (recorded or unrecorded) that has not reached a "build out" of fifty percent (50%) or more.; (3) In all new subdivisions for residential use. New subdivisions shall be required as part of the final plat to specify culvert diameter and length.; (4) When the predominant use already established by the use of mitered-end culverts period.

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

☐ Department of Transportation Permit installation approved standards.

☒ Shall conform to Public Works Determinations as Stated Below:

Private road 11/20/17

P W Inspectors Name: _____ Date: _____

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

CONTACT FOR REQUIREMENTS AND INSPECTIONS:

PUBLIC WORKS DEPARTMENT

Phone: 386-758-1019

Amount Paid 25.00

Check No. 1004

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

COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST

MINIMUM PLAN REQUIREMENTS: FLORIDA BUILDING CODE RESIDENTIAL 2014 EFFECTIVE 1 JULY 2015 AND THE NATIONAL ELECTRICAL CODE 2011 EFFECTIVE 1 JULY 2015

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT 2014 FLORIDA BUILDING CODES RESIDENTIAL, EFFECTIVE 1 JULY 2015. NATIONAL ELECTRICAL CODE 2011 EFFECTIVE 1 JULY 2015. ALL PLANS OR DRAWINGS SHALL PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FLORIDA BUILDING CODE FIGURE 1609-A THROUGH 1609-C ULTIMATE DESIGN WIND SPEEDS FOR RISK CATEGORY AND BUILDINGS AND OTHER STRUCTURES
Revised 12/2016

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Marked as Applicable Select From the Dropbox
1	Two (2) complete sets of plans containing the following:	Yes
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void	Yes
3	Condition space (Sq. Ft.) 1669 Total (Sq. Ft.) under roof 2325	YES / NO / N/A

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL R101.2.1

Site Plan information including:

4	Dimensions of lot or parcel of land	Yes
5	Dimensions of all building set backs	Yes
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	Yes
7	Provide a full legal description of property.	Yes

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 Marked as Applicable
8	**Plans or specifications must show compliance with FBCR Chapter 3**	YES / NO / N/A

Select From the Dropbox

9	Basic wind speed (3-second gust), miles per hour	Yes
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	Yes
11	Wind importance factor and nature of occupancy	Yes
12	The applicable internal pressure coefficient, Components and Cladding	Yes
13	The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component, cladding materials not specifally designed by the registered design professional.	Yes

Elevations Drawing including:

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

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	Yes
21	Raised floor surfaces located more than 30 inches above the floor or grade	N/A
22	All exterior and interior shear walls indicated	Yes
23	Shear wall opening shown (Windows, Doors and Garage doors)	Yes
24	Show compliance with Section FBCR 310 Emergency escape and rescue opening shown in each bedroom (net clear opening shown) and Show compliance with Section 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.	Yes
25	Safety glazing of glass where needed	Yes
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 and chapter 24 of FBCR)	N/A
27	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails	N/A
28	Identify accessibility of bathroom (see FBCR SECTION 320)	Yes

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

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

YES NO N A

FBCR 403: Foundation Plans

Select From the Dropbox

29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	Yes
30	All posts and/or column footing including size and reinforcing	Yes
31	Any special support required by soil analysis such as piling.	N/A
32	Assumed load-bearing valve of soil_____ Pound Per Square Foot	N/A
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type) **For** structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an grounding electrode system. Per the National Electrical Code article 250.52.3	Yes

FBCR 506: CONCRETE SLAB ON GRADE

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

FBCR 318: PROTECTION AGAINST TERMITES

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

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

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

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

Floor Framing System: First and/or second story

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer	N/A

40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers	N/A
41	Girder type, size and spacing to load bearing walls, stem wall and/or priers	N/A
42	Attachment of joist to girder	N/A
43	Wind load requirements where applicable	N/A
44	Show required under-floor crawl space	N/A
45	Show required amount of ventilation opening for under-floor spaces	N/A
46	Show required covering of ventilation opening	N/A
47	Show the required access opening to access to under-floor spaces	N/A
48	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & intermediate of the areas structural panel sheathing	N/A
49	Show Draftstopping, Fire caulking and Fire blocking	Yes
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 302.6	Yes
51	Provide live and dead load rating of floor framing systems (psf).	N/A

YES NO N A

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Marked as Applicable
		Select From the Dropbox
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	Yes
53	Fastener schedule for structural members per table IRC 602.3 are to be shown	Yes
54	Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing	Yes
55	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems	Yes
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per IRC Table 502.5 (1)	Yes
57	Indicate where pressure treated wood will be placed	Yes
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	Yes
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	Yes

FBCR :ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.1.6.1 Wood trusses	Yes
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer	Yes
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	Yes
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	Yes
64	Provide dead load rating of trusses	Yes

FBCR 802:Conventional Roof Framing Layout

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

N/A

FBCR 803 ROOF SHEATHING

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

ROOF ASSEMBLIES FRC Chapter 9

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

FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter11 Residential buildings compliance methods. **Two of the required forms are to be submitted.** *N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.*

YES NO / N/A

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Marked as Applicable Select From the Dropbox
73	Show the insulation R value for the following areas of the structure	Yes
74	Attic space	Yes
75	Exterior wall cavity	Yes
76	Crawl space	N/A
	HVAC information	
77	Submit two copies of a Manual J sizing equipment or equivalent computation study	Yes
78	Exhaust fans shown in bathrooms **Mechanical exhaust capacity of 50 cfm intermittent or 20 cfm continuous required**	Yes
79	Show clothes dryer route and total run of exhaust duct	Yes
	Plumbing Fixture layout shown	
80	All fixtures waste water lines shall be shown on the foundation plan	Yes
81	Show the location of water heater	Yes
	Private Potable Water	
82	Pump motor horse power	Yes
83	Reservoir pressure tank gallon capacity	Yes
84	Rating of cycle stop valve if used	Yes
	Electrical layout shown including	
85	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	Yes
86	Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected by **Ground-Fault Circuit Interrupter (GFCI) Article 210.8 A**	Yes
87	Show the location of smoke detectors & Carbon monoxide detectors	Yes
88	Show service panel, sub-panel, location(s) and total ampere ratings	Yes
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type. **For structures** with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an Grounding electrode system. Per the National Electrical Code article 250.52.3	Yes
90	Appliances and HVAC equipment and disconnects	Yes
91	Show all 120-volt, single phase, 15- and 20-ampere branch circuits supplying outlets installed in dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or similar rooms or areas shall be protected by a listed **Combination arc-fault circuit interrupter,** Protection device.	Yes

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

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	**Building Permit Application** A current Building Permit Application 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.	NO	Yes	
93	**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	NO	Yes	
94	**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.	NO	N/A	
***	**BELOW ITEMS ONLY NEEDED AFTER ZONING APPROVAL HAS GIVEN.**	****	***	***
95	**Environmental Health Permit or Sewer Tap Approval** A copy of a approved Columbia County Environmental Health (386) 758-1058	NO	Yes	
96	**City of Lake City** A City Water and/or Sewer letter. Call 386-752-2031	NO	N/A	
97	**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	NO	Yes	
98	**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.		Yes	
99	A Flood development permit is also required for AE, Floodway & AH. Development permit cost is **$50.00**			
100	**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.	NO	Yes	
101	**911 Address:** An application for a 911address must be applied for and **received** through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125.	NO	Yes	

TOILET FACILITIES SHALL BE PROVIDED FOR ALL CONSTRUCTION SITES. NO

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

Notice Of Commencement

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

Section R101.2.1 of the Florida Building Code Residential:

The provisions of Chapter 1, Florida Building Code shall govern the administration and enforcement of the Florida Building Code, Residential.

PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, 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	Masonite, Int.	Exterior Doors	FL 4904.1
B. SLIDING			
C. SECTIONAL			
D. ROLL UP			
E. AUTOMATIC			
F. OTHER			
2. WINDOWS			
A. SINGLE HUNG	Atrium	Windows S/H	FL 11626.1
B. HORIZONTAL SLIDER	Atrium	" H/S	FL 11624
C. CASEMENT	~~Atrium~~	"	FL
D. DOUBLE HUNG	Atrium	" Fixed	FL 11623
E. FIXED			
F. AWNING			
G. PASS THROUGH			
H. PROJECTED			
I. MULLION			
J. WIND BREAKER			
K. DUAL ACTION			
L. OTHER			
3. PANEL WALL			
A. SIDING	Certainteed	Fiber Cement Siding	FL 3148.1
B. SOFFITS	Kaylan	Aluminum Soffit	FL 12198.1
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	Certainteed	Shingles	FL 5444
B. UNDERLAYMENTS	Woodland Industries	30# FELT	FL 1814.1
C. ROOFING FASTENERS			
D. NON-STRUCTURAL METAL ROOFING			
E. WOOD SHINGLES AND SHAKES			
F. ROOFING TILES			
G. ROOFING INSULATION			
H. WATERPROOFING	GAF		FL 4911-R1
I. BUILT UP ROOFING ROOF SYSTEMS			
J. MODIFIED BITUMEN	GAF		FL 5680-R3
K. SINGLE PLY ROOF SYSTEMS	GAF		FL 3443-R2

L. ROOFING SLATE			
M. CEMENTS-ADHESIVES COATINGS			

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
N. LIQUID APPLIED ROOF SYSTEMS			
O. ROOF TILE ADHESIVE			
P. SPRAY APPLIED POLYURETHANE ROOF			
Q. OTHER			
5. SHUTTERS			
A. ACCORDION			
B. BAHAMA			
C. STORM PANELS			
D. COLONIAL			
E. ROLL-UP			
F. EQUIPMENT			
G. OTHERS			
6. SKYLIGHTS			
A. SKYLIGHT	Solatube	Skylights	FL 11480
B. OTHER			
7. STRUCTURAL COMPONENTS			
A. WOOD CONNECTORS/ ANCHORS	Simpson	Connectors	FL 2589-R1
B. TRUSS PLATES			FL 1630.1
C. ENGINEERED LUMBER	ILevel	LVL's, Eng 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 PRODUCTS			
A.			
B.			

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

_____

_____

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

RE: 1249827 - ADAMS FRAMING - LOT 11 AMELIA LANDING

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

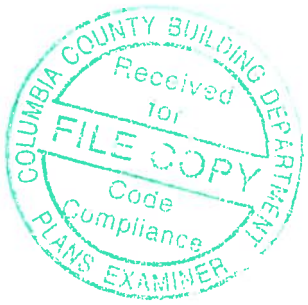
Site Information:
Customer Info: Adams Const. Project Name: 1249827 Model: Kincaid Mod.
Lot/Block: 11 Subdivision: Amelia Landing
Address: TBD
City: Columbia Cty State: FL

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

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):
Design Code: FBC2014/TPI2007 Design Program: MiTek 20/20 7.6
Wind Code: ASCE 7-10 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: N/A psf

This package includes 33 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.

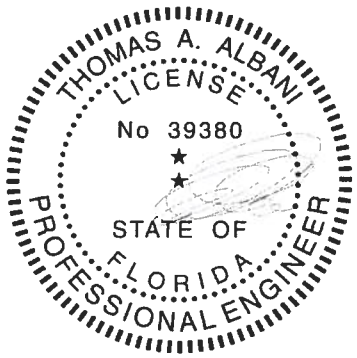
No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	T12324179	CJ01	10/20/17	18	T12324196	T11	10/20/17
2	T12324180	CJ02	10/20/17	19	T12324197	T12	10/20/17
3	T12324181	CJ03	10/20/17	20	T12324198	T13	10/20/17
4	T12324182	CJ04	10/20/17	21	T12324199	T14	10/20/17
5	T12324183	EJ01	10/20/17	22	T12324200	T15	10/20/17
6	T12324184	EJ02	10/20/17	23	T12324201	T16	10/20/17
7	T12324185	HJ01	10/20/17	24	T12324202	T17	10/20/17
8	T12324186	HJ02	10/20/17	25	T12324203	T18	10/20/17
9	T12324187	T02	10/20/17	26	T12324204	T19	10/20/17
10	T12324188	T03	10/20/17	27	T12324205	T20	10/20/17
11	T12324189	T04	10/20/17	28	T12324206	T21	10/20/17
12	T12324190	T05	10/20/17	29	T12324207	T22	10/20/17
13	T12324191	T06	10/20/17	30	T12324208	T22G	10/20/17
14	T12324192	T07	10/20/17	31	T12324209	T23	10/20/17
15	T12324193	T08	10/20/17	32	T12324210	T24	10/20/17
16	T12324194	T09	10/20/17	33	T12324211	T25	10/20/17
17	T12324195	T10	10/20/17				



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, 2019.

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. Any project specific information included is for MiTek's customers file reference purpose only, and was not taken into account in the preparation of these designs. MiTek 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.



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

October 20,2017

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	
1249827	CJ01	JACK-OPEN TRUSS	14	1	Job Reference (optional)	T12324179

Builders FirstSource, Lake City, FL 32055 — 7.640 s Aug 16 2017 MiTek Industries, Inc. Fri Oct 20 15:35:59 2017 Page 1

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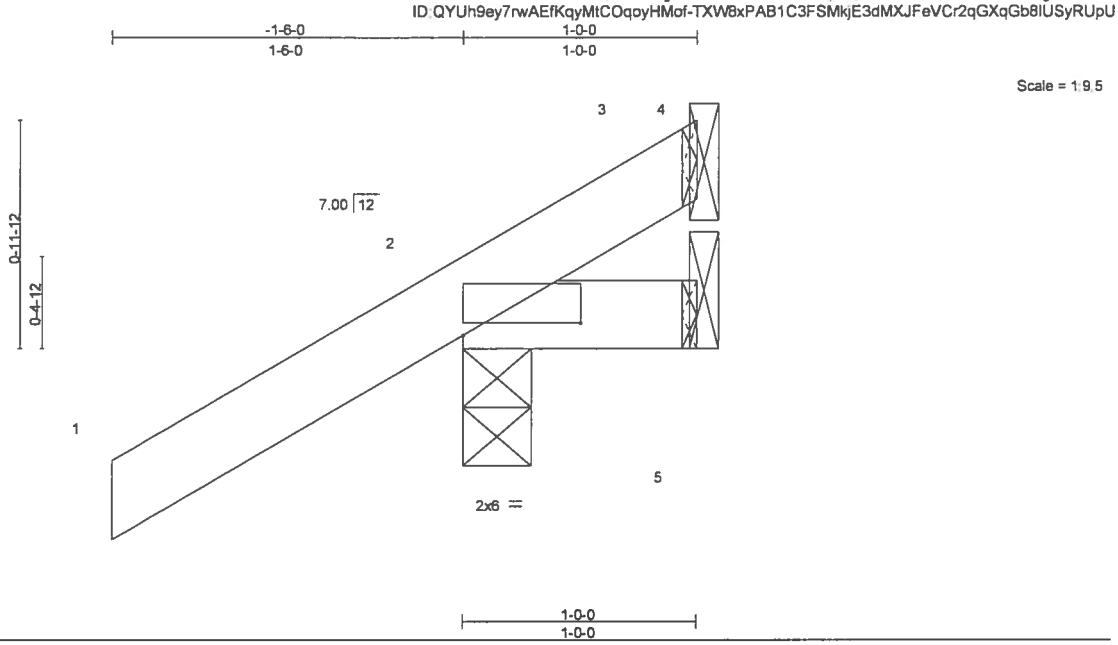

Plate Offsets (X,Y)— [2:0-6-0,0-0-10]

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	0.17	Vert(LL)	0.00	8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.03	Vert(TL)	0.00	8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 6 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 1-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=169/0-3-8, 5=-12/Mechanical, 3=-5/Mechanical
Max Horz 2=66(LC 12)
Max Uplift 2=-94(LC 12), 5=-17(LC 19), 3=-7(LC 9)
Max Grav 2=169(LC 1), 5=20(LC 16), 3=9(LC 8)

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

NOTES- (7)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 5, 3.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	T12324180
1249827	CJ02	JACK-OPEN TRUSS	14	1	Job Reference (optional)	

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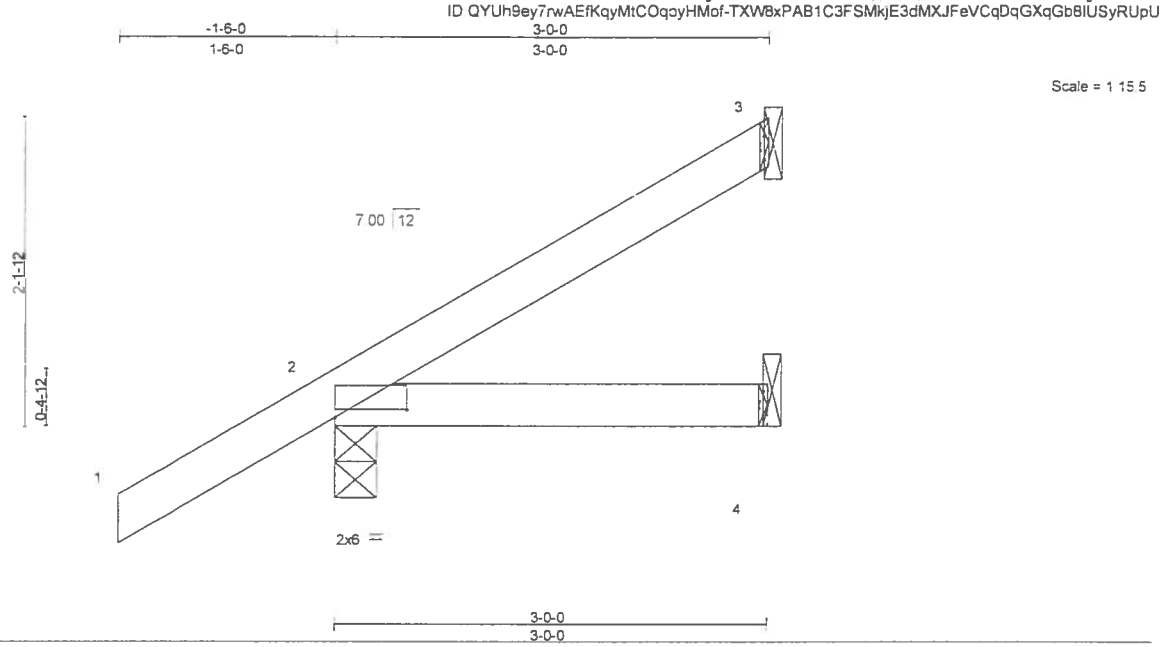

Plate Offsets (X,Y)-- [2:0-6-0,0-0-10]

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	0.17	Vert(LL)	0.01	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.08	Vert(TL)	-0.01	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 12 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=58/Mechanical, 2=214/0-3-8, 4=26/Mechanical
Max Horz 2=120(LC 12)
Max Uplift 3=-60(LC 12), 2=-91(LC 12), 4=-23(LC 9)
Max Grav 3=65(LC 19), 2=214(LC 1), 4=47(LC 3)

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

NOTES- (7)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2, 4.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	
1249827	CJ03	JACK-OPEN TRUSS	14	1	Job Reference (optional)	T12324181

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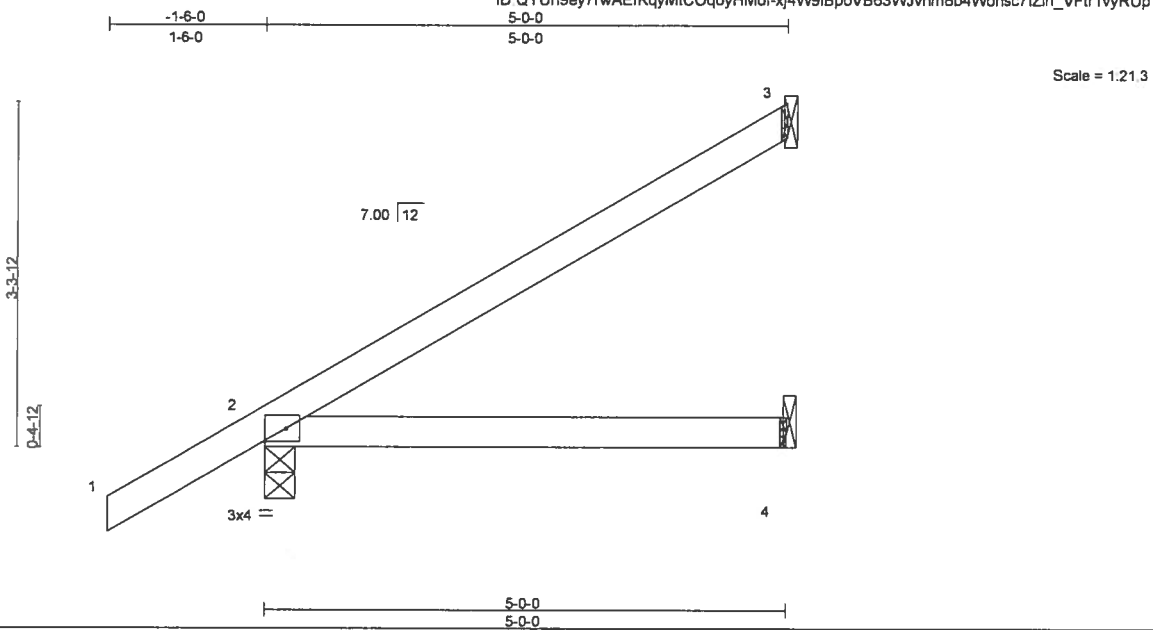

Plate Offsets (X,Y)-- [2:Edge,0-1-8]

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	0.26	Vert(LL)	0.05	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.26	Vert(TL)	-0.05	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 19 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=104/Mechanical, 2=296/0-3-8, 4=47/Mechanical
Max Horz 2=177(LC 12)
Max Uplift 3=-106(LC 12), 2=-115(LC 12), 4=-38(LC 9)
Max Grav 3=115(LC 19), 2=296(LC 1), 4=79(LC 3)

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

NOTES- (7)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 3=106, 2=115.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	T12324182
1249527	CJ04	JACK-OPEN TRUSS	2	1	Job Reference (optional)	

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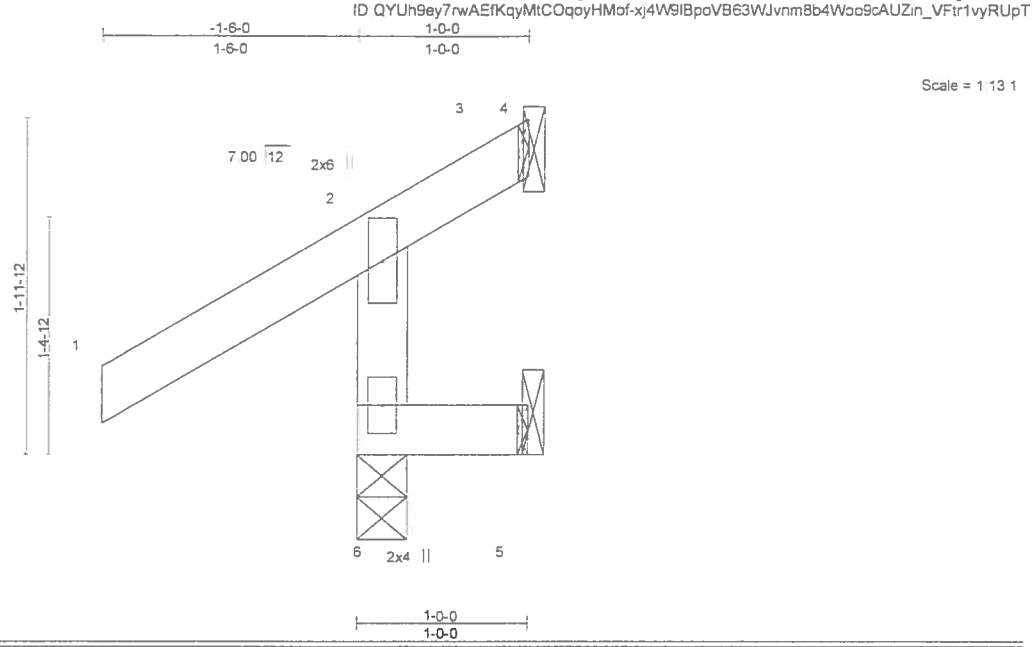

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.24	Vert(LL)	-0.00	6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.08	Vert(TL)	-0.00	6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 7 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 1-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 6=212/0-3-8, 5=-7/Mechanical, 3=-57/Mechanical
Max Horz 6=64(LC 9)
Max Uplift 6=-61(LC 12), 5=-29(LC 9), 3=-57(LC 1)
Max Grav 6=212(LC 1), 5=31(LC 10), 3=20(LC 8)

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

NOTES- (7)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6, 5, 3.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING
1249827	EJ01	JACK-PARTIAL TRUSS	28	1	T12324183
					Job Reference (optional)

Builders FirstSource, Lake City, FL 32055 — 7.640 s Aug 16 2017 MiTek Industries, Inc. Fri Oct 20 15:36:01 2017 Page 1

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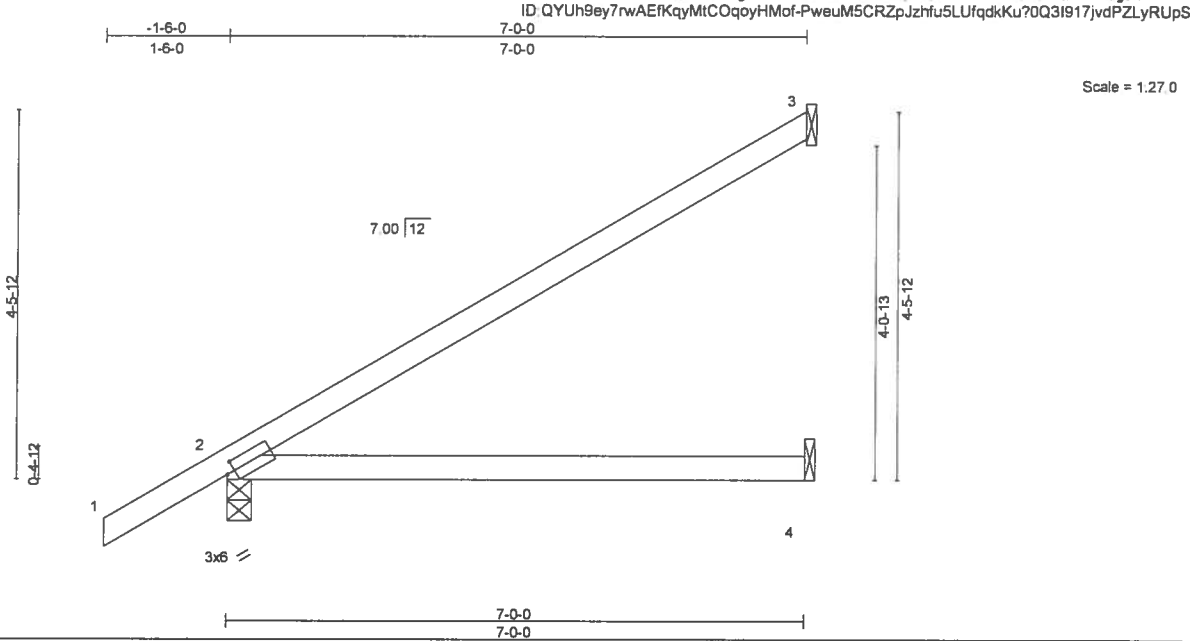

Plate Offsets (X,Y)— [2:0-1-3,0-1-8]

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	0.55	Vert(LL)	0.20	4-7	>425	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.51	Vert(TL)	-0.18	4-7	>457	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.01	2	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 25 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-10-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=146/Mechanical, 2=384/0-3-8, 4=64/Mechanical
Max Horz 2=161(LC 12)
Max Uplift 3=-97(LC 12), 2=-121(LC 9), 4=-51(LC 9)
Max Grav 3=157(LC 19), 2=384(LC 1), 4=110(LC 3)

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

NOTES- (7)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 4 except (jt=lb) 2=121.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	
1249827	EJ02	JACK-OPEN TRUSS	5	1	Job Reference (optional)	T12324184

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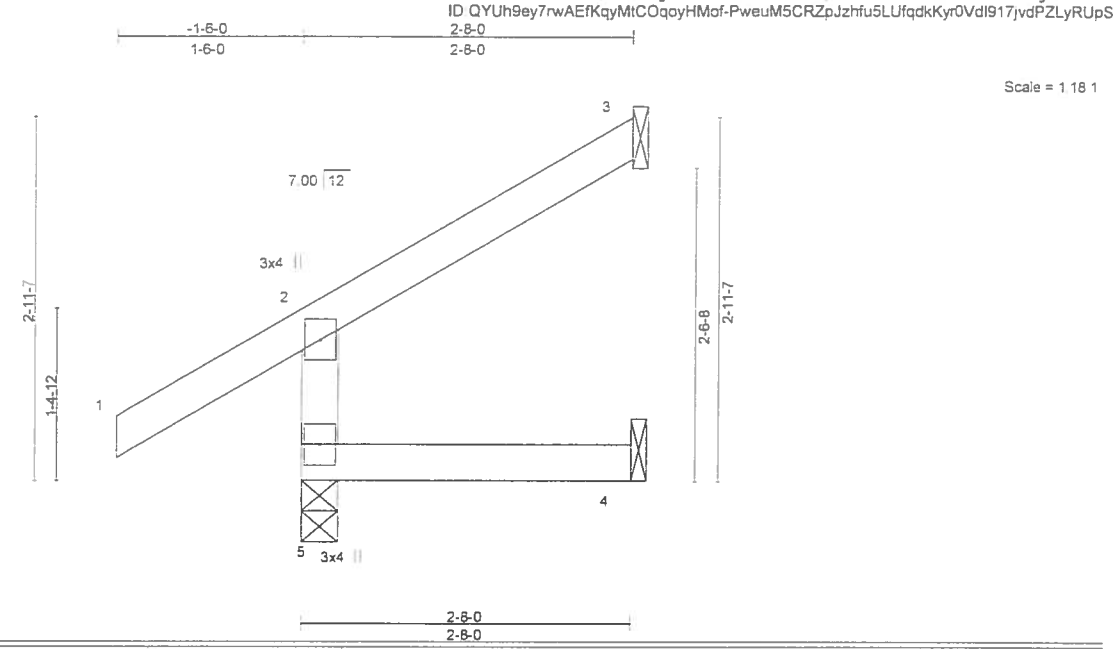

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.31	Vert(LL)	0.01	4-5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.15	Vert(TL)	-0.01	4-5	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.02	3	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 13 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-8-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 5=210/0-3-8, 3=43/Mechanical, 4=19/Mechanical
Max Horz 5=90(LC 12)
Max Uplift 5=-55(LC 12), 3=-69(LC 12), 4=-15(LC 12)
Max Grav 5=210(LC 1), 3=60(LC 19), 4=45(LC 3)

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

NOTES- (7)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 3, 4.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	
1249827	HJ01	DIAGONAL HIP GIRDER	7	1	Job Reference (optional)	T12324185

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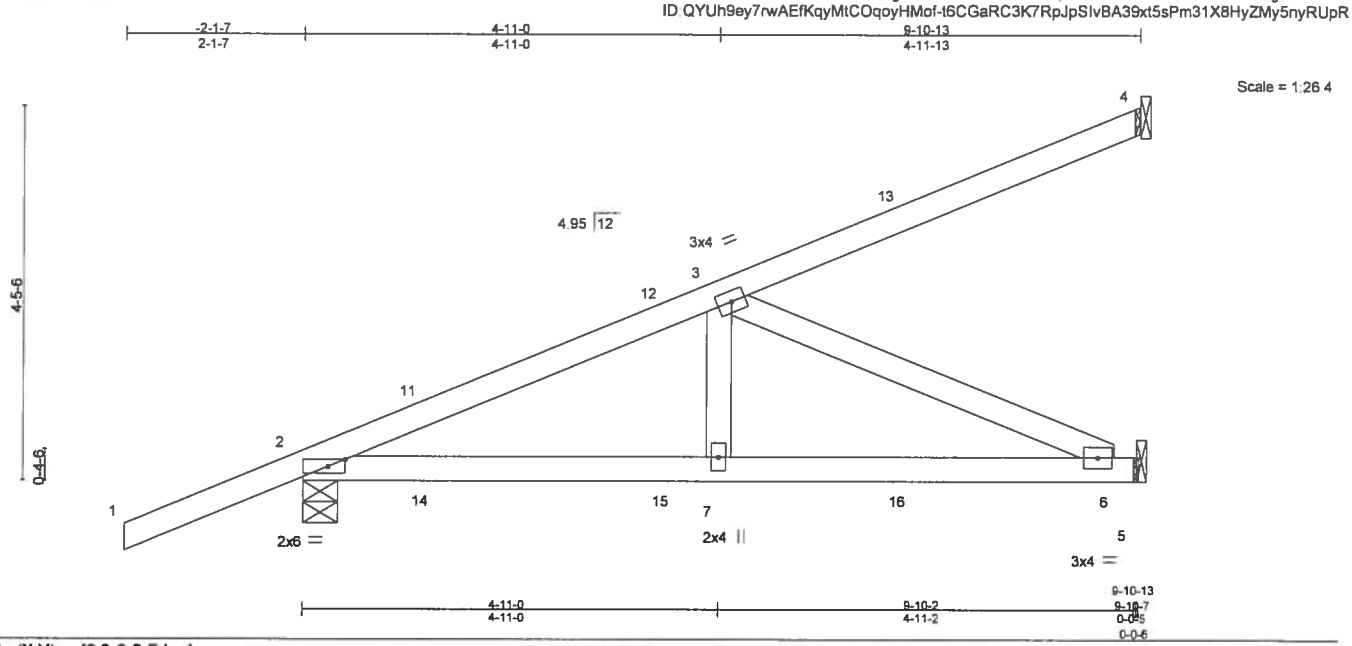

Plate Offsets (X,Y)-- [2:0-2-8,Edge]

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	0.42	Vert(LL)	0.07	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.46	Vert(TL)	-0.10	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.33	Horz(TL)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 44 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 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 7-8-2 oc bracing.

REACTIONS. (lb/size) 4=128/Mechanical, 2=520/0-4-15, 5=291/Mechanical
Max Horz 2=234(LC 8)
Max Uplift 4=-131(LC 8), 2=-378(LC 4), 5=-266(LC 5)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-11=-739/452, 11-12=-683/461, 3-12=-591/445
BOT CHORD 2-14=-533/562, 14-15=-533/562, 7-15=-533/562, 7-16=-533/562, 6-16=-533/562
WEBS 3-7=-133/265, 3-6=-615/583

NOTES- (9)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=131, 2=378, 5=266.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 84 lb down and 64 lb up at 1-5-12, 84 lb down and 64 lb up at 1-5-12, 99 lb down and 50 lb up at 4-3-11, 99 lb down and 50 lb up at 4-3-11, and 128 lb down and 103 lb up at 7-1-10, and 128 lb down and 103 lb up at 7-1-10 on top chord, and 51 lb down and 48 lb up at 1-5-12, 51 lb down and 48 lb up at 1-5-12, 17 lb down and 31 lb up at 4-3-11, 17 lb down and 31 lb up at 4-3-11, and 34 lb down and 51 lb up at 7-1-10, and 34 lb down and 51 lb up at 7-1-10 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 5-8=-20
Concentrated Loads (lb)
Vert: 13=-54(F=-27, B=-27) 15=-5(F=-2, B=-2) 16=-36(F=-18, B=-18)

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	T12324186
1249827	HJ02	DIAGONAL HIP GIRDER	1	1	Job Reference (optional)	

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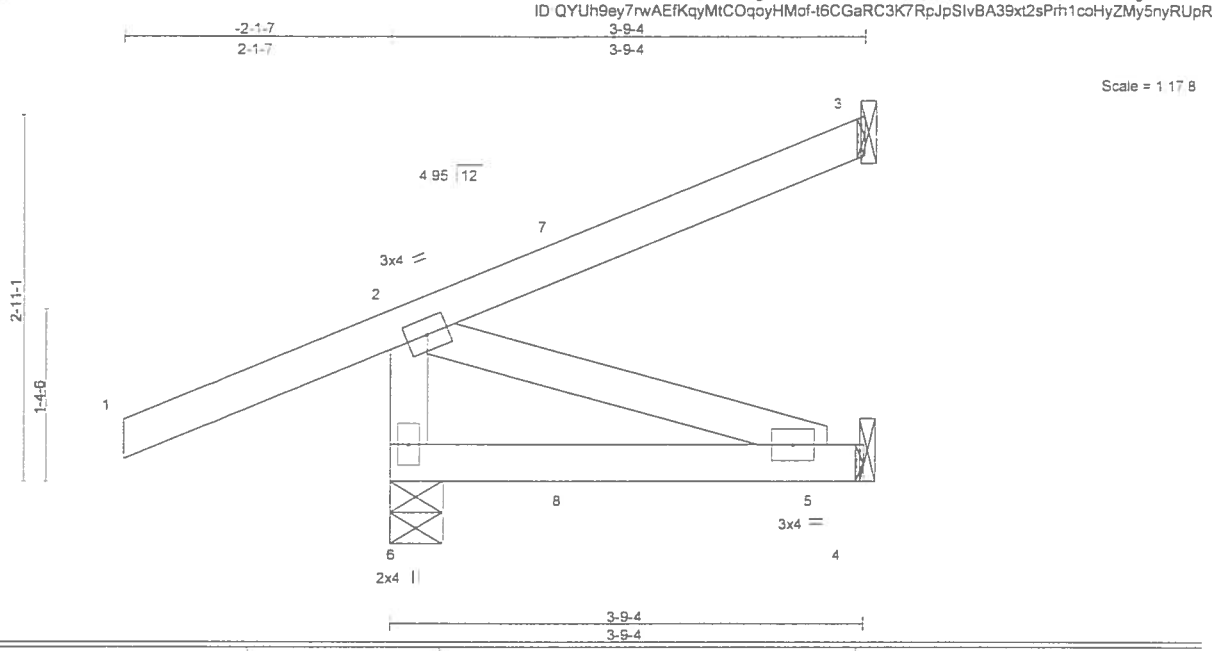

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.61	Vert(LL)	-0.01	5-6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.16	Vert(TL)	-0.02	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.03	Horz(TL)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 21 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 6=252/0-4-15, 3=33/Mechanical, 4=36/Mechanical
Max Horz 6=100(LC 5)
Max Uplift 6=-204(LC 4), 3=-76(LC 8), 4=-43(LC 8)
Max Grav 6=252(LC 1), 3=55(LC 35), 4=71(LC 3)

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

NOTES- (9)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 4 except (jt=lb) 6=204.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 93 lb down and 133 lb up at 1-5-12, and 93 lb down and 133 lb up at 1-5-12 on top chord, and 27 lb down and 29 lb up at 1-5-12, and 27 lb down and 29 lb up at 1-5-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-54, 2-3=-54, 4-6=-20
Concentrated Loads (lb)
Vert: 7=65(F=33, B=33)

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	
1249827	T02	COMMON TRUSS	5	1	Job Reference (optional)	T12324187

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-1-6-0	5-3-0	10-10-0	16-5-0	21-8-0	23-2-0
1-6-0	5-3-0	5-7-0	5-7-0	5-3-0	1-6-0

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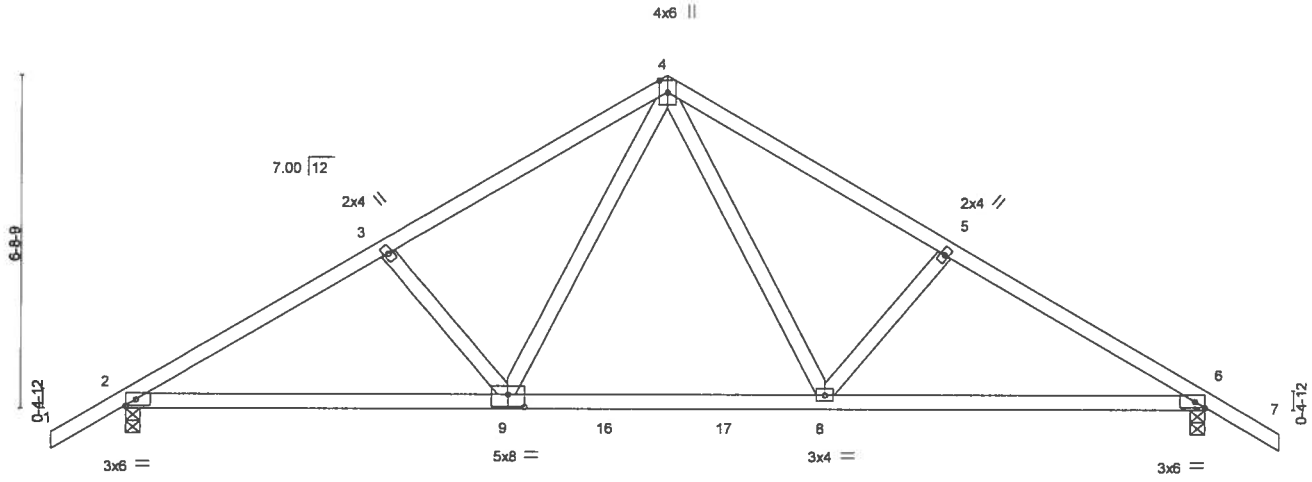

7-7-14	14-0-3	21-8-0
7-7-14	6-4-5	7-7-13

Plate Offsets (X,Y)-- [9:0-4-0,0-3-0]

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	0.43	Vert(LL)	-0.16	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.89	Vert(TL)	-0.34	8-9	>755	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.27	Horz(TL)	0.05	6	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 107 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-4-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-2-2 oc bracing.

REACTIONS. (lb/size) 2=1073/0-3-8, 6=1073/0-3-8
Max Horz 2=179(LC 11)
Max Uplift 2=-244(LC 12), 6=-244(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1621/718, 3-4=-1470/703, 4-5=-1471/703, 5-6=-1622/718
BOT CHORD 2-9=-503/1446, 9-16=-222/961, 16-17=-222/961, 8-17=-222/961, 6-8=-506/1346
WEBS 4-8=-278/687, 5-8=-318/256, 4-9=-277/686, 3-9=-318/256

NOTES- (8)
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=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) 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, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=244, 6=244.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-7=-54, 9-10=-20, 8-9=-80(F=-60), 8-13=-20

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	T12324188
1249827	T03	HIP TRUSS	1	1	Job Reference (optional)	

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-1-6-0	7-0-0	12-3-1	18-4-15	23-8-0	30-4-15
1-6-0	7-0-0	5-3-1	6-1-14	5-3-1	6-8-15

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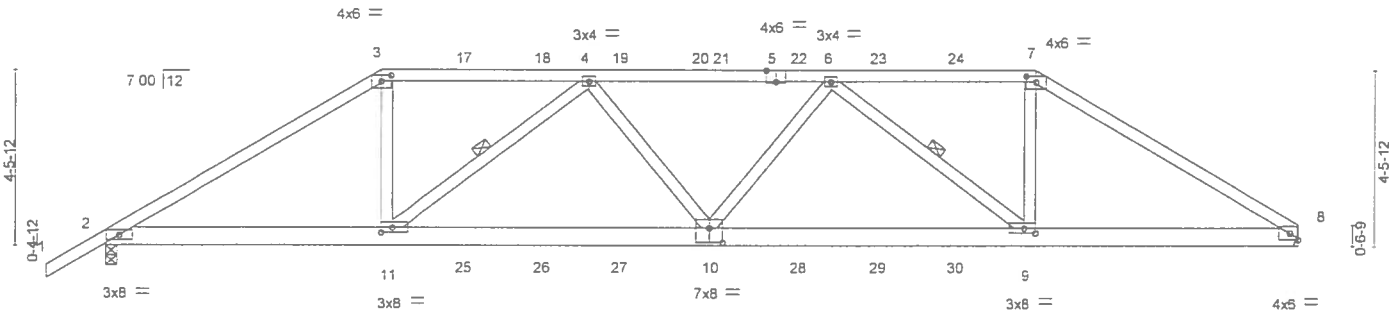

7-0-0	15-4-0	23-8-0	30-4-15
7-0-0	8-4-0	8-4-0	6-8-15

Plate Offsets (X,Y)-- [3:0-3-0,0-1-12], [5:0-3-0,Edge], [7:0-3-0,0-1-12], [9:0-3-8,0-1-8], [10:0-4-0,0-4-8], [11:0-3-8,0-1-8]

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	0.98	Vert(LL)	0.32	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.95	Vert(TL)	-0.47	9-10	>769	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.54	Horz(TL)	0.14	8	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 167 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP M 31 *Except* 5-7: 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-3-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-4-11 oc bracing.
WEBS 1 Row at midpt 4-11, 6-9

REACTIONS. (lb/size) 8=2113/Mechanical, 2=2153/0-3-8
Max Horz 2=117(LC 5)
Max Uplift 8=-1245(LC 9), 2=-1204(LC 8)

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

TOP CHORD 2-3=-3727/2241, 3-17=-3189/2008, 17-18=-3189/2008, 4-18=-3189/2008, 4-19=-4360/2740, 19-20=-4360/2740, 20-21=-4360/2740, 5-21=-4360/2740, 5-22=-4360/2740, 6-22=-4360/2740, 6-23=-3146/2045, 23-24=-3146/2045, 7-24=-3146/2045, 7-8=-3689/2288
BOT CHORD 2-11=-1968/3139, 11-25=-2653/4221, 25-26=-2653/4221, 26-27=-2653/4221, 10-27=-2653/4221, 10-28=-2637/4203, 28-29=-2637/4203, 29-30=-2637/4203, 9-30=-2637/4203, 8-9=-1915/3098
WEBS 3-11=-934/1415, 4-11=-1395/930, 4-10=-208/428, 6-10=-180/459, 6-9=-1413/886, 7-9=-862/1351

NOTES- (11)

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=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
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.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=1245, 2=1204.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 112 lb down and 108 lb up at 7-0-0, 117 lb down and 104 lb up at 9-0-12, 117 lb down and 104 lb up at 11-0-12, 117 lb down and 104 lb up at 13-0-12, 117 lb down and 104 lb up at 15-0-12, 117 lb down and 104 lb up at 15-7-4, 117 lb down and 104 lb up at 17-7-4, 117 lb down and 104 lb up at 19-7-4, and 117 lb down and 104 lb up at 21-7-4, and 190 lb down and 255 lb up at 23-8-0 on top chord, and 306 lb down and 366 lb up at 7-0-0, 70 lb down and 69 lb up at 9-0-12, 70 lb down and 69 lb up at 11-0-12, 70 lb down and 69 lb up at 13-0-12, 70 lb down and 69 lb up at 15-0-12, 70 lb down and 69 lb up at 15-7-4, 70 lb down and 69 lb up at 17-7-4, 70 lb down and 69 lb up at 19-7-4, and 70 lb down and 69 lb up at 21-7-4, and 306 lb down and 366 lb up at 23-7-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

Continued on page 2

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11) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-3=-54, 3-7=-54, 7-8=-54, 2-12=-20

Concentrated Loads (lb)

Vert: 3=-92(B) 7=-143(B) 11=-306(B) 10=-88(B) 9=-306(B) 17=-92(B) 18=-92(B) 19=-92(B) 20=-92(B) 21=-92(B) 22=-92(B) 23=-92(B) 24=-92(B) 25=-44(B) 26=-44(B) 27=-44(B) 28=-44(B) 29=-44(B) 30=-44(B)

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	T12324189
1249827	T04	HIP TRUSS	1	1	Job Reference (optional)	

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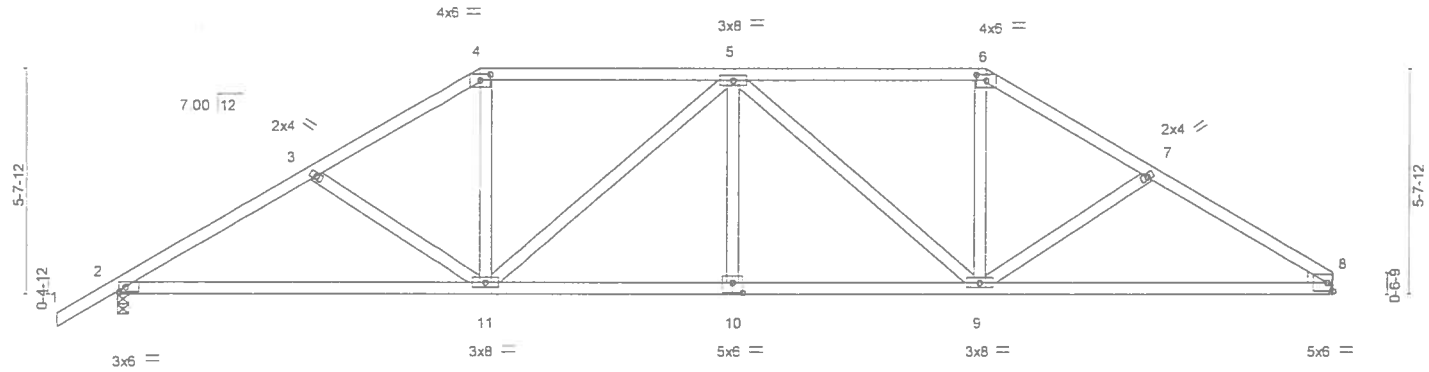
ID:QYUh9ey7rwAEfKqyMtCOqoyHMof-IhtPCTFyd2qOAHBtaJkmnaVbddjcEqqjeXbci6yRUpO

-1-6-0	4-11-5	9-0-0	15-4-0	21-8-0	25-8-11	30-4-15
1-6-0	4-11-5	4-0-11	6-4-0	6-4-0	4-0-11	4-8-4

Scale = 1:55.9



9-0-0	15-4-0	21-8-0	30-4-15
9-0-0	6-4-0	6-4-0	8-8-15

Plate Offsets (X,Y)-- [2:0-1-14,0-1-8], [4:0-3-0,0-1-12], [6:0-3-0,0-1-12], [10:0-3-0,0-3-0]

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	0.45	Vert(LL)	-0.12	11-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.72	Vert(TL)	-0.33	11-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.59	Horz(TL)	0.09	8	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 159 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Right: 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-3-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-2-7 oc bracing.

REACTIONS. (lb/size) 2=1213/0-3-8, 8=1119/Mechanical
Max Horz 2=146(LC 9)
Max Uplift 2=-225(LC 12), 8=-194(LC 13)

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

TOP CHORD 2-3=-1819/863, 3-4=-1602/785, 4-5=-1346/730, 5-6=-1337/725, 6-7=-1590/778, 7-8=-1786/847
BOT CHORD 2-11=-670/1516, 10-11=-648/1629, 9-10=-648/1629, 8-9=-650/1493
WEBS 3-11=-298/218, 4-11=-204/522, 5-11=-456/204, 5-9=-467/209, 6-9=-197/513, 7-9=-285/199

NOTES- (9)

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=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
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.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=225, 8=194.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	
1249827	T05	HIP TRUSS	1	1	Job Reference (optional)	T12324190

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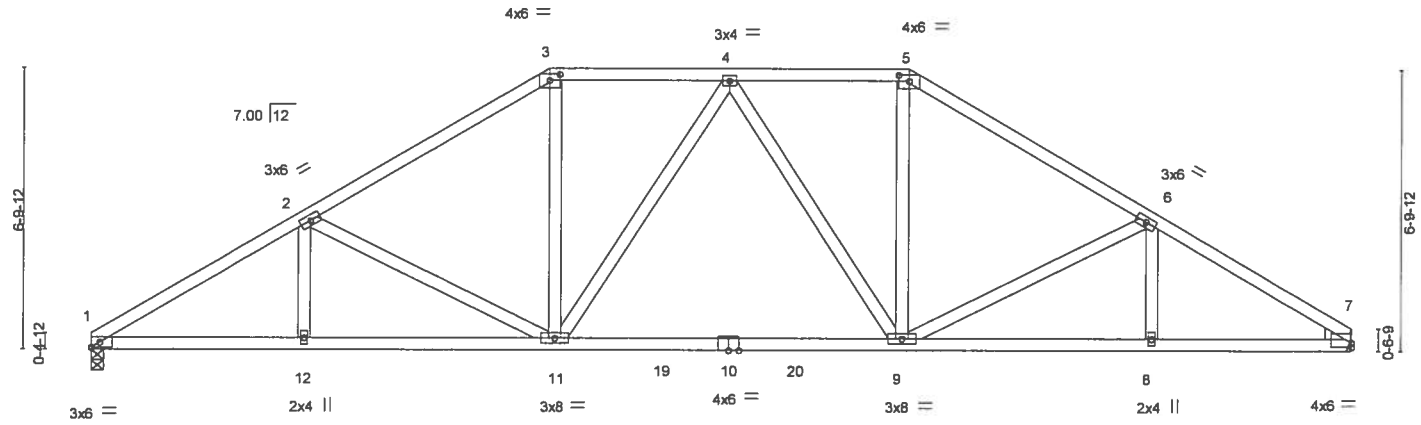
ID:QYUh9ey7rwAEfKqyMtCOqoyHMof-mtRnQoGaOLyFnRm381F?Kn2mv14lzKmstBKAEYyRUpN

5-1-5	11-0-0	15-4-0	19-8-0	25-6-11	30-4-15
5-1-5	5-10-11	4-4-0	4-4-0	5-10-11	4-10-4

Scale = 1:53.7



5-1-5	11-0-0	19-8-0	25-6-11	30-4-15
5-1-5	5-10-11	8-8-0	5-10-11	4-10-4

Plate Offsets (X,Y)-- [3:0-3-0,0-1-12], [5:0-3-0,0-1-12], [7:0-0-0,0-1-4]

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	0.48	Vert(LL)	-0.18	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.69	Vert(TL)	-0.41	9-11	>885	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.42	Horz(TL)	0.09	7	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 165 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Right: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-3-5 oc bracing.

REACTIONS. (lb/size) 1=1129/0-3-8, 7=1122/Mechanical
Max Horz 1=160(LC 9)
Max Uplift 1=-211(LC 12), 7=-207(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1890/842, 2-3=-1504/730, 3-4=-1233/696, 4-5=-1228/694, 5-6=-1496/727, 6-7=-1840/823
BOT CHORD 1-12=-659/1581, 11-12=-659/1581, 11-19=-462/1306, 10-19=-462/1306, 10-20=-462/1306, 9-20=-462/1306, 8-9=-640/1530, 7-8=-640/1530
WEBS 2-11=-484/287, 3-11=-171/458, 5-9=-167/452, 6-9=-443/268

NOTES- (9)
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=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
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 = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=211, 7=207.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	T12324191
1249827	T06	HIP TRUSS	1	1	Job Reference (optional)	

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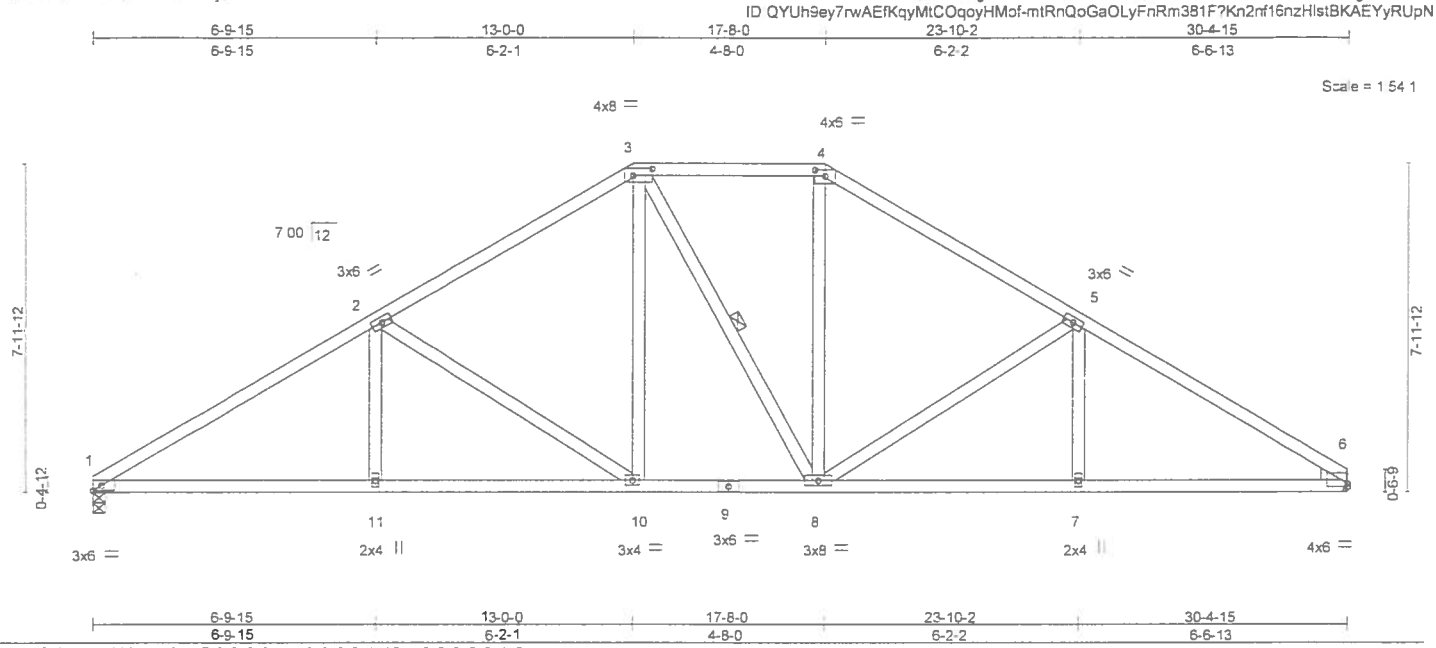

Plate Offsets (X,Y)-- [3:0-5-8,0-2-0], [4:0-3-0,0-1-12], [6:0-0-0,0-1-0]

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	0.43	Vert(LL)	-0.08	7-8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.54	Vert(TL)	-0.21	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.61	Horz(TL)	0.08	6	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 165 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Right: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-0-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-8-9 oc bracing.
WEBS 1 Row at midpt 3-8

REACTIONS. (lb/size) 1=1131/0-3-8, 6=1120/Mechanical
Max Horz 1=189(LC 9)
Max Uplift 1=-224(LC 12), 6=-219(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1816/784, 2-3=-1353/683, 3-4=-1118/654, 4-5=-1352/682, 5-6=-1794/781
BOT CHORD 1-11=-580/1495, 10-11=-580/1495, 9-10=-311/1093, 8-9=-311/1093, 7-8=-577/1473, 6-7=-577/1473
WEBS 2-11=0/266, 2-10=-574/322, 3-10=-143/412, 4-8=-142/409, 5-8=-557/318, 5-7=0/254

NOTES- (9)
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=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
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.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=224, 6=219.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	
1249827	T07	HIP TRUSS	1	1	Job Reference (optional)	T12324192

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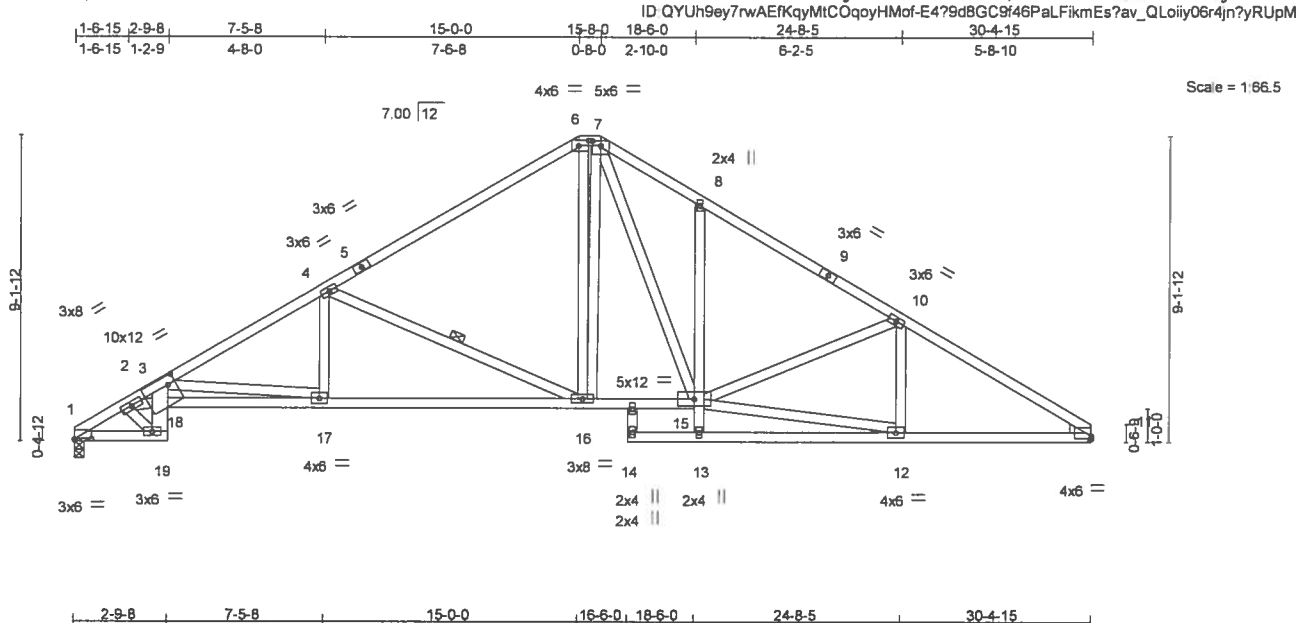

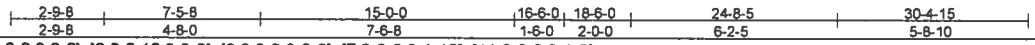

Plate Offsets (X,Y)— [1:0-6-0,0-0-2], [3:0-2-12,0-3-0], [6:0-3-8,0-2-0], [7:0-3-0,0-1-12], [11:0-0-0,0-1-0]

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	0.59	Vert(LL)	-0.18	17-18	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	1.00	Vert(TL)	-0.45	16-17	>818	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.74	Horz(TL)	0.26	11	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 199 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
3-19: 2x6 SP No.2, 8-13: 2x4 SP No.3
WEBS 2x4 SP No.3
WEDGE
Right: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-2-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing. Except:
10-0-0 oc bracing: 13-15
WEBS 1 Row at midpt 4-16

REACTIONS. (lb/size) 1=1161/0-3-8, 11=1133/Mechanical
Max Horz 1=218(LC 9)
Max Uplift 1=-230(LC 12), 11=-221(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1435/608, 2-3=-2739/1129, 3-4=-2179/913, 4-5=-1398/609, 5-6=-1324/638, 6-7=-1224/631, 7-8=-1729/868, 8-9=-1586/726, 9-10=-1662/710, 10-11=-1835/754
BOT CHORD 1-19=-431/1086, 18-19=-89/270, 3-18=-118/406, 17-18=-1382/3508, 16-17=-678/1879, 15-16=-223/1098, 8-15=-335/266, 11-12=-565/1515
WEBS 2-19=-471/183, 2-18=-642/1704, 3-17=-1640/709, 4-17=-47/434, 4-16=-920/486, 6-16=-43/392, 7-16=-176/361, 7-15=-424/822, 12-15=-543/1408, 10-15=-266/201

NOTES- (9)
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=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
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.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=230, 11=221.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	
1249827	T08	SPECIAL TRUSS	4	1	Job Reference (optional)	T12324193

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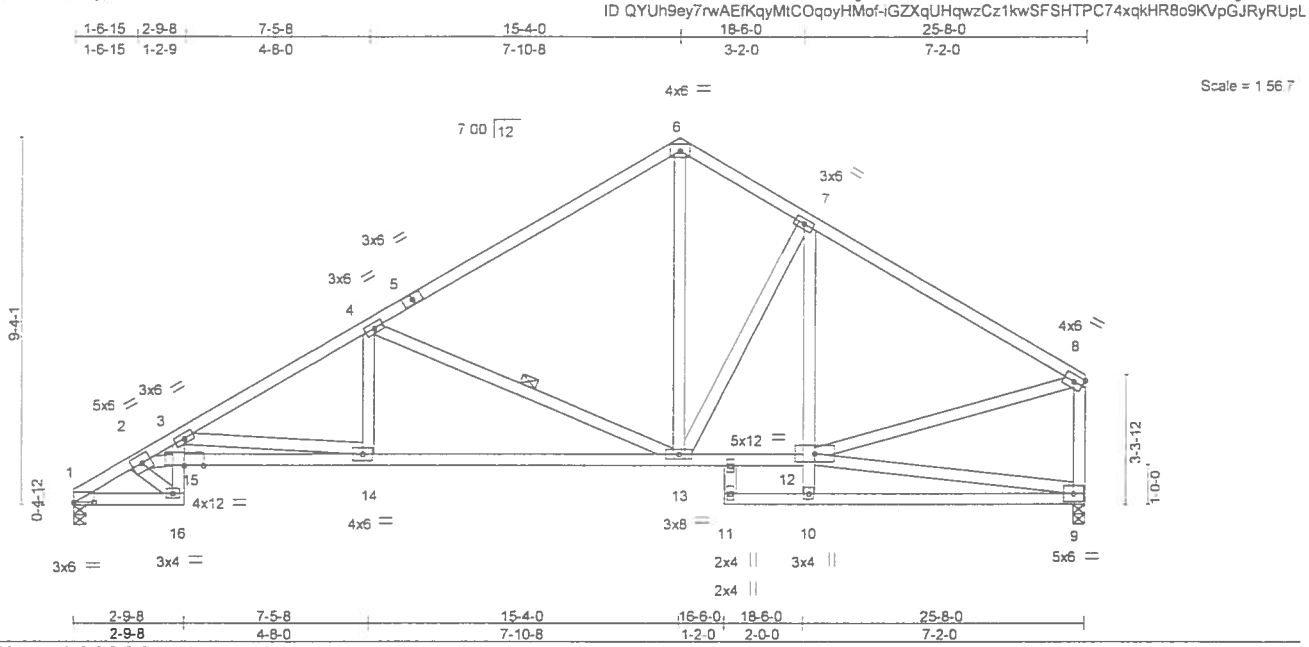

Plate Offsets (X,Y)— [1:0-6-0,0-0-2]

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	0.64	Vert(LL)	-0.13	14-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.79	Vert(TL)	-0.37	13-14	>826	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.83	Horz(TL)	0.19	9	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 171 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
7-10: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-1-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-1-3 oc bracing. Except:
10-0-0 oc bracing: 10-12
WEBS 1 Row at midpt 4-13

REACTIONS. (lb/size) 1=974/0-3-8, 9=957/0-3-8
Max Horz 1=219(LC 9)
Max Uplift 1=-200(LC 12), 9=-167(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1225/481, 2-3=-2850/1280, 3-4=-1756/757, 4-5=-986/434, 5-6=-934/464, 6-7=-1000/520, 7-8=-1055/456, 8-9=-895/419
BOT CHORD 1-16=-456/950, 15-16=-238/516, 3-15=-290/679, 14-15=-1321/2864, 13-14=-677/1553, 12-13=-285/826
WEBS 2-16=-848/415, 2-15=-1059/2283, 3-14=-1327/648, 4-14=-49/423, 4-13=-933/511, 6-13=-299/709, 8-12=-280/828

NOTES- (7)

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=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) 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=200, 9=167.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	T12324194
1249827	T09	COMMON TRUSS	1	1	Job Reference (optional)	

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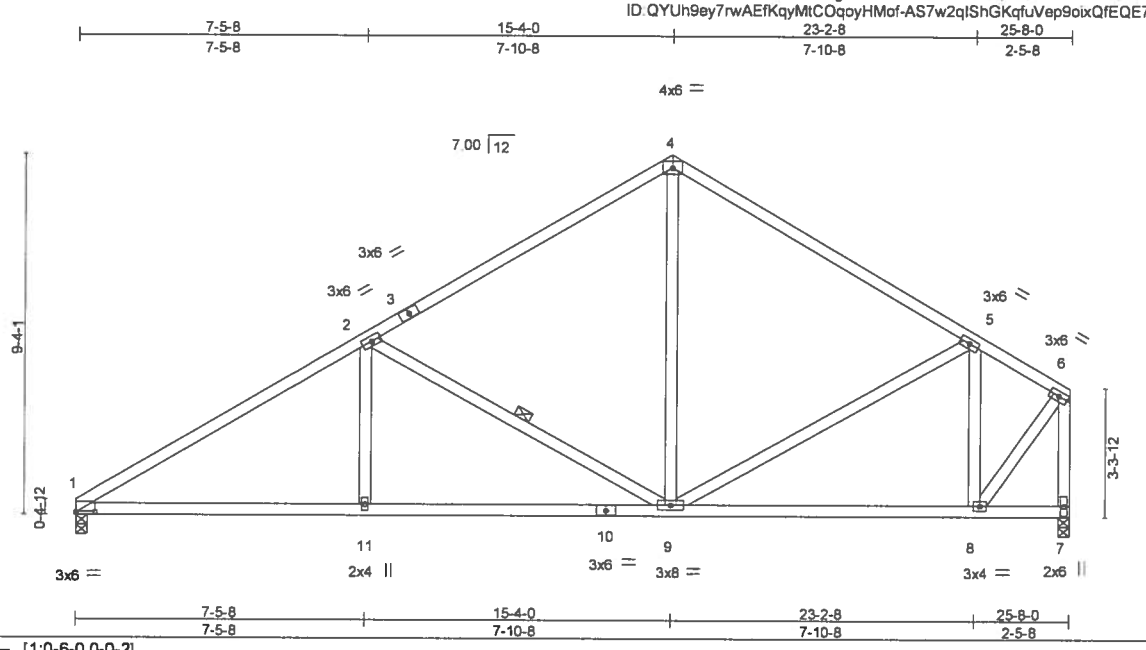

Plate Offsets (X,Y)-- [1:0-6-0,0-0-2]

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	0.65	Vert(LL)	-0.07	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.62	Vert(TL)	-0.20	8-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.33	Horz(TL)	0.04	7	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 144 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-3-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 2-9

REACTIONS. (lb/size) 1=952/0-3-8, 7=937/0-3-8
Max Horz 1=219(LC 9)
Max Uplift 1=-202(LC 12), 7=-176(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1452/598, 2-3=-882/421, 3-4=-842/451, 4-5=-880/450, 5-6=-572/253, 6-7=-946/401
BOT CHORD 1-11=-545/1218, 10-11=-545/1218, 9-10=-545/1218, 8-9=-237/521
WEBS 2-11=0/303, 2-9=-690/395, 4-9=-165/469, 6-8=-406/879, 5-8=-573/366

NOTES- (7)

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=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) 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=202, 7=176.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	T12324195
1249827	T10	Half Hip Girder	1	1	Job Reference (optional)	

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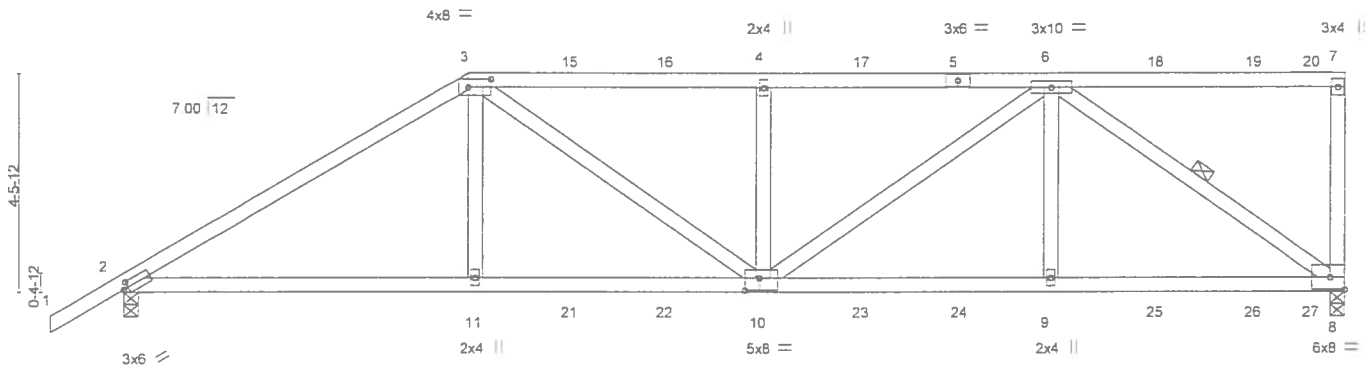
ID:QYUh9ey7rwAEfKqyMtCOqoyHMof-efhIFAJ4SaShG24qNtJxUdCOVeOGv3iSopINNKyRUpJ

-1-6-0 | 7-0-0 | 13-0-7 | 18-11-1 | 24-11-8

1-6-0 | 7-0-0 | 6-0-7 | 5-10-11 | 6-0-7

Scale = 1:45.6



7-0-0 | 13-0-7 | 18-11-1 | 24-11-8

7-0-0 | 6-0-7 | 5-10-11 | 6-0-7

Plate Offsets (X,Y)-- [2:0-1-3,0-1-8], [3:0-5-8,0-2-0], [10:0-3-8,0-3-0]

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	0.76	Vert(LL)	0.21	10-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.88	Vert(TL)	-0.30	10-11	>993	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.74	Horz(TL)	0.11	8	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 132 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except* 3-5: 2x4 SP M 31
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-9-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-9-11 oc bracing.
WEBS 1 Row at midpt 6-8

REACTIONS. (lb/size) 8=1875/0-3-8, 2=1680/0-3-8
Max Horz 2=163(LC 23)
Max Uplift 8=-1152(LC 5), 2=-878(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2684/1581, 3-15=-2757/1696, 15-16=-2757/1696, 4-16=-2757/1696, 4-17=-2769/1703, 5-17=-2769/1703, 5-6=-2769/1703, 7-8=-320/203
BOT CHORD 2-11=-1393/2230, 11-21=-1405/2247, 21-22=-1405/2247, 10-22=-1405/2247, 10-23=-1234/2033, 23-24=-1234/2033, 9-24=-1234/2033, 9-25=-1234/2033, 25-26=-1234/2033, 26-27=-1234/2033, 8-27=-1234/2033
WEBS 3-11=-348/607, 3-10=-421/624, 4-10=-625/399, 6-10=-572/900, 6-9=-142/486, 6-8=-2441/1481

NOTES- (9)

1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
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) 8=1152, 2=878.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 112 lb down and 108 lb up at 7-0-0, 117 lb down and 104 lb up at 9-0-12, 117 lb down and 104 lb up at 11-0-12, 117 lb down and 104 lb up at 13-0-12, 117 lb down and 104 lb up at 15-0-12, 117 lb down and 104 lb up at 17-0-12, 117 lb down and 104 lb up at 19-0-12, 117 lb down and 104 lb up at 21-0-12, and 117 lb down and 104 lb up at 23-0-12, and 115 lb down and 102 lb up at 24-3-4 on top chord, and 306 lb down and 366 lb up at 7-0-0, 70 lb down and 69 lb up at 9-0-12, 70 lb down and 69 lb up at 11-0-12, 70 lb down and 69 lb up at 13-0-12, 70 lb down and 69 lb up at 15-0-12, 70 lb down and 69 lb up at 17-0-12, 70 lb down and 69 lb up at 19-0-12, 70 lb down and 69 lb up at 21-0-12, and 70 lb down and 69 lb up at 23-0-12, and 79 lb down and 67 lb up at 24-3-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

Continued on page 2

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-3=-54, 3-7=-54, 8-12=-20

Concentrated Loads (lb)

Vert: 3=-92(F) 5=-92(F) 11=-306(F) 10=-44(F) 4=-92(F) 9=-44(F) 6=-92(F) 15=-92(F) 16=-92(F) 17=-92(F) 18=-92(F) 19=-92(F) 20=-104(F) 21=-44(F) 22=-44(F) 23=-44(F) 24=-44(F) 25=-44(F) 26=-44(F) 27=-48(F)

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	T12324196
1249827	T11	Half Hip	1	1	Job Reference (optional)	

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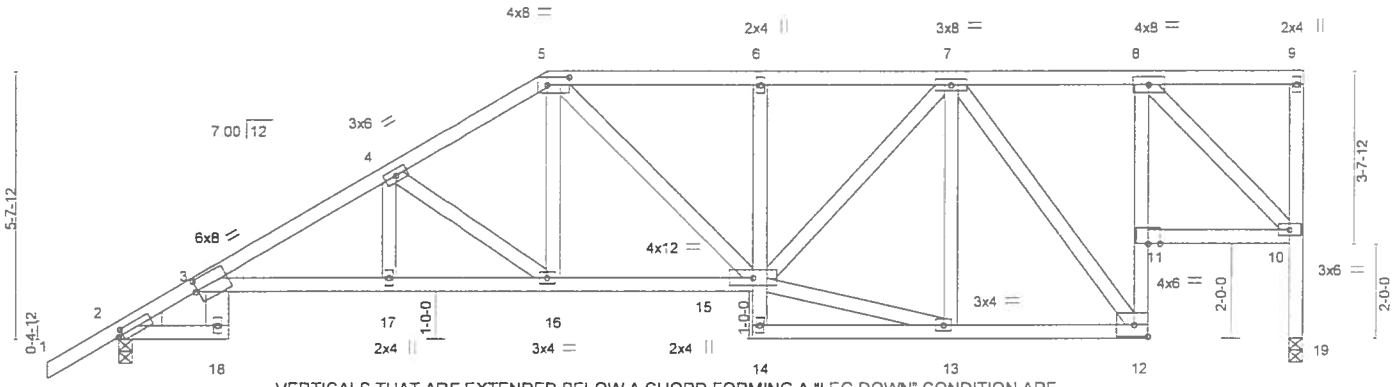
-1-6-0	2-3-8	5-8-0	9-0-0	13-4-0	17-6-0	21-8-0	24-11-8
1-6-0	2-3-8	3-4-8	3-4-0	4-4-0	4-2-0	4-2-0	3-3-8

Scale = 1:47.0



VERTICALS THAT ARE EXTENDED BELOW A CHORD FORMING A "LEG DOWN" CONDITION ARE NOT DESIGNED TO RESIST LATERAL FORCES BETWEEN THE TRUSS AND THE SUPPORT. ADDITIONAL DESIGN CONSIDERATIONS (BY OTHERS) ARE REQUIRED TO TRANSFER THESE FORCES TO THE APPROPRIATE LATERAL FORCE RESISTING ELEMENTS. TYPICAL FOR ALL TRUSSES WITH "LEG DOWN" IN THIS JOB.

2-3-8	5-8-0	9-0-0	13-4-0	17-6-0	21-8-0	24-11-8
2-3-8	3-4-8	3-4-0	4-4-0	4-2-0	4-2-0	3-3-8

Plate Offsets (X,Y)-- [2:0-1-3,0-1-8], [3:0-0-11,0-2-12], [5:0-5-8,0-2-0]

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	0.58	Vert(LL)	-0.18	3-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.70	Vert(TL)	-0.43	3-17	>695	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.52	Horz(TL)	0.70	19	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 166 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP M 31 *Except* 5-9: 2x4 SP No.2
BOT CHORD 2x4 SP M 31 *Except* 3-18: 2x6 SP No.2, 12-14,10-11: 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-7-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 2=1040/0-3-8, 19=881/0-3-8
Max Horz 2=202(LC 12)
Max Uplift 2=-196(LC 12), 19=-229(LC 9)

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

TOP CHORD 2-3=-391/5, 3-4=-1712/770, 4-5=-1309/628, 5-6=-1222/631, 6-7=-1204/621, 7-8=-483/244, 10-19=-881/438
BOT CHORD 3-17=-827/1483, 16-17=-829/1485, 15-16=-574/1086, 12-13=-428/851, 11-12=-269/591, 8-11=-217/542, 10-11=-348/692
WEBS 5-16=-132/363, 13-15=-395/791, 7-15=-285/520, 7-12=-613/307, 8-10=-952/481, 4-16=-555/314

NOTES- (8)

1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
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) Bearing at joint(s) 19 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=196, 19=229.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	T12324197
1249827	T12	Hip	1	1	Job Reference (optional)	

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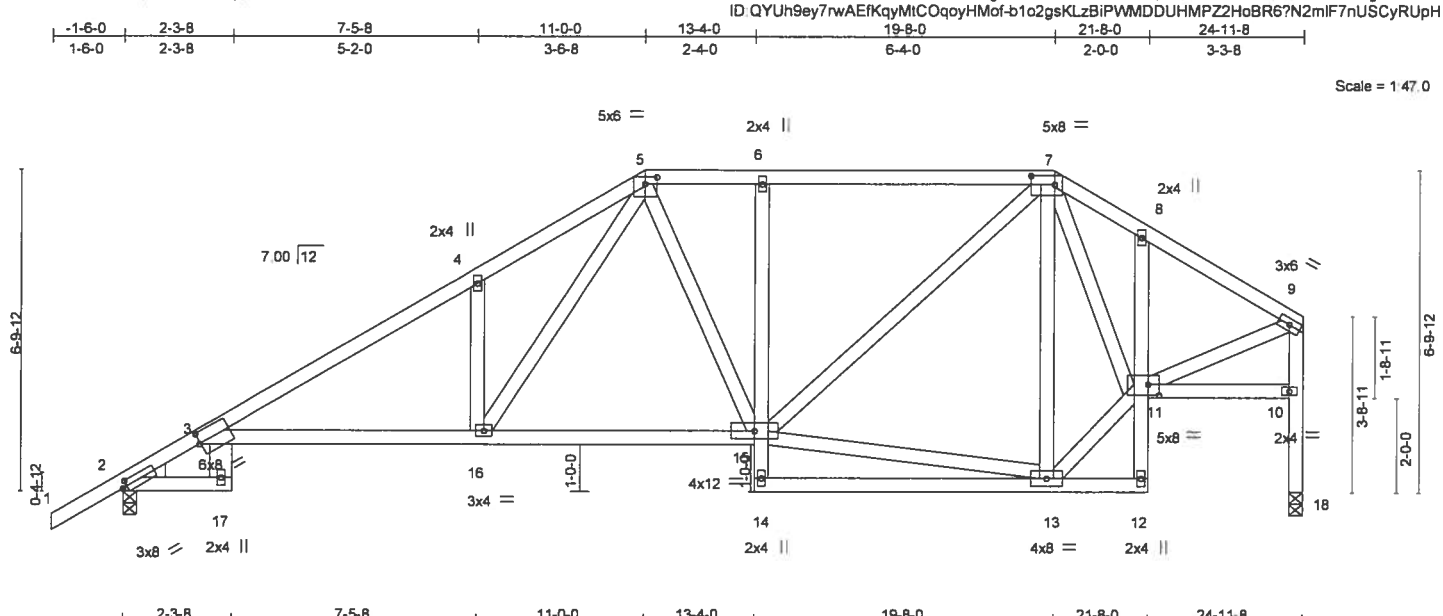

Plate Offsets (X,Y)— [2:0-1-3,0-1-8], [3:0-0-7,0-2-12], [5:0-3-0,0-1-12], [7:0-6-0,0-2-4], [11:0-2-12,0-2-12]

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	0.49	Vert(LL)	-0.23	3-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.74	Vert(TL)	-0.53	3-16	>562	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.45	Horz(TL)	0.32	18	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 174 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
1-5: 2x4 SP M 31
BOT CHORD 2x4 SP M 31 *Except*
3-17: 2x6 SP No.2, 6-14,8-12: 2x4 SP No.3, 12-14,10-11: 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-5-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 2=1044/0-3-8, 18=877/0-3-8
Max Horz 2=177(LC 12)
Max Uplift 2=-217(LC 12), 18=-137(LC 13)

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

TOP CHORD 2-3=-359/60, 3-4=-1524/672, 4-5=-1588/855, 5-6=-964/558, 6-7=-966/563, 7-8=-835/481, 8-9=-894/425, 10-18=-877/401, 9-10=-834/406
BOT CHORD 3-16=-619/1298, 15-16=-398/910, 6-15=-310/235
WEBS 4-16=-454/336, 13-15=-212/514, 7-15=-265/558, 7-13=-541/296, 11-13=-308/796, 7-11=-209/392, 9-11=-329/765, 5-16=-411/794

NOTES- (9)

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=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
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.
6) Bearing at joint(s) 18 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=217, 18=137.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	T12324198
1249827	T13	Hip	1	1	Job Reference (optional)	

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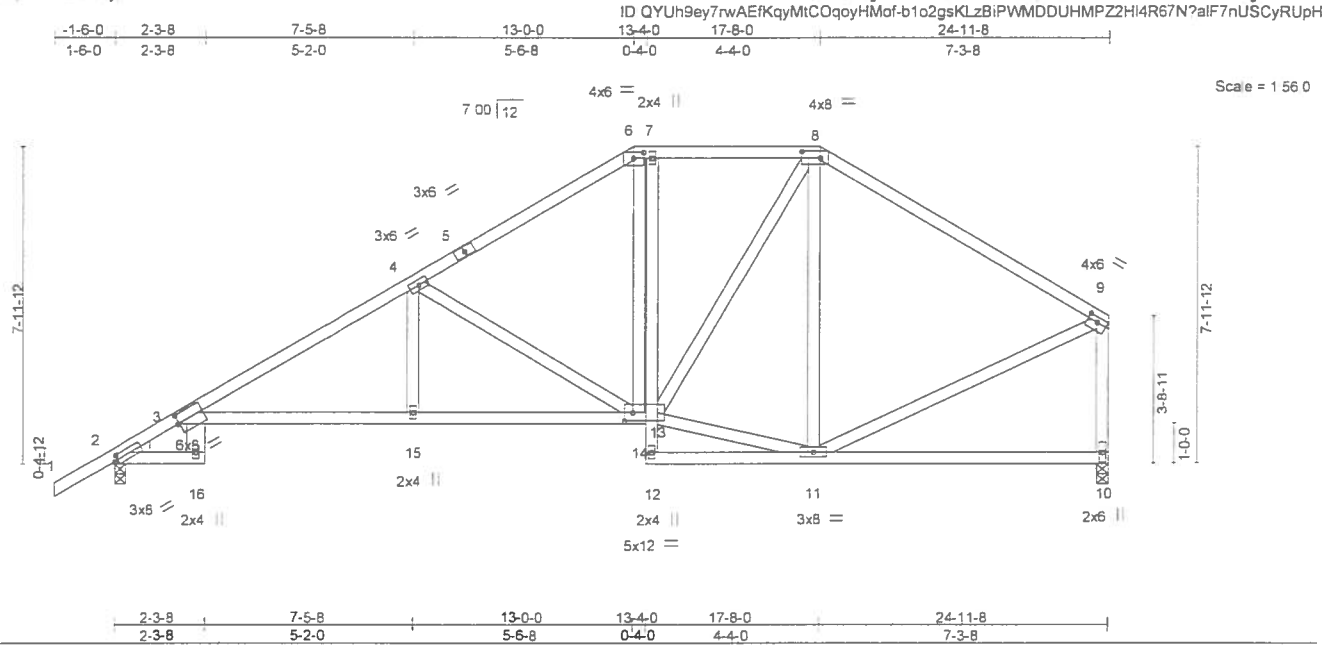

Plate Offsets (X,Y)-- [2:0-1-3,0-1-8], [3:0-0-7,0-2-12], [6:0-3-0,0-1-12], [8:0-5-8,0-2-0], [9:0-3-0,0-1-8], [14:0-2-8,0-2-8]

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	0.69	Vert(LL)	-0.22	3-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.73	Vert(TL)	-0.52	3-15	>571	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.59	Horz(TL)	0.28	10	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 164 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except* 1-5: 2x4 SP M 31
BOT CHORD 2x4 SP M 31 *Except* 3-16: 2x6 SP No.2, 7-12: 2x4 SP No.3, 10-12: 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-5-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 2=1044/0-3-8, 10=878/0-3-8
Max Horz 2=200(LC 9)
Max Uplift 2=-226(LC 12), 10=-151(LC 13)

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

TOP CHORD 2-3=-377/71, 3-4=-1534/673, 4-5=-993/484, 5-6=-900/505, 6-7=-804/490, 7-8=-801/490, 8-9=-793/383, 9-10=-809/409
BOT CHORD 3-15=-625/1311, 14-15=-625/1311, 13-14=-304/785
WEBS 4-15=-14/301, 4-14=-710/385, 11-13=-199/586, 8-13=-149/401, 8-11=-274/188, 9-11=-210/614, 6-14=-72/303

NOTES- (8)

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=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=226, 10=151.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	T12324199
1249827	T14	Hip	1	1	Job Reference (optional)	

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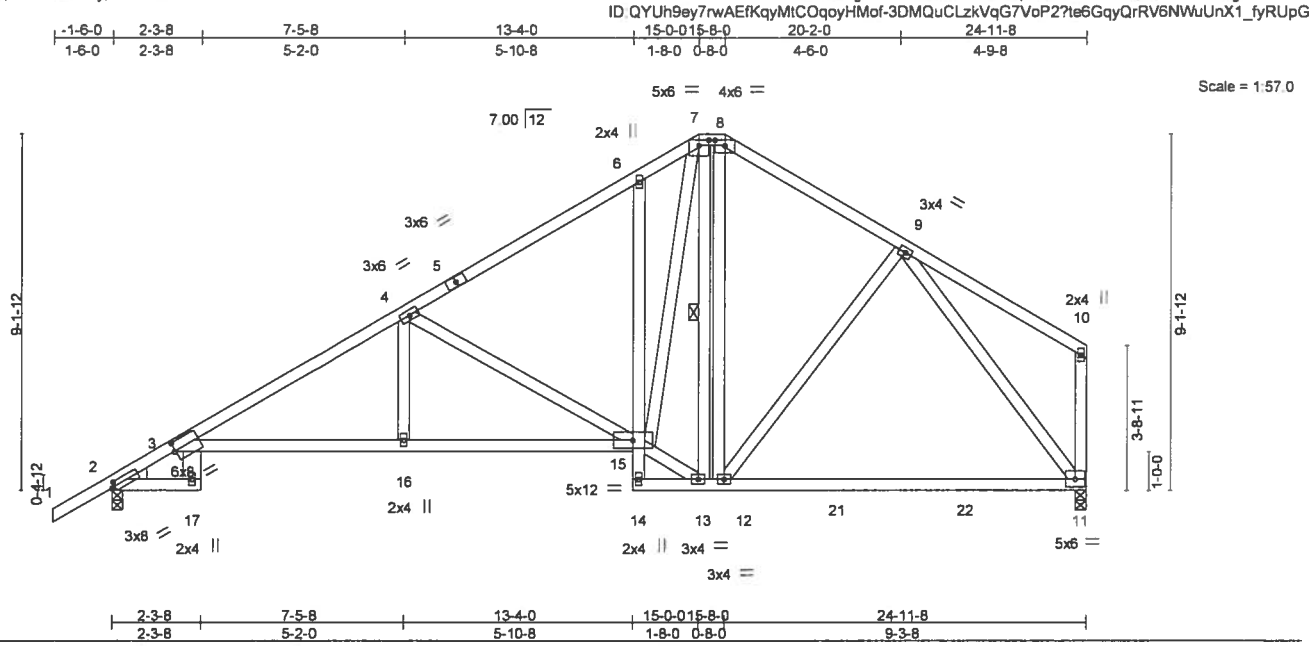

Plate Offsets (X,Y)-- [2:0-1-3,0-1-8], [3:0-0-7,0-2-12], [7:0-3-0,0-1-12], [8:0-3-0,0-1-12]

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	0.52	Vert(LL)	-0.23	11-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.79	Vert(TL)	-0.56	11-12	>530	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.93	Horz(TL)	0.30	11	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 179 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
1-5: 2x4 SP M 31
BOT CHORD 2x4 SP M 31 *Except*
3-17: 2x6 SP No.2, 6-14: 2x4 SP No.3, 11-14: 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 7-13

REACTIONS. (lb/size) 2=1044/0-3-8, 11=878/0-3-8
Max Horz 2=229(LC 9)
Max Uplift 2=-232(LC 12), 11=-163(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-418/85, 3-4=-1535/657, 4-5=-975/464, 5-6=-930/487, 6-7=-1035/611, 7-8=-709/419, 8-9=-785/430
BOT CHORD 3-16=-612/1381, 15-16=-612/1382, 6-15=-262/245, 12-13=-173/610, 12-21=-229/526, 21-22=-229/526, 11-22=-229/526
WEBS 4-16=-7/311, 4-15=-725/384, 13-15=-135/687, 7-15=-508/887, 7-13=-394/111, 8-12=-19/273, 9-11=-835/379

NOTES- (8)
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=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
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 = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=232, 11=163.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	T12324200
1249827	T15	Roof Special	2	1	Job Reference (optional)	

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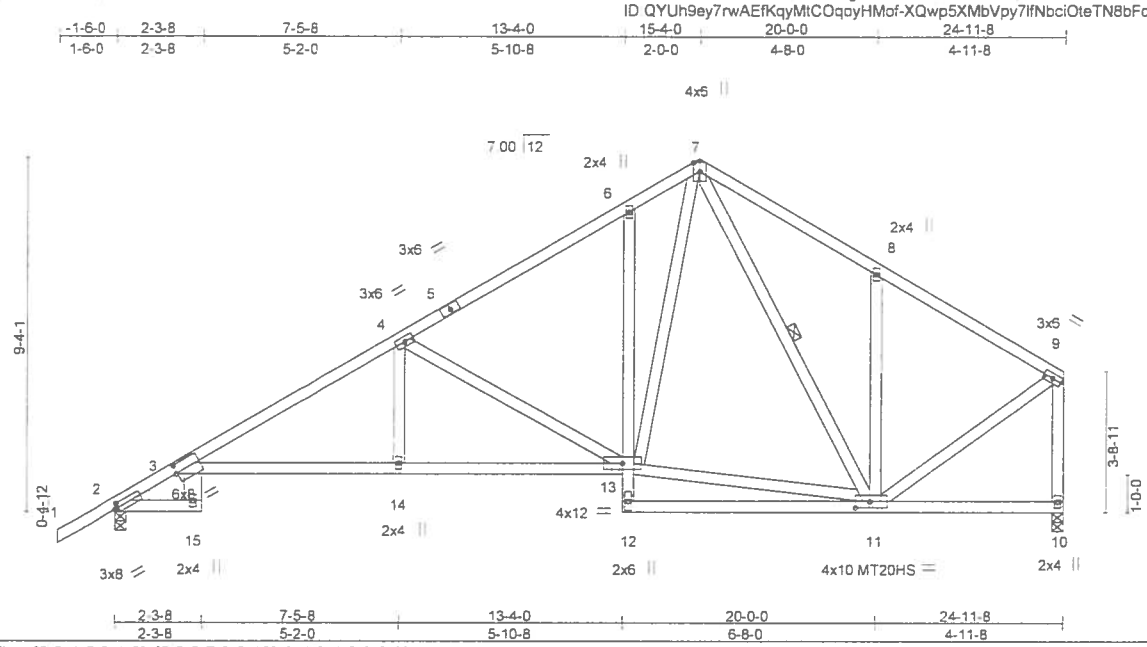

Plate Offsets (X,Y)-- [2:0-1-3,0-1-8], [3:0-0-7,0-2-12], [11:0-4-8,0-2-0]

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	0.50	Vert(LL)	-0.22	3-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.73	Vert(TL)	-0.52	3-14	>571	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.65	Horz(TL)	0.29	10	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 170 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
1-5: 2x4 SP M 31
BOT CHORD 2x4 SP M 31 *Except*
3-15: 2x6 SP No.2, 6-12: 2x4 SP No.3, 10-12: 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 7-11

REACTIONS. (lb/size) 2=1044/0-3-8, 10=878/0-3-8
Max Horz 2=233(LC 9)
Max Uplift 2=-233(LC 12), 10=-165(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-415/87, 3-4=-1535/655, 4-5=-975/463, 5-6=-944/485, 6-7=-1032/591, 7-8=-834/496, 8-9=-712/331, 9-10=-840/389
BOT CHORD 3-14=-610/1354, 13-14=-610/1354
WEBS 4-14=-5/312, 4-13=-725/384, 11-13=-156/524, 7-13=-385/766, 8-11=-353/290, 9-11=-260/681

NOTES- (8)
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=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=233, 10=165.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING
1249827	T16	Common	1	1	T12324201

Job Reference (optional)

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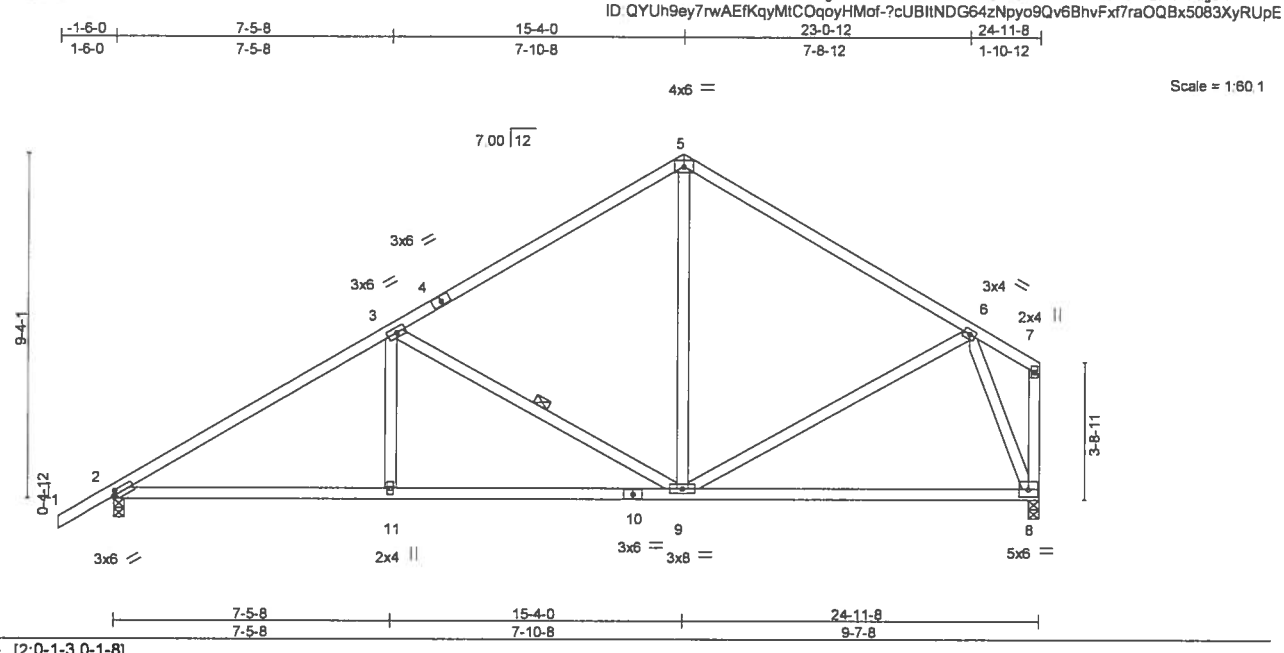

Plate Offsets (X,Y)— [2:0-1-3,0-1-8]

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	0.65	Vert(LL)	-0.21	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.79	Vert(TL)	-0.54	8-9	>556	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.45	Horz(TL)	0.04	8	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 140 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-4-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-11-13 oc bracing.
WEBS 1 Row at midpt 3-9

REACTIONS. (lb/size) 2=1008/0-3-8, 8=909/0-3-8
Max Horz 2=233(LC 9)
Max Uplift 2=-225(LC 12), 8=-169(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1393/570, 3-4=-835/391, 4-5=-793/421, 5-6=-831/422
BOT CHORD 2-11=-539/1169, 10-11=-539/1169, 9-10=-539/1169, 8-9=-199/376
WEBS 3-11=0/282, 3-9=-685/396, 5-9=-139/443, 6-9=-68/345, 6-8=-996/582

NOTES- (7)
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=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) 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) 2=225, 8=169.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	T12324202
1249827	T17	COMMON TRUSS	1	1	Job Reference (optional)	

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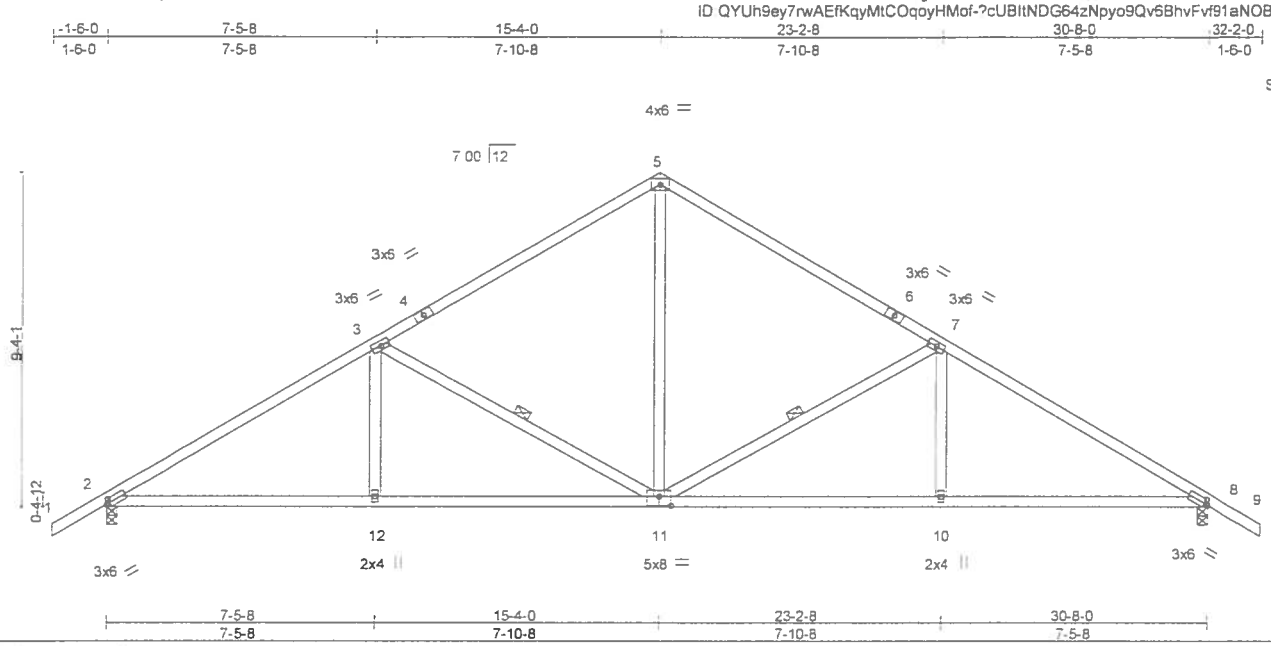

Plate Offsets (X,Y)— [2:0-1-3,0-1-8], [8:0-1-3,0-1-8], [11:0-4-0,0-3-0]

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	0.65	Vert(LL)	-0.09	11-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.65	Vert(TL)	-0.27	11-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.52	Horz(TL)	0.09	8	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 155 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-9-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-3-0 oc bracing.
WEBS 1 Row at midpt 7-11, 3-11

REACTIONS. (lb/size) 2=1216/0-3-8, 8=1216/0-3-8
Max Horz 2=-245(LC 10)
Max Uplift 2=-263(LC 12), 8=-263(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1798/757, 3-4=-1237/585, 4-5=-1201/615, 5-6=-1201/615, 6-7=-1237/585, 7-8=-1798/756
BOT CHORD 2-12=-506/1507, 11-12=-506/1507, 10-11=-509/1477, 8-10=-509/1477
WEBS 5-11=-333/833, 7-11=-686/389, 7-10=0/300, 3-11=-686/389, 3-12=0/300

NOTES- (7)

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=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) 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) 2=263, 8=263.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	T12324203
1249827	T18	COMMON TRUSS	1	1	Job Reference (optional)	

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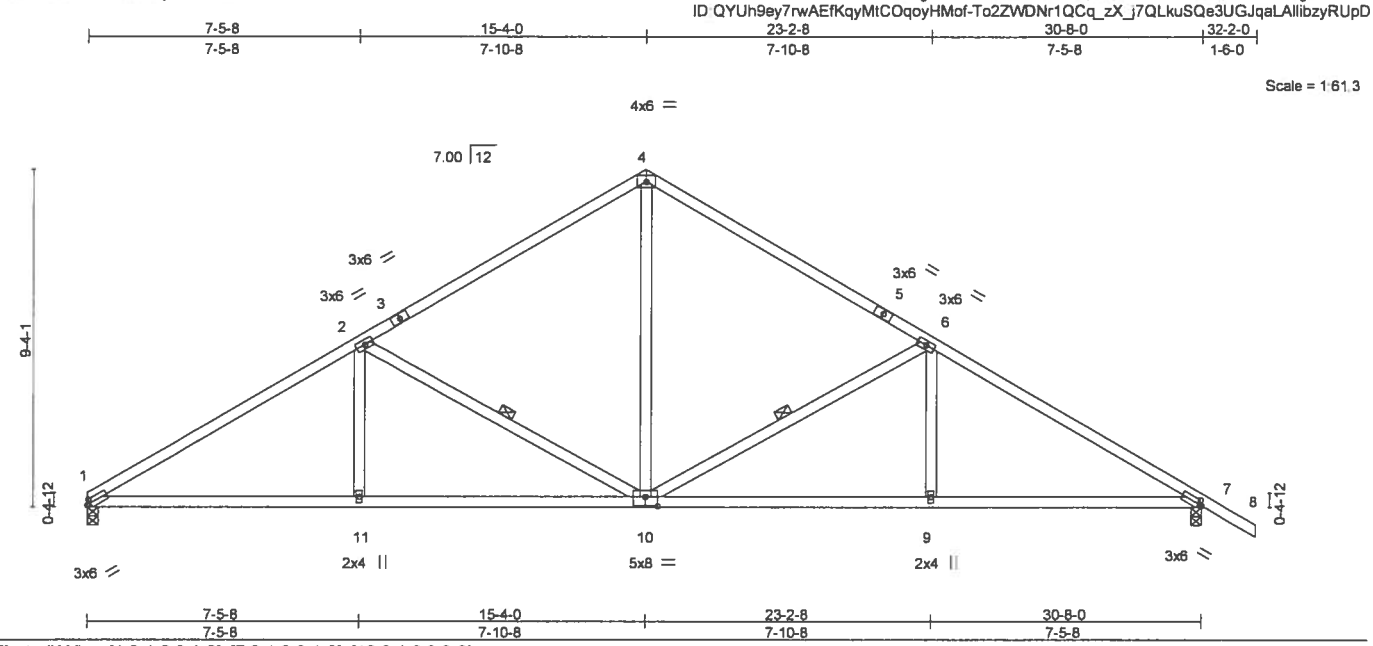

Plate Offsets (X,Y)-- [1:0-1-3,0-1-8], [7:0-1-3,0-1-8], [10:0-4-0,0-3-0]

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	0.65	Vert(LL)	-0.09	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.65	Vert(TL)	-0.27	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.52	Horz(TL)	0.09	7	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 153 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-9-4 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 8-2-2 oc bracing.
WEBS	1 Row at midpt 6-10, 2-10

REACTIONS. (lb/size) 1=1134/0-3-8, 7=1216/0-3-8
Max Horz 1=-237(LC 10)
Max Uplift 1=-235(LC 12), 7=-264(LC 13)

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

TOP CHORD	1-2=-1803/761, 2-3=-1239/587, 3-4=-1202/617, 4-5=-1203/617, 5-6=-1238/587, 6-7=-1800/759
BOT CHORD	1-11=-514/1512, 10-11=-514/1512, 9-10=-511/1478, 7-9=-511/1478
WEBS	4-10=-335/834, 6-10=-686/390, 6-9=0/300, 2-10=-685/393, 2-11=0/301

NOTES- (7)

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=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) 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=235, 7=264.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	T12324204
1249827	T19	SPECIAL TRUSS	4	1	Job Reference (optional)	

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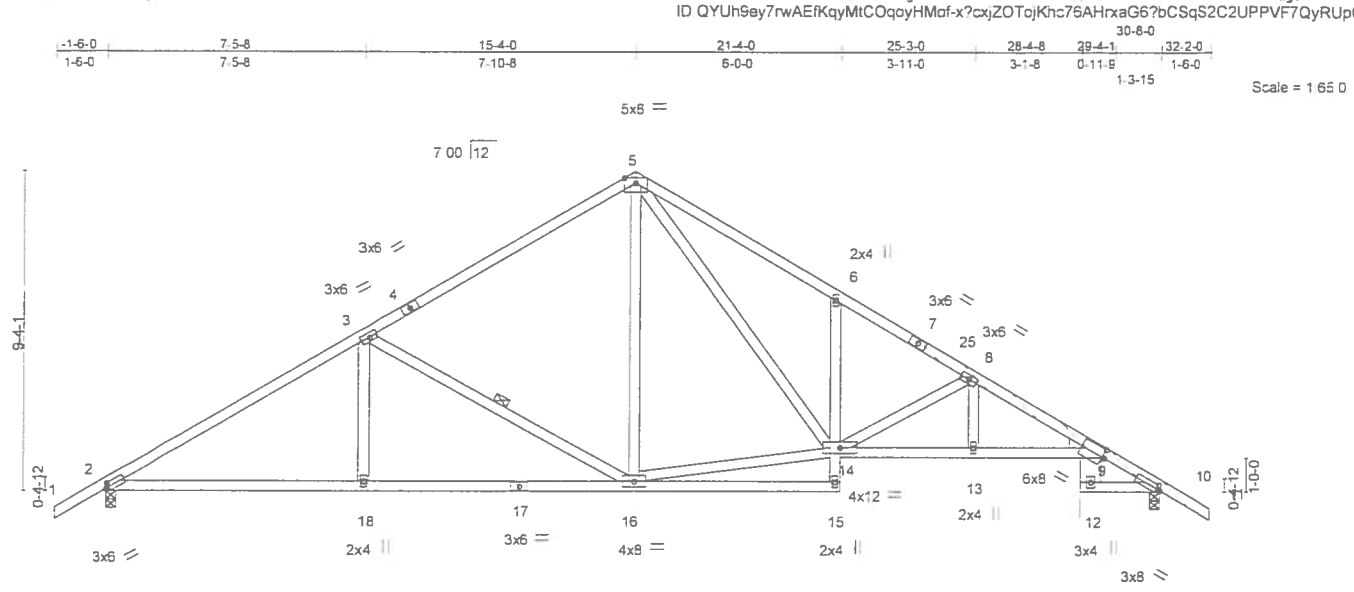

Plate Offsets (X,Y)— [2:0-1-3,0-1-8], [9:0-0-11,0-3-0], [10:0-1-3,0-1-8]

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	0.67	Vert(LL)	-0.18	9-13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.66	Vert(TL)	-0.41	9-13	>908	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.89	Horz(TL)	0.26	10	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 195 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
7-11: 2x4 SP M 31
BOT CHORD 2x4 SP No.2 *Except*
6-15: 2x4 SP No.3, 9-14,10-12: 2x4 SP M 31, 9-12: 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3
OTHERS 2x4 SP M 31
LBR SCAB 7-11: 2x4 SP M 31 one side
WEDGE
Right: 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-9-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 3-16

REACTIONS. (lb/size) 2=1192/0-3-8, 10=1242/0-3-8
Max Horz 2=-245(LC 10)
Max Uplift 2=-260(LC 12), 10=-266(LC 13)

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

TOP CHORD 2-3=-1749/741, 3-4=-1192/572, 4-5=-1162/602, 5-6=-1853/947, 6-7=-1706/787, 7-25=-1734/774, 8-25=-1755/772, 8-9=-2246/928, 9-10=-560/293
BOT CHORD 2-18=-492/1469, 17-18=-492/1469, 16-17=-492/1469, 6-14=-307/267, 13-14=-702/1997, 9-13=-701/1994
WEBS 3-18=0/301, 3-16=-687/391, 5-16=-132/404, 14-16=-134/834, 5-14=-488/976, 8-14=-660/298

NOTES- (8)

1) Attached 10-0-0 scab 7 to 11, front face(s) 2x4 SP M 31 with 1 row(s) of 10d (0.131"x3") nails spaced 9" o.c.except : starting at 5-0-5 from end at joint 7, nail 1 row(s) at 3" o.c. for 4-1-13.
2) Unbalanced roof live loads have been considered for this design.
3) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=260, 10=266.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	
1249827	T20	HIP TRUSS	1	2	Job Reference (optional)	T12324205

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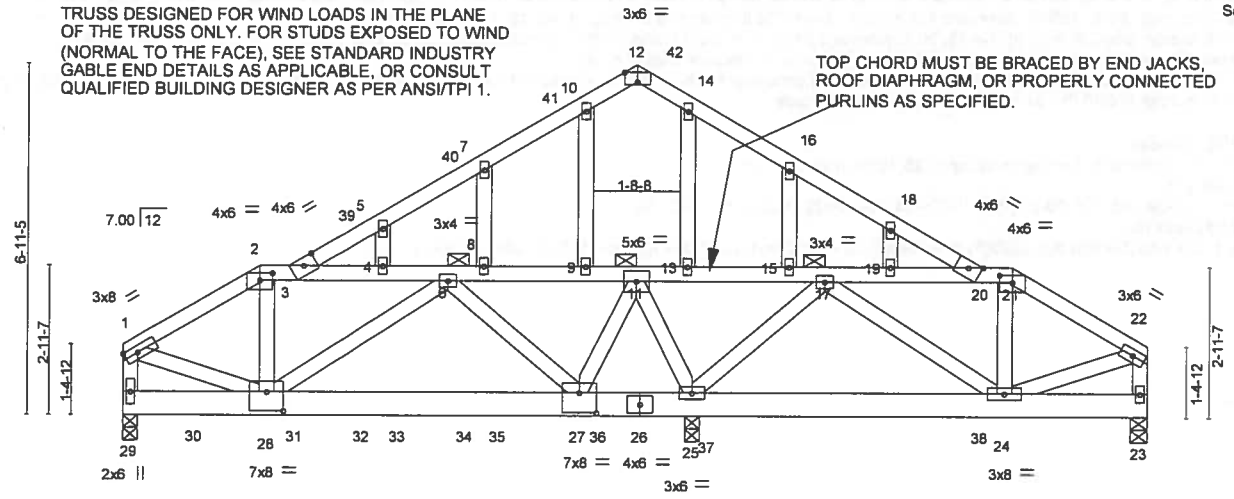
2-8-0	5-1-0	6-4-8	7-1-0	9-1-0	10-1-0	11-1-0	13-1-0	13-9-8	15-1-0	17-6-0	20-2-0
2-8-0	2-5-0	1-3-8	0-8-8	2-0-0	1-0-0	1-0-0	2-0-0	0-8-8	1-3-8	2-5-0	2-8-0

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.

TOP CHORD MUST BE BRACED BY END JACKS, ROOF DIAPHRAGM, OR PROPERLY CONNECTED PURLINS AS SPECIFIED.

Scale = 1:43.8



2-8-0	6-11-12	11-2-4	17-6-0	20-2-0
2-8-0	6-3-12	2-2-8	6-3-12	2-8-0

Plate Offsets (X,Y)-- [2:0-3-0,0-1-12], [12:0-3-0,Edge], [21:0-3-0,0-1-12], [27:0-4-0,0-4-12], [28:0-4-0,0-4-8]

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	0.36	Vert(LL)	-0.06	27-28	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.37	Vert(TL)	-0.15	27-28	>898	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.75	Horz(TL)	0.01	25	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 332 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except* 3-12,12-20: 2x4 SP No.3
BOT CHORD 2x6 SP M 26 *Except* 23-26: 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 6, 11, 17

REACTIONS. (lb/size) 29=3889/0-3-8, 25=4121/0-3-8, 23=-33/0-4-0
Max Horz 29=-136(LC 4)
Max Uplift 29=-1643(LC 8), 25=-1359(LC 4), 23=-311(LC 23)
Max Grav 29=3899(LC 19), 25=4121(LC 1), 23=266(LC 17)

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

TOP CHORD 1-2=-3835/1297, 2-3=-3361/1165, 3-4=-3273/1238, 4-6=-3273/1238, 6-8=-1792/514, 8-9=-1792/514, 9-11=-1792/514, 11-13=-391/1369, 13-15=-391/1369, 15-17=-391/1369, 17-19=-236/509, 19-20=-236/509, 20-21=-208/343, 21-22=-272/370, 1-29=-3268/1087, 22-23=-252/324
BOT CHORD 29-30=-249/257, 28-30=-249/257, 28-31=-909/2632, 31-32=-909/2632, 32-33=-909/2632, 33-34=-909/2632, 34-35=-909/2632, 27-35=-909/2632, 27-36=-139/328, 26-36=-139/328, 26-37=-139/328, 25-37=-139/328, 25-38=-774/279, 24-38=-774/279
WEBS 2-28=-552/1771, 6-28=-395/936, 6-27=-1058/629, 11-27=-1073/3939, 11-25=-4049/1193, 17-25=-886/385, 17-24=-266/672, 21-24=-278/104, 1-28=-1053/3324, 22-24=-309/216

NOTES- (13)

1) 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 0-5-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) 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.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Provide adequate drainage to prevent water ponding.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * 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.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 29=1643, 25=1359, 23=311.
10) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Continued on page 2

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NOTES- (13)

12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 79 lb down and 82 lb up at 2-8-0, 84 lb down and 98 lb up at 4-8-12, 84 lb down and 98 lb up at 6-8-12, and 84 lb down and 98 lb up at 8-8-12, and 81 lb down and 90 lb up at 10-5-11 on top chord, and 2093 lb down and 1265 lb up at 1-4-12, 65 lb down and 75 lb up at 2-8-0, 1099 lb down and 214 lb up at 3-4-12, 30 lb down and 21 lb up at 4-8-12, 1102 lb down and 227 lb up at 5-4-12, 30 lb down and 21 lb up at 6-8-12, 1100 lb down and 239 lb up at 7-4-12, 30 lb down and 21 lb up at 8-8-12, and 1113 lb down and 241 lb up at 9-4-12, and 37 lb down and 21 lb up at 10-5-11 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

13) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-2=-54, 2-3=-54, 20-21=-54, 21-22=-54, 23-29=-20, 3-12=-54, 12-20=-54

Concentrated Loads (lb)

Vert: 28=-1(B) 27=1(B) 30=-2093(F) 31=-1099(F) 32=1(B) 33=-1102(F) 34=1(B) 35=-1100(F) 36=-1113(F) 37=1(B)

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	
1249827	T21	MONOPITCH TRUSS	2	1	Job Reference (optional)	T12324206

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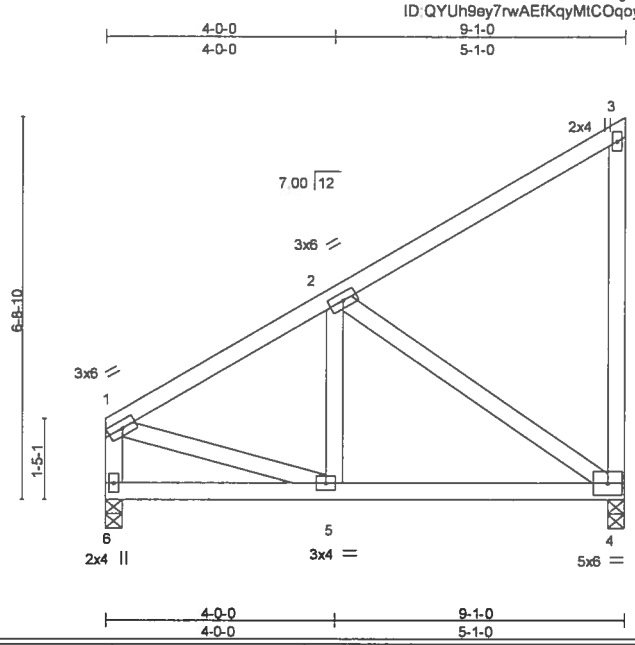

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.24	Vert(LL)	0.04	4-5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.22	Vert(TL)	-0.05	4-5	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.25	Horz(TL)	-0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 59 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-4-8 oc bracing.

REACTIONS. (lb/size) 6=325/0-3-8, 4=325/0-3-8
Max Horz 6=250(LC 12)
Max Uplift 6=-99(LC 9), 4=-257(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-330/281, 1-6=-294/246
BOT CHORD 5-6=-291/229, 4-5=-450/306
WEBS 2-4=-364/535, 2-5=-254/157

NOTES- (6)
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6 except (jt=lb) 4=257.
5) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
6) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	T12324207
1249827	T22	SPECIAL TRUSS	2	1	Job Reference (optional)	

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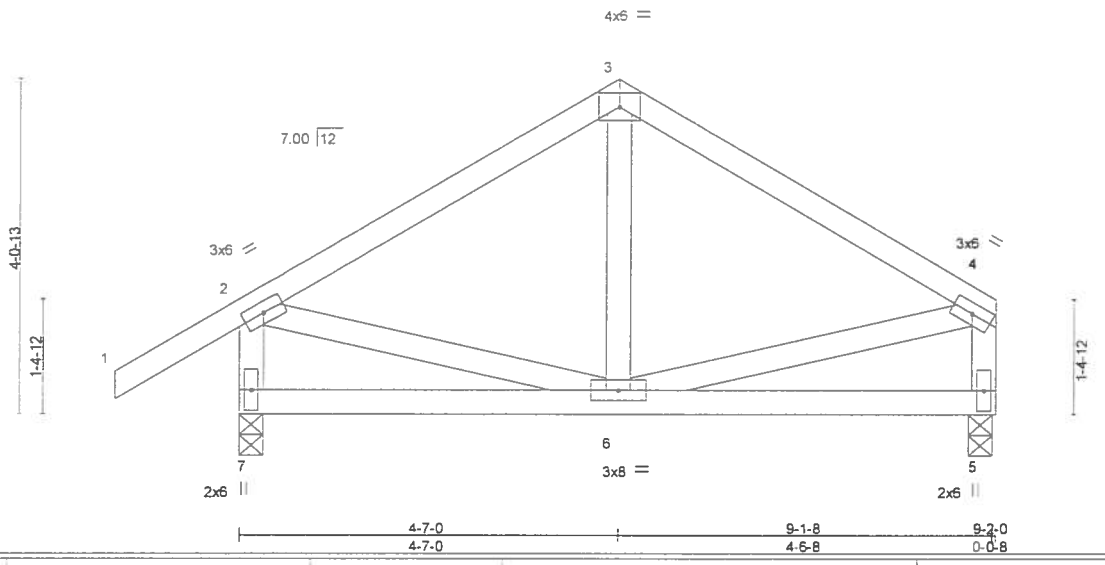

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.32	Vert(LL)	0.02	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.18	Vert(TL)	-0.02	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(TL)	-0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 53 lb	FT = 20%

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

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

REACTIONS. (lb/size) 7=425/0-3-8, 5=320/0-3-8
Max Horz 7=154(LC 9)
Max Uplift 7=-173(LC 12), 5=-116(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-307/396, 3-4=-301/390, 2-7=-386/452, 4-5=-280/336

NOTES- (7)
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=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left and right exposed; porch left and 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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=173, 5=116.
6) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
7) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	T12324208
1249827	T22G	GABLE	1	1	Job Reference (optional)	

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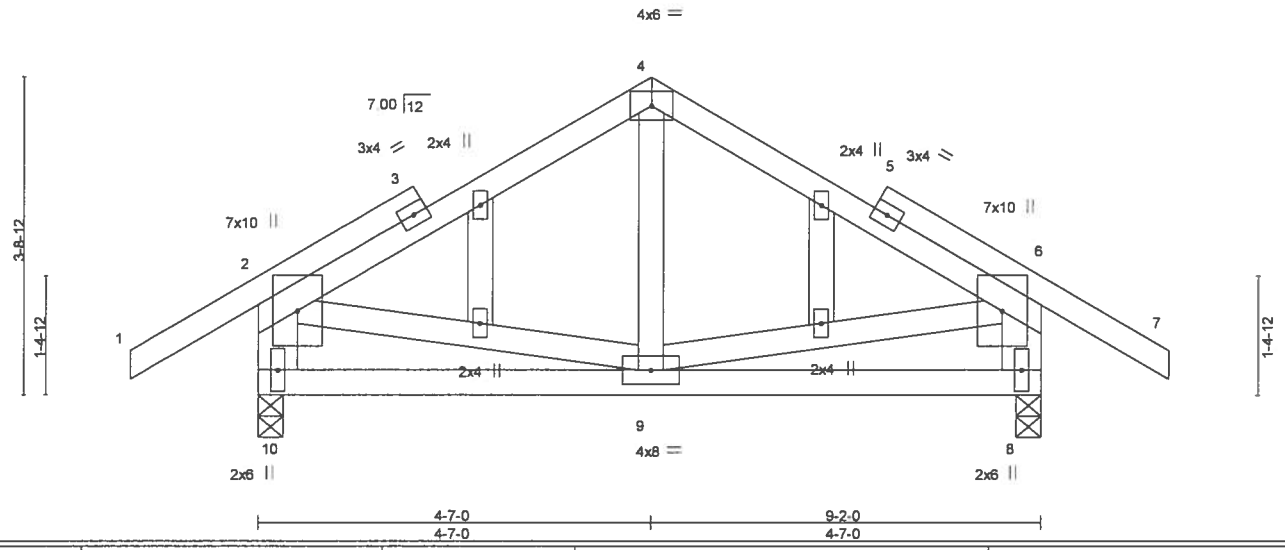

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.20	Vert(LL)	0.02	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.17	Vert(TL)	-0.02	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(TL)	0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 66 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
2-10,6-8: 2x6 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. (lb/size) 10=416/0-3-8, 8=416/0-3-8
Max Horz 10=-148(LC 10)
Max Uplift 10=-176(LC 12), 8=-176(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-295/377, 3-4=-246/397, 4-5=-246/397, 5-6=-295/377, 2-10=-376/446, 6-8=-376/446

NOTES- (9)
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=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2) zone; end vertical left and right exposed; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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.
4) Gable studs spaced at 2-0-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=176, 8=176.
8) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
9) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	T12324209
1249827	T23	HIP TRUSS	1	1	Job Reference (optional)	

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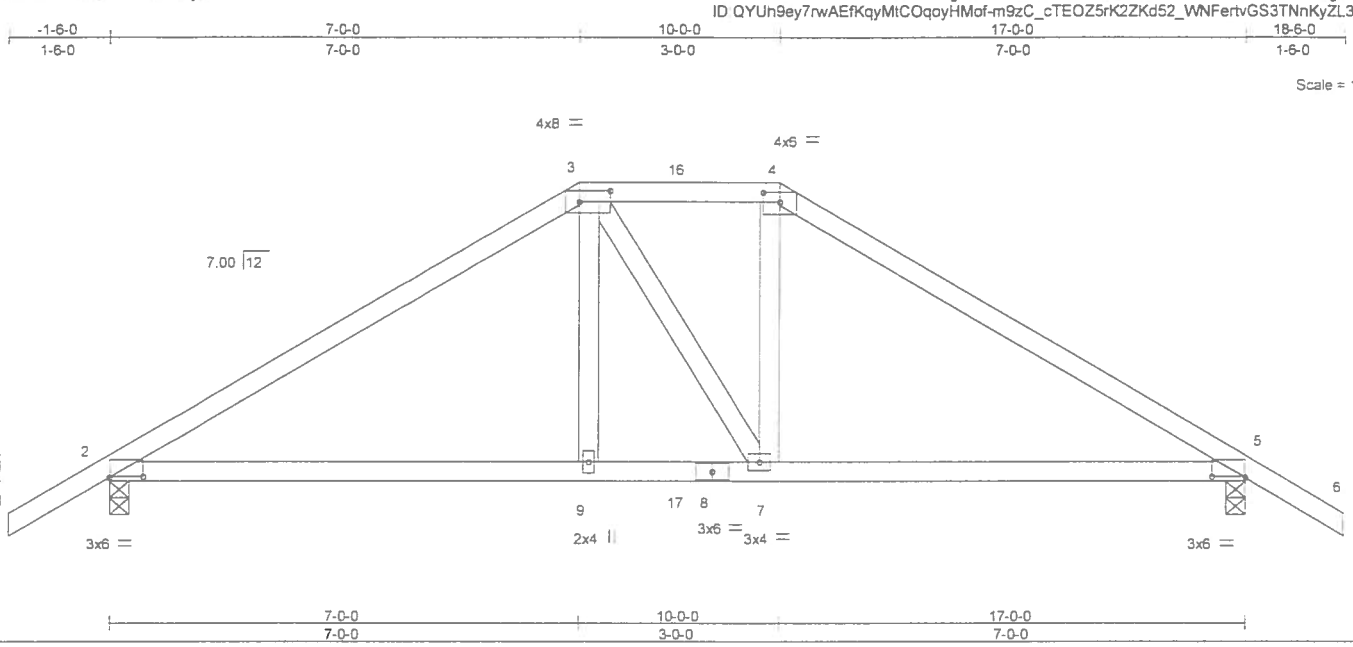

Plate Offsets (X,Y)-- [2:0-6-0,0-0-2], [3:0-5-8,0-2-0], [4:0-3-0,0-1-12], [5:0-6-0,0-0-2]

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	0.59	Vert(LL)	0.10	9-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.57	Vert(TL)	-0.16	9-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.19	Horz(TL)	0.04	5	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 78 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-8-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-8-12 oc bracing.

REACTIONS. (lb/size) 2=1198/0-3-8, 5=1206/0-3-8
Max Horz 2=-124(LC 25)
Max Uplift 2=-724(LC 5), 5=-734(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1728/1167, 3-16=-1435/1077, 4-16=-1435/1077, 4-5=-1747/1208
BOT CHORD 2-9=-1029/1404, 9-17=-1043/1419, 8-17=-1043/1419, 7-8=-1043/1419, 5-7=-1020/1420
WEBS 3-9=-383/505, 4-7=-371/500

NOTES- (10)

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=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=724, 5=734.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 112 lb down and 108 lb up at 7-0-0, and 117 lb down and 104 lb up at 8-6-0, and 190 lb down and 255 lb up at 10-0-0 on top chord, and 306 lb down and 366 lb up at 7-0-0, and 70 lb down and 69 lb up at 8-6-0, and 306 lb down and 366 lb up at 9-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-54, 3-4=-54, 4-6=-54, 10-13=-20
   Concentrated Loads (lb)
   Vert: 3=-92(F) 4=-143(F) 9=-306(F) 7=-306(F) 16=-92(F) 17=-44(F)

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Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING	
1249827	T24	Hip Girder	1	1	Job Reference (optional)	T12324210

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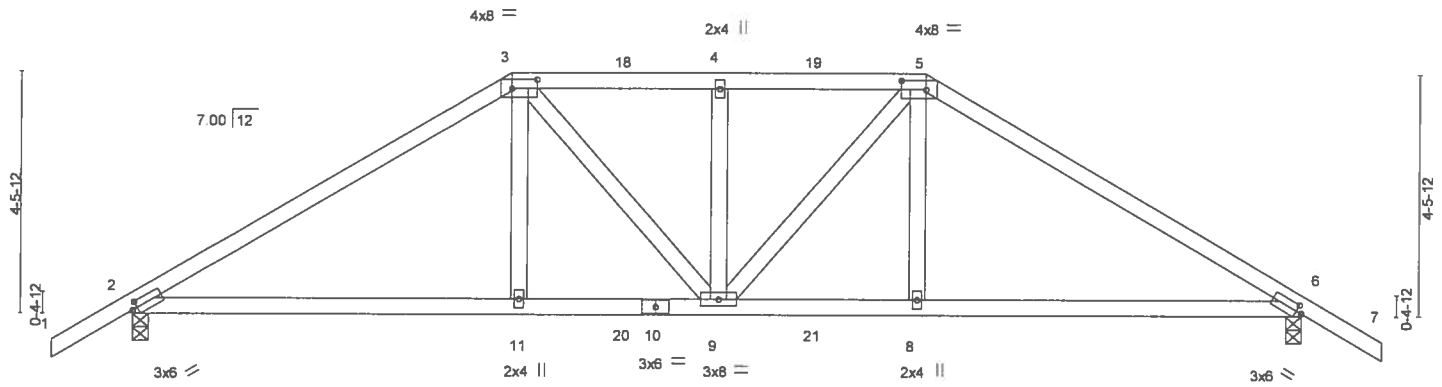

7-0-0	10-10-0	14-8-0	21-8-0
7-0-0	3-10-0	3-10-0	7-0-0

Plate Offsets (X,Y)— [2:0-1-3,0-1-8], [3:0-5-8,0-2-0], [5:0-5-8,0-2-0], [6:0-1-3,0-1-8]

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	0.73	Vert(LL)	0.14	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.67	Vert(TL)	-0.19	9-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.21	Horz(TL)	0.08	6	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 106 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-11-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-0-8 oc bracing.

REACTIONS. (lb/size) 2=1536/0-3-8, 6=1536/0-3-8
Max Horz 2=-124(LC 6)
Max Uplift 2=-908(LC 8), 6=-908(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2386/1581, 3-18=-2242/1572, 4-18=-2242/1572, 4-19=-2242/1572, 5-19=-2242/1572, 5-6=-2386/1581
BOT CHORD 2-11=-1350/1971, 11-20=-1360/1986, 10-20=-1360/1986, 9-10=-1360/1986, 9-21=-1302/1986, 8-21=-1302/1986, 6-8=-1292/1971
WEBS 3-11=-313/543, 3-9=-331/442, 4-9=-432/286, 5-9=-331/442, 5-8=-313/543

NOTES- (10)
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=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=908, 6=908.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 190 lb down and 255 lb up at 7-0-0, 117 lb down and 104 lb up at 9-0-12, 117 lb down and 104 lb up at 10-10-0, and 117 lb down and 104 lb up at 12-7-4, and 190 lb down and 255 lb up at 14-8-0 on top chord, and 306 lb down and 366 lb up at 7-0-0, 70 lb down and 69 lb up at 9-0-12, 70 lb down and 69 lb up at 10-10-0, and 70 lb down and 69 lb up at 12-7-4, and 306 lb down and 366 lb up at 14-7-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
10) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-5=-54, 5-7=-54, 12-15=-20

Continued on page 2

MiTek
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LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 3=-143(F) 5=-143(F) 11=-306(F) 9=-44(F) 4=-92(F) 8=-306(F) 18=-92(F) 19=-92(F) 20=-44(F) 21=-44(F)

Job	Truss	Truss Type	Qty	Ply	ADAMS FRAMING - LOT 11 AMELIA LANDING
1249827	T25	Hip	1	1	T12324211

Job Reference (optional)

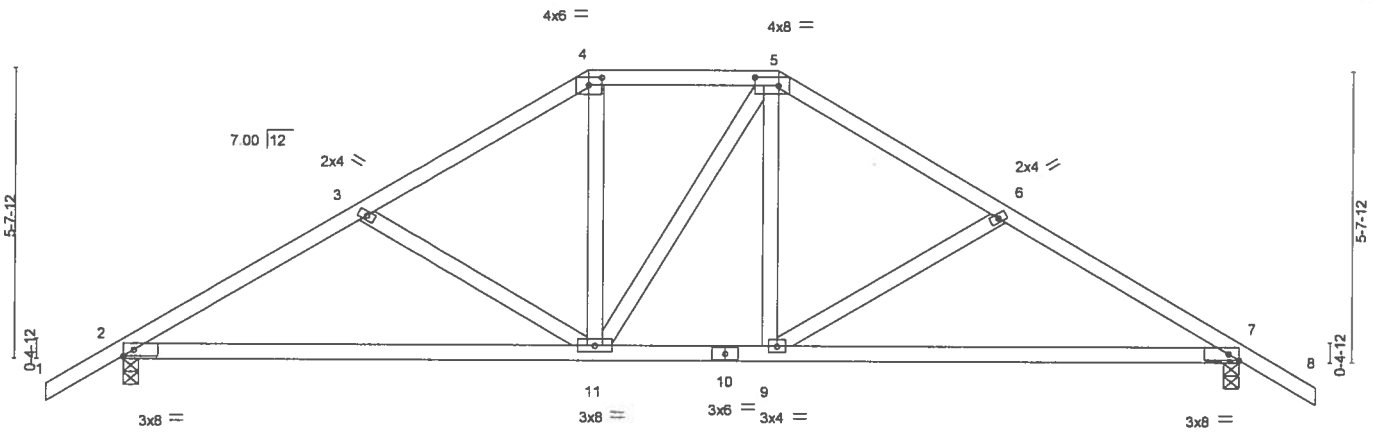
Builders FirstSource, Lake City, FL 32055

7.640 s Aug 16 2017 MiTek Industries, Inc. Fri Oct 20 15:36:25 2017 Page 1

ID:QYUh9ey7rwAEfKqyMtCOqoyHMof-iX5zPIUVvBLZZLjjIW4SboK42hZAw_GfEeRgPyyRUp4

-1-6-0	4-8-6	9-0-0	12-8-0	16-11-10	21-8-0	23-2-0
1-6-0	4-8-6	4-3-10	3-8-0	4-3-10	4-8-6	1-6-0

Scale = 1:43.2



9-0-0	12-8-0	21-8-0
9-0-0	3-8-0	9-0-0

Plate Offsets (X,Y)-- [4:0-3-0,0-1-12], [5:0-5-8,0-2-0]

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	0.23	Vert(LL)	-0.13	9-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.67	Vert(TL)	-0.33	9-17	>777	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.17	Horz(TL)	0.04	7	n/a	n/a		
BCDL	10.0	Code FBC2014/TPI2007		(Matrix-M)							Weight: 113 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-3-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-5-1 oc bracing.

REACTIONS. (lb/size) 2=883/0-3-8, 7=883/0-3-8
Max Horz 2=-153(LC 10)
Max Uplift 2=-185(LC 12), 7=-185(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1198/575, 3-4=-963/479, 4-5=-792/463, 5-6=-962/479, 6-7=-1198/575
BOT CHORD 2-11=-385/991, 10-11=-186/779, 9-10=-186/779, 7-9=-389/991
WEBS 3-11=-324/239, 4-11=-86/283, 5-9=-88/285, 6-9=-324/239

NOTES- (8)
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=18ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=185, 7=185.
7) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
8) This manufactured product is designed as an individual building component. The suitability and use of this component for any particular building is the responsibility of the building designer per ANSI TPI 1 as referenced by the building code.

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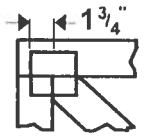
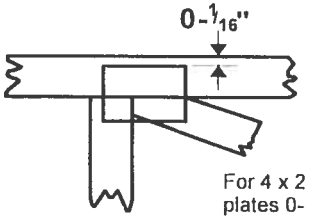
Symbols

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- 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

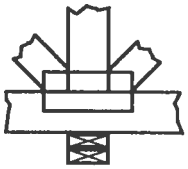
4 x 4

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

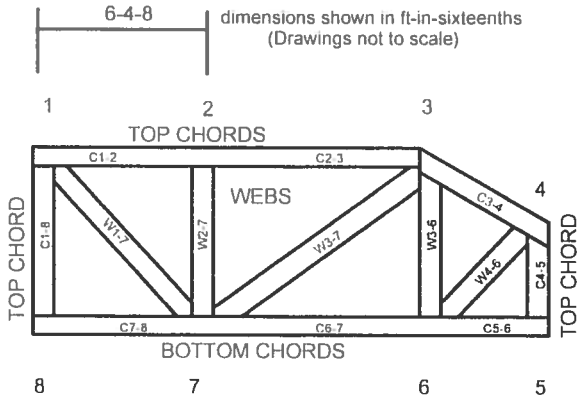


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

ANSI/TPI1: 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



JOINTS ARE GENERALLY NUMBERED/LETTERED 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/TPI 1 section 6.3 These truss designs rely on lumber values established by others.

MiTek

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 Tor 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/TPI 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
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 purlins 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/TPI 1 Quality Criteria.

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Note: T-Bracing / I-Bracing to be used when continuous lateral bracing is impractical. T-Brace / I-Brace must cover 90% of web length.

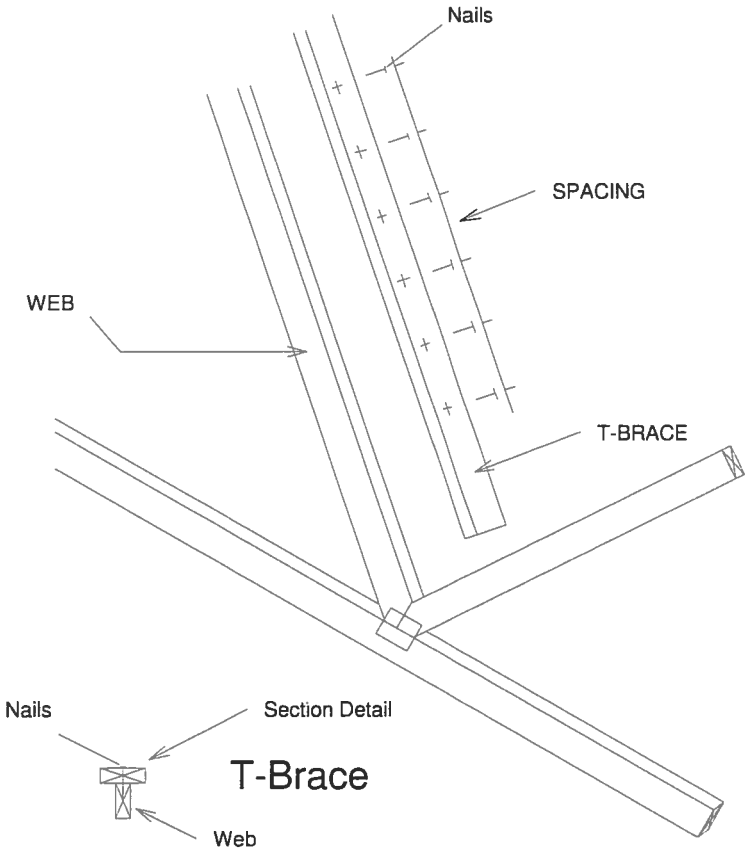
Note: This detail NOT to be used to convert T-Brace / I-Brace webs to continuous lateral braced webs.

Nailing Pattern		
T-Brace size	Nail Size	Nail Spacing
2x4 or 2x6 or 2x8	10d	6" o.c.
Note: Nail along entire length of T-Brace / I-Brace (On Two-Ply's Nail to Both Plies)		

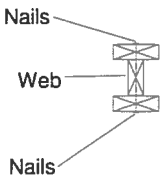
	Brace Size for One-Ply Truss	
	Specified Continuous Rows of Lateral Bracing	
Web Size	1	2
2x3 or 2x4	2x4 T-Brace	2x4 I-Brace
2x6	2x6 T-Brace	2x6 I-Brace
2x8	2x8 T-Brace	2x8 I-Brace

	Brace Size for Two-Ply Truss	
	Specified Continuous Rows of Lateral Bracing	
Web Size	1	2
2x3 or 2x4	2x4 T-Brace	2x4 I-Brace
2x6	2x6 T-Brace	2x6 I-Brace
2x8	2x8 T-Brace	2x8 I-Brace

T-Brace / I-Brace must be same species and grade (or better) as web member.



T-Brace



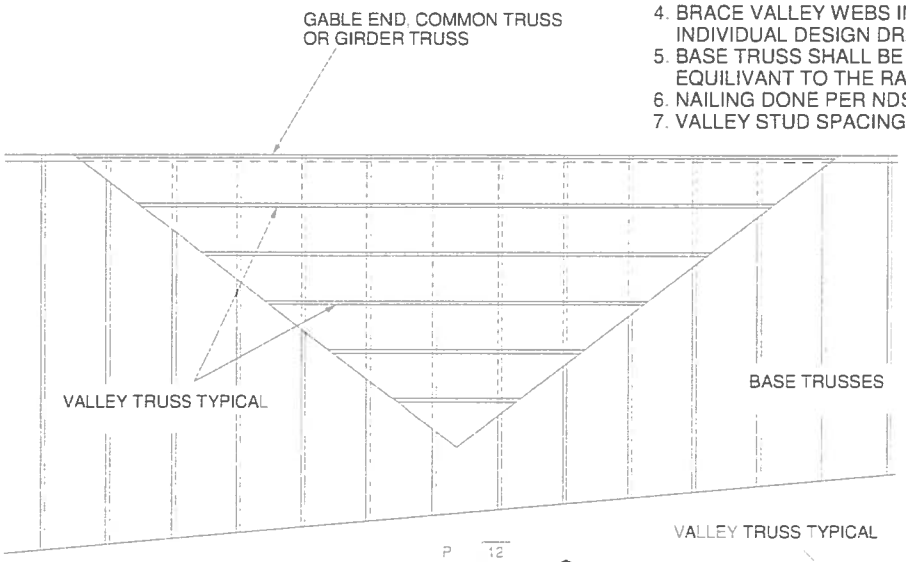
I-Brace

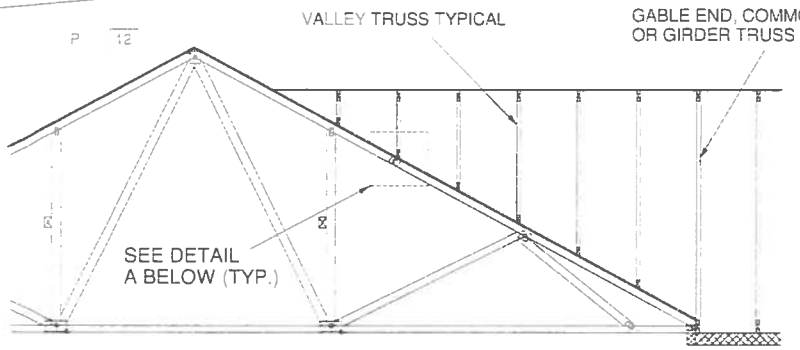
FEBRUARY 14, 2012	TRUSSED VALLEY SET DETAIL	ST-VALLEY HIGH WIND1

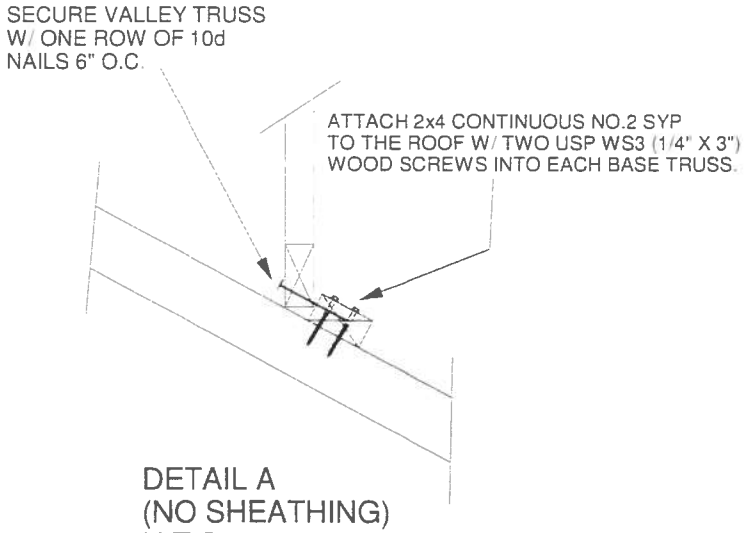
MiTek USA, Inc.

GENERAL SPECIFICATIONS

1. NAIL SIZE = 3" X 0.131" = 10d
2. WOOD SCREW = 3" WS3 USP OR EQUIVALENT
   DO NOT USE DRYWALL OR DECKING TYPE SCREW
3. INSTALL VALLEY TRUSSES (24" O.C. MAXIMUM) AND
   SECURE PER DETAIL A
4. BRACE VALLEY WEBS IN ACCORDANCE WITH THE
   INDIVIDUAL DESIGN DRAWINGS.
5. BASE TRUSS SHALL BE DESIGNED WITH A PURLIN SPACING
   EQUILIVANT TO THE RAKE DIMENSION OF THE VALLEY TRUSS SPACING.
6. NAILING DONE PER NDS - 01
7. VALLEY STUD SPACING NOT TO EXCEED 48" O.C.







DETAIL A
(NO SHEATHING)
N.T.S.

WIND DESIGN PER ASCE 7-98, ASCE 7-02, ASCE 7-05 146 MPH
WIND DESIGN PER ASCE 7-10 160 MPH
MAX MEAN ROOF HEIGHT = 30 FEET
ROOF PITCH = MINIMUM 3/12 MAXIMUM 6/12
CATEGORY II BUILDING
EXPOSURE C
WIND DURATION OF LOAD INCREASE : 1.60
MAX TOP CHORD TOTAL LOAD = 50 PSF
MAX SPACING = 24" O.C. (BASE AND VALLEY)
MINIMUM REDUCED DEAD LOAD OF 6 PSF
ON THE TRUSSES

JANUARY 28, 2015	LATERAL TOE-NAIL DETAIL	ST-TOENAIL_SP

MiTek USA, Inc.

NOTES:
1. TOE-NAILS SHALL BE DRIVEN AT AN ANGLE OF 45 DEGREES WITH THE MEMBER AND MUST HAVE FULL WOOD SUPPORT. (NAIL MUST BE DRIVEN THROUGH AND EXIT AT THE BACK CORNER OF THE MEMBER END AS SHOWN.
2. THE END DISTANCE, EDGE DISTANCE, AND SPACING OF NAILS SHALL BE SUCH AS TO AVOID UNUSUAL SPLITTING OF THE WOOD.
3. ALLOWABLE VALUE SHALL BE THE LESSER VALUE OF THE TWO SPECIES FOR MEMBERS OF DIFFERENT SPECIES.

TOE-NAIL SINGLE SHEAR VALUES PER NDS 2001 (lb/nail)						
	DIAM.	SP	DF	HF	SPF	SPF-S
3.5" LONG	.131	88.0	80.6	69.9	68.4	59.7
	.135	93.5	85.6	74.2	72.6	63.4
	.162	108.8	99.6	86.4	84.5	73.8
3.25" LONG	.128	74.2	67.9	58.9	57.6	50.3
	.131	75.9	69.5	60.3	59.0	51.1
	.148	81.4	74.5	64.6	63.2	52.5

VALUES SHOWN ARE CAPACITY PER TOE-NAIL.
APPLICABLE DURATION OF LOAD INCREASES MAY BE APPLIED.

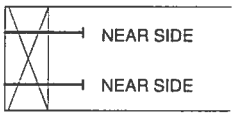
EXAMPLE:
(3) - 16d NAILS (.162" diam. x 3.5") WITH SPF SPECIES BOTTOM CHORD

For load duration increase of 1.15:
3 (nails) X 84.5 (lb/nail) X 1.15 (DOL) = 291.5 lb Maximum Capacity

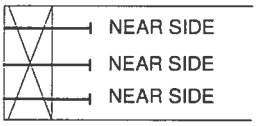
THIS DETAIL APPLICABLE TO THE THREE END DETAILS SHOWN BELOW

VIEWS SHOWN ARE FOR ILLUSTRATION PURPOSES ONLY

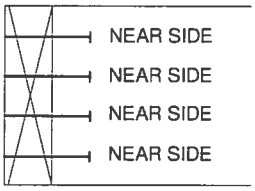
SIDE VIEW
(2x3)
2 NAILS

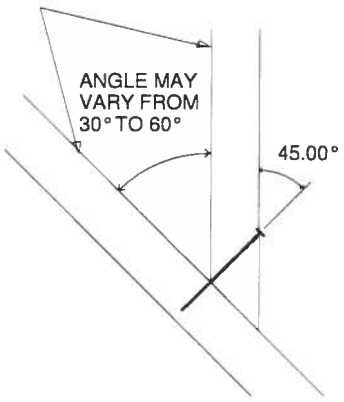


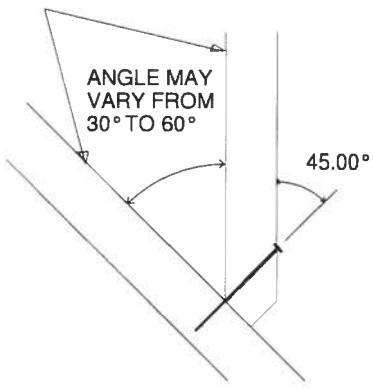
SIDE VIEW
(2x4)
3 NAILS

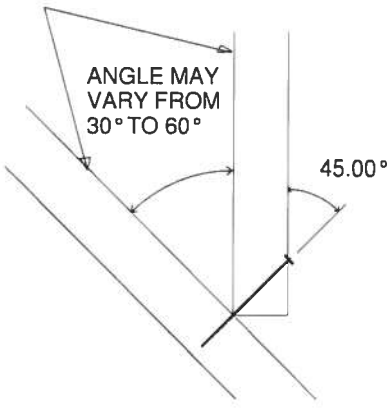


SIDE VIEW
(2x6)
4 NAILS









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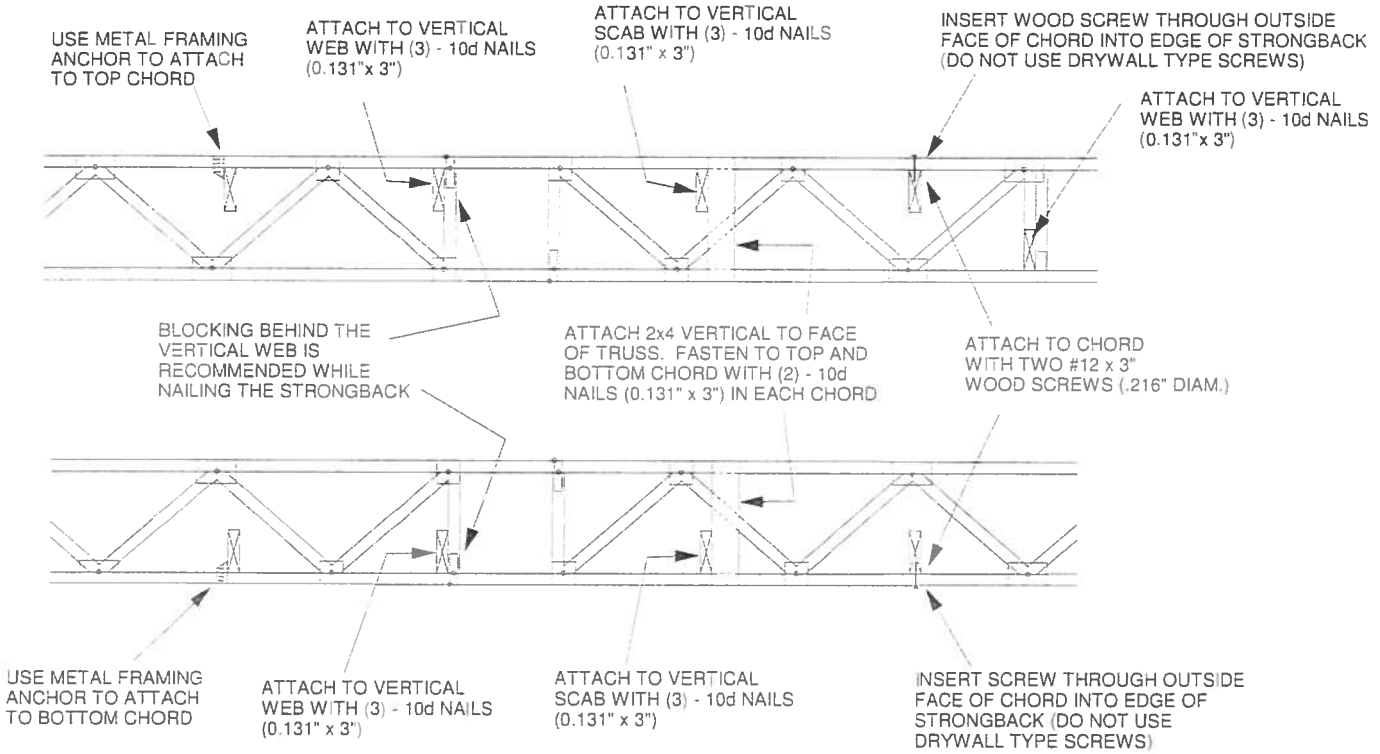
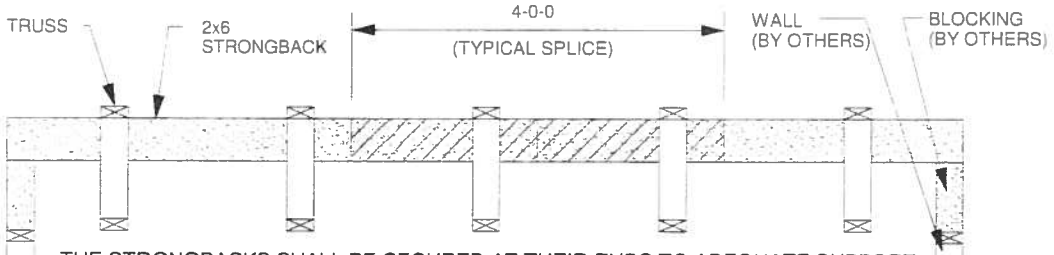
TO MINIMIZE VIBRATION COMMON TO ALL SHALLOW FRAMING SYSTEMS, 2x6 "STRONGBACK" IS RECOMMENDED, LOCATED EVERY 8 TO 10 FEET ALONG A FLOOR TRUSS.

NOTE 1: 2X6 STRONGBACK ORIENTED VERTICALLY MAY BE POSITIONED DIRECTLY UNDER THE TOP CHORD OR DIRECTLY ABOVE THE BOTTOM CHORD. SECURELY FASTENED TO THE TRUSS USING ANY OF THE METHODS ILLUSTRATED BELOW.

NOTE 2: STRONGBACK BRACING ALSO SATISFIES THE LATERAL BRACING REQUIREMENTS FOR THE BOTTOM CHORD OF THE TRUSS WHEN IT IS PLACED ON TOP OF THE BOTTOM CHORD, IS CONTINUOUS FROM END TO END, CONNECTED WITH A METHOD OTHER THAN METAL FRAMING ANCHOR, AND PROPERLY CONNECTED, BY OTHERS, AT THE ENDS.





THE STRONGBACKS SHALL BE SECURED AT THEIR ENDS TO ADEQUATE SUPPORT, DESIGNED BY OTHERS. IF SPLICING IS NECESSARY, USE A 4'-0" LONG SCAB CENTERED ON THE SPLICE AND JOINED WITH (12) - 10d NAILS (0.131" x 3") EQUALLY SPACED.

ALTERNATE METHOD OF SPLICING:
OVERLAP STRONGBACK MEMBERS A MINIMUM OF 4'-0" AND FASTEN WITH (12) - 10d NAILS (0.131" x 3") STAGGERED AND EQUALLY SPACED.
(TO BE USED ONLY WHEN STRONGBACK IS NOT ALIGNED WITH A VERTICAL)

FEBRUARY 14, 2012	STANDARD PIGGYBACK TRUSS CONNECTION DETAIL	ST-PIGGY-7-10

MiTek USA, Inc.

MiTek USA, Inc.

MAXIMUM WIND SPEED = REFER TO NOTES D AND OR E MAX MEAN ROOF HEIGHT = 30 FEET MAX TRUSS SPACING = 24 " O.C. CATEGORY II BUILDING EXPOSURE B or C ASCE 7-10 DURATION OF LOAD INCREASE : 1.60
DETAIL IS NOT APPLICABLE FOR TRUSSES TRANSFERING DRAG LOADS (SHEAR TRUSSES). ADDITIONAL CONSIDERATIONS BY BUILDING ENGINEER/DESIGNER ARE REQUIRED.

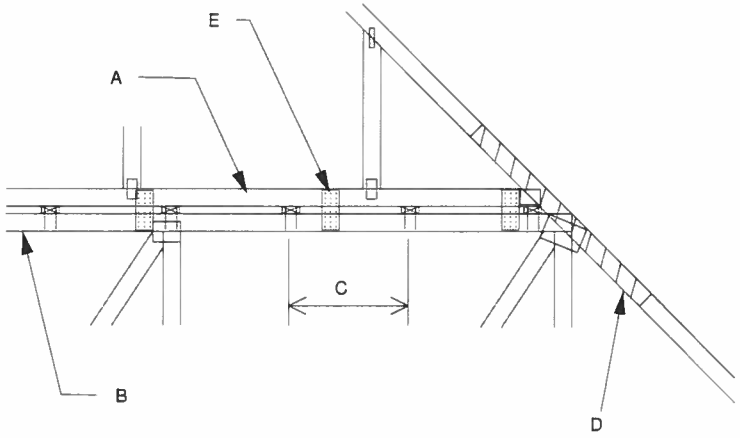
A - PIGGBACK TRUSS, REFER TO MITEK TRUSS DESIGN DRAWING. SHALL BE CONNECTED TO EACH PURLIN WITH (2) 0.131" X 3.5" TOE NAILED.

B - BASE TRUSS, REFER TO MITEK TRUSS DESIGN DRAWING.

C - PURLINS AT EACH BASE TRUSS JOINT AND A MAXIMUM 24" O.C. UNLESS SPECIFIED CLOSER ON MITEK TRUSS DESIGN DRAWING. CONNECT TO BASE TRUSS WITH (2) 0.131" X 3.5" NAILS EACH.

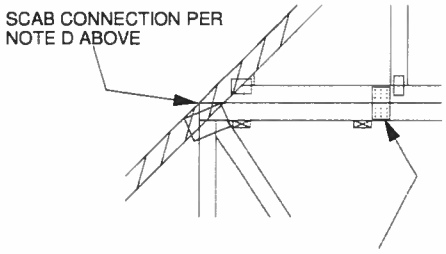
D - 2 X __ X 4'-0" SCAB, SIZE AND GRADE TO MATCH TOP CHORD OF PIGGYBACK TRUSS, ATTACHED TO ONE FACE, CENTERED ON INTERSECTION, WITH (2) ROWS OF 0.131" X 3" NAILS @ 4" O.C. SCAB MAY BE OMITTED PROVIDED THE TOP CHORD SHEATHING IS CONTINUOUS OVER INTERSECTION AT LEAST 1 FT. IN BOTH DIRECTIONS AND:
1. WIND SPEED OF 115 MPH OR LESS FOR ANY PIGGYBACK SPAN, OR
2. WIND SPEED OF 116 MPH TO 160 MPH WITH A MAXIMUM PIGGYBACK SPAN OF 12 ft.

E - FOR WIND SPEEDS BETWEEN 126 AND 160 MPH, ATTACH MITEK 3X8 20 GA Nail-On PLATES TO EACH FACE OF TRUSSES AT 72" O.C. W/ (4) 0.131" X 1.5" PER MEMBER. STAGGER NAILS FROM OPPOSING FACES. ENSURE 0.5" EDGE DISTANCE. (MIN. 2 PAIRS OF PLATES REQ. REGARDLESS OF SPAN)

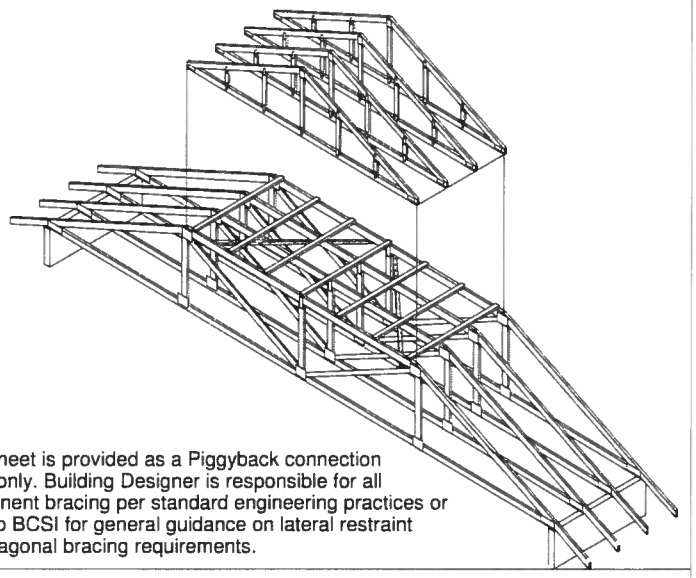


WHEN NO GAP BETWEEN PIGGYBACK AND BASE TRUSS EXISTS:

REPLACE TOE NAILING OF PIGGYBACK TRUSS TO PURLINS WITH Nail-On PLATES AS SHOWN, AND INSTALL PURLINS TO BOTTOM EDGE OF BASE TRUSS TOP CHORD AT SPECIFIED SPACING SHOWN ON BASE TRUSS MITEK DESIGN DRAWING.

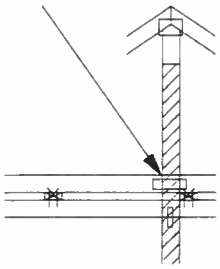


FOR ALL WIND SPEEDS, ATTACH MITEK 3X6 20 GA Nail-On PLATES TO EACH FACE OF TRUSSES AT 48" O.C. W/ (4) 0.131" X 1.5" PER MEMBER. STAGGER NAILS FROM OPPOSING FACES ENSURE 0.5" EDGE DISTANCE.



This sheet is provided as a Piggyback connection detail only. Building Designer is responsible for all permanent bracing per standard engineering practices or refer to BCSI for general guidance on lateral restraint and diagonal bracing requirements.

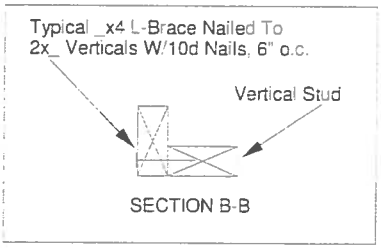
VERTICAL WEB TO EXTEND THROUGH BOTTOM CHORD OF PIGGYBACK

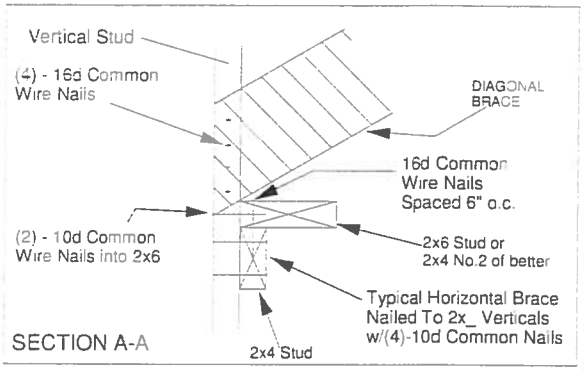


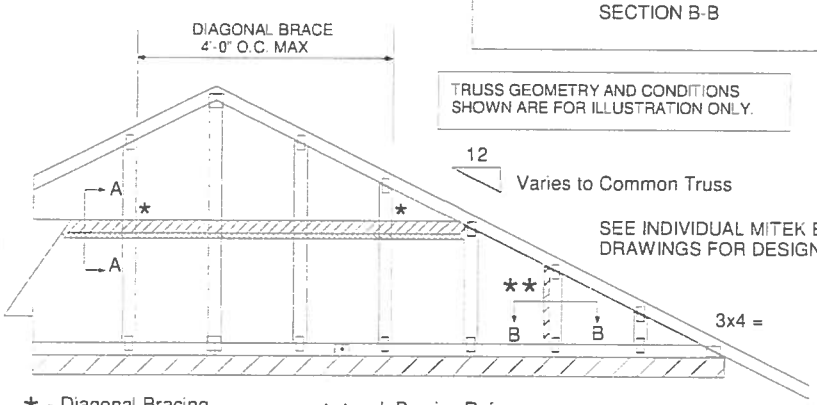
FOR LARGE CONCENTRATED LOADS APPLIED TO CAP TRUSS REQUIRING A VERTICAL WEB:

1) VERTICAL WEBS OF PIGGYBACK AND BASE TRUSS MUST MATCH IN SIZE, GRADE, AND MUST LINE UP AS SHOWN IN DETAIL.
2) ATTACH 2 x ___ x 4'-0" SCAB TO EACH FACE OF TRUSS ASSEMBLY WITH 2 ROWS OF 10d (0.131" X 3") NAILS SPACED 4" O.C. FROM EACH FACE. (SIZE AND GRADE TO MATCH VERTICAL WEBS OF PIGGYBACK AND BASE TRUSS.) (MINIMUM 2X4)
3) THIS CONNECTION IS ONLY VALID FOR A MAXIMUM CONCENTRATED LOAD OF 4000 LBS (@1.15). REVIEW BY A QUALIFIED ENGINEER IS REQUIRED FOR LOADS GREATER THAN 4000 LBS.
4) FOR PIGGYBACK TRUSSES CARRYING GIRDER LOADS, NUMBER OF PLYS OF PIGGYBACK TRUSS TO MATCH BASE TRUSS.
5) CONCENTRATED LOAD MUST BE APPLIED TO BOTH THE PIGGYBACK AND THE BASE TRUSS DESIGN.

MiTek USA, Inc.







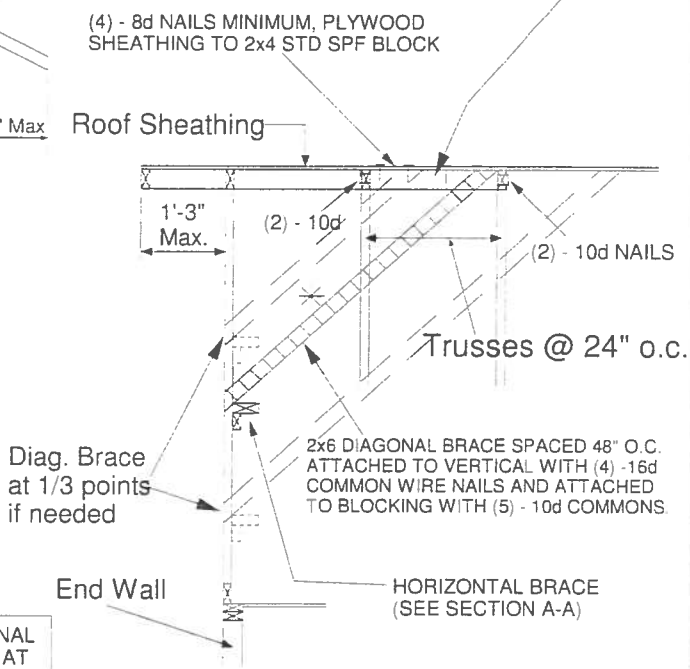
TRUSS GEOMETRY AND CONDITIONS SHOWN ARE FOR ILLUSTRATION ONLY.

SEE INDIVIDUAL MITEK ENGINEERING DRAWINGS FOR DESIGN CRITERIA

* - Diagonal Bracing Refer to Section A-A

** - L-Bracing Refer to Section B-B

PROVIDE 2x4 BLOCKING BETWEEN THE FIRST TWO TRUSSES AS NOTED. TOENAIL BLOCKING TO TRUSSES WITH (2) - 10d NAILS AT EACH END. ATTACH DIAGONAL BRACE TO BLOCKING WITH (5) - 10d COMMON WIRE NAILS.



NOTE:
1. MINIMUM GRADE OF #2 MATERIAL IN THE TOP AND BOTTOM CHORDS.
2. CONNECTION BETWEEN BOTTOM CHORD OF GABLE END TRUSS AND WALL TO BE PROVIDED BY PROJECT ENGINEER OR ARCHITECT.
3. BRACING SHOWN IS FOR INDIVIDUAL TRUSS ONLY. CONSULT BLDG. ARCHITECT OR ENGINEER FOR TEMPORARY AND PERMANENT BRACING OF ROOF SYSTEM.
4. "L" BRACES SPECIFIED ARE TO BE FULL LENGTH. GRADES. 1x4 SRB OR 2x4 STUD OR BETTER WITH ONE ROW OF 10d NAILS SPACED 6" O.C.
5. DIAGONAL BRACE TO BE APPROXIMATELY 45 DEGREES TO ROOF DIAPHRAM AT 4'-0" O.C.
6. CONSTRUCT HORIZONTAL BRACE CONNECTING A 2x6 STUD AND A 2x4 STUD AS SHOWN WITH 16d NAILS SPACED 6" O.C. HORIZONTAL BRACE TO BE LOCATED AT THE MIDSPAN OF THE LONGEST STUD. ATTACH TO VERTICAL STUDS WITH (4) 10d NAILS THROUGH 2x4. (REFER TO SECTION A-A)
7. GABLE STUD DEFLECTION MEETS OR EXCEEDS L/240.
8. THIS DETAIL DOES NOT APPLY TO STRUCTURAL GABLES.
9. DO NOT USE FLAT BOTTOM CHORD GABLES NEXT TO SCISSOR TYPE TRUSSES.

Minimum Stud Size Species and Grade	Stud Spacing	Without Brace	1x4 L-Brace	2x4 L-Brace	DIAGONAL BRACE	2 DIAGONAL BRACES AT 1/3 POINTS
		Maximum Stud Length				
2x4 SPF Std/Stud	12" O.C.	4-0-7	4-3-2	6-0-4	8-0-15	12-1-6
2x4 SPF Std/Stud	16" O.C.	3-7-0	3-8-4	5-2-10	7-1-15	10-8-15
2x4 SPF Std/Stud	24" O.C.	2-11-1	3-0-2	4-3-2	5-10-3	8-9-4

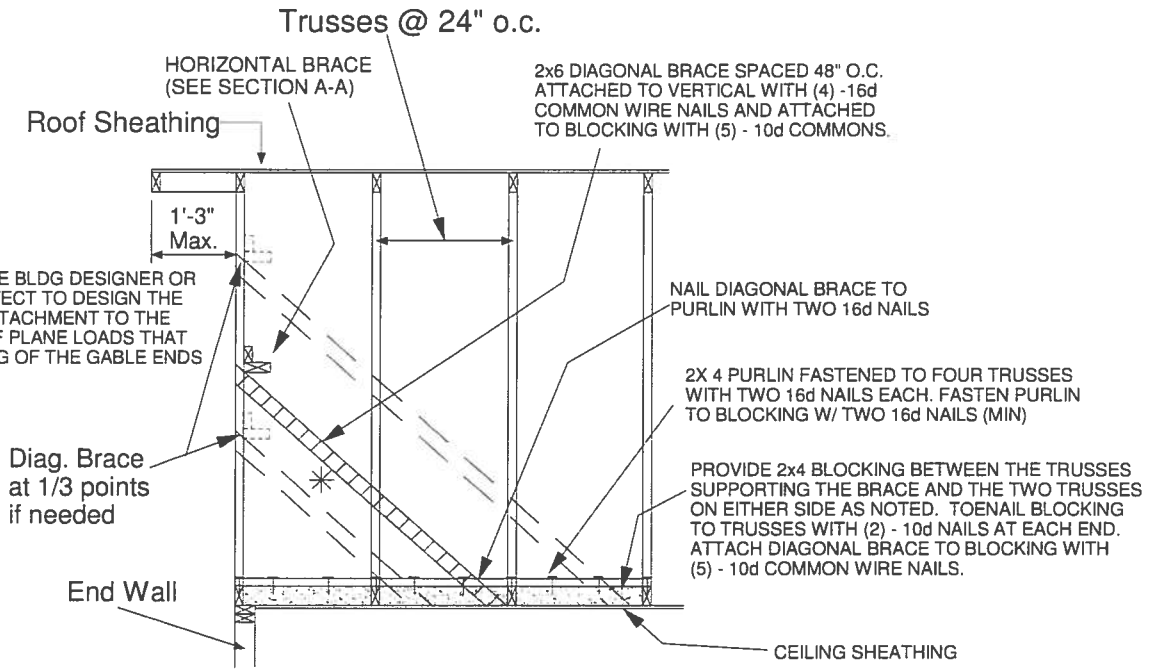
* Diagonal braces over 6'-3" require a 2x4 T-Brace attached to one edge. Diagonal braces over 12'-6" require 2x4 I-braces attached to both edges. Fasten T and I braces to narrow edge of web with 10d common wire nails 8in o.c., with 3in minimum end distance. Brace must cover 90% of diagonal length.

MAX MEAN ROOF HEIGHT = 30 FEET
CATEGORY II BUILDING
EXPOSURE B or C
ASCE 7-98, ASCE 7-02, ASCE 7-05 130 MPH
ASCE 7-10 160 MPH
DURATION OF LOAD INCREASE : 1.60

STUD DESIGN IS BASED ON COMPONENTS AND CLADDING.
CONNECTION OF BRACING IS BASED ON MWFRS.

MiTek USA, Inc.

ALTERNATE DIAGONAL BRACING TO THE BOTTOM CHORD



BRACING REQUIREMENTS FOR STRUCTURAL GABLE TRUSSES

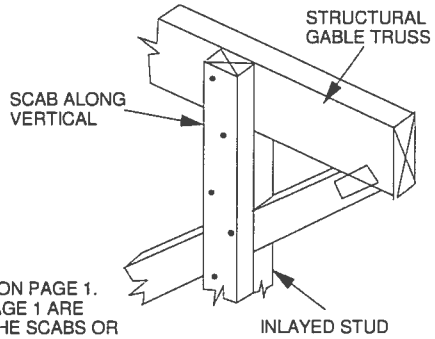
STRUCTURAL GABLE TRUSSES MAY BE BRACED AS NOTED:

METHOD 1 : ATTACH A MATCHING GABLE TRUSS TO THE INSIDE FACE OF THE STRUCTURAL GABLE AND FASTEN PER THE FOLLOWING NAILING SCHEDULE.

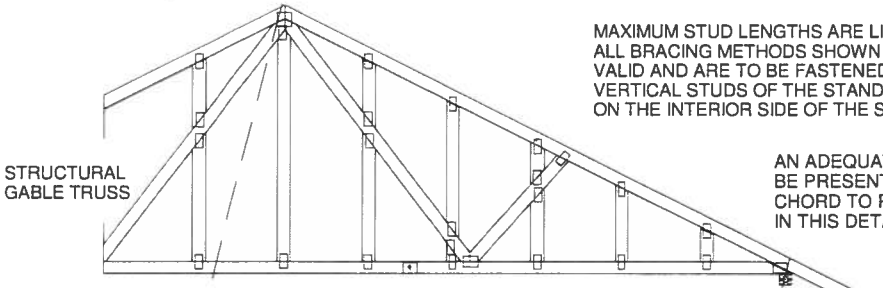
METHOD 2 : ATTACH 2X _ SCABS TO THE FACE OF EACH VERTICAL MEMBER ON THE STRUCTURAL GABLE PER THE FOLLOWING NAILING SCHEDULE. SCABS ARE TO BE OF THE SAME SIZE, GRADE AND SPECIES AS THE TRUSS VERTICALS

NAILING SCHEDULE:

- FOR WIND SPEEDS 120 MPH (ASCE 7-98, 02, 05), 150 MPH (ASCE 7-10) OR LESS, NAIL ALL MEMBERS WITH ONE ROW OF 10d (.131" X 3") NAILS SPACED 6" O.C.
- FOR WIND SPEEDS GREATER 120 MPH (ASCE 7-98, 02, 05), 150 MPH (ASCE 7-10) NAIL ALL MEMBERS WITH TWO ROWS OF 10d (.131" X 3") NAILS SPACED 6" O.C. (2X 4 STUDS MINIMUM)

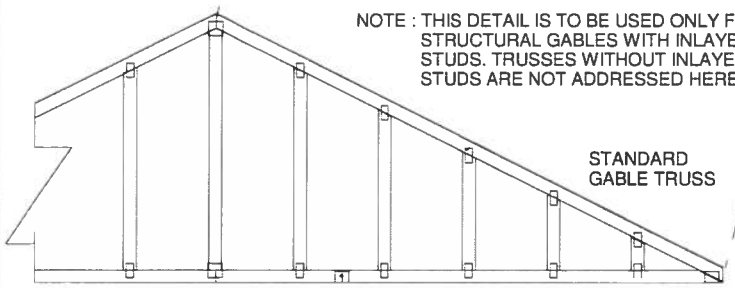


MAXIMUM STUD LENGTHS ARE LISTED ON PAGE 1. ALL BRACING METHODS SHOWN ON PAGE 1 ARE VALID AND ARE TO BE FASTENED TO THE SCABS OR VERTICAL STUDS OF THE STANDARD GABLE TRUSS ON THE INTERIOR SIDE OF THE STRUCTURE.



AN ADEQUATE DIAPHRAGM OR OTHER METHOD OF BRACING MUST BE PRESENT TO PROVIDE FULL LATERAL SUPPORT OF THE BOTTOM CHORD TO RESIST ALL OUT OF PLANE LOADS. THE BRACING SHOWN IN THIS DETAIL IS FOR THE VERTICAL/STUDS ONLY.

NOTE : THIS DETAIL IS TO BE USED ONLY FOR STRUCTURAL GABLES WITH INLAYED STUDS. TRUSSES WITHOUT INLAYED STUDS ARE NOT ADDRESSED HERE.



Residential System Sizing Calculation

Summary

Adams Construction AMELIA

Lake City, FL 32024-

Project Title:
Kincaid Model

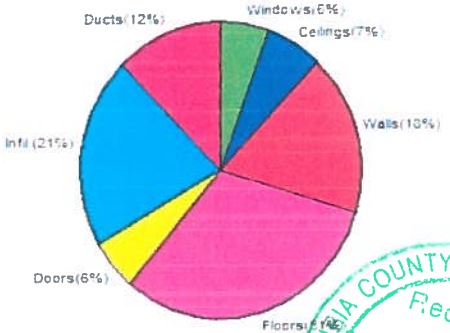
8/11/2014

Location for weather data: Gainesville, FL - Defaults: Latitude(29.7) Altitude(152 ft.) Temp Range(M) Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)					
Winter design temperature(MJ8 99%)	33	F	Summer design temperature(MJ8 99%)	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
Total heating load calculation	**27798**	**Btuh**	**Total cooling load calculation**	**25729**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	100.0	27798	Sensible (SHR = 0.75)	97.2	19180
Heat Pump + Auxiliary(0.0kW)	100.0	27798	Latent	106.6	6393
			Total (Electric Heat Pump)	99.4	25573

WINTER CALCULATIONS

Winter Heating Load (for 1564 sqft)

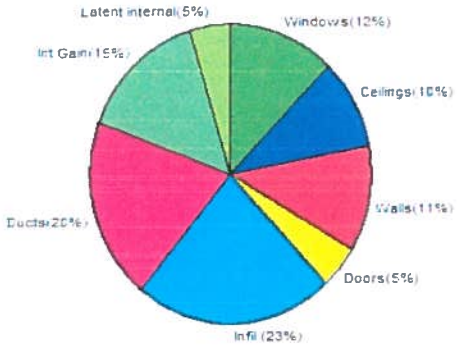
Load component			Load	
Window total	145	sqft	1610	Btuh
Wall total	1492	sqft	4900	Btuh
Door total	104	sqft	1546	Btuh
Ceiling total	1669	sqft	1808	Btuh
Floor total	1669	sqft	8732	Btuh
Infiltration	142	cfm	5741	Btuh
Duct loss			3462	Btuh
Subtotal			**27798**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**27798**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1564 sqft)

Load component			Load	
Window total	145	sqft	3141	Btuh
Wall total	1492	sqft	2949	Btuh
Door total	104	sqft	1170	Btuh
Ceiling total	1669	sqft	2540	Btuh
Floor total			0	Btuh
Infiltration	106	cfm	1978	Btuh
Internal gain			3780	Btuh
Duct gain			4172	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Blower Load			0	Btuh
Total sensible gain			**19730**	**Btuh**
Latent gain(ducts)			914	Btuh
Latent gain(infiltration)			3885	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1200	Btuh
Total latent gain			**5999**	**Btuh**
TOTAL HEAT GAIN			**25729**	**Btuh**



Powered by ACCA MANUAL J 8th Edition

EnergyGauge® System Sizing
PREPARED BY: _____
DATE: _____

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Adams Construction
Lake City, FL 32024-

Project Title:
Kincaid Model
Building Type: User

8/11/2014

Reference City: Gainesville, FL (Defaults) Winter Temperature Difference: 37.0 F (MJ8 99%)

Component Loads for Whole House

Window	Panes/Type	Frame	U	Orientation	Area(sqft) X	HTM=	Load
1	2, NFRC 0.30	Vinyl	0.30	E	45.0	11.1	500 Btuh
2	2, NFRC 0.30	Vinyl	0.30	E	9.0	11.1	100 Btuh
3	2, NFRC 0.30	Vinyl	0.30	S	15.0	11.1	166 Btuh
4	2, NFRC 0.30	Vinyl	0.30	W	15.0	11.1	166 Btuh
5	2, NFRC 0.30	Vinyl	0.30	W	45.0	11.1	500 Btuh
6	2, NFRC 0.30	Vinyl	0.30	N	16.0	11.1	178 Btuh
	Window Total				145.0(sqft)		1610 Btuh

Walls	Type	Ornt.	Ueff.	R-Value (Cav/Sh)	Area X	HTM=	Load
1	Frame - Wood	- Ext	(0.089)	13.0/0.0	409	3.28	1343 Btuh
2	Frame - Wood	- Ext	(0.089)	13.0/0.0	213	3.28	700 Btuh
3	Frame - Wood	- Ext	(0.089)	13.0/0.0	51	3.28	167 Btuh
4	Frame - Wood	- Ext	(0.089)	13.0/0.0	72	3.28	236 Btuh
5	Frame - Wood	- Ext	(0.089)	13.0/0.0	87	3.28	286 Btuh
6	Frame - Wood	- Ext	(0.089)	13.0/0.0	66	3.28	217 Btuh
7	Frame - Wood	- Ext	(0.089)	13.0/0.0	57	3.28	186 Btuh
8	Frame - Wood	- Ext	(0.089)	13.0/0.0	41	3.28	133 Btuh
9	Frame - Wood	- Ext	(0.089)	13.0/0.0	60	3.28	197 Btuh
10	Frame - Wood	- Adj	(0.089)	13.0/0.0	105	3.28	345 Btuh
11	Frame - Wood	- Adj	(0.089)	13.0/0.0	177	3.28	582 Btuh
12	Frame - Wood	- Ext	(0.089)	13.0/0.0	155	3.28	509 Btuh
	Wall Total				1492(sqft)		4900 Btuh

Doors	Type	Storm	Ueff.	Area X	HTM=	Load
1	Insulated - Exterior,	n	(0.400)	20	14.8	296 Btuh
2	Insulated - Garage,	n	(0.400)	18	14.8	263 Btuh
3	Insulated - Exterior,	n	(0.400)	33	14.8	493 Btuh
4	Insulated - Exterior,	n	(0.400)	33	14.8	493 Btuh
	Door Total			104(sqft)		1546Btuh

Ceilings	Type/Color/Surface	Ueff.	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shing	(0.032)	30.0/0.0	1669	1.2	1808 Btuh
	Ceiling Total			1669(sqft)		1808Btuh

Floors	Type	Ueff.	R-Value	Size X	HTM=	Load
1	Slab On Grade	(1.180)	0.0	200.0 ft(perim.)	43.7	8732 Btuh
	Floor Total			1669 sqft		8732 Btuh

	Envelope Subtotal:	18595 Btuh

Infiltration	Type	Wholehouse ACH	Volume(cuft)	Wall Ratio	CFM=	
	Natural	0.62	13806	1.00	141.7	5741 Btuh

Duct load	Average sealed, R6.0, Supply(Att), Return(Att)	(DLM of 0.142)	3462 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Adams Construction
Lake City, FL 32024-

Project Title:
Kincaid Model
Building Type: User

8/11/2014

All Zones	**Sensible Subtotal All Zones**	**27798 Btuh**

WHOLE HOUSE TOTALS

Totals for Heating	Subtotal Sensible Heat Loss Ventilation Sensible Heat Loss Total Heat Loss	27798 Btuh 0 Btuh 27798 Btuh

EQUIPMENT

1. Electric Heat Pump	#	27798 Btuh

Key: Window types - NFRC (Requires U-Factor and Shading coefficient(SHGC) of glass as numerical values)
or - Glass as 'Clear' or 'Tint' (Uses U-Factor and SHGC defaults)
U - (Window U-Factor)
HTM - (ManualJ Heat Transfer Multiplier)

Version 8

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Adams Construction
Lake City, FL 32024-

Project Title:
Kincaid Model
Building Type: User

8/11/2014

Reference City: Gainesville, FL (Defaults) Winter Temperature Difference: 37.0 F (MJ8 99%)

Component Loads for Room #1: Main

Window	Panes/Type	Frame	U	Orientation	Area(sqft) X	HTM=	Load
1	2, NFRC 0.30	Vinyl	0.30	E	45.0	11.1	500 Btuh
2	2, NFRC 0.30	Vinyl	0.30	E	9.0	11.1	100 Btuh
3	2, NFRC 0.30	Vinyl	0.30	S	15.0	11.1	166 Btuh
4	2, NFRC 0.30	Vinyl	0.30	W	15.0	11.1	166 Btuh
5	2, NFRC 0.30	Vinyl	0.30	W	45.0	11.1	500 Btuh
6	2, NFRC 0.30	Vinyl	0.30	N	16.0	11.1	178 Btuh
	Window Total				145.0(sqft)		1610 Btuh

Walls	Type	Ornt.	Ueff.	R-Value (Cav/Sh)	Area X	HTM=	Load
1	Frame - Wood	- Ext	(0.089)	13.0/0.0	409	3.28	1343 Btuh
2	Frame - Wood	- Ext	(0.089)	13.0/0.0	213	3.28	700 Btuh
3	Frame - Wood	- Ext	(0.089)	13.0/0.0	51	3.28	167 Btuh
4	Frame - Wood	- Ext	(0.089)	13.0/0.0	72	3.28	236 Btuh
5	Frame - Wood	- Ext	(0.089)	13.0/0.0	87	3.28	286 Btuh
6	Frame - Wood	- Ext	(0.089)	13.0/0.0	66	3.28	217 Btuh
7	Frame - Wood	- Ext	(0.089)	13.0/0.0	57	3.28	186 Btuh
8	Frame - Wood	- Ext	(0.089)	13.0/0.0	41	3.28	133 Btuh
9	Frame - Wood	- Ext	(0.089)	13.0/0.0	60	3.28	197 Btuh
10	Frame - Wood	- Adj	(0.089)	13.0/0.0	105	3.28	345 Btuh
11	Frame - Wood	- Adj	(0.089)	13.0/0.0	177	3.28	582 Btuh
12	Frame - Wood	- Ext	(0.089)	13.0/0.0	155	3.28	509 Btuh
	Wall Total				1492(sqft)		4900 Btuh

Doors	Type	Storm	Ueff.	Area X	HTM=	Load
1	Insulated - Exterior,	n	(0.400)	20	14.8	296 Btuh
2	Insulated - Garage,	n	(0.400)	18	14.8	263 Btuh
3	Insulated - Exterior,	n	(0.400)	33	14.8	493 Btuh
4	Insulated - Exterior,	n	(0.400)	33	14.8	493 Btuh
	Door Total			104(sqft)		1546Btuh

Ceilings	Type/Color/Surface	Ueff.	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shing	(0.032)	30.0/0.0	1534	1.2	1808 Btuh
	Ceiling Total			1669(sqft)		1808Btuh

Floors	Type	Ueff.	R-Value	Size X	HTM=	Load
1	Slab On Grade	(1.180)	0.0	200.0 ft(perim.)	43.7	8732 Btuh
	Floor Total			1669 sqft		8732 Btuh

	Room Envelope Subtotal:	18595 Btuh

Infiltration	Type	Wholehouse ACH	Room Volume	Wall Ratio	CFM=	
	Natural	0.62	13806	1.00	141.7	5741 Btuh

Duct load			
	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic)	(DLM of 0.142)	3462 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Adams Construction
Lake City, FL 32024-

Project Title:
Kincaid Model
Building Type: User

8/11/2014

Room #1	**Sensible Room Subtotal**	**27798 Btuh**

WHOLE HOUSE TOTALS

Totals for Heating	Subtotal Sensible Heat Loss Ventilation Sensible Heat Loss Total Heat Loss	27798 Btuh 0 Btuh 27798 Btuh

EQUIPMENT

1. Electric Heat Pump	#	27798 Btuh

Key: Window types - NFRC (Requires U-Factor and Shading coefficient(SHGC) of glass as numerical values)
or - Glass as 'Clear' or 'Tint' (Uses U-Factor and SHGC defaults)
U - (Window U-Factor)
HTM - (ManualJ Heat Transfer Multiplier)

Version 8

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Adams Construction

Project Title:
Kincaid Model

Lake City, FL 32024-

8/11/2014

Reference City: Gainesville, FL Temperature Difference: 17.0F(MJ8 99%) Humidity difference: 54gr.

Component Loads for Whole House

Window	Type* Panes	SHGC	U	InSh	IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2 NFRC	0.30, 0.30	B-L	No	E	1.5ft	2.0ft	45.0	0.0	45.0	8	24	1079	Btuh
2	2 NFRC	0.30, 0.30	B-L	No	E	1.5ft	2.0ft	9.0	0.0	9.0	8	24	216	Btuh
3	2 NFRC	0.30, 0.30	B-L	No	S	1.5ft	2.0ft	15.0	15.0	0.0	8	10	121	Btuh
4	2 NFRC	0.30, 0.30	B-L	No	W	1.5ft	2.0ft	15.0	0.0	15.0	8	24	360	Btuh
5	2 NFRC	0.30, 0.30	B-L	No	W	1.5ft	2.0ft	45.0	0.0	45.0	8	24	1079	Btuh
6	2 NFRC	0.30, 0.30	B-L	No	N	1.5ft	2.0ft	16.0	0.0	16.0	8	8	129	Btuh
	Excursion												156	Btuh
	Window Total								145 (sqft)				3141	Btuh

Walls	Type	U-Value	R-Value Cav/Sheath	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	0.09	13.0/0.0	408.8	2.1	853 Btuh
2	Frame - Wood - Ext	0.09	13.0/0.0	213.0	2.1	444 Btuh
3	Frame - Wood - Ext	0.09	13.0/0.0	51.0	2.1	106 Btuh
4	Frame - Wood - Ext	0.09	13.0/0.0	72.0	2.1	150 Btuh
5	Frame - Wood - Ext	0.09	13.0/0.0	87.0	2.1	181 Btuh
6	Frame - Wood - Ext	0.09	13.0/0.0	66.0	2.1	138 Btuh
7	Frame - Wood - Ext	0.09	13.0/0.0	56.5	2.1	118 Btuh
8	Frame - Wood - Ext	0.09	13.0/0.0	40.5	2.1	84 Btuh
9	Frame - Wood - Ext	0.09	13.0/0.0	60.0	2.1	125 Btuh
10	Frame - Wood - Adj	0.09	13.0/0.0	105.0	1.5	158 Btuh
11	Frame - Wood - Adj	0.09	13.0/0.0	177.2	1.5	267 Btuh
12	Frame - Wood - Ext	0.09	13.0/0.0	155.0	2.1	323 Btuh
	Wall Total			1492 (sqft)		2949 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Exterior	20.0	11.2	224 Btuh
2	Insulated - Garage	17.8	11.2	199 Btuh
3	Insulated - Exterior	33.3	11.2	373 Btuh
4	Insulated - Exterior	33.3	11.2	373 Btuh
	Door Total	104 (sqft)		1170 Btuh

Ceilings	Type/Color/Surface	U-Value	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	0.032	30.0/0.0	1669.0	1.66	2540 Btuh
	Ceiling Total			1611 (sqft)		2540 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	1669 (ft-perimeter)	0.0	0 Btuh
	Floor Total		1669.0 (sqft)		0 Btuh

	Envelope Subtotal:	9800 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Adams Construction
Lake City, FL 32024-

Project Title: Kincaid Model

Climate:FL_GAINESVILLE_REGIONAL_A

8/11/2014

Infiltration	Type	Average ACH	Volume(cuft)	Wall Ratio		CFM=	Load	
	Natural(Adjusted for ventilation)	0.46	13806	1		106.3	1978	Btuh
Internal gain	Occupants		Btuh/occupant			Appliance	Load	
	6		X 230	+		2400	3780	Btuh
					Sensible Envelope Load:		15559	Btuh
Duct load	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic)				(DGM of 0.268)		4172	Btuh
					Sensible Load All Zones		**19730**	**Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Adams Construction
Lake City, FL 32024-

Project Title: Kincaid Model
Climate:FL_GAINESVILLE_REGIONAL_A

8/11/2014

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**15559 Btuh**
	Sensible Duct Load	4172 Btuh
	Total Sensible Zone Loads	**19730 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**19730 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	3885 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	914 Btuh
	Latent occupant gain (6.0 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**5999 Btuh**
	TOTAL GAIN	**25729 Btuh**

EQUIPMENT

1. Central Unit	#	25573 Btuh

*Key: Window types (Panes - Number and type of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value)
(U - Window U-Factor)
(InSh - Interior shading device: none(No), Blinds(B), Draperies(D) or Roller Shades(R))
- For Blinds: Assume medium color, half closed
For Draperies: Assume medium weave, half closed
For Roller shades: Assume translucent, half closed
(IS - Insect screen: none(N), Full(F) or Half(½))
(Ornt - compass orientation)

Version 8

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Adams Construction

Project Title:
Kincaid Model

Lake City, FL 32024-

8/11/2014

Reference City: Gainesville, FL Temperature Difference: 17.0F(MJ8 99%) Humidity difference: 54gr.

Component Loads for Room #1: Main

	Type*					Overhang		Window Area(sqft)			HTM		Load
Window	Panes	SHGC	U	InSh	IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2 NFRC	0.30, 0.30		B-L	No	E	1.5ft	2.0ft	45.0	0.0	45.0	8	24	1079 Btuh
2	2 NFRC	0.30, 0.30		B-L	No	E	1.5ft	2.0ft	9.0	0.0	9.0	8	24	216 Btuh
3	2 NFRC	0.30, 0.30		B-L	No	S	1.5ft	2.0ft	15.0	15.0	0.0	8	10	121 Btuh
4	2 NFRC	0.30, 0.30		B-L	No	W	1.5ft	2.0ft	15.0	0.0	15.0	8	24	360 Btuh
5	2 NFRC	0.30, 0.30		B-L	No	W	1.5ft	2.0ft	45.0	0.0	45.0	8	24	1079 Btuh
6	2 NFRC	0.30, 0.30		B-L	No	N	1.5ft	2.0ft	16.0	0.0	16.0	8	8	129 Btuh
	Window Total								145 (sqft)					2984 Btuh

Walls	Type	U-Value	R-Value Cav/Sheath	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	0.09	13.0/0.0	408.8	2.1	853 Btuh
2	Frame - Wood - Ext	0.09	13.0/0.0	213.0	2.1	444 Btuh
3	Frame - Wood - Ext	0.09	13.0/0.0	51.0	2.1	106 Btuh
4	Frame - Wood - Ext	0.09	13.0/0.0	72.0	2.1	150 Btuh
5	Frame - Wood - Ext	0.09	13.0/0.0	87.0	2.1	181 Btuh
6	Frame - Wood - Ext	0.09	13.0/0.0	66.0	2.1	138 Btuh
7	Frame - Wood - Ext	0.09	13.0/0.0	56.5	2.1	118 Btuh
8	Frame - Wood - Ext	0.09	13.0/0.0	40.5	2.1	84 Btuh
9	Frame - Wood - Ext	0.09	13.0/0.0	60.0	2.1	125 Btuh
10	Frame - Wood - Adj	0.09	13.0/0.0	105.0	1.5	158 Btuh
11	Frame - Wood - Adj	0.09	13.0/0.0	177.2	1.5	267 Btuh
12	Frame - Wood - Ext	0.09	13.0/0.0	155.0	2.1	323 Btuh
	Wall Total			1492 (sqft)		2949 Btuh

Doors	Type	Area (sqft)	HTM	Load
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	Door Total	104 (sqft)		1170 Btuh

Ceilings	Type/Color/Surface	U-Value	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	0.032	30.0/0.0	1669.0	1.66	2540 Btuh
	Ceiling Total			1611 (sqft)		2540 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	1669 (ft-perimeter)	0.0	0 Btuh
	Floor Total		1611.0 (sqft)		0 Btuh
			Zone Envelope Subtotal:		9644 Btuh

Infiltration	Type	Wholehouse ACH	Volume(cuft)	Wall Ratio	CFM=	Load
	Natural	0.46	13806	1.00	106.3	1978 Btuh

Internal gain	Occupants	Btuh/occupant		Appliance	Load
	6	X 230	+	2400	3780 Btuh
			Sensible Envelope Load:		15402 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Adams Construction
Lake City, FL 32024-

Project Title: Kincaid Model

Climate:FL_GAINESVILLE_REGIONAL_A

8/11/2014

Duct load	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic)	(DGM of 0.268)	4130 Btuh
		Sensible Zone Load	**19532 Btuh**

The following window Excursion will be assigned to the system loads.

Windows	July excursion for System 1		156 Btuh
		Excursion Subtotal:	156 Btuh
Duct load			42 Btuh
		Sensible Excursion Load	**198 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Adams Construction
Lake City, FL 32024-

Project Title: Kincaid Model
Climate:FL_GAINESVILLE_REGIONAL_A

8/11/2014

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**15559 Btuh**
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	Total Sensible Zone Loads	**19730 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**19730 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	3885 Btuh
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	Latent other gain	0 Btuh
	Latent total gain	**5999 Btuh**
	TOTAL GAIN	**25729 Btuh**

EQUIPMENT

1. Central Unit	#	25573 Btuh

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- For Blinds: Assume medium color, half closed
For Draperies: Assume medium weave, half closed
For Roller shades: Assume translucent, half closed
(IS - Insect screen: none(N), Full(F) or Half(½))
(Ornt - compass orientation)

Version 8

Britt Surveying and Mapping, LLC
2086 SW Main Blvd Ste 112 • Lake City, FL 32025
386-752-7163 P • 386-752-5573 F • www.brittsurvey.com

01/29/18

L-25026

Re: Lot 11 Amelia Landings Phase 1

Adam's Construction

To Whom It May Concern:

The top of the foundation elevation is found to be 116.67 feet on said lot 11. The lowest adjacent grade is found to be 115.9 feet, and the highest adjacent grade is found to be 116.1 feet. The minimum floor elevation per the plat of record is 116.50 feet. The elevations shown hereon are based on plat datum.

Sincerely,

L. Scott Britt
LS 5757

35998