

DATE 03/25/2011

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT**000029273**

APPLICANT BRYAN ZECHER PHONE 386.752.8653
ADDRESS POB 815 LAKE CITY FL 32056
OWNER LUCINDA HARRISON PHONE _____
ADDRESS 594 SW MEADOW VIEW COURT LAKE CITY FL 32024
CONTRACTOR BRYAN ZECHER PHONE 386.752.8653
LOCATION OF PROPERTY 47-S TO C-240,TR AND GO 3 MILES,TL INTO MEADOW VIEW S.D
@ THE DEAD END ON R.
TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 226300.00
HEATED FLOOR AREA 3426.00 TOTAL AREA 4526.00 HEIGHT _____ STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 8'12 FLOOR CONC
LAND USE & ZONING A-3 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 18-5S-16-03642-107 SUBDIVISION MEADOW VIEW
LOT 7 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 5.00
000001880 _____ CBC054575 _____
Culvert Permit No. _____ Culvert Waiver _____ Contractor's License Number _____ Applicant/Owner/Contractor _____
18"X32'MITERED 11-0118-N BLK TC Y
Driveway Connection _____ Septic Tank Number _____ LU & Zoning checked by _____ Approved for Issuance _____ New Resident _____

COMMENTS: ELEVATION CONFIRMATION LETTER REQUIRED. MFE @ 79.00' PER PLAT.Check # or Cash 2608**FOR BUILDING & ZONING DEPARTMENT ONLY**

(footer/Slab)

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

BUILDING PERMIT FEE \$ 1135.00 CERTIFICATION FEE \$ 22.63 SURCHARGE FEE \$ 22.63
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$ _____
FLOOD DEVELOPMENT FEE \$ _____ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ 25.00 **TOTAL FEE** 1280.26

INSPECTORS OFFICE COOCLERKS OFFICE CH

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

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

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

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

Columbia County Building Department Culvert Permit

Culvert Permit No.
000001880

DATE 03/25/2011 PARCEL ID # 18-5S-16-03642-107
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ADDRESS POB 815 LAKE CITY FL 32056
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LOCATION OF PROPERTY 47-S TO C-240,TR GO 3 MILES TO MEADOW VIEW S.D,TL AND IT'S
@ THE DEAD END ON R.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT MEADOW VIEW 7

SIGNATURE _____

INSTALLATION REQUIREMENTS



Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
 - b) the driveway to be served will be paved or formed with concrete.
- Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other _____

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED
DURING THE INSTALATION OF THE CULVERT.

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00





Land Surveyors
and Mappers

BRITT SURVEYING & ASSOCIATES

830 West Duval Street • Lake City, FL 32055
Phone (386) 752-7163 • Fax (386) 752-5573

OK
BLK
30 JUNE 2011

03/30/11

L-20842

To Whom It May Concern:

C/o: Bryan Zecher

Re: Lot 7 Meadow View

The elevation of the proposed construction is found to be 82.58 feet. The minimum floor elevation as per the Plat of Record is established to be 79.0 feet. The highest adjacent grade on the proposed building area is 81.6 feet and the lowest adjacent grade is 81.0 feet. There is a benchmark set in a power pole at the SE corner of the parcel whose elevation is 79.00 feet. The elevations are based on the same datum as the plat of record.

L. Scott Britt
PLS #5757

Permit #129273



**COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST REQUIREMENTS**

6-25-09

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

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

**ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current 2007
FLORIDA BUILDING CODES RESIDENTIAL EFFECTIVE 1 MARCH 2009 & 2009
SUPPLEMENTS EFFECTIVE 1 MARCH 2009. ALL PLANS OR DRAWINGS SHALL
PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND
SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE
STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE
STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY
DWELLINGS.**

**FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER
FIGURE R301.2(4) of the FLORIDA BUILDING CODES RESIDENTIAL (Florida Wind
speed map) SHALL BE USED.**

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH
ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE -----110 MPH
NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

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

Items to Include-
Each Box shall be
Circled as
Applicable

			Yes	No	N/A
1	Two (2) complete sets of plans containing the following:		☒		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void		☒		
3	Condition space (Sq. Ft.) 3426	Total (Sq. Ft.) under roof 4526	☒	☒	☒

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

Site Plan information including:

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

Wind-load Engineering Summary, calculations and any details required

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
8	Plans or specifications must show compliance with FBCR Chapter 3	IIII	IIII	IIII
		YES	NO	N/A
9	Basic wind speed (3-second gust), miles per hour	/		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	/		
11	Wind importance factor and nature of occupancy	/		
12	The applicable internal pressure coefficient, Components and Cladding	/		
13	The design wind pressure in terms of psf (kN/m ²), to be used for the design of exterior component, cladding materials not specially designed by the registered design professional.	/		

Elevations Drawing including:

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

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	/		
21	Raised floor surfaces located more than 30 inches above the floor or grade	/		
22	All exterior and interior shear walls indicated	/		
23	Shear wall opening shown (Windows, Doors and Garage doors)	/		
24	Show compliance with Section FBCR 310 Emergency escape and rescue opening shown in each bedroom (net clear opening shown) and Show compliance with Section FBCR 613.2 where the opening of an operable window is located more than 72 inches above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches above the finished floor of the room in which the window is located. Glazing between the floor and 24 inches shall be fixed or have openings through which a 4-inch-diameter sphere cannot pass.	/		
25	Safety glazing of glass where needed	/		
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FBCR)	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 322)			

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

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable
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FBCR 403: Foundation Plans

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	☒	☐	☐
30	All posts and/or column footing including size and reinforcing	☒	☐	☐
31	Any special support required by soil analysis such as piling.	☒	☐	☐
32	Assumed load-bearing value of soil <u>1000</u> Pound Per Square Foot	☒	☐	☐
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type) For structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an grounding electrode system. Per the National Electrical Code article 250.52.3	☒	☐	☐

FBCR 506: CONCRETE SLAB ON GRADE

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

FBCR 320: PROTECTION AGAINST TERMITES

36	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or Sub mit other approved termite protection methods. Protection shall be provided by registered termiticides	☒	☐	☐
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FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

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

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

Floor Framing System: First and/or second story

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer	☐	☐	☒
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or piers	☐	☐	☒
41	Girder type, size and spacing to load bearing walls, stem wall and/or piers	☐	☐	☒
42	Attachment of joist to girder	☐	☐	☒
43	Wind load requirements where applicable	☐	☐	☒
44	Show required under-floor crawl space	☐	☐	☒

45	Show required amount of ventilation opening for under-floor spaces			☒
46	Show required covering of ventilation opening			☒
47	Show the required access opening to access to under-floor spaces			☒
48	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & interior of the areas structural panel sheathing			☒
49	Show Draftstopping, Fire caulking and Fire blocking			☒
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 309			☒
51	Provide live and dead load rating of floor framing systems (psf).			☒

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

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

FBCR :ROOF SYSTEMS:

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

FBCR 802:Conventional Roof Framing Layout

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

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

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

FBCR ROOF ASSEMBLIES FRC Chapter 9

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

FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter 11 Residential buildings compliance methods. **Two of the required forms are to be submitted, N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.**

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
73	Show the insulation R value for the following areas of the structure	☒		
74	Attic space	☒		
75	Exterior wall cavity	☒		
76	Crawl space			☒

HVAC information

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

Plumbing Fixture layout shown

80	All fixtures waste water lines shall be shown on the foundation plan	☒		
81	Show the location of water heater	☒		

Private Potable Water

82	Pump motor horse power	☒		
83	Reservoir pressure tank gallon capacity	☒		
84	Rating of cycle stop valve if used	☒		

Electrical layout shown including

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

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

Notice Of Commencement

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

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable
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THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

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

98	Flood Information: All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations			
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established			
100	A development permit will also be required. Development permit cost is \$50.00			
101	Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.			
102	911 Address: If the project is located in an area where a 911 address has not been issued, then application for a 911 address must be applied for and received through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125			

Section R101.2.1 of the Florida Building Code Residential:

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

Section 105 of the Florida Building Code defines the:

Time limitation of application.

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

Single-family residential dwelling.

Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 working days of application therefor unless unusual circumstances require a longer time for processing the application or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws or ordinances.

Permit intent.

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

If work has commenced.

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

New Permit.

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

Work Shall Be:

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

The Fee:

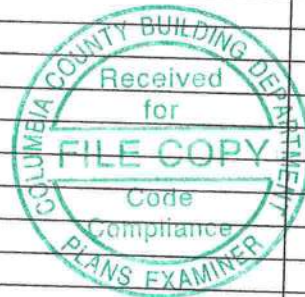
Section 105.4.1.4: The fee for renewal reissuance and extension of a permit shall be set forth by the administrative authority.

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

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 component 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	MASONIC FIBERGLASS/THERMATRU		FL 4668.1/88.3
B. SLIDING			
C. SECTIONAL			
D. ROLL UP			
E. AUTOMATIC			
F. OTHER			
2. WINDOWS			
A. SINGLE HUNG	VISION/VEATRA/PGT		SH FL 1378.3
B. HORIZONTAL SLIDER	VISION/VEATRA/PGT		PW FL 1385.3
C. CASEMENT			
D. DOUBLE HUNG			
E. FIXED	C/I		FL 681/FL 1385.3
F. AWNING			
G. PASS THROUGH			
H. PROJECTED			
I. MULLION			
J. WIND BREAKER			
K. DUAL ACTION			
L. OTHER			
3. PANEL WALL			
A. SIDING	HARDIPLANK		
B. SOFFITS	ASHLEY ALUMINUM		
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			
B. UNDERLAYMENTS	FELT		
C. ROOFING FASTENERS	NAILS		FL 1814
D. NON-STRUCTURAL METAL ROOFING			RDM 3378
E. WOOD SHINGLES AND SHAKES			
F. ROOFING TILES			
G. ROOFING INSULATION			
H. WATERPROOFING			
I. BUILT UP ROOFING ROOF SYSTEMS			
J. MODIFIED BITUMEN			
K. SINGLE PLY ROOF			



SYSTEMS			
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	N/A		
A. ACCORDION			
B. BAHAMA			
C. STORM PANELS			
D. COLONIAL			
E. ROLL-UP			
F. EQUIPMENT			
G. OTHERS			
6. SKYLIGHTS	N/A		
A. SKYLIGHT			
B. OTHER			
7. STRUCTURAL COMPONENTS	N/A		
A. WOOD CONNECTORS/ ANCHORS			
B. TRUSS PLATES			
C. ENGINEERED LUMBER			
D. RAILING			
E. COOLERS-FREEZERS			
F. CONCRETE ADMIXTURES			
G. MATERIAL			
H. INSULATION FORMS			
I. PLASTICS			
J. DECK-ROOF			
K. WALL			
L. SHEDS			
M. OTHER			
8. NEW EXTERIOR ENVELOPE PRODUCTS	N/A		
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.

NOTICE OF COMMENCEMENT

Tax Parcel Identification Number:

Clerk's Office Stamp

Inst: 201112004132 Date: 3/21/2011 Time: 9:44 AM
DC, P. DeWitt Cason, Columbia County Page 1 of 1 B: 1211 P: 1482

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

29273

1. Description of property (legal description): Lot 7 Meadow View S/D

a) Street (job) Address:

2. General description of improvements: New Home

3. Owner Information

a) Name and address: Lucinda Harrison 20249 259th Ter High Spc PC

b) Name and address of fee simple titleholder (if other than owner):

c) Interest in property:

4. Contractor Information

a) Name and address: Bryan Zeher Construction, Inc PO Box 815 LC, FL 32056

b) Telephone No.: 386-752-8653 Fax No. (Opt.):

5. Surety Information

a) Name and address: N/A

b) Amount of Bond:

c) Telephone No.: Fax No. (Opt.):

6. Lender

a) Name and address: N/A

b) Phone No.:

7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:

a) Name and address: N/A

b) Telephone No.: Fax No. (Opt.):

8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(l)(b), Florida Statutes:

a) Name and address:

b) Telephone No.: Fax No. (Opt.):

9. Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified):

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

STATE OF FLORIDA
COUNTY OF COLUMBIA

10.

Lucinda Harrison

Signature of Owner or Owner's Authorized Officer/Director/Partner/Manager

Lucinda Harrison

Printed Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 4 day of March, 2011, by:

as

(type of authority, e.g. officer, trustee, attorney

fact) for (name of party on behalf of whom instrument was executed).

Personally Known ☒ OR Produced Identification Type

Notary Signature Jean L. Fudge

Notary Stamp or Seal:



JEAN L. FUDGE
MY COMMISSION # DD 686700
EXPIRES: July 19, 2011
Bonded Thru Budget Notary Services

11. Verification pursuant to Section 92.525, Florida Statutes. Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 81

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

, Lake City, FL,

1. New construction or existing	New (From Plans)	9. Wall Types	Insulation	Area
2. Single family or multiple family	Single-family	a. Frame - Wood, Exterior	R=13.0	2745.00 ft ²
3. Number of units, if multiple family	1	b. Frame - Wood, Adjacent	R=13.0	666.00 ft ²
4. Number of Bedrooms	2	c. N/A	R=	ft ²
5. Is this a worst case?	No	d. N/A	R=	ft ²
6. Conditioned floor area (ft ²)	3426	10. Ceiling Types	Insulation	Area
7. Windows**	Description	a. Under Attic (Vented)	R=30.0	3426.00 ft ²
a. U-Factor:	Dbl, U=0.55	b. N/A	R=	ft ²
SHGC:	SHGC=0.60	c. N/A	R=	ft ²
b. U-Factor:	Gbl, default	11. Ducts		
SHGC:	Clear, default	a. Sup: Attic Ret: Attic AH: Garage Sup. R= 6, 685.2 ft ²		
c. U-Factor:	N/A	12. Cooling systems		
SHGC:		a. Central Unit	Cap: 66.0 kBtu/hr	
d. U-Factor:	N/A		SEER: 14	
SHGC:		13. Heating systems		
e. U-Factor:	N/A	a. Electric Heat Pump	Cap: 66.0 kBtu/hr	
SHGC:			HSPF: 7.7	
8. Floor Types	Insulation	Area		
a. Slab-On-Grade Edge Insulation	R=0.0	3426.00 ft ²		
b. N/A	R=	ft ²		
c. N/A	R=	ft ²		
		14. Hot water systems		
		a. Electric	Cap: 50 gallons	
			EF: 0.92	
		b. Conservation features		
		None		
		15. Credits		Pstat



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

Builder Signature: [Signature] Date: 3/2/11
Address of New Home: 594 Sw Meadow View Ct City/FL Zip: LC, FL 32024



*Note: The home's estimated Energy Performance Index is only available through the EnergyGauge USA - FlaRes2008 computer program. This is not a Building Energy Rating. If your Index is below 100, your home may qualify for incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at (321) 638-1492 or see the Energy Gauge web site at energygauge.com for information and a list of certified Raters. For information about Florida's Energy Efficiency Code for Building Construction, contact the Department of Community Affairs at (850) 487-1824.

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

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name: Harrison Residence
 Street:
 City, State, Zip: Lake City, FL,
 Owner: Lucinda Harrison
 Design Location: FL, Gainesville

Builder Name:
 Permit Office:
 Permit Number:
 Jurisdiction:

1. New construction or existing	New (From Plans)	
2. Single family or multiple family	Single-family	
3. Number of units, if multiple family	1	
4. Number of Bedrooms	2	
5. Is this a worst case?	No	
6. Conditioned floor area (ft ²)	3426	
7. Windows	Description	Area
a. U-Factor:	Dbl, U=0.55	518.67 ft ²
SHGC:	SHGC=0.60	
b. U-Factor:	Gbl, default	16.00 ft ²
SHGC:	Clear, default	
c. U-Factor:	N/A	ft ²
SHGC:		
d. U-Factor:	N/A	ft ²
SHGC:		
e. U-Factor:	N/A	ft ²
SHGC:		
8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	3426.00 ft ²
b. N/A	R=	ft ²
c. N/A	R=	ft ²

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	2745.00 ft ²
b. Frame - Wood, Adjacent	R=13.0	666.00 ft ²
c. N/A	R=	ft ²
d. N/A	R=	ft ²
10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	3426.00 ft ²
b. N/A	R=	ft ²
c. N/A	R=	ft ²
11. Ducts		
a. Sup: Attic Ret: Attic AH: Garage Sup. R= 6, 685.2 ft ²		
12. Cooling systems		
a. Central Unit	Cap: 66.0 kBtu/hr	SEER: 14
13. Heating systems		
a. Electric Heat Pump	Cap: 66.0 kBtu/hr	HSPF: 7.7
14. Hot water systems		
a. Electric	Cap: 50 gallons	EF: 0.92
b. Conservation features		
None		
15. Credits		Pstat

Glass/Floor Area: 0.156

Total As-Built Modified Loads: 48.98

Total Baseline Loads: 60.57

PASS

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

PREPARED BY: William D. MotesDATE: 02-25-11

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

OWNER/AGENT: [Signature]DATE: 2/2/11

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



BUILDING OFFICIAL: _____

DATE: _____

- Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with N1110.A.3.

PROJECT

Title:	Harrison Residence	Bedrooms:	2	Adress Type:	Lot Information
Building Type:	FLAsBuilt	Conditioned Area:	3426	Lot #	7
Owner:	Lucinda Harrison	Total Stories:	1	SubDivision:	Meadow View
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:		Rotate Angle:	0	Street:	
Permit Office:		Cross Ventilation:		County:	Columbia
Jurisdiction:		Whole House Fan:		City, State, Zip:	Lake City , FL ,
Family Type:	Single-family				
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

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

FLOORS

✓	#	Floor Type	Perimeter	R-Value	Area	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	357 ft	0	3426 ft²	0.5	0.45	0.05

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
_____	1	Hip	Composition shingles	4118 ft²	0 ft²	Medium	0.96	No	0	33.7 deg

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	3426 ft²	N	N

CEILING

✓	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	30	3426 ft²	0.11	Wood

WALLS

✓	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
_____	1	N	Exterior	Frame - Wood	13	426 ft²	0	0	0.75
_____	2	N	Exterior	Frame - Wood	13	81 ft²	0	0	0.75
_____	3	N	Exterior	Frame - Wood	13	249 ft²	0	0	0.75
_____	4	W	Exterior	Frame - Wood	13	312 ft²	0	0	0.75
_____	5	W	Exterior	Frame - Wood	13	90 ft²	0	0	0.75
_____	6	W	Exterior	Frame - Wood	13	237 ft²	0	0	0.75
_____	7	S	Exterior	Frame - Wood	13	357 ft²	0	0	0.75
_____	8	S	Exterior	Frame - Wood	13	201 ft²	0	0.23	0.75
_____	9	E	Exterior	Frame - Wood	13	86.25 ft²	0	0	0.75

WALLS

✓	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
_____	10	E	Exterior	Frame - Wood	13	337.5 ft²	0	0	0.75
_____	11	E	Exterior	Frame - Wood	13	126 ft²	0	0	0.75
_____	12	S	Exterior	Frame - Wood	13	74.25 ft²	0	0	0.75
_____	13	S	Exterior	Frame - Wood	13	72 ft²	0	0	0.75
_____	14	W	Garage	Frame - Wood	13	87 ft²	0	0	0.01
_____	15	S	Garage	Frame - Wood	13	297 ft²		0.23	0.01
_____	16	E	Garage	Frame - Wood	13	210 ft²	0	0	0.01
_____	17	N	Garage	Frame - Wood	13	72 ft²	0	0	0.01
_____	18	E	Exterior	Frame - Wood	13	48 ft²	0	0	0.75
_____	19	W	Exterior	Frame - Wood	13	48 ft²	0	0	0.75

DOORS

✓	#	Ornt	Door Type	Storms	U-Value	Area
_____	1	E	Insulated	None	0.460000	27.5 ft²
_____	2	W	Insulated	None	0.460000	30 ft²
_____	3	N	Insulated	None	0.460000	30 ft²
_____	4	N	Insulated	None	0.460000	15 ft²
_____	5	W	Insulated	None	0.460000	13.33333

WINDOWS

Orientation shown is the entered, asBuilt orientation.

✓	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang		Int Shade	Screening
										Depth	Separation		
_____	1	E	Vinyl	Double (Tinted)	Yes	0.55	0.6	N	42.25 ft²	1 ft 6 in	1 ft 6 in	HERS 2006	None
_____	2	E	Vinyl	Double (Tinted)	Yes	0.55	0.6	N	84.5 ft²	8 ft 3 in	1 ft 6 in	HERS 2006	None
_____	3	E	Vinyl	Double (Tinted)	Yes	0.55	0.6	N	42.25 ft²	1 ft 6 in	1 ft 6 in	HERS 2006	None
_____	4	E	Vinyl	Double (Tinted)	Yes	0.55	0.6	N	15 ft²	1 ft 6 in	1 ft 6 in	HERS 2006	None
_____	5	E	None	Glazed Block	No	0.6	0.6	N	16 ft²	1 ft 6 in	1 ft 6 in	HERS 2006	None
_____	6	E	Vinyl	Double (Tinted)	Yes	0.55	0.6	N	18 ft²	1 ft 6 in	1 ft 6 in	HERS 2006	None
_____	7	W	Vinyl	Double (Tinted)	Yes	0.55	0.6	N	45 ft²	8 ft 0 in	1 ft 6 in	HERS 2006	None
_____	8	W	Vinyl	Double (Tinted)	Yes	0.55	0.6	N	30 ft²	1 ft 6 in	1 ft 6 in	HERS 2006	None
_____	9	N	Vinyl	Double (Tinted)	Yes	0.55	0.6	N	36 ft²	1 ft 6 in	1 ft 6 in	HERS 2006	None
_____	10	W	Vinyl	Double (Tinted)	Yes	0.55	0.6	N	66.66666	1 ft 6 in	1 ft 6 in	HERS 2006	None
_____	11	W	Vinyl	Double (Tinted)	Yes	0.55	0.6	N	33.33333	1 ft 6 in	1 ft 6 in	HERS 2006	None
_____	12	S	Vinyl	Double (Tinted)	Yes	0.55	0.6	N	60 ft²	1 ft 6 in	1 ft 6 in	HERS 2006	None
_____	13	S	Vinyl	Double (Tinted)	Yes	0.55	0.6	N	10 ft²	1 ft 6 in	1 ft 6 in	HERS 2006	None
_____	14	S	Vinyl	Double (Tinted)	Yes	0.55	0.6	N	5.333333	1 ft 6 in	1 ft 6 in	HERS 2006	None
_____	15	S	Vinyl	Double (Tinted)	Yes	0.55	0.6	N	21 ft²	1 ft 6 in	1 ft 6 in	HERS 2006	None
_____	16	S	Vinyl	Double (Tinted)	Yes	0.55	0.6	N	9.333333	1 ft 6 in	1 ft 6 in	HERS 2006	None

INFILTRATION & VENTING										
✓	Method	SLA	CFM 50	ACH 50	ELA	EqLA	--- Forced Ventilation --- Supply CFM Exhaust CFM		Run Time Fraction	Fan Watts
___	Default	0.00036	3235	6.30	177.6	334.0	0 cfm	0 cfm	0	0

GARAGE						
✓	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
___	1	772.2 ft²	772.2 ft²	64 ft	9 ft	(invalid)

COOLING SYSTEM								
✓	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ducts
___	1	Central Unit	None	SEER: 14	66 kBtu/hr	1980 cfm	0.75	sys#1

HEATING SYSTEM						
✓	#	System Type	Subtype	Efficiency	Capacity	Ducts
___	1	Electric Heat Pump	None	HSPF: 7.7	66 kBtu/hr	sys#1

HOT WATER SYSTEM							
✓	#	System Type	EF	Cap	Use	SetPnt	Conservation
___	1	Electric	0.92	50 gal	50 gal	120 deg	None

SOLAR HOT WATER SYSTEM							
✓	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
___	None	None			ft²		

DUCTS												
✓	#	--- Supply ---			--- Return ---		Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
		Location	R-Value	Area	Location	Area						
___	1	Attic	6	685.2 ft	Attic	171.3 ft	Default Leakage	Garage	(Default)	(Default) %		

TEMPERATURES

Programable Thermostat: Y

Ceiling Fans:

Cooling	☒ Jan	☒ Feb	☒ Mar	☒ Apr	☒ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☒ Oct	☒ Nov	☒ Dec
Heating	☒ Jan	☒ Feb	☒ Mar	☒ Apr	☒ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☒ Oct	☒ Nov	☒ Dec
Venting	☒ Jan	☒ Feb	☒ Mar	☒ Apr	☒ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☒ Oct	☒ Nov	☒ Dec

Thermostat Schedule: HERS 2006 Reference

Schedule Type		Hours											
		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66
Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66

Revised

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER

29273

CONTRACTOR

Bryan ZECHE

PHONE

752.7653

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

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

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

ELECTRICAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
MECHANICAL/ A/C	Print Name _____ License #: _____	Signature _____ Phone #: _____
PLUMBING/ GAS 1081	Print Name <u>Wolfe Plumbing</u> License #: <u>CFC051621</u>	Signature <u>[Signature]</u> Phone #: <u>386-835-0612</u>
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Scott R. Wolfe

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

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

Contractor Form: Subcontractor Form: W/09

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lake City, FL	PERMIT #:
---------------------------	-----------

INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

Revised

SUBCONTRACTOR VERIFICATION FORM

A: NUMBER 29273 CONTRACTOR Bryan Lecher PHONE 752-8653

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

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

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

ELECTRICAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
✓ MECHANICAL/ A/C <u>487</u>	Print Name _____ License #: <u>CACO 51486</u>	Signature <u>W B Law</u> Phone #: <u>886-867-0431</u>
PLUMBING/ GAS	Print Name _____ License #: _____	Signature _____ Phone #: _____
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

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

"Perished"

SUBCONTRACTOR VERIFICATION FORM

AI NUMBER 29273 CONTRACTOR Bryan Zeelen PHONE 752-6565

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

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

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

ELECTRICAL <u>205</u>	Print Name <u>Henry Moore</u> License #: <u>ER 0000691</u>	Signature <u>[Signature]</u> Phone #: <u>386-752-6565</u>
MECHANICAL/A/C	Print Name _____ License #: _____	Signature _____ Phone #: _____
PLUMBING/GAS	Print Name _____ License #: _____	Signature _____ Phone #: _____
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

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

COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND ZONING OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 18-5S-16-03642-107

Building permit No. 000029273

Use Classification SFD/UTILITY

Fire: 70.62

Permit Holder BRYAN ZECHER

Waste: 184.25

Owner of Building LUCINDA HARRISON

Total: 254.87

Location: 594 SW MEADOW VIEW CT, LAKE CITY, FL 32024

Date: 11/10/2011

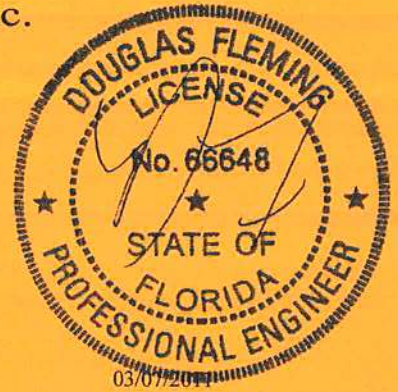


[Signature]
Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID: IUA1487-Z0107161834



Truss Fabricator: Anderson Truss Company
Job Identification: 11-041--Fill in later BRYAN ZECHER/HARRISON -- , **
Truss Count: 92
Model Code: Florida Building Code 2007 and 2009 Supplement
Truss Criteria: FBC2007Res/TPI-2002(STD)
Engineering Software: Alpine Software, Version 9.05.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-05 -Closed

1103-06

Notes:

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

Douglas M. Fleming
-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

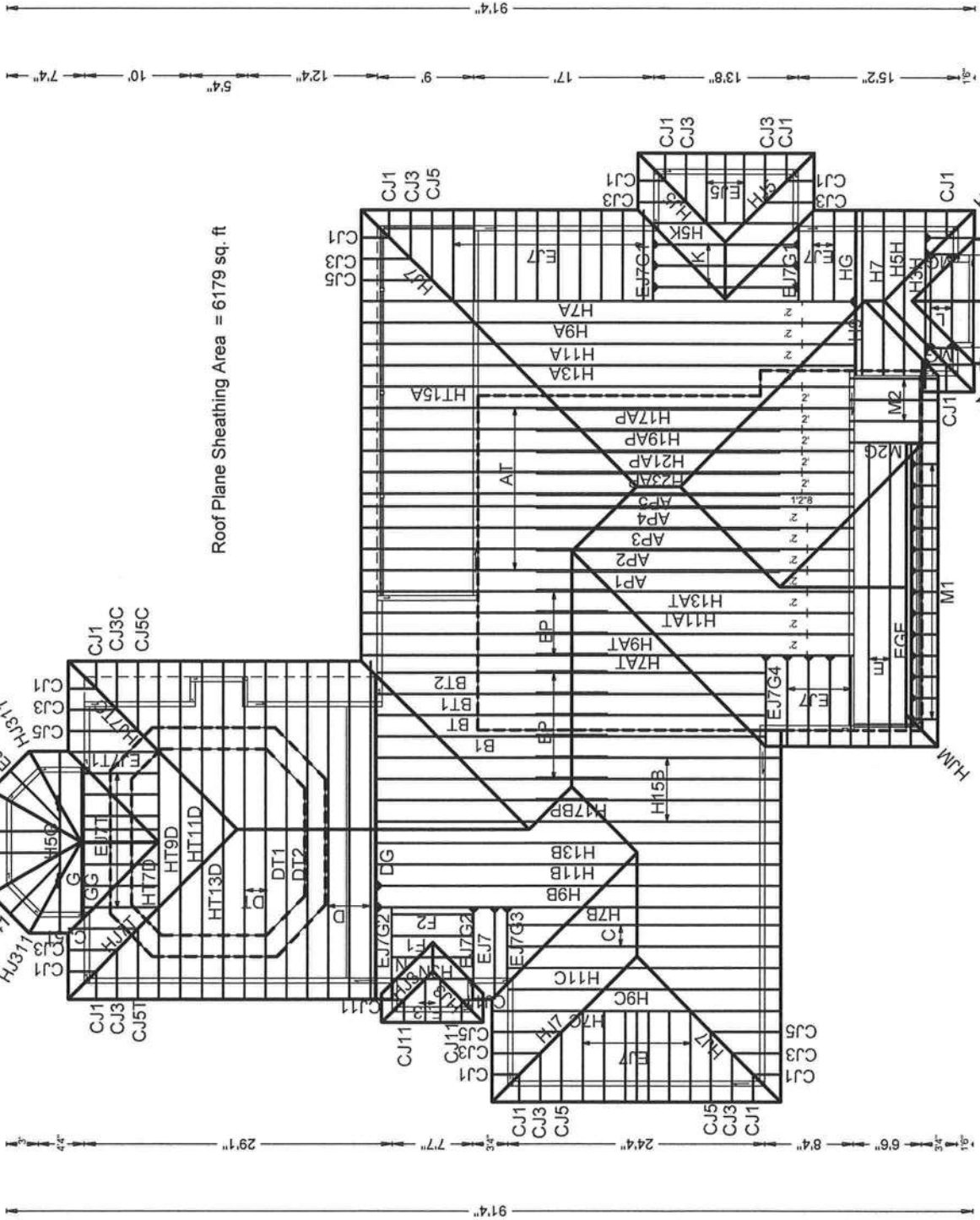
Details: C>NNAILSP-BRCLBSUB-A1101505-GBLLETIN-

#	Ref	Description	Drawing#	Date
1	89685--H7A		11066080	03/07/11
2	89686--H9A		11066001	03/07/11
3	89687--H13A		11066002	03/07/11
4	89688--H11A		11066003	03/07/11
5	89689--H7AT		11066086	03/07/11
6	89690--H9AT		11066004	03/07/11
7	89691--H11AT		11066005	03/07/11
8	89692--H13AT		11066006	03/07/11
9	89693--AT		11066007	03/07/11
10	89694--HT15A		11066008	03/07/11
11	89695--H7B		11066087	03/07/11
12	89696--H9B		11066009	03/07/11
13	89697--H11B		11066010	03/07/11
14	89698--H13B		11066011	03/07/11
15	89699--H15B		11066012	03/07/11
16	89700--B1		11066013	03/07/11
17	89701--BT		11066014	03/07/11
18	89702--BT1		11066015	03/07/11
19	89703--BT2		11066016	03/07/11
20	89704--H7C		11066088	03/07/11
21	89705--H9C		11066017	03/07/11
22	89706--H11C		11066018	03/07/11
23	89707--C		11066019	03/07/11
24	89708--D		11066020	03/07/11
25	89709--DG		11066089	03/07/11
26	89710--DT2		11066021	03/07/11
27	89711--DT1		11066022	03/07/11
28	89712--DT		11066023	03/07/11
29	89713--HT7D		11066090	03/07/11
30	89714--HT13D		11066050	03/07/11
31	89715--HT11D		11066051	03/07/11
32	89716--HT9D		11066052	03/07/11
33	89717--E		11066053	03/07/11
34	89718--EGE		11066091	03/07/11
35	89719--F1		11066054	03/07/11
36	89720--F2		11066078	03/07/11
37	89721--H5G		11066081	03/07/11
38	89722--G		11066077	03/07/11

#	Ref	Description	Drawing#	Date
39	89723--GG		11066082	03/07/11
40	89724--H3H		11066092	03/07/11
41	89725--H5H		11066072	03/07/11
42	89726--H7		11066073	03/07/11
43	89727--H9		11066074	03/07/11
44	89728--HG		11066084	03/07/11
45	89729--EJ7		11066057	03/07/11
46	89730--CJ5		11066058	03/07/11
47	89731--CJ3		11066059	03/07/11
48	89732--CJ1		11066060	03/07/11
49	89733--HJ7		11066061	03/07/11
50	89734--CJ11		11066062	03/07/11
51	89735--EJ3		11066063	03/07/11
52	89736--HJ3		11066064	03/07/11
53	89737--M1		11066029	03/07/11
54	89738--HJM		11066030	03/07/11
55	89739--HJ1		11066031	03/07/11
56	89740--HJ5		11066032	03/07/11
57	89741--EJ5		11066033	03/07/11
58	89742--EJ41		11066034	03/07/11
59	89743--HJ58		11066035	03/07/11
60	89744--HJ311		11066036	03/07/11
61	89745--CJ5T		11066037	03/07/11
62	89746--EJ7T		11066024	03/07/11
63	89747--CJ3C		11066025	03/07/11
64	89748--CJ5C		11066026	03/07/11
65	89749--HJ7TC		11066027	03/07/11
66	89750--HJ7T		11066028	03/07/11
67	89751--EJ7G1		11066075	03/07/11
68	89752--EJ7G2		11066085	03/07/11
69	89753--EJ7G3		11066065	03/07/11
70	89754--EJ7G4		11066066	03/07/11
71	89755--EJ7T1		11066067	03/07/11
72	89756--H5K		11066068	03/07/11
73	89757--K		11066069	03/07/11
74	89758--LGE		11066070	03/07/11
75	89759--L		11066055	03/07/11
76	89760--HJM		11066056	03/07/11

#	Ref	Description	Drawing#	Date
77	89761--MG		11066083	03/07/11
78	89762--M2		11066071	03/07/11
79	89763--M2G		11066079	03/07/11
80	89764--H3N		11066076	03/07/11
81	89765--N		11066038	03/07/11
82	89766--BP		11066039	03/07/11
83	89767--H17BP		11066040	03/07/11
84	89768--AP1		11066041	03/07/11
85	89769--AP2		11066042	03/07/11
86	89770--AP3		11066043	03/07/11
87	89771--AP4		11066044	03/07/11
88	89772--AP5		11066045	03/07/11
89	89773--H23AP		11066046	03/07/11
90	89774--H21AP		11066047	03/07/11
91	89775--H19AP		11066048	03/07/11
92	89776--H17AP		11066049	03/07/11





Roof Plane Sheathing Area = 6179 sq. ft

BRYAN ZECHER/ HARRISON

JOB DESCRIPTION: Fill in later
/ : BRYAN ZECHER/HARRISON

JOB NO:
11-041

PAGE NO:

(11-041--Fill in later BRYAN ZECHE/HARRISON --, ** - H7A)

Top chord 2x6 SP #2 : T1 2x4 SP #2 Dense:
T2 2x6 SP #1 Dense:
Bot chord 2x6 SP SS : B2 2x6 SP #1 Dense:
B3 2x6 SP #2:
Webs 2x4 SP #3 : W4, W6, W14 2x4 SP #2 Dense:

Brg blocks: 0.131"x3" nails
brg x-loc #blocks length/blk #nails/blk wall plate
2 9.000' 1 12" 15
Brg block to be same size and species as bottom chord.
Refer to drawing CNAILSP0109 for more information.

Negative reaction(s) of -952# MAX. (See below) from a non-wind load
case requires uplift connection.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf. 1w=1.00 GCpl(+/-)-0.18

Wind reactions based on MWFRS pressures.

(A) 2x6 #3 or better "T" brace. 80% length of web member. Attach with
16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

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

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

Special loads
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 64 plf at -1.50 to 64 plf at 7.00
TC- From 64 plf at 7.00 to 64 plf at 45.00
BC- From 5 plf at -1.50 to 5 plf at 0.00
BC- From 20 plf at 0.00 to 20 plf at 45.00
TC- 446.34 lb Conc. Load at 7.03
TC- 192.86 lb Conc. Load at 9.06, 11.06, 13.06, 15.06
17.06, 19.06, 21.06, 23.06, 25.06, 41.06, 43.06
BC- 511.85 lb Conc. Load at 7.03
BC- 130.63 lb Conc. Load at 11.06, 13.06, 15.06, 17.06
19.06, 21.06, 23.06, 25.06, 41.06, 43.06
BC- 1154.27 lb Conc. Load at 25.94, 39.73

(**) 1 plate(s) require special positioning. Refer to scaled plate
plot details for special positioning requirements.

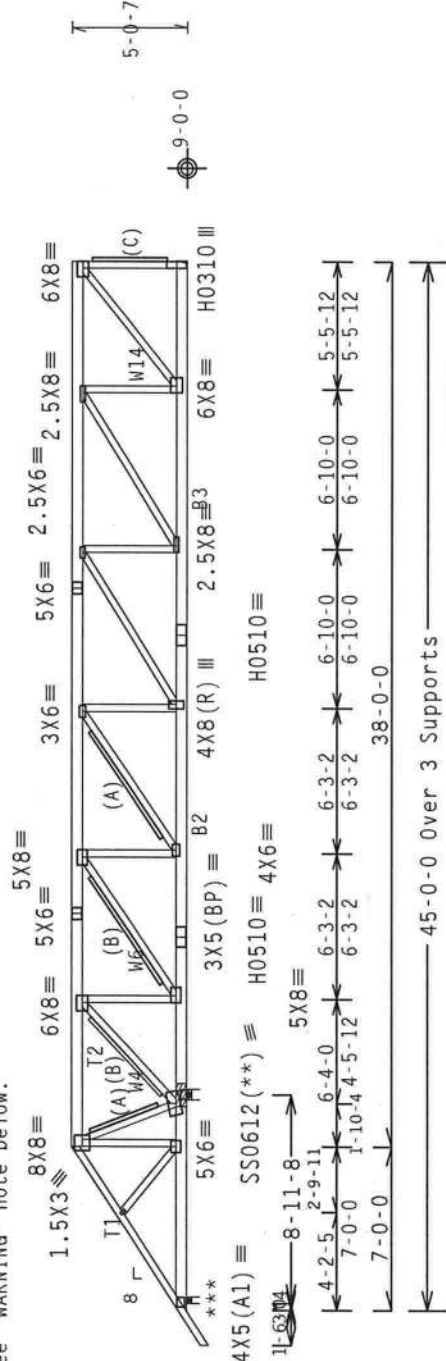
Right end vertical not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load.

(C) 2x4 #3 or better "T" brace. 80% length of web member. Attach with
16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

(B) 2x8 #3 or better "T" brace. 80% length of web member. Attach with
16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

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



R=-952 Rw=120 U=0 W=3.5"
R=7700 U=1029 W=5.5"

PLT TYP. 20 Gauge HS.18 Gauge HS, Design Crit: FBC2007Res/TPI-2002 (S/D)
Wave FT/RT=10% (0%) / 0 (0) Scale = .125"/Ft.

ALPINE
Haines City, FL 33844
FL COA #0278

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety) Information, by TPI and BCSI. Safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design. Any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, bracing of trusses. Apply plates to each face of truss and position as shown above and on the details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A seal of responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the user. For more information, contact ITWBCG. This job is not to be used for any other project without the written consent of ITWBCG.
general notes page: TPI-BCSI: www.tpiinc.com; TPI: www.tpinet.org; BCSI: www.bcsiindustry.com; ICC: www.iccsafe.org

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER
03/07/2011

TC LL	20.0 PSF	FL/-/4/-/-/R/-	Scale = .125"/Ft.
TC DL	10.0 PSF		REF R487-- 89685
BC DL	10.0 PSF		DATE 03/07/11
BC LL	0.0 PSF		DRW HCUSR487 11066080
TOT.LD.	40.0 PSF		HC-ENG KD/DF
DUR.FAC.	1.25		SEQN- 188193
SPACING	24.0"		JREF- 1UA1487_Z01

Top	chord	2x4	SP #2	Dense	: T5	2x6	SP #2:		Dense:
8ot	chord	2x4	SP #2	Dense	: B3,	B4	2x6	SP #1	
	webs	2x4	SP #3	: W9,	W14,	W17	2x4	SP #2	Dense:

111110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1w=1.00 GCpf(+/-)-0.18

Wind reactions based on MWFRS pressures.

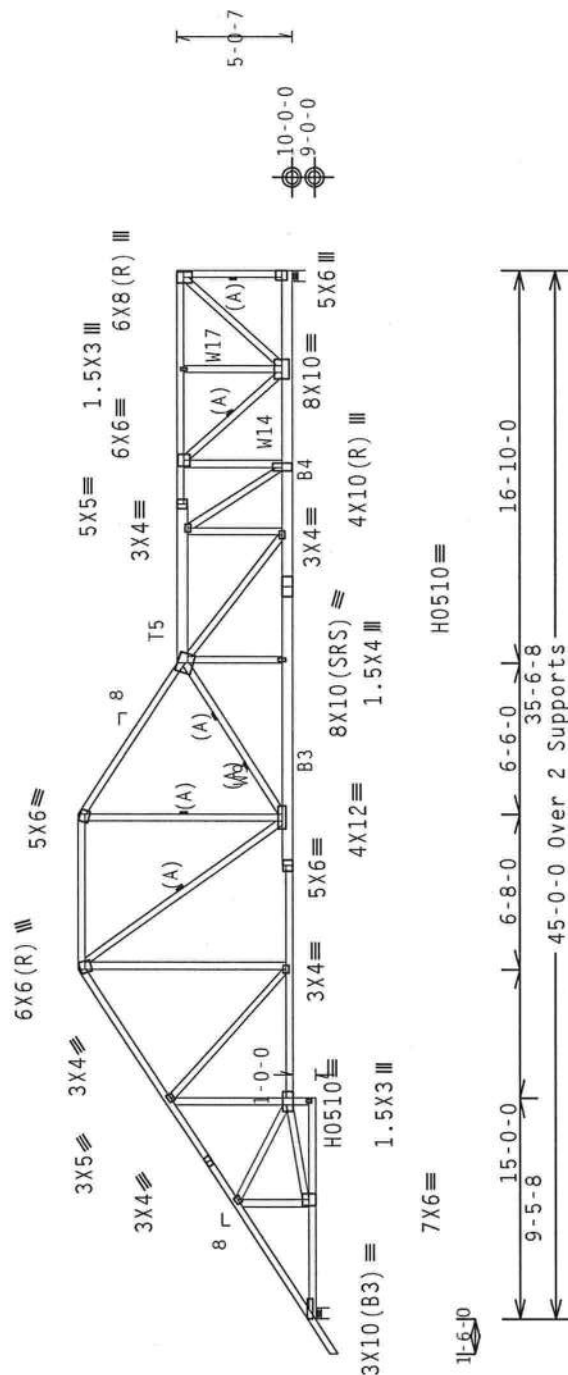
Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.12" due to live load and 0.13" due to dead load.

(A) Continuous lateral bracing equally spaced on member.

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

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



R-2437 U-211 W-5.5"

PLT TYP.: 20 Gauge HS.Wave

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

Scale = .125"/Ft.

R487-- 89689

DATE 03/07/11

11/10/2011 11:00

ORW HCUSR487 11066086

IC-ENG JB/DF

EQN- 187876

11141497 701

REF ID: A1487201

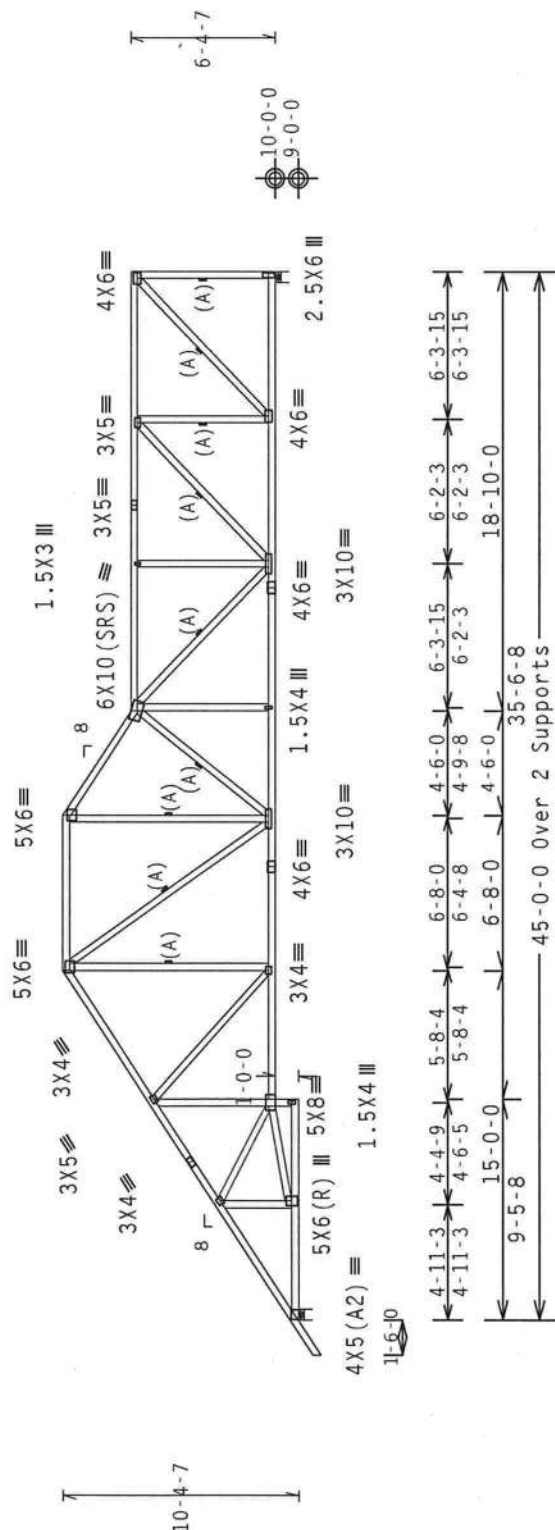
1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpf (+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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



R-2002 U=0 W=5.5"
RL=195/-162

U=103 W=5.5"

PLT TYP. Wave

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

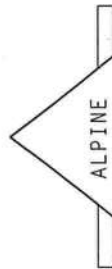
TY:1 FL/-/4/-/-/R/- Scale = .125"/Ft.

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

[illegible][illegible]

TC LL	20.0 PSF	REF R487--	89690
TC DL	10.0 PSF	DATE	03/07/11
BC DL	10.0 PSF	DRW	HCU8487 11066004
BC LL	0.0 PSF	HC-ENG	KD/DF
TOT.LD.	40.0 PSF	SEQN-	187881
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UA1487_Z01

03/07/2011



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

(11-041--Fill in later BRYAN ZECHER/HARRISON -- ** - H11AT)

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpl(+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

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

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

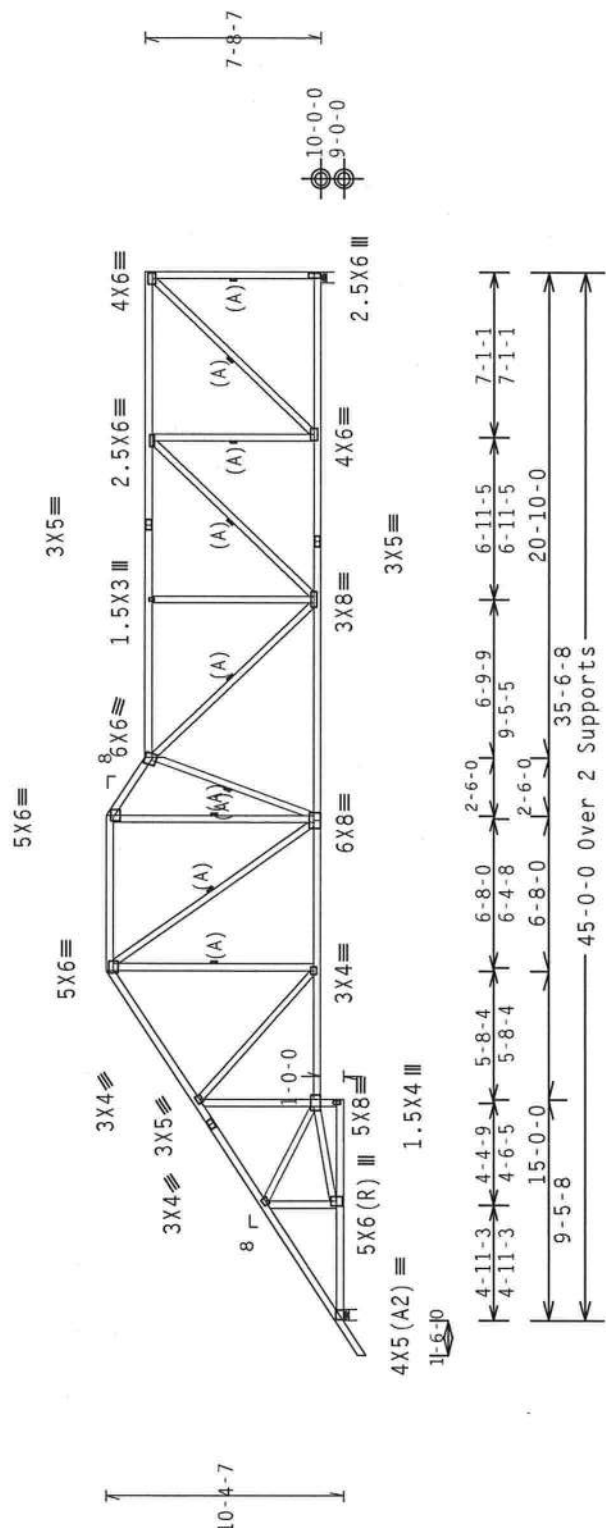
MWFRS loads based on trusses located at least 30.00 ft. from roof edge.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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



R=2002 U=0 W=5.5"
RL=183/-142

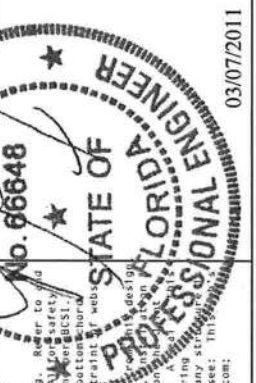
883 U=128 W=5.5"

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (0.00)
FT/RT=10%(0%/0/0/0)

QTY:1 FL/-4/-/-R/- Scale =.125"/Ft.

TC LL	20.0 PSF	REF	R487-- 89691
TC DL	10.0 PSF	DATE	03/07/11
BC DL	10.0 PSF	DRW	HCUSR487 11066005
BC LL	0.0 PSF	HC-ENG	KD/DF *
TOT.LD.	40.0 PSF	SEQN	187890
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1UA1487_Z01



WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI Building Component Safety Information, by TPI and ICC for safety practices prior to performing these functions. Installers shall provide temporary bracing and bottom chord bracing. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviations from the design of trusses. Apply plates to each face of truss and position as shown above and on the details, unless noted otherwise. Refer to drawings 1004-2 for standard plate positions. A truss shall be installed in accordance with the design shown. The installer shall use the design information and the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: the general notes page: ITW-BCG; www.itwbcg.com; TPI: www.tpinet.org; NICA: www.sbciindustry.com; ICC: www.iccsafe.org

ALPINE

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

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

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpf (+/-)=-0.18

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

Right end vertical not exposed to wind pressure.

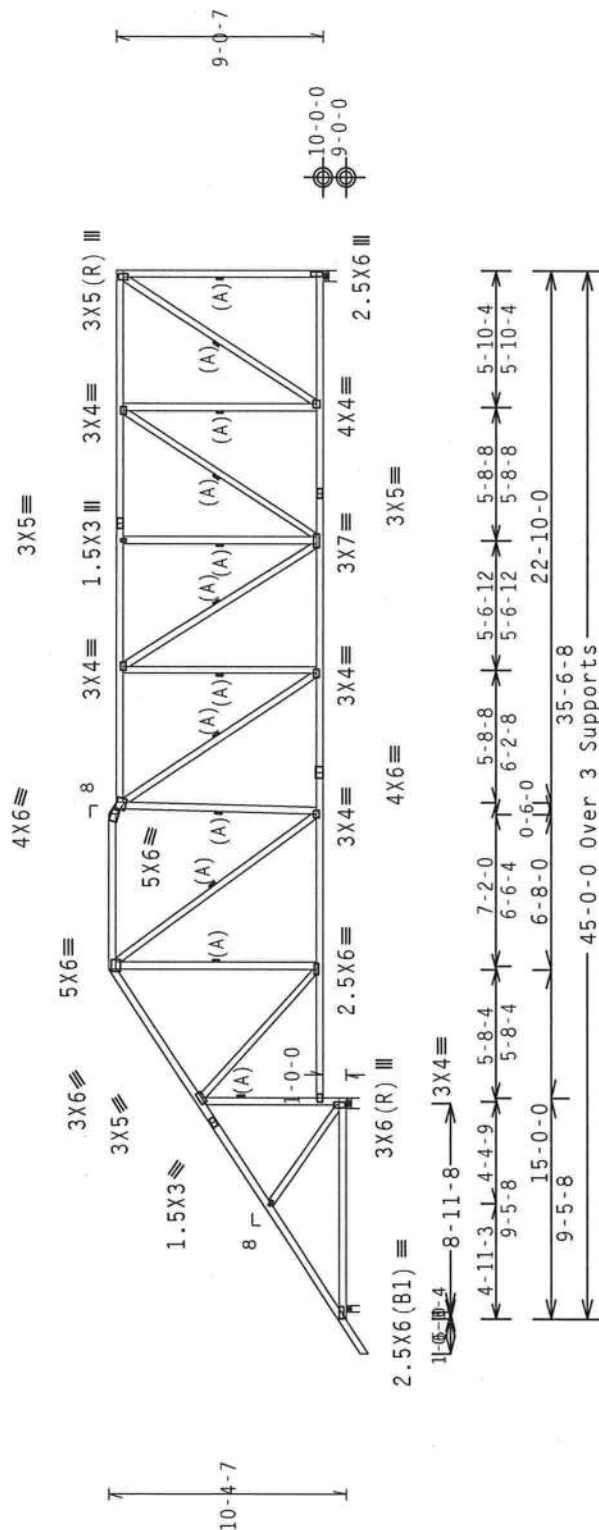
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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

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

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.



R-332 U-0 W-3.5"

RL=172/-121 R=2094 U=126 W=5.5"

1460 U-127 W-5.5"

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (0.0%)
FT/RT=10%(0%) / 0(0%)

OTY:1 FL/-/4/-/-/R/- Scale = .125"/Ft.

TC LL	20.0	PSF	REF	R487--	89692
TC DL	10.0	PSF	DATE	03/07/11	
BC DL	10.0	PSF	DRW	HCUSR487	11066006
BC LL	0.0	PSF	HC-ENG	KD/DF	
TOT.LD.	40.0	PSF	SEQN-	187897	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1UA1487_Z01	



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

(11-041--Fill in later BRYAN ZECHER/HARRISON --, ** - AT)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W2 2x4 SP #1:

Roof overhang supports 2.00 psf soffit load.

(A) 1x4 #3SR8 SPF-S or better "T" brace. 80% length of web member.
Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. LW=1.00 GCpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

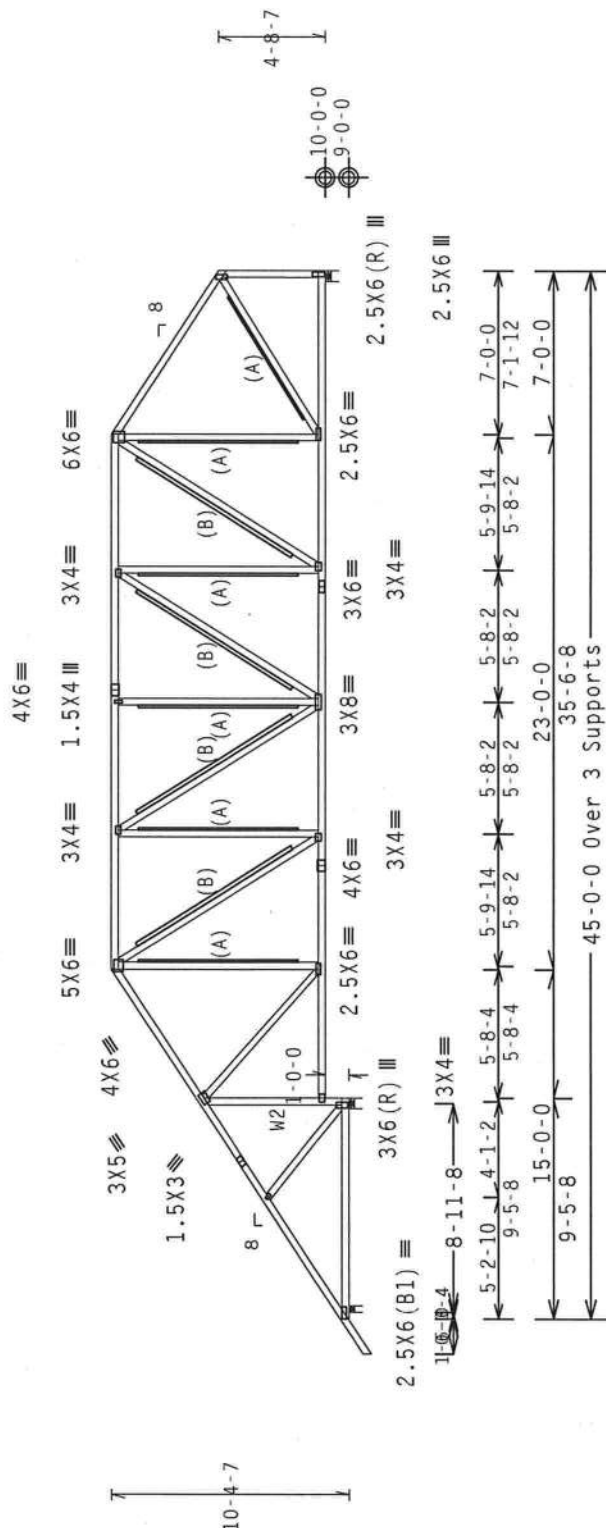
Right end vertical not exposed to wind pressure.

(B) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

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

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

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.



R=336 U=0 W=3.5" R=2336 U=100 W=5.5"
RL=210/-188

PLT TYP. Wave	Design Crit: FBC2007Res/TPI-2002 (S) FT/RT=10%(0%)/0(0%)	QTY: 9	FL/-4/-1-R/-	Scale =.125"/Ft.
ALPINE	trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI Building Component Safety Information, by TPI and BCSI, for safety practices prior to performing these functions. Installers shall provide temporary bracing for BCSI unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing of web shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.	TC LL	20.0 PSF	REF R487-- 89693
	any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installation or bracing of trusses. Apply plates to each face of truss and position as shown above and below the truss. The responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: general notes page: ITN-BGS: www.tnbcg.com; TPI: www.tpinet.org; NICA: www.sbctndustry.com	TC DL	10.0 PSF	DATE 03/07/11
		BC DL	10.0 PSF	DRW HCUSR487 11066007
		BC LL	0.0 PSF	HC-ENG KD/DF
		TOT.LD.	40.0 PSF	SEQN- 187906
		DUR.FAC.	1.25	
		SPACING	24.0"	JREF- 1UA1487_Z01



(11-041--Fill in later BRYAN ZECHER/HARRISON --, ** - HT15A)

Top	chord	2x4	SP	#2	Dense
30t	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	

111110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. IW=1.00 GCp1 (+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

Right end vertical not exposed to wind pressure.

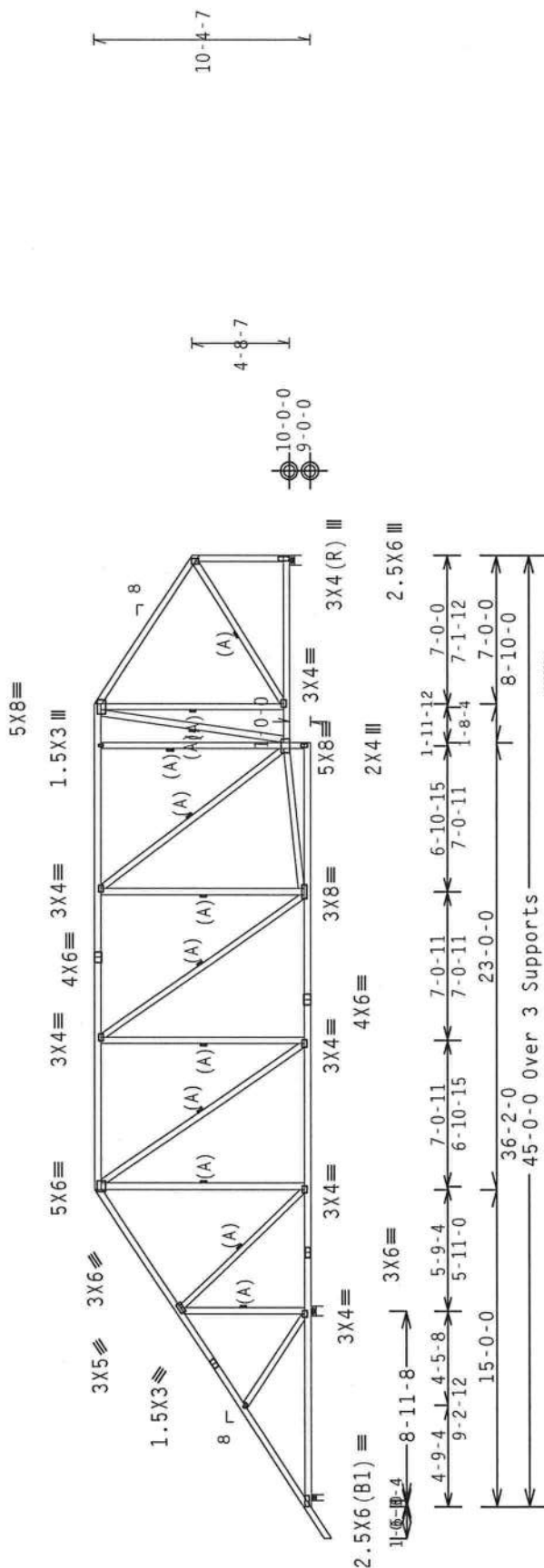
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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

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

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.



R-400 U=0 W=3.5"
RL-210/-188

J-0 W-5.5"

PLT TYP. Wave

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

Scale = .125"/Ft.

TC LL	20.0 PSF	REF R487 - - 89694
TC DL	10.0 PSF	DATE 03/07/11
BC DL	10.0 PSF	DRW HCUSR487 11066008
BC LL	0.0 PSF	HC-ENG KD/DF
TOT.LD.	40.0 PSF	SEQN- 187925
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UA1487_Z01

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI Building Component Safety Manual, by F. L. Wilson, for details on the proper bracing of trusses. Trusses shall be braced in all directions to prevent movement. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral resistance shall have bracing attached over BCS1 sections B3, B7 or B10, as applicable.

[illegible]

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

Top chord	2x4	SP #2	Dense
Bot chord	2x6	SP #1	Dense
			:B2 2x6 SP #2:

W4, W13 2x4 SP #2 Dense:

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

Wind reactions based on MWFRS pressures.

Left end vertical not exposed to wind pressure.

	Max JT VERT DEFL:	LL: 0.32"	DL: 0.33"	recommended camber	5/8"
--	-------------------	-----------	-----------	--------------------	------

(A) Continuous lateral bracing equally spaced on member.

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

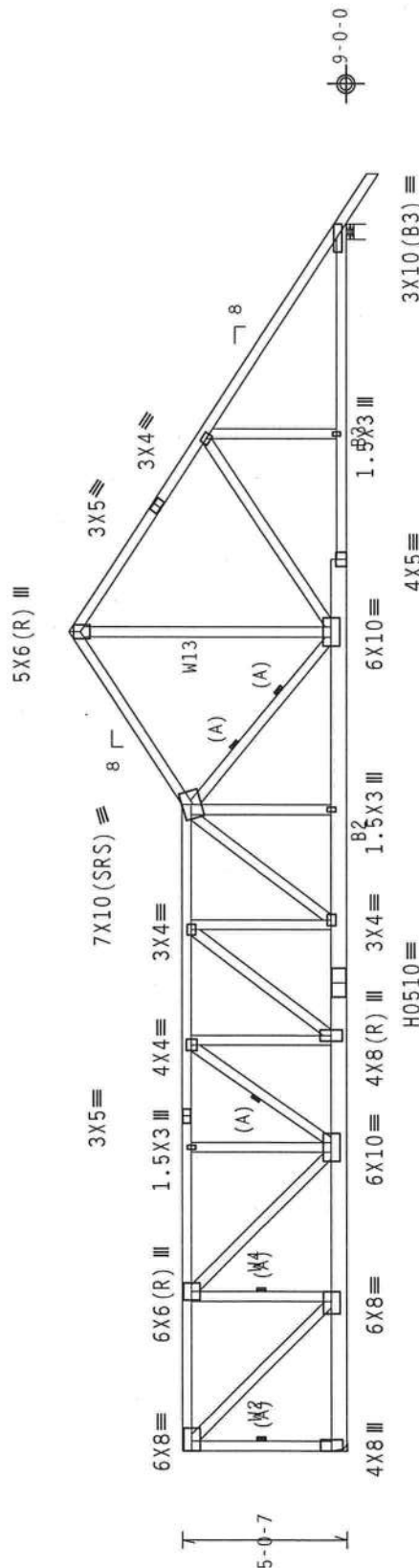
Special loads

	(Lumber	Dur.	Fac.=1.25 /	Plate	Dur.	Fac.=1.25)
TC-From	64 pif at 0.00 to	64 pif at	19.33			
TC-From	64 pif at 19.33 to	64 pif at	24.50			
TC-From	64 pif at 24.50 to	64 pif at	38.17			
BC-From	20 pif at 0.00 to	20 pif at	36.67			
BC-From	5 pif at 36.67 to	5 pif at	38.17			
BC-728.67 lb Conc.	Load at 1.35,		9.06			
BC-130.63 lb Conc.	Load at 11.06					
BC-1802.28 lb Conc.	Load at 12.27					

Roof overhang supports 2.00 psf soffit load.

(H1) - (J) Hanger not calculated (2)2x6 SP #1 Dense supporting member.

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



11-6-0

12-2-0

1-5-2-0

19-4-0

336-8-0 Over 2 Supports-

R=4069 U=382
H=H1

R=2506 I=258 W=5 5"

PLT TYP. 20 Gauge HS. Wave

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

QTY:1 FL/-/4/-/-/R/-

Scale = .1875"/Ft.

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

****IMPORTANT****

TC	DL	10.0	PSF	DATE	03/07/11
BC	DL	10.0	PSF	DRW	HCUSR487 11066087
BC	LL	0.0	PSF	HC-ENG	JB/DF
TOT.	LD.	40.0	PSF	SEQN-	187647
DUR.	FAC.	1.25			
SPACING	24.0"			JREF-	1UA1487 Z01

03/07/2011

REF- 1UA1487 201

For more information about the responsibility of the building designer, see www.tbubcg.com.
General notes page: ITN-BG6; www.tbubcg.com; IPI: www.tpinst.org; MTCA: www.sbcindustry.com.

Haines City, FL 33844

(11-041--Fill in later BRYAN ZECHER/HARRISON -- , ** - H9B)

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

Left end vertical not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load.

(H1) = (J) Hanger not calculated (2)2x6 SP #1 Dense supporting member.

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

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

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

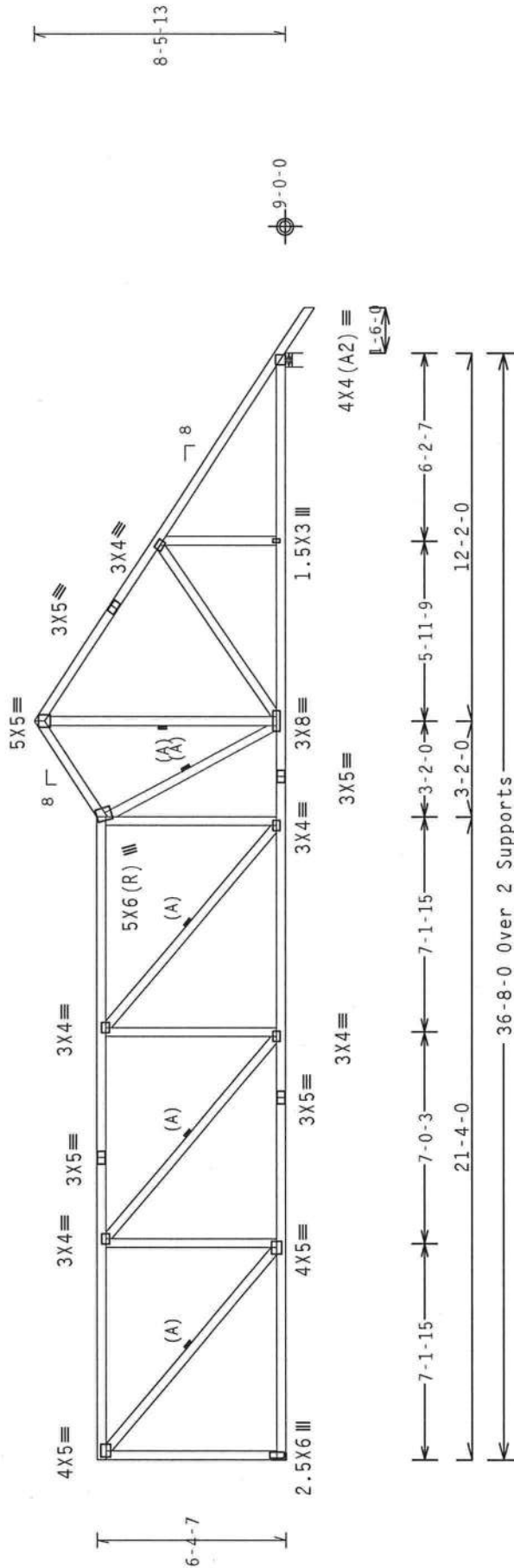
Wind reactions based on MWFRS pressures.

Max JT VERT DEFL: LL: 0.13" DL: 0.14" recommended camber 1/4"

(A) Continuous lateral bracing equally spaced on member.

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

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.



R=1653 U=8 W=5.5"

R=1532 U=125
RL=125/-156
H=H1

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

PLT TYP. Wave ALPINE

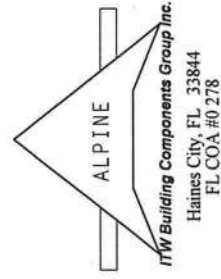


WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. The fabricator shall follow the latest edition of BCSI (Building Component Safety Information, by TPI and BCSI) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing web members shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, or bracing of trusses. Apply plates to each face of truss and position as shown above and detail. The fabricator shall provide a cover page listing this drawing, indicates acceptance of professional engineering responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: The general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WCA: www.wcaindustry.com; ICC: www.iccsafe.org



110 mph wind, 15.00 ft mean hgt, ASEE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCp1 (+/-)=-0.18

Left end vertical not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load.

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

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

These hangers and support conditions used at bearings indicated.

(H1) = Simpson
(H2) = (J) Hanger not calculated

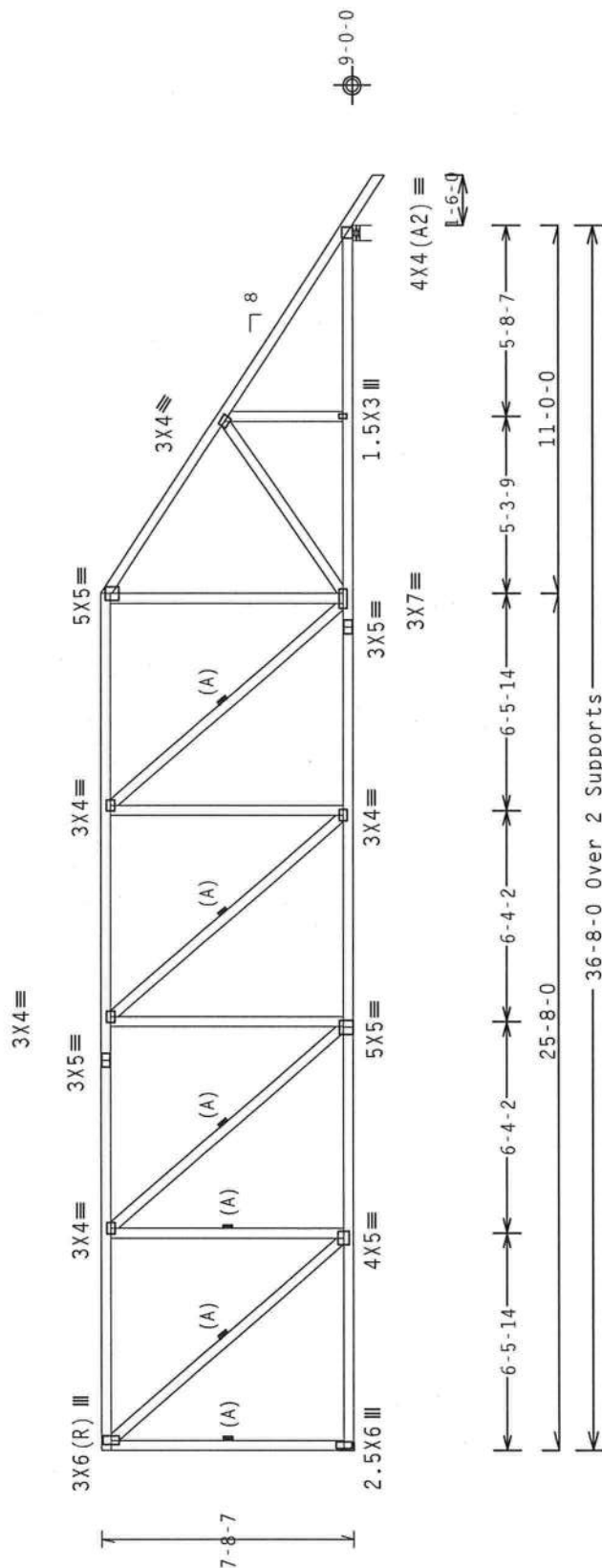
$(H2) = (J)$ Hanger not calculated

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.



R=1532 U=123

RL-87/-128

LH-H

36-8-0 Over 2 Supports-

R-1653 U-14 W-5.5"

PLOT TYP. Wave

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

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

QTY:1 FL/-/4/-/-/R/-

Scale = .1875"/Ft.

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and

Follow the latest edition of BCsI (Building Component Safety Information, by IPI and WMA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCsI.

shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs, unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs

shall have bracing installed per BCS sections U3, B7 or B10, as applicable.

any failure to build the truss. In conformance with ANSI/TPI 1, or for handling, shipping, applying plates, each face of truss and position as shown above and below.

[illegible]

responsibility solely for the design shown. The suitability and use of this design for any structural drawing or cover page listing this drawing, indicates acceptance of professional engineering registration by the British Institution of Professional Engineers. For more information see: BSI/TOI 1 Sec 2.

general notes page: ITW-BCG: www.itwbcg.com; IPI: www.ipinst.org; NITCA: www.sbcindustry.com;

010-2165331, FAX: 331

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL CỎA #0 278

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. IW=1.00 GCp1 (+/-)=0.18

Wind reactions based on MWFRS pressures.

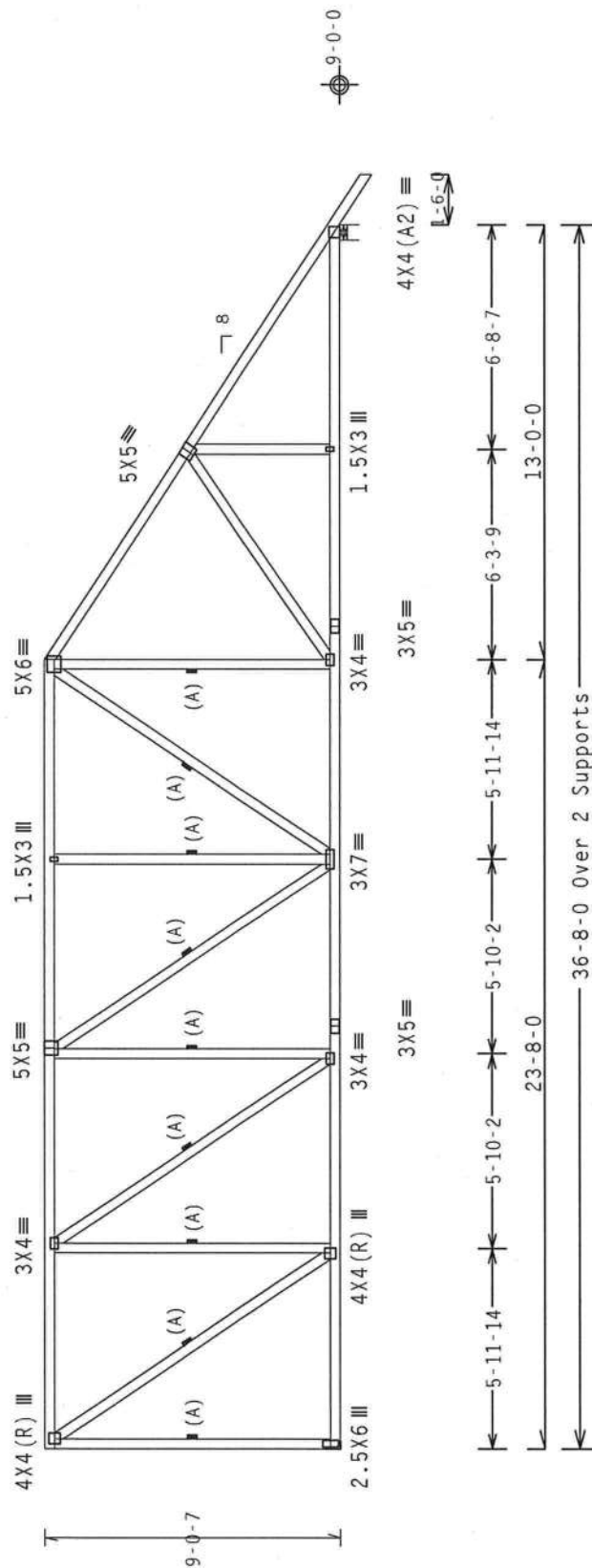
(A) Continuous lateral bracing equally spaced on member.

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

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

These hangers and support conditions used at bearings indicated.

(H1) = Simpson
(H2) = (J) Hanger not calculated



R-1653 U-9 W-5.5"

R-1532 U-127
RL-98/-148
H=H1

PLT TYP. Wave
Design Crit: FBC2007Res/TPI-2002 (S)
FT/RT=10% (0%) / 010) QTY: 1
Scale = .1875" / Ft.
FL / - / 4 / - / - / R /

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by IPPI and HILLCO) safety practices prior to performing these functions. Installers shall provide temporary bracing and bracing shall have a properly attached end ceiling. Locations shown for permanent lateral bracing. We shall have bracing installed per BCSI sections 83, 87 or B10, as applicable.

[illegible]

TC LL	20.0	PSF	REF R487-- 89698
TC DL	10.0	PSF	DATE 03/07/11
BC DL	10.0	PSF	DRW HCUSR487 11066011
BC LL	0.0	PSF	HC-ENG KD/DF
TOT.LD.	40.0	PSF	SEQN- 187662
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1UA1487_Z01

03/07/2011

JREF- 1UA1487 Z01

(11-041--Fill in later BRYAN ZECHER/HARRISON --, ** - H15B)

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

Roof overhang supports 2.00 psf soffit load.

(A) 1x4 #3SRB SPF-S or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

(C) 2x6 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

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

Wind reactions based on MWFRS pressures.

(B) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

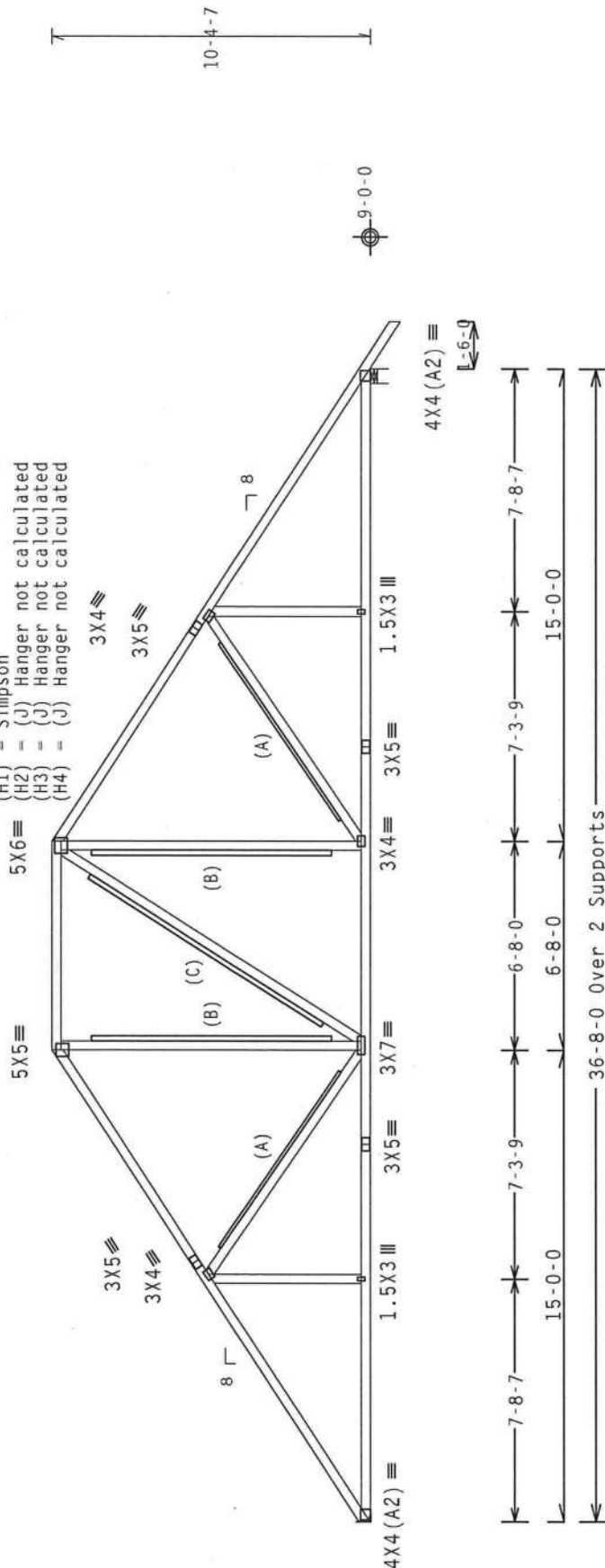
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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

These hangers and support conditions used at bearings indicated.

(H1) = Simpson
(H2) = (J) Hanger not calculated
(H3) = (J) Hanger not calculated
(H4) = (J) Hanger not calculated



R=1606 U=0
RL=262/-249
H=H1

R=1725 U=0 W=5.5"

PLT TYP. Wave

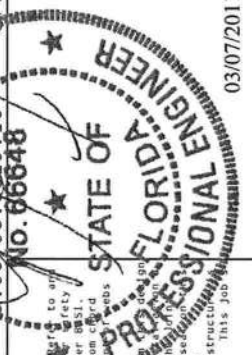
Design Crit: FBC2007Res/TPI-2002 (S.D.)
FT/RT=10% (0%) / 0 (0)

Scale = .1875"/Ft.

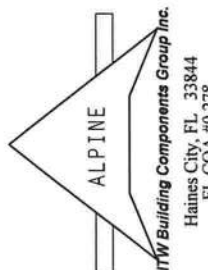
WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and BCSI) safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral resistance shall have bracing installed per BCSI sections 83, 87 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, bracing or failure of trusses. Apply plates to each face of truss and position same above and on the same side of the truss. ITWBCG shall not be responsible for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WCA: www.sbcindustry.com; ICC: www.iccsafe.org



TC LL	20.0 PSF	REF	R487--	89699
TC DL	10.0 PSF	DATE	03/07/11	
BC DL	10.0 PSF	DRW	HCUSR487	11066012
BC LL	0.0 PSF	HC-ENG	KD/DF	
TOT.LD.	40.0 PSF	SEQN-	187670	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1UA1487_Z01	



(11-041--Fill) in later BRYAN ZECHER/HARRISON -- ** - B1)

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

(A) 1x4 #3SR8 SpF-5 or better "T" brace. 80% length of web member.
Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

(C) 2x6 #3 or better "T" brace. 80% length of web member. Attach with
16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

Truss passed check for 20 psf additional bottom chord live load in
areas with 42"-high x 24"-wide clearance.

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

These hangers and support conditions used at bearings indicated.

(H1) - Simpson

(H2) - (J) Hanger not calculated

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

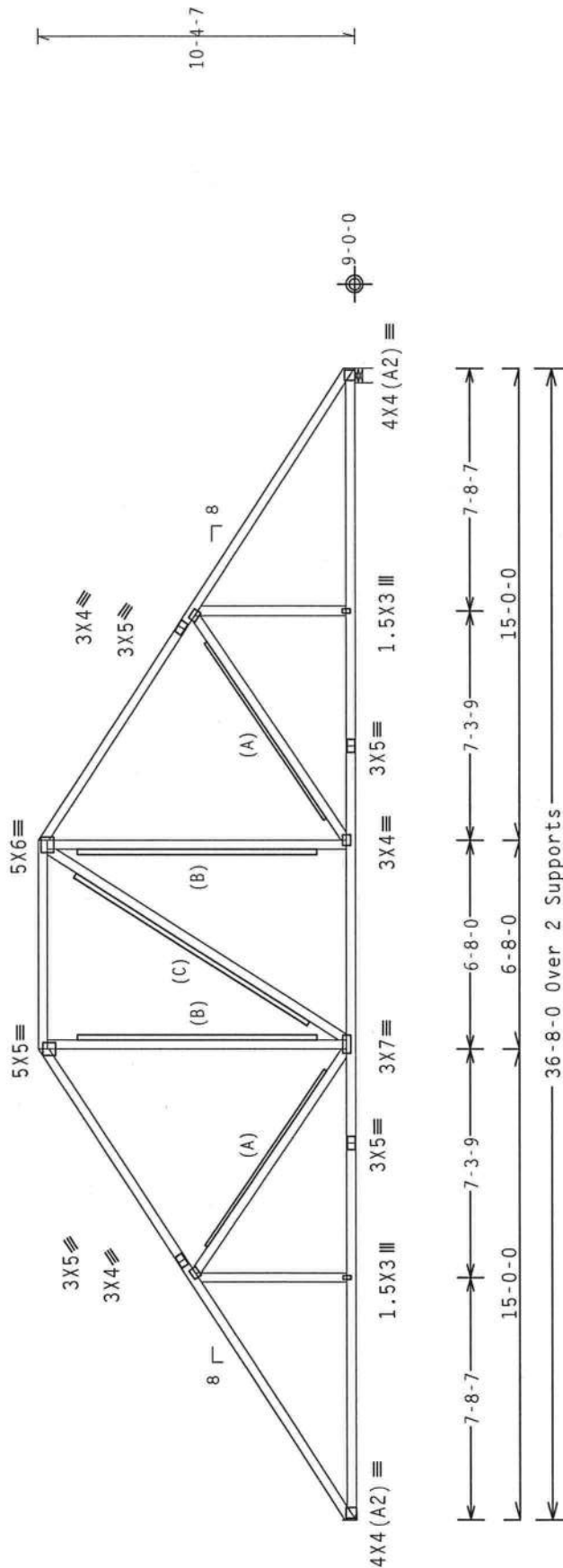
Wind reactions based on MMFRS pressures.

(B) 2x4 #3 or better "T" brace. 80% length of web member. Attach with
16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

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

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

MMFRS loads based on trusses located at least 15.00 ft. from roof
edge.



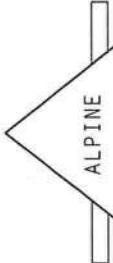
R=1608 U=0
RL=233/-233
H=H1

R=1620 U=0 W=5.5"

PLT TYP. Wave

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

Scale = .1875"/Ft.

 ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	QTY: 1		FL / - 4 / - / R / -	TC LL	20.0 PSF	REF	R487 -- 89700
				TC DL	10.0 PSF	DATE	03/07/11
				BC DL	10.0 PSF	DRW	HCUSR487 11066013
				BC LL	0.0 PSF	HC-ENG	KD/DF
				TOT.LD.	40.0 PSF	SEQN-	187677
		DUR.FAC.	1.25				
		SPACING	24.0"				
		JREF-	1UA1487_Z01				

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER
03/07/2011

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to
the latest edition of BCSI (Building Component Safety Information, by TPI and BCSI) for safety
practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.
Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord
shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing of web
shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design
any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or
bracing of trusses. Apply plates to each face of truss and position as shown above and on the
details, unless noted otherwise. Refer to drawings IBC-2 for standard plate positions.
The responsibility of the Building Designer for the design shown. The suitability and use of this design for any structure
general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinat.org; WCA: www.wcaindustry.com;
ICC: www.iccsafe.org

111110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpf (+/-)=0.18

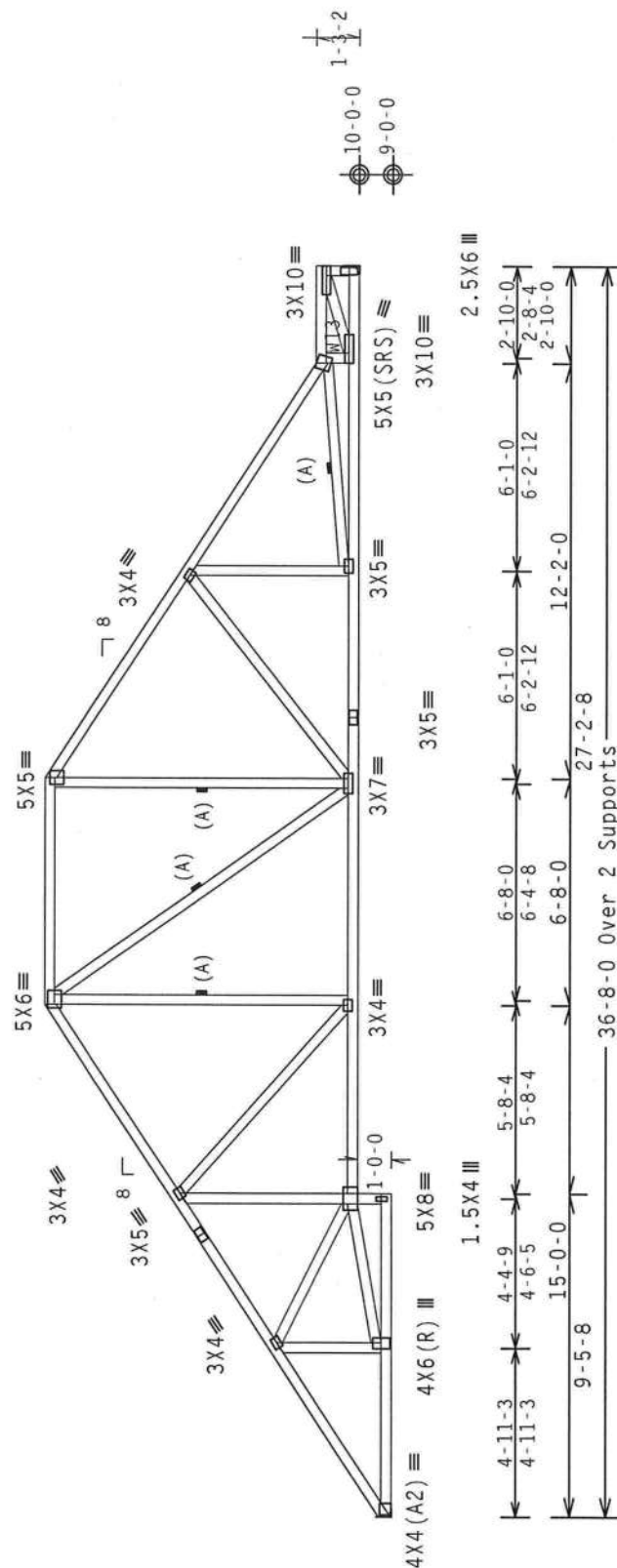
Wind reactions based on MWFRS pressures.

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

WMFRS loads based on trusses located at least 30.00 ft. from roof edge.

These hangers and support conditions used at bearings indicated.

(H1) = Simpson
(H2) = (J) Hanger not calculated



R-1546 U=0
RL-218/-204
H=H1

R=1535 U=0
H=H2

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (0.0%)
ET/RT=10% (0%) (0.0%)

Scale = .1875"/Ft.

QTY:1 FL/-/4/-/-/R/-

REF R487 -- 89701

DATE 03/07/11

DBW HCUSR487 11066014

HC-ENG KD/DE

HC-ENG	KD/DT
CEON	107041

101.LD.	40.0
---------	------

DUR. FAC. 1.25

JREF- 1UA1487_Z01

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

[illegible]

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation or any failure to build the cross in conformance with ANSI/SP1 1, or for handling, shipping, installation, or use of the cross. ITWBCG shall not be responsible for any damage to the cross or its details, unless noted otherwise. Refer to drawings ITWBCG-2 for standard publication information and cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/SP1 1 Soc.2. For more information see: general notes page; ITW-BCG; www.itwbcg.com; ITW: www.itw.com; WICA: www.wicainc.com; ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation or any failure to build the cross in conformance with ANSI/SP1 1, or for handling, shipping, installation, or use of the cross. ITWBCG shall not be responsible for any damage to the cross or its details, unless noted otherwise. Refer to drawings ITWBCG-2 for standard publication information and cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/SP1 1 Soc.2. For more information see: general notes page; ITW-BCG; www.itwbcg.com; ITW: www.itw.com; WICA: www.wicainc.com; ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation or any failure to build the cross in conformance with ANSI/SP1 1, or for handling, shipping, installation, or use of the cross. ITWBCG shall not be responsible for any damage to the cross or its details, unless noted otherwise. Refer to drawings ITWBCG-2 for standard publication information and cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/SP1 1 Soc.2. For more information see: general notes page; ITW-BCG; www.itwbcg.com; ITW: www.itw.com; WICA: www.wicainc.com;

CC: www.iccsafe.org

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03/07/2011

ALPINE

ITTW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCp1(+/-)=-0.18

Wind reactions based on MWFRS pressures.

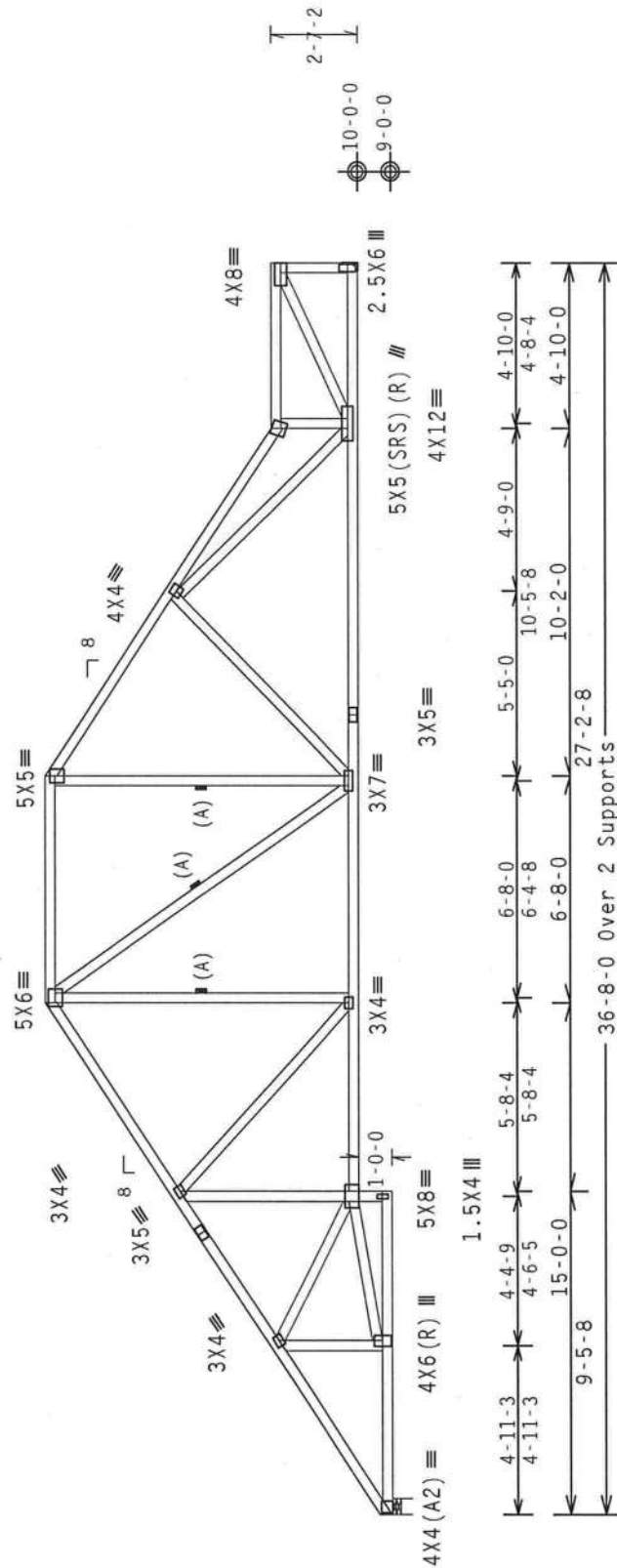
Right end vertical not exposed to wind pressure.

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

These hangers and support conditions used at bearings indicated.

$$(H1) = \text{Simpson}$$

(H2) = (J) Hanger not calculated



R-1547 U=0 W=5.5"
RL-207/-183

R-1535 U=0
H-H1

Design Crit: FBC2007Res/TPI-2002 (S)0)
 FT/RT=10%(0%)/0(0)
 05/03/0319.16/
 TV:1
 FL/-/4/-/-R/-
 Scale = .1875"/Ft.

PLT TYP. Wave

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

[illegible][illegible]

TC LL	20.0 PSF	REF R487-- 89702
TC DL	10.0 PSF	DATE 03/07/11
BC DL	10.0 PSF	DRW HCUSR487 11066015
BC LL	0.0 PSF	HC-ENG KD/DF
TOT.LD.	40.0 PSF	SEQN- 187844
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UA1487_Z01

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

(11-041--Fill in later BRYAN ZECHE/HARRISON -- ** - BT2)

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

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

(A) Continuous lateral bracing equally spaced on member.

Wind reactions based on MMFRS pressures.

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

Right end vertical not exposed to wind pressure.

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

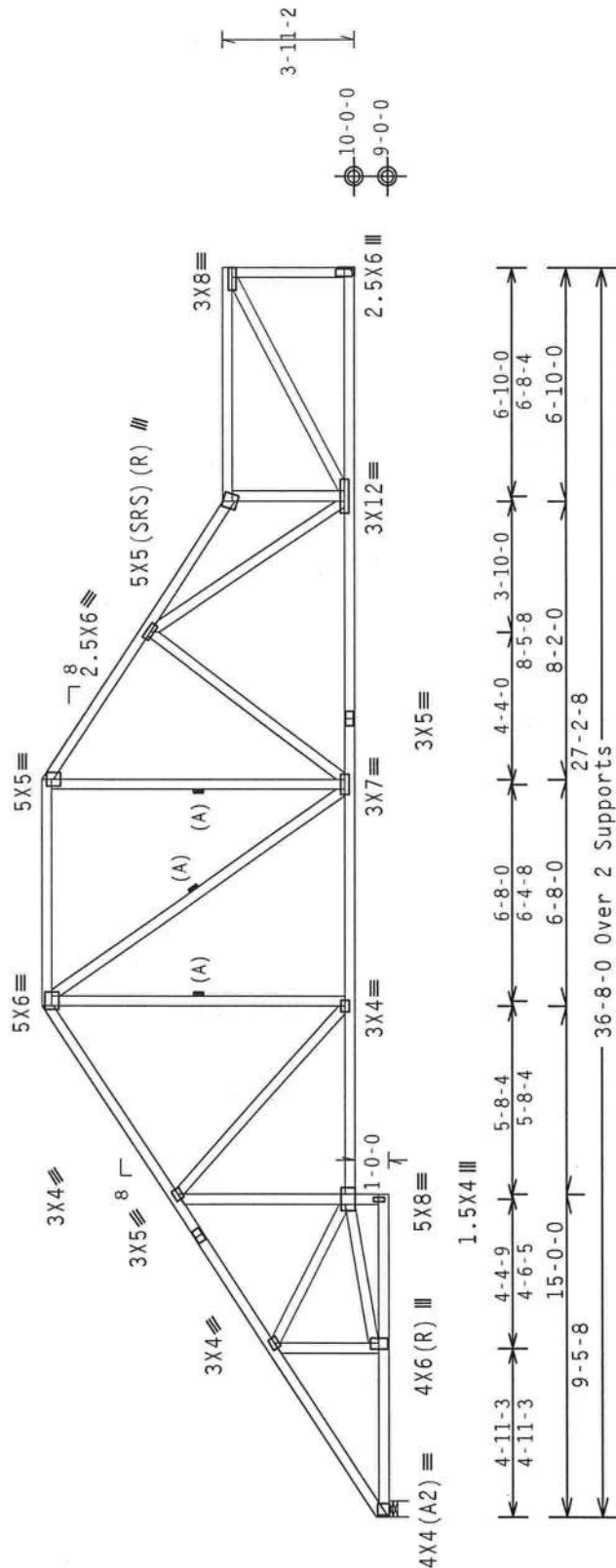
Deflection meets L/240 live and L/180 total load.

MMFRS loads based on trusses located at least 30.00 ft. from roof edge.

These hangers and support conditions used at bearings indicated.

(H1) = Simpson

(H2) = (J) Hanger not calculated



R-1547 U=0 W=5.5"
RL-197/-163

R-1535 U=0
H-H1

PLT TYP. Wave

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

QTY: 1 FL/-4/-/-R/-

Scale = .1875"/Ft.

 ALPINE iTW Building Components Group Inc. Haines City, FL 33844 FL COA # 278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET. FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.		**IMPORTANT** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI Building Component Safety Information, by TPI and BCSI for safety practices prior to performing these functions. Installers shall provide temporary bracing and BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.		TC LL	20.0 PSF	REF	R487--	89703
	ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, or bracing of trusses. Apply plates to each face of truss and position as shown above and on the drawing. Coverage of trussing shall be provided by the designer. The designer shall be responsible for the responsibility of the building designer per ANSI/TPI 1 Sec. 2. For more information see: The general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpiinst.org; WCA: www.wcaindustry.com; ICC: www.iccsafe.org				TC DL	10.0 PSF	DATE	03/07/11	
					BC DL	10.0 PSF	DRW	HCUSR487	11066016
					BC LL	0.0 PSF	HC-ENG	KD/DF	
					TOT.LD.	40.0 PSF	SEQN-	187847	
					DUR.FAC.	1.25			
				SPACING	24.0"	JREF-	1UA1487_Z01		

No. 66648

STATE OF FLORIDA

PROFESSIONAL ENGINEER

03/07/2011

03/07/2011

(11-041--Fill in later BRYAN ZECHER/HARRISON -- ** - H7C)

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP 8, wind TC DL=5.0 psf, wind
BC DL=5.0 psf. 1w=1.00 gcpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

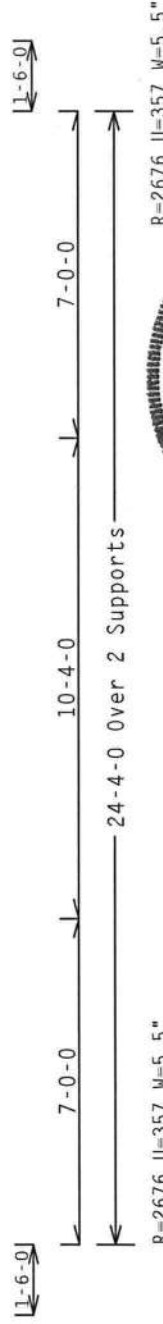
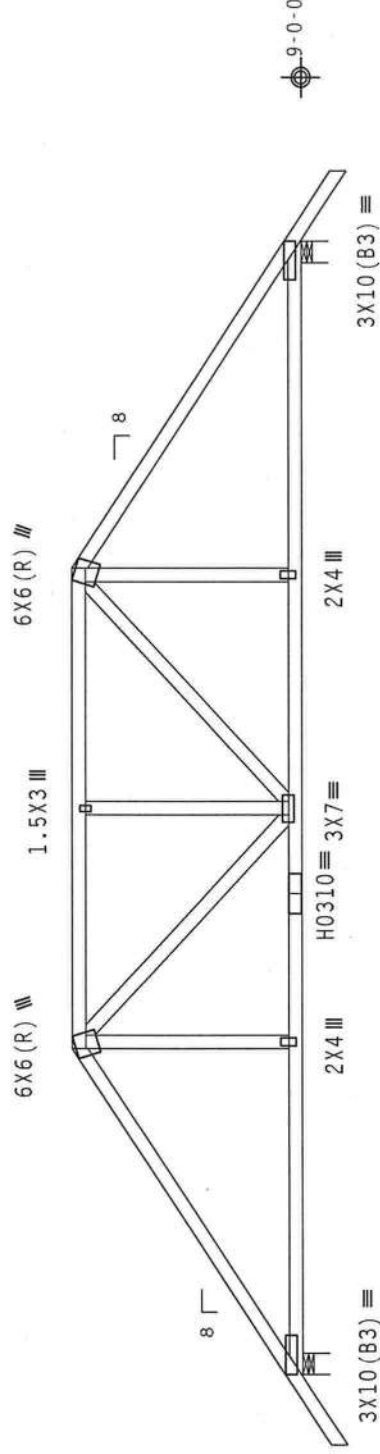
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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

Special loads

-----Lumber-----
Dur.Fac.=1.25 / Plate Dur.Fac.=1.25
TC- From 64 plf at -1.50 to 64 plf at 7.00
TC- From 32 plf at 7.00 to 32 plf at 17.33
TC- From 64 plf at 17.33 to 64 plf at 25.83
BC- From 5 plf at -1.50 to 5 plf at 0.00
BC- From 20 plf at 0.00 to 20 plf at 7.03
BC- From 10 plf at 7.03 to 10 plf at 17.30
BC- From 20 plf at 17.30 to 20 plf at 24.33
BC- From 5 plf at 24.33 to 5 plf at 25.83
TC- 446.34 lb Conc. Load at 7.03,17.30
TC- 192.86 lb Conc. Load at 9.06,11.06,12.17,13.27
15.27
BC- 511.85 lb Conc. Load at 7.03,17.30
BC- 130.63 lb Conc. Load at 9.06,11.06,12.17,13.27
15.27



PLT TYP. 20 Gauge HS, Wave	Design Crit: FBC2007Res/TPI-2002 (FT/RT=10% (0%) / 0 (0))		QTY: 1		FL / - / 4 / - / - / R / -		Scale = .25" / Ft.	
	R-2676 U=357 W=5.5"		R-2676 U=357 W=5.5"		TC LL 20.0 PSF		REF R487-- 89704	
 ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.		No. 66648		TC DL 10.0 PSF		DATE 03/07/11	
	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and BCSI) for safety practices prior to performing these functions. Installers shall provide temporary bracing and BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing at bottom chord. Shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing of web shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.		9.03.03.0315.18		BC DL 10.0 PSF		DRW HCUSR487 11066088	
	ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or bracing of trusses. Apply plates to each face of truss and position as shown above and on the end details, unless noted otherwise. Refer to drawings for details of connections and bracing. The responsibility of the building designer per ANSI/TPI 1 Sec.2. For more information see: general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WCA: www.wcaindustry.com; ICC: www.iccsafe.org		03/07/2011		BC LL 0.0 PSF		HC-ENG JB/DF	
					TOT.LD. 40.0 PSF		SEQN- 187481	
					DUR.FAC. 1.25		JREF- 1UA1487_Z01	
					SPACING 24.0"			

(11-041--Fill) in later BRYAN ZECHE/HARRISON -- . ** - H9C)

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

Roof overhang supports 2.00 psf soffit load.

(A) 1x4 #3SRB SPF-S or better "T" brace. 80% length of web member.
Attach with 8d Box or Gun (0.113"x2.5".min.)nails @ 6" OC.

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

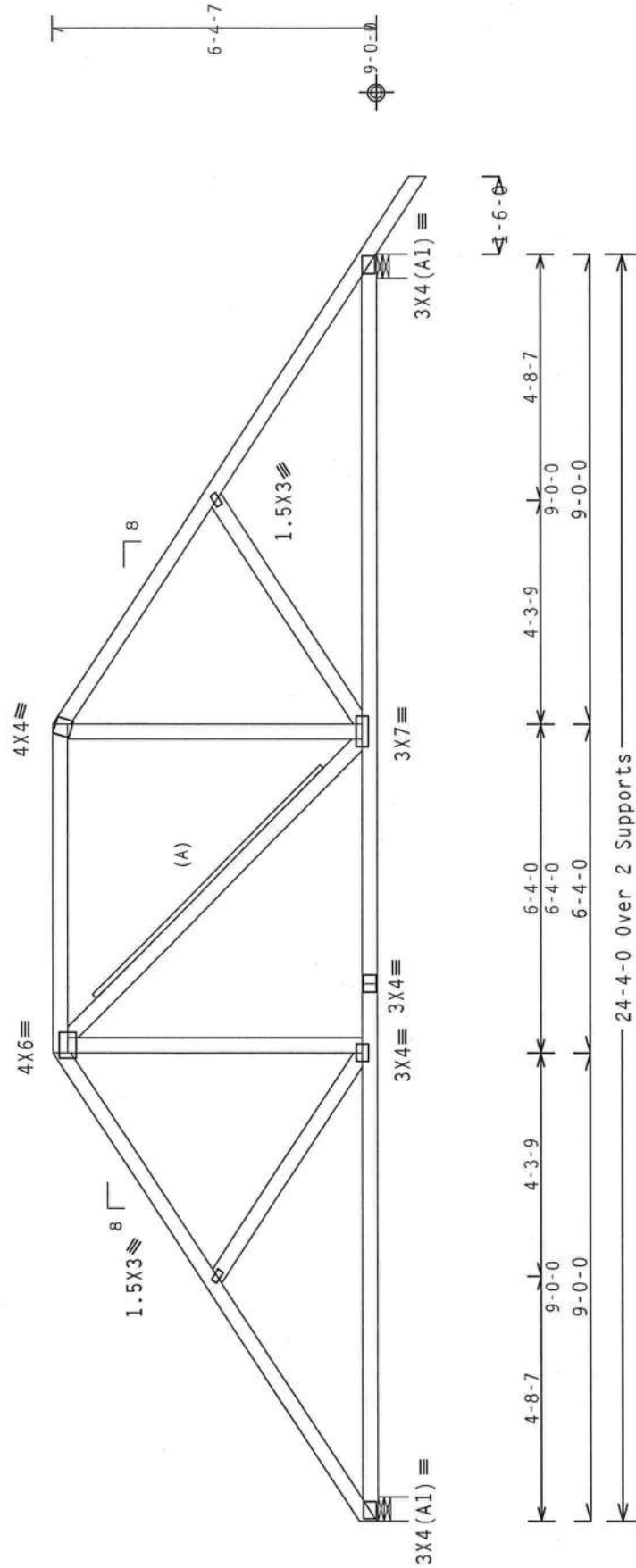
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

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

Wind reactions based on MWFRS pressures.

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

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



R=1019 U=83 W=5.5"
RL=162/-149

R=1130 U=102 W=5.5"

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(S/D)

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

Scale = .3125"/Ft.

 ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	TY:1		FL/-4/-1/R/-	Scale = .3125"/Ft.
	TC LL	20.0 PSF	REF R487-- 89705	
	TC DL	10.0 PSF	DATE 03/07/11	
	BC DL	10.0 PSF	DRW HCUSR487 11066017	
	BC LL	0.0 PSF	HC-ENG KD/DF	*
TOT.LD.		40.0 PSF	SEQN- 187488	
DUR.FAC.		1.25		
SPACING		24.0"	JREF- 1UA1487_Z01	

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and BCSI) practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral resistance shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the details, unless noted otherwise. Trusses shall be erected on a level surface. The manufacturer's responsibility of the building designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpiinst.org; WCA: www.sbcindustry.com; ICC: www.iccsafe.org



(11-041--Fill in later BRYAN ZECHER/HARRISON -- ** - H11C)

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

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

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MMFRS pressures.

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

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

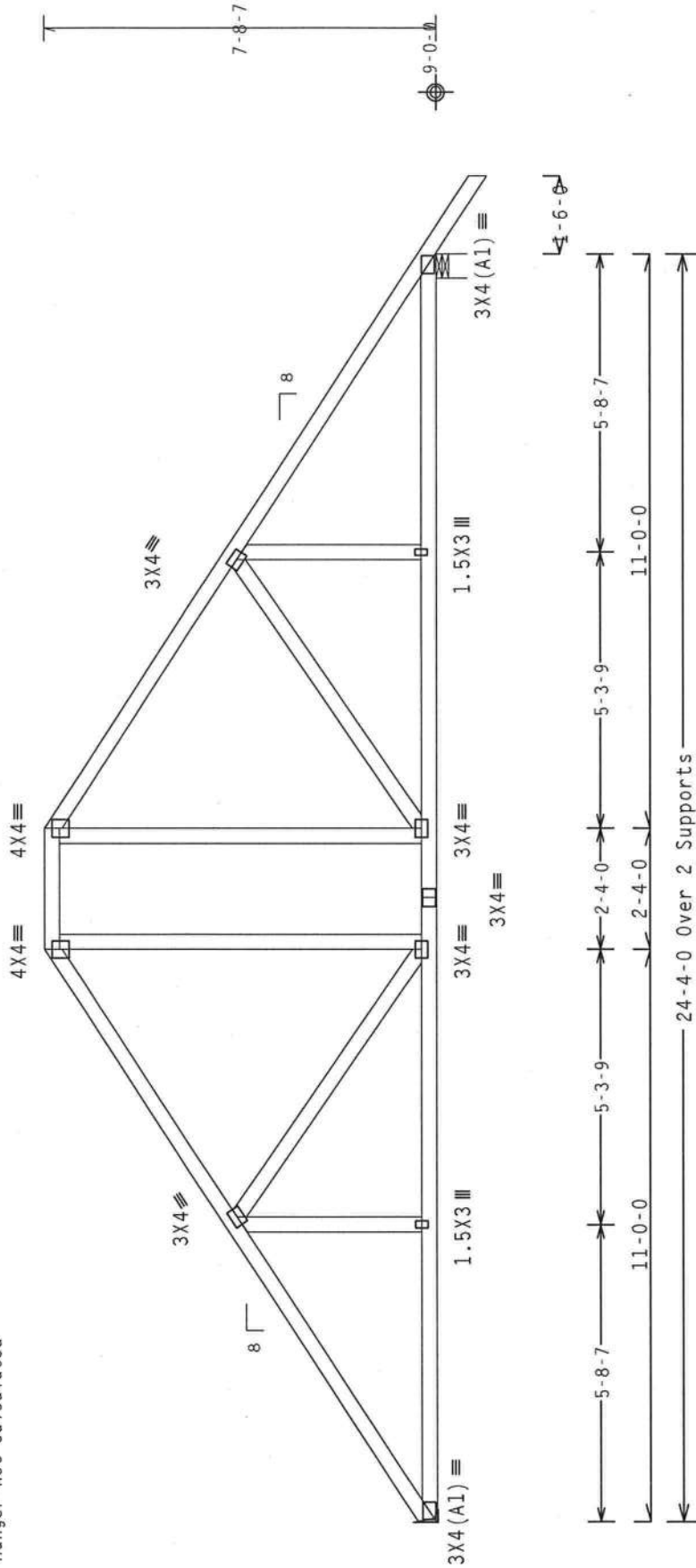
Deflection meets L/240 live and L/180 total load.

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

These hangers and support conditions used at bearings indicated.

(H1) = Simpson

(H2) = (J) Hanger not calculated



R=1018 U-79
RL=192/-179
H=H1

R=1130 U=98 W=5.5"

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(S0)
FT/RT=10%(0%)/0(0)

TY:1 FL/-4/-/-R/-

Scale = .3125"/Ft.

TC LL	20.0 PSF	REF	R487--	89706
TC DL	10.0 PSF	DATE	03/07/11	
BC DL	10.0 PSF	DRW	HCUSR487	11066018
BC LL	0.0 PSF	HC-ENG	KD/DF	*
TOT.LD.	40.0 PSF	SEQN-	61927	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1UA1487_Z01	

DOUGLAS FLEMING
LICENSE
No. 66648
03-05-03-0319-16
STATE OF FLORIDA
PROFESSIONAL ENGINEER
03/07/2011

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

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and King) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral resistance of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, bracing or trussing. Apply plates to each end of the top chord and bottom chord. A drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

Wind reactions based on MWFRS pressures.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

These hangers and support conditions used at bearings indicated.

	(H1) = Simpson	(H2) = (J) Hanger not calculated
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
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21	21	21
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87	87	87
88	88	88
89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100



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

FL/-/4/-/-/R/-



ALPINE

nTW Building Components Group Inc.
 Haines City, FL 33844
 FL COA #0 2788

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the instructions on the underside of the trusses. Do not alter the design of the trusses. Do not practice field modifications. Trusses are designed and manufactured in accordance with the PCSL. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraining webs shall have bracing installed per PCSL sections B3, B7 or B10, as applicable.

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

Refer to and follow the instructions on the underside of the trusses. Do not alter the design of the trusses. Do not practice field modifications. Trusses are designed and manufactured in accordance with the PCSL. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraining webs shall have bracing installed per PCSL sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design of the trusses. ITWBCG shall not be responsible for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, bracing of trusses. Apply plates to each face of truss and position as shown above and on details, unless noted otherwise. Refer to drawings 1609-2 for standard plate positions. A signed drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpi1net.org; WICA: www.sbcindustry.com; ICC: www.iccsafe.org

03/07/2011

(11-041--Fill in later BRYAN ZECHER/HARRISON -- . ** - D)

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

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

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

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.

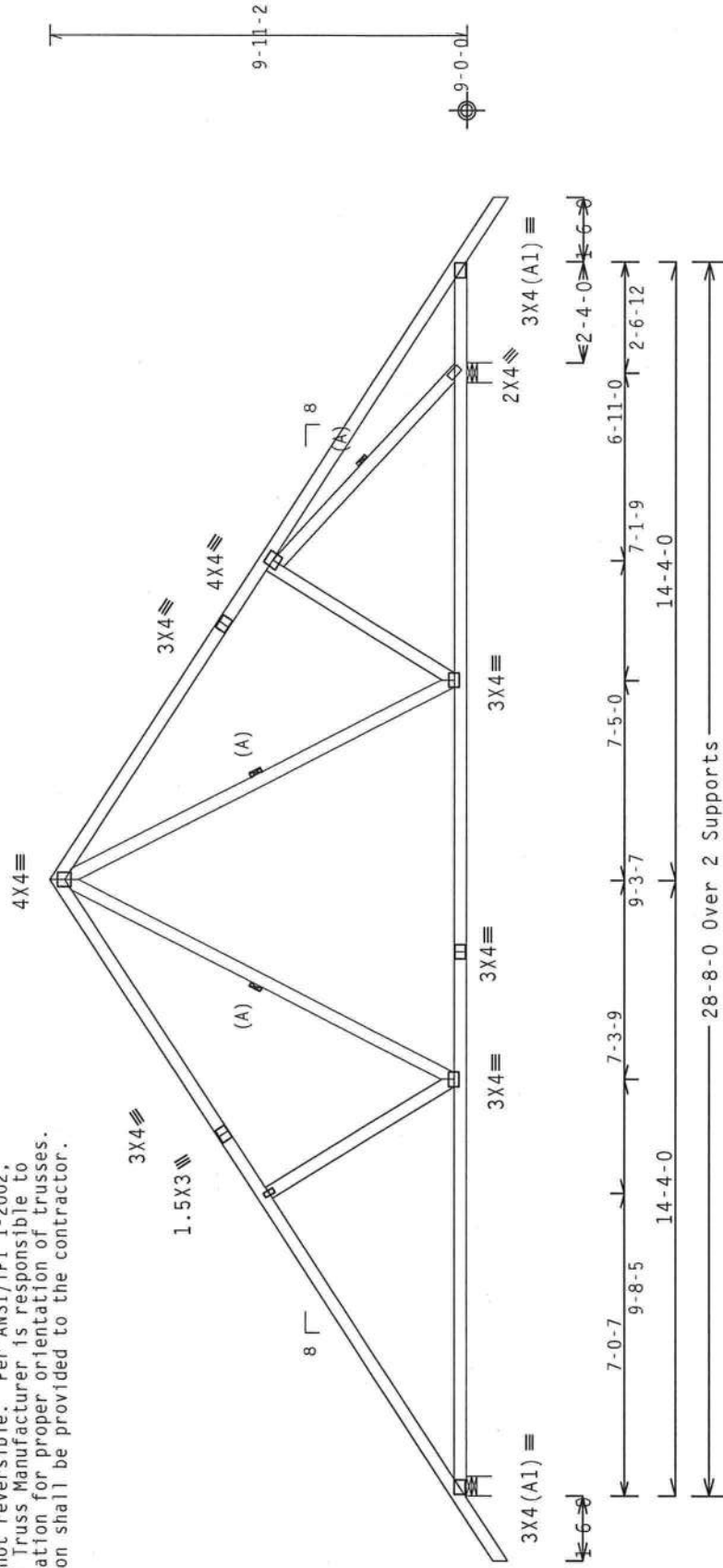
This truss is not reversible. Per ANSI/TPI 1-2002, Section 2.4.3 Truss Manufacturer is responsible to provide information for proper orientation of trusses. This information shall be provided to the contractor.

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

Wind reactions based on MWFRS pressures.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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



R-1284 U=0 W=5.5"
RL=257/-257

R=1549 U=0 W=5.5"

28'-8" Over 2 Supports

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (S0)
FT/RT=10% (0%) / 0 (0)

Scale = .25"/Ft.

ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	TY:3 FL/-4/-/R/-		REF R487-- 89708
	TC LL	20.0 PSF	DATE 03/07/11
	TC DL	10.0 PSF	DRW HCUSR487 11066020
	BC DL	10.0 PSF	HC-ENG KD/DF
	BC LL	0.0 PSF	SEQN- 187544
TOT.LD.		40.0 PSF	
DUR.FAC.		1.25	
SPACING		24.0"	JREF- 1UA1487_Z01



WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

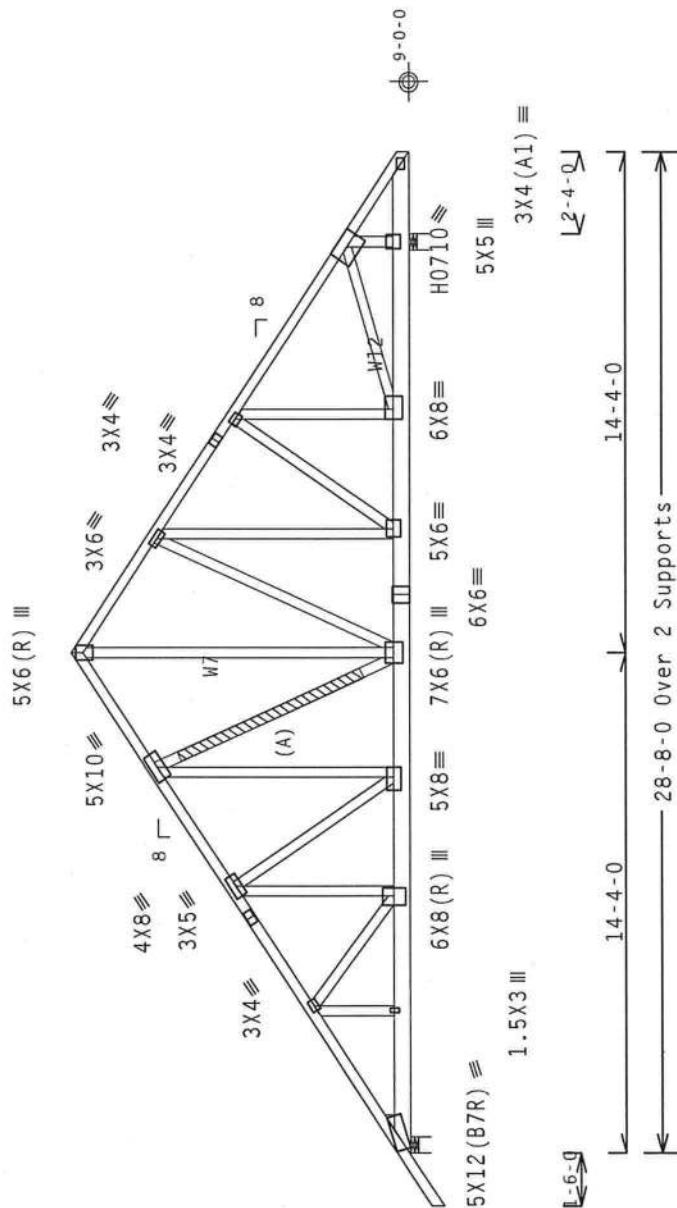
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and Kiewit Safety Practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral resisting devices shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinat.org; WICA: www.sbctindustry.com; ICC: www.iccsafe.org

2 COMPLETE TRUSSES REQUIRED

Nail Schedule: 0.131"x3" nails
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 2 Rows @ 5.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.
4" o.c. spacing of nails perpendicular and parallel to
grain required in area over bearings greater than 4"
110 mph wind, 15.00 ft mean ht., ASCE 7-05, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind IC DL=5.0 psf, wind
BC DL=5.0 psf, 1w=1.00 gcpl(+/-)=0.18
Wind reactions based on MWFRS pressures.
Roof overhang supports 2.00 psf soffit load.
Deflection meets L/240 live and L/180 total load.

(A) #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3", min.) nails @ 6" OC.



R-9018 U=584 W=5.5"

PLT TYP. 20 Gauge HS, Wave

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

FL/-/4/-/-/R/- Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R487--	89709
TC DL	10.0 PSF	DATE	03/07/11	
BC DL	10.0 PSF	DRW	HCUSR487	11066089
BC LL	0.0 PSF	HC-ENG	JB/DF	
TOT.LD.	40.0 PSF	SEQN-	187718	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1UA1487	Z01

03/07/2011

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

****IMPORTANT****

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. The following information must be followed by all contractors involved in the latest edition of BCSI Building Component Safety Information, by IPI and will be used as a guide to ensure proper installation practices prior to performing these functions. Installers shall provide temporary bracing and shoring for all trusses until they are permanently installed. Truss design and construction practices noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral release shall have bracing installed per BCSI sections 83, 87 or B10, as applicable.

LTH Building Components Group Inc. (LTHBCG) shall not be responsible for any deviation from the above instructions. It is the responsibility of the contractor to follow the LTHBCG drawings and specifications to build the truss in accordance with ANSI/P1-1, or for handling, shipping, unloading, erecting and bracing of trusses. Apply plates to each face of truss and position as shown above and on details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A complete set of drawings and cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any particular application is the sole responsibility of the user. LTHBCG does not assume any liability for the responsibility of the Building Designer per ANSI/P1-1 sec.2. For more information see our general notes page: www.lthbcg.com; 1-800-946-1166; fax: 1-800-946-1167; e-mail: info@lthbcg.com; www.lthinc.org; WCA.



Alpine Building Components Group Inc.
Haines City, FL 33844
407-973-1111

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCp1 (+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

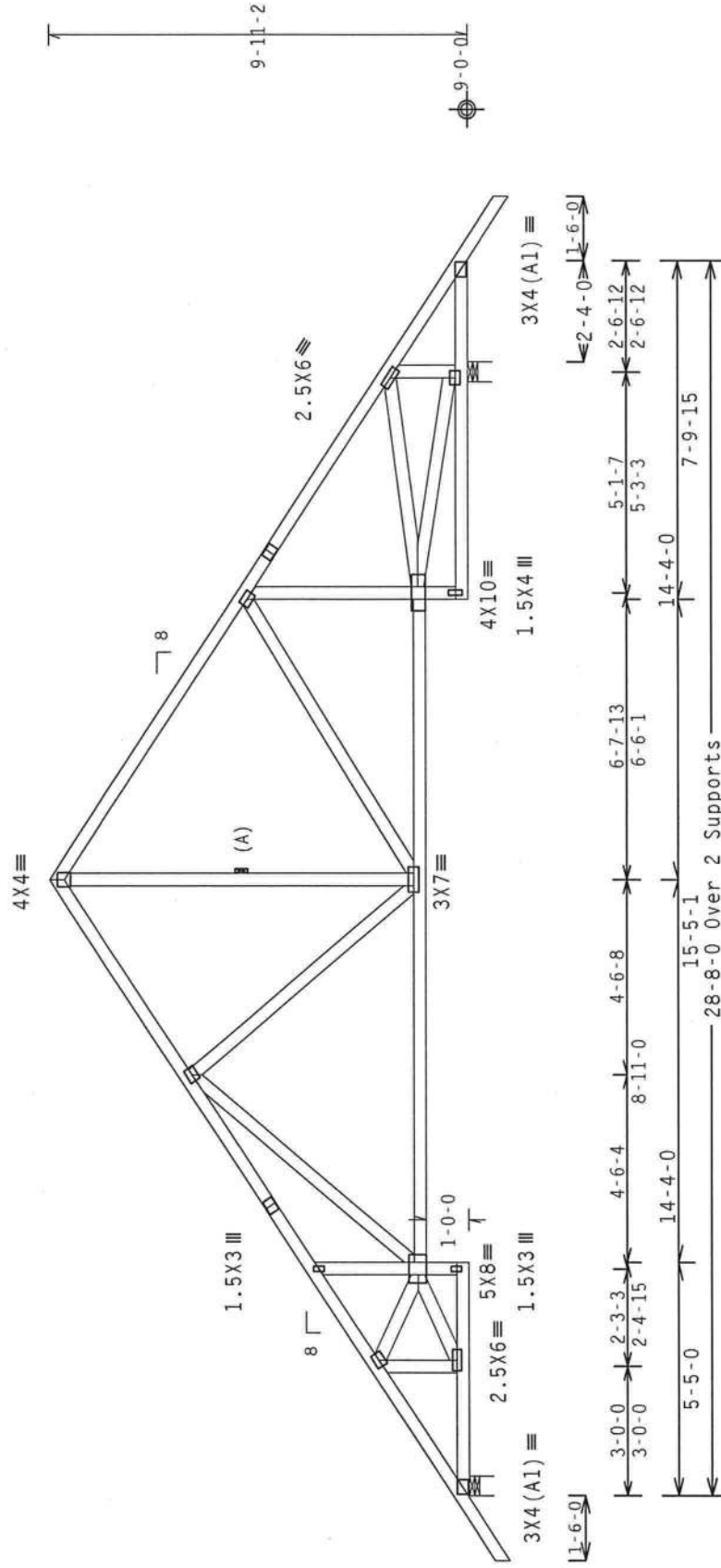
(A) Continuous lateral bracing equally spaced on member.

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

Wind reactions based on MWFRS pressures.

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

MMFRS loads based on trusses located at least 15.00 ft. from roof edge.



R-1178 U=0 W=5.5"
RL=257/-257

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(S&D)

PLT TYP. Wave

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

1 FL/-/4/-/-/R/-/

Scale = .25"/Ft.

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of *Steel Building Component Safety Information* by IPI and Universal Truss for more information.

practices prior to performing these functions. Installers shall provide temporary bracing per CSI, unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord

shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSP sections B3, B7 or B10, as applicable.

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

bracing of trusses. Apply plates to each face of truss and position as shown above and on the details. Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A section of

responsibility solely for the design shown. The suitability and use of this design for any structural application shall be determined by the user. This drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structural application shall be determined by the user. For more information see, AISC 360-10, Section 1.2. For more information see, AISC 360-10, Section 1.2.

the responsibility of the building designer per ENA/RP 1 Sec.2.2. For more information see:
general notes page: EIH-8C6; www.fibecg.com; IP: www.tpinst.org; NTCAT: www.sbcindustry.com;
ICC: www.iccsafe.org

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ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
 FL COA #0278

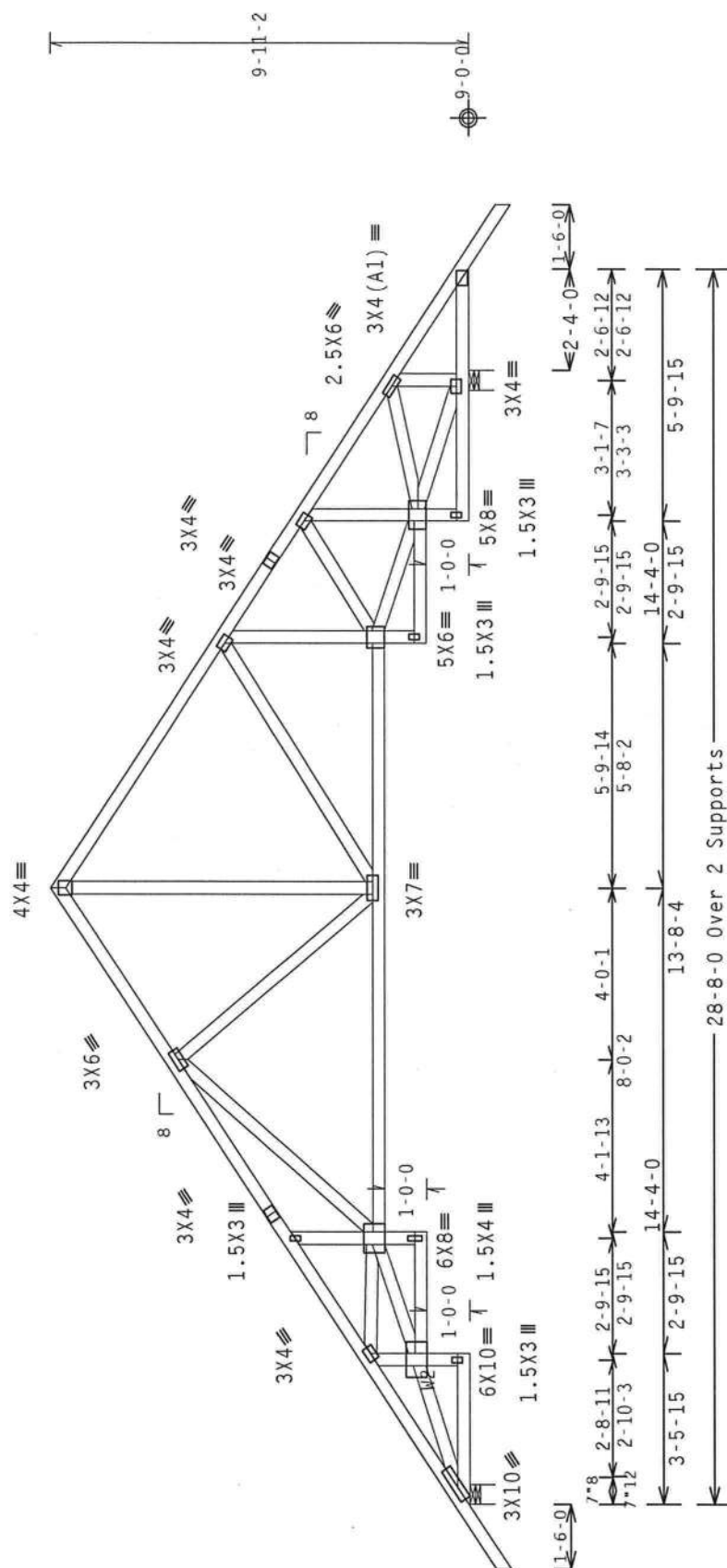
FILE COPIES 270

111110 mph wind, 15.00 ft mean hgt, ASEE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. IW=1.00 GCp1(+/-)-0.18

Wind reactions based on MWFRS pressures.

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

WFRS loads based on trusses located at least 15.00 ft. from roof edge.



R-1186 U=0 W=5.5"
RL-257/-257

R=1429 U=0 W=5.5"

PLOT TYP. Wave

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

Scale = .25"/Ft.

[illegible]

Top chord	2x4	SP #2	Dense
Bot chord	2x4	SP #2	Dense
Webbs	2x4	SP #3	
			:B2 2x6 SP #2:

Roof overhang supports 2.00 psf soffit load.

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

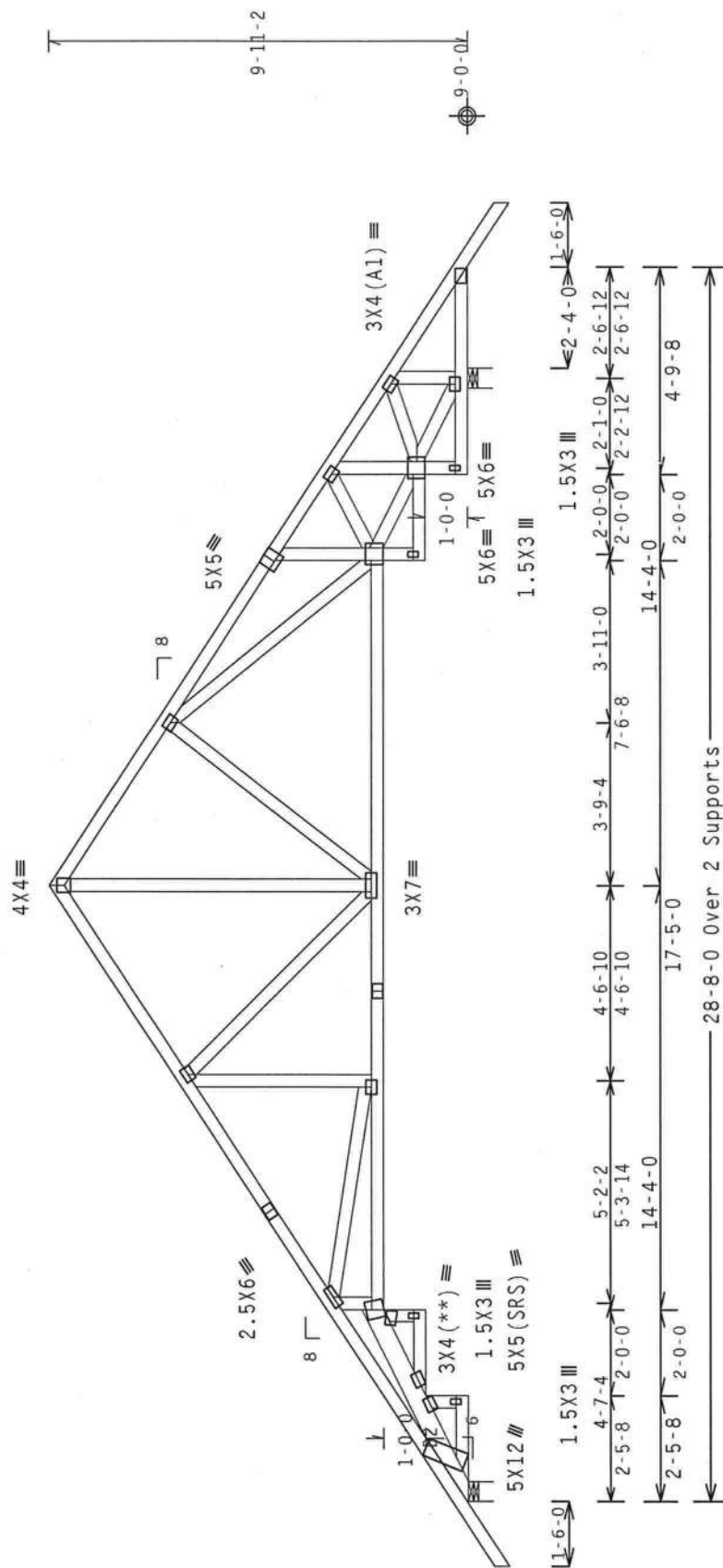
Deflection meets L/240 live and L/180 total load.

(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)-0.18

Wind reactions based on MWFRS pressures.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.



R=1204 U=0 W=5.5"
RL=257/-257

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002 (2007)
 $FT/RT = 10\% (0\%) / 0 (0)$

PLT TYP. Wave

9.05/03/03 19:16 QTY:2 FL/-/4/-/-/R/-

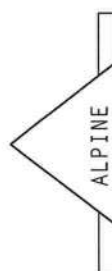
Scale = .25"/Ft.

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

****IMPORTANT****

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSP (Building Component Safety Information) by TPI and CSA for safety information. The top chord shall have properly attached structural sheathing and chords shall have a longitudinally oriented grain. Chords shall have a properly attached bracing system. Trusses shall have a properly attached ridge ceiling. Locations shown for permanent lateral bracing of web members shall be braced according to section B3, B7 or B10, as applicable.

THE Building Components Group, Inc. (IBCG) shall be responsible for any detailing, design, fabrication, erection, and/or installation of trusses in accordance with the design shown on this drawing. IBCG shall be responsible for the design, engineering, detailing, fabrication, erection, and/or installation of all trussing, bracing of trusses. Apply plates to each face of truss and position as shown above and on the details, unless noted otherwise. Refer to drawings 1602-Z for standard plate positions. The designer shall be responsible for the design shown. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the user. For more information, visit www.ibcgroup.com.
General notes page: www.ibcgroup.com; www.enrlist.org; www.sbcindustry.com;
General notes page: www.1602safe.org



ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278

03/07/2011

SPACING 24.0"

JREF- 1UA1487_Z01

(11-041--Fill in later BRYAN ZECHER/HARRISON --, ** - HT7D)

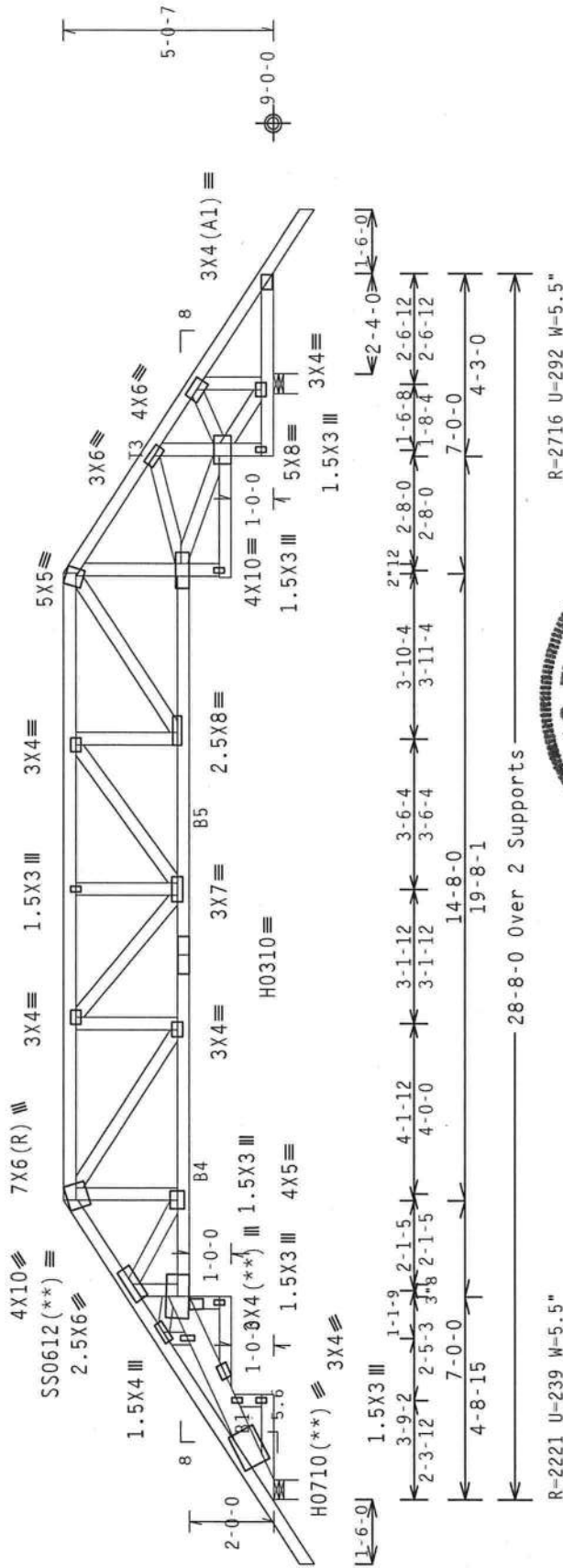
Top chord 2x4 SP #1 :T3 2x4 SP #2 Dense:
Bot chord 2x4 SP #2 Dense :B1 2x6 SP SS: :B4, B5 2x4 SP #1:
Webs 2x4 SP #3

Special loads

-----Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 64 pif at -1.50 to 64 pif at 7.00
TC- From 134 pif at 7.00 to 134 pif at 21.67
TC- From 64 pif at 21.67 to 64 pif at 30.17
BC- From 5 pif at -1.50 to 5 pif at 0.00
BC- From 20 pif at 0.00 to 20 pif at 7.00
BC- From 44 pif at 7.00 to 44 pif at 21.67
BC- From 20 pif at 21.67 to 20 pif at 28.67
TC- From 5 pif at 28.67 to 5 pif at 30.17
TC- 178.00 lb Conc. Load at 30.17
BC- 505.19 lb Conc. Load at 7.00
BC- 265.68 lb Conc. Load at 21.67

Wind reactions based on MMFRS pressures.

NOTE: Laterally brace bottom chord above filler at 2'0" O.C.
MAX. INCLUDING A LATERAL BRACE AT CHORD ENDS.



(**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

111110 mph wind. 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpf (+/-) 0.18

Wind reactions based on MWFRS pressures.

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

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

This truss is not reversible. Per ANSI/TPI 1-2002, Section 2.4.3 Truss Manufacturer is responsible to provide information for proper orientation of trusses. This information shall be provided to the contractor.

Roof overhang supports 2.00 psf soffit load.

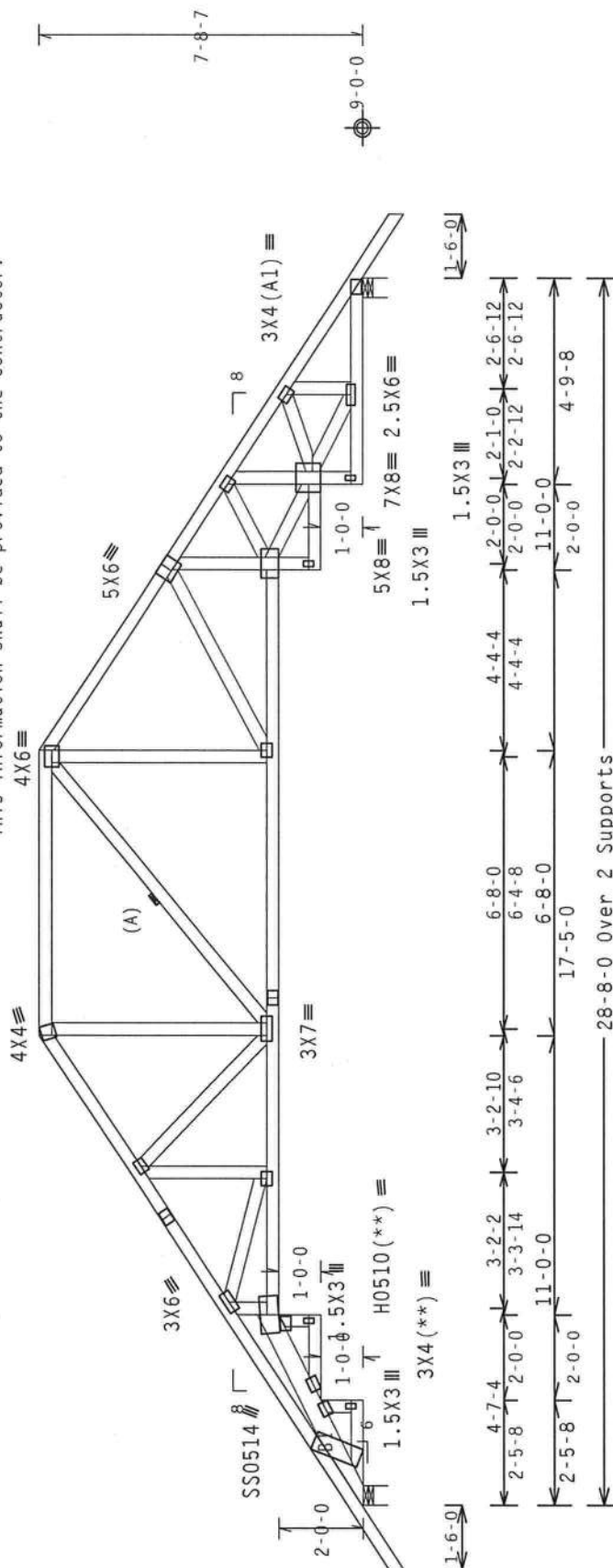
Calculated horizontal deflection is 0.14" due to live load and 0.15" due to dead load.

(A) Continuous lateral bracing equally spaced on member.

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

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

NOTE: Laterally brace bottom chord above filler at 2'0" O.C. max. including a lateral brace at chord ends.



R=1344 U=0 W=5.5"
RL=207/-207

Note: All Plates Are 3X4 Except As Shown.

PLT TYP. 20 Gauge HS, 18 Gauge HS, Design Crit: FBC2007Res/TPI-2002 (0.0015)
Wave FT/RT=10%(0%)/0(0%)

Wave

Scale = .25"/Ft.

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSP Building Component Safety Information, by IP1 and WCA, for safety and erection practices to permit non-combustible top chord walls having properly attached structural sheathing and battens. Walls shall have a properly attached BCSP ceiling. Ceilings shown for permanent lateral restraint would not have bracing installed per BCSP sections 83.87 or 83.88, as applicable.

[illegible]

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

03/07/2011

SPACING 24.0"

REF- 1UA1487_Z01

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

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.14" due to live load and 0.15" due to dead load.

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

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

NOTE: Laterally brace bottom chord above filler at 2'0" O.C.
max. including a lateral brace at chord ends.

(**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

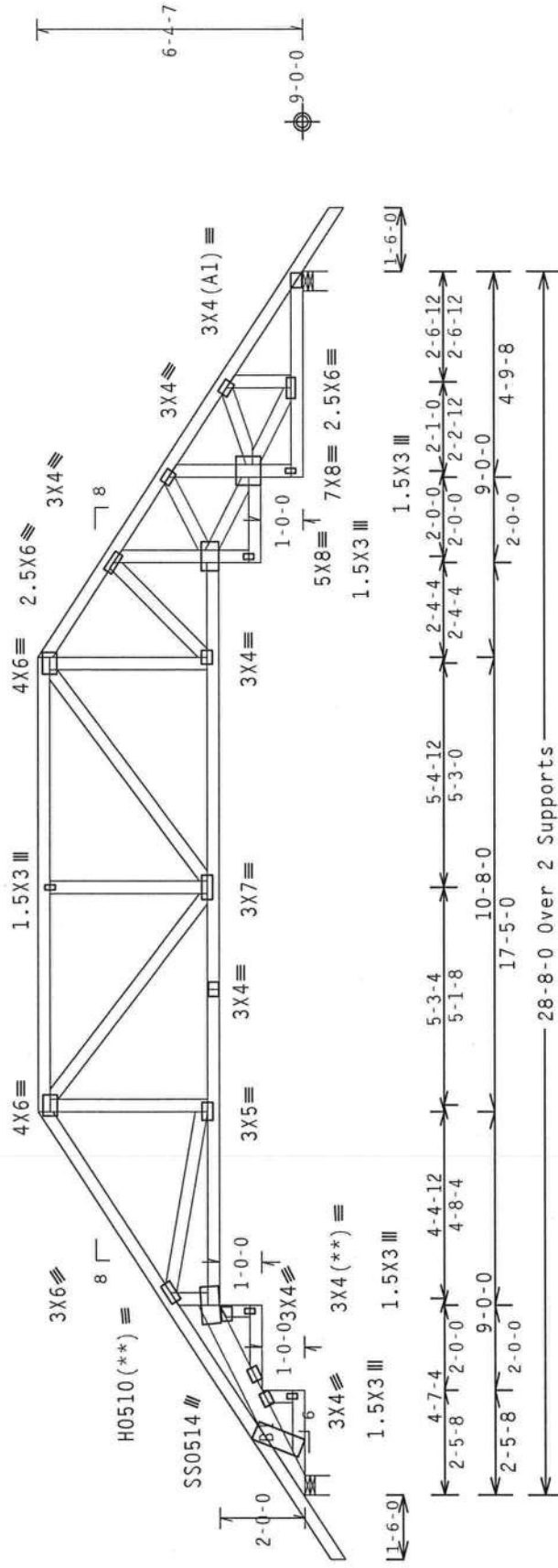
110 mph wind. 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

This truss is not reversible. Per ANSI/TPI 1-2002, Section 2.4.3 Truss Manufacturer is responsible to provide information for proper orientation of trusses. This information shall be provided to the contractor.



R-1344 U-19 W-5.5"
RL-177/-177

R=1282 U=18 W=5.5"

PLT TYP. 20 Gauge HS, 18 Gauge HS, Design Crit: FBC2007Res/TPI-2002 (9
Wave FT/RT=10%(0%) /0(0%)

Scale = .25"/Ft.

QTY:1 FL/-/4/-/-/R/-/

REF R487-- 89716

TC	LL	20.0	P
----	----	------	---

DATE 03/07/11

TC DL	10.0 P
-------	--------

DRW HCUSR487 11

BC DL	10.0 P
-------	--------

HC-ENG KD/DF

BC LL 0.0 P

SEQN- 188176

TOT.LD.	40.0 P
---------	--------

DUR.FAC.	1.25
----------	------

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Rigging must follow the latest edition of BCS's lifting competencies manual (TC-90). Truss erection practices may vary per project; however, all trusses shall comply with temporary bracing requirements. All other components shall have a properly attached structural sheathing or blocking chord. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing shall have bracing installed near BCS section 83, 87 or 810, as applicable.

ITW Building Components Group, Inc. (ITWBCG) shall not be responsible for any alterations or modifications to the drawings. ITWBCG shall be responsible for any shipping, handling, bracing of trusses, apply plates to each face of truss and position as shown and above details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/SPRI Sec. 2. For more information see: general rules page: I16-360; web: www.itwiprint.org; NCA; www.360information.com.

general notes page: 1
ICC: www.iccsafe.org

ALPINE

TTW Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

	Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense	
		webs	2x4	SP	#3	
:Lt	Wedge	2x6	SP	#2:		

Roof overhang supports 2.00 psf soffit load.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

11110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCp1 (+/-) -0.18

Wind reactions based on MWFRS pressures.

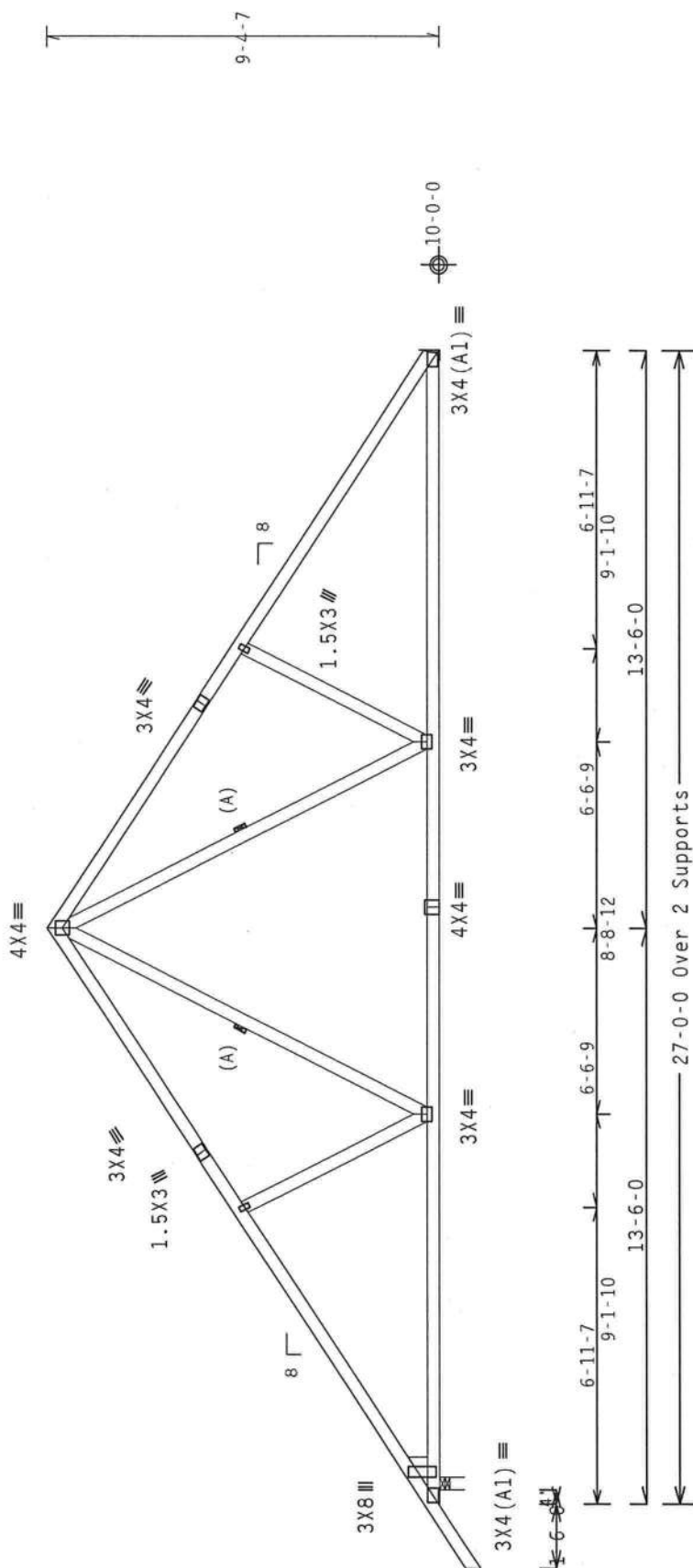
(A) Continuous lateral bracing equally spaced on member.

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

These hangers and support conditions used at bearings indicated.

(H1) - Simpson

(H2) = (J) Hanger not calculated



R-1357 U-105 W-3.5"
RL-217/-229

R=1212 U=84
H=H1

27-0-0 Over 2 Supports

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (8/9/07)
FT/RT=10%(0%) / 0(0)

Scale = .25"/Ft.

QTY:2 FL/-/4/-/-/R/-

REF R487-- 89717

TC LL	20.0 PSF
-------	----------

STIM
END

100

NOTES ON THIS SHEET:
IS INCLUDING INSTALLERS.

****WARNING** READ AND FOLLOW
FURNISH THIS DESIGN TO ALL CONTR**

*****IMPORTANT*****



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

Haines City, FL 33844

FL COA #0 278

1

(11-041--Fill in later BRYAN ZECHER/HARRISON -- . ** - F1)

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

End verticals not exposed to wind pressure.

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

Truss must be installed as shown with top chord up.

These hangers and support conditions used at bearings indicated.

(H1) = Simpson

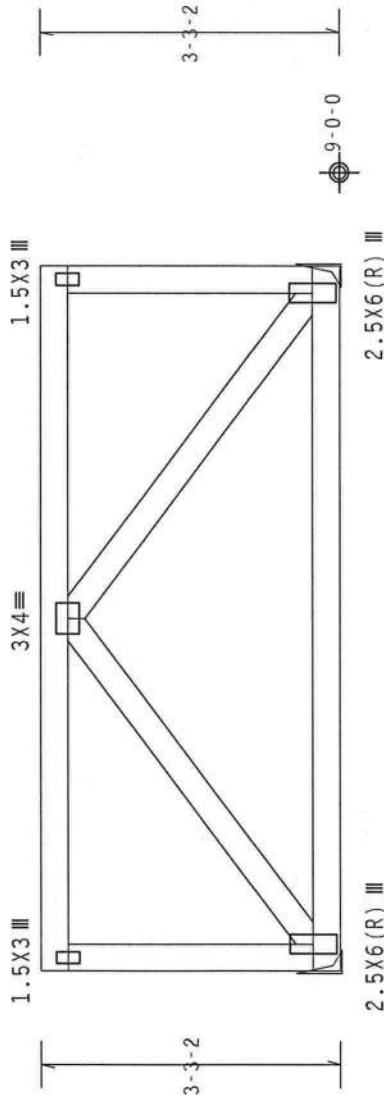
(H2) = (J) Hanger not calculated

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

Wind reactions based on MWFRS pressures.

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

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



R-303 U=33
H-H1

R-303 U=33
H-H2

PLT TYP. Wave

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

QTY: 1 FL/-4/-/-R/-

Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R487-- 89719
TC DL	10.0 PSF	DATE	03/07/11
BC DL	10.0 PSF	DRW	HCUSR487 11066054
BC LL	0.0 PSF	HC-ENG	KD/DF *
TOT.LD.	40.0 PSF	SEQN-	187417
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UA1487_Z01

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

****IMPORTANT**** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and BCSI) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI, unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing shall have a properly installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation, bracing of trusses. Apply plates to each face of truss and position as shown above and on the drawing or cover page listing this drawing. Indicates acceptance of professional engineering and the responsibility of the Building Designer per ANSI/TPI 1, Sec.2. For more information see: ITWBCG general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpiinst.org; NTC: www.ntcindustry.com; ICC: www.iccsafe.org

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER
03/07/2011

ALPINE

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

(11-041--Fill) in later BRYAN ZECHER/HARRISON --, ** - F2)

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf. 1W=1.00 GCPI(+/-)=0.18

End verticals not exposed to wind pressure.

Wind reactions based on MWFRS pressures.

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

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

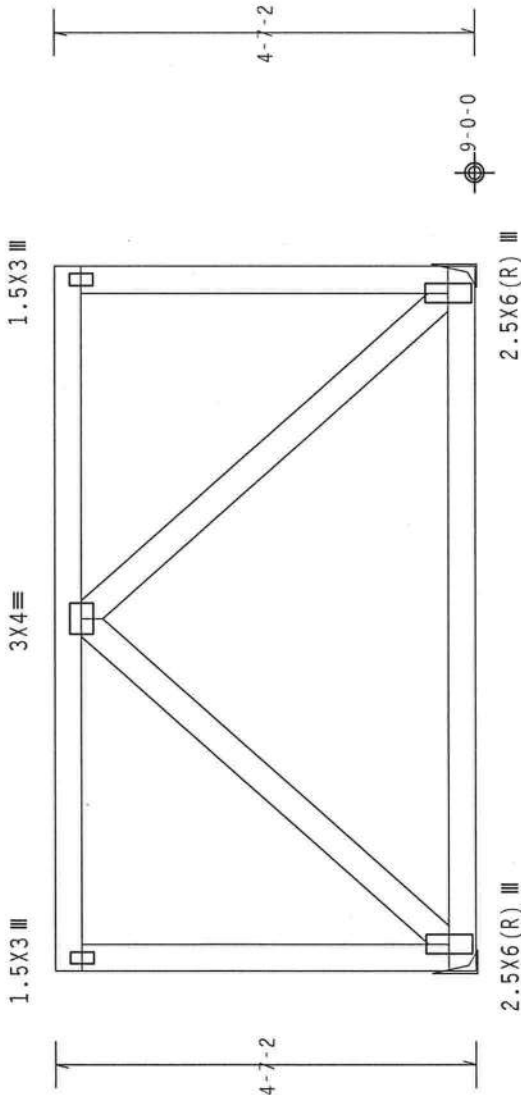
Truss must be installed as shown with top chord up.

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

These hangers and support conditions used at bearings indicated.

(H1) - Simpson

(H2) - (J) Hanger not calculated



R-303 U=33
H-H1

R-303 U=33
H-H2

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(50%
FT/RT=10%(0%)/0(0)

TY:1

FL/-4/-/-R/-

Scale =.5"/Ft.

TC LL	20.0 PSF	REF	R487--	89720
TC DL	10.0 PSF	DATE	03/07/11	
BC DL	10.0 PSF	DRW	HCUSR487	11066078
BC LL	0.0 PSF	HC-ENG	KD/DF	*
TOT.LD.	40.0 PSF	SEQN-	187421	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1UA1487_Z01	

ALPINE

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

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER

03/07/2011

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and
follow the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) safety
practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.
Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord
shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraining webs
shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation
any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping,
bracing or trusses. Apply plates to each face of truss and position as shown above and on
details, unless noted otherwise. Refer to drawings 1000-2 for standard plate positions. A
truss is a structural member and its use is subject to the limitations of the design shown. The
responsibility of the building designer per ANSI/TPI 1 Sec.2. For more information see:
general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpi1st.org; WCA: www.sbcindustry.com;
ICC: www.iccsafe.org

(11-041--Fill in later BRYAN ZECHE/HARRISON --, ** - H5G)

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 gcpl(+/-)-0.18

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

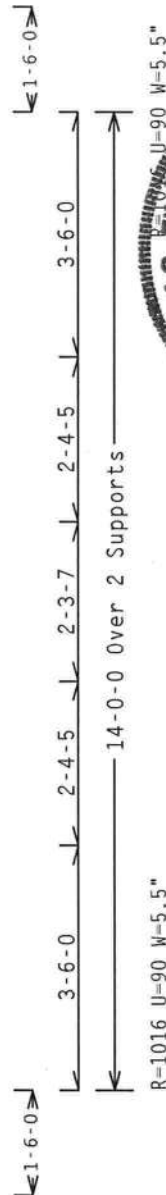
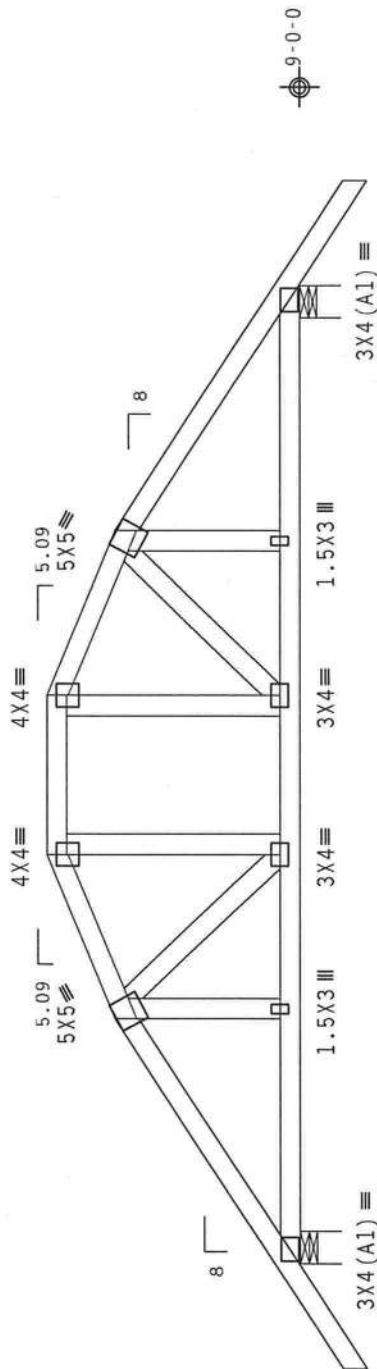
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER AND TRUSS FABRICATOR TO REVIEW THIS DWG PRIOR TO CUTTING LUMBER TO VERIFY THAT ALL DATA, INCLUDING DIMENSIONS AND LOADS, CONFORM TO THE ARCHITECTURAL PLANS/SPECIFICATIONS AND FABRICATOR'S TRUSS LAYOUT.

Special loads

-----Lumber
Dur.Fac.-1.25 / Plate Dur.Fac.-1.25)
TC- From 64 plf at -1.50 to 64 plf at 3.50
TC- From 31 plf at 3.50 to 31 plf at 5.86
TC- From 31 plf at 5.86 to 31 plf at 8.14
TC- From 31 plf at 8.14 to 31 plf at 10.50
TC- From 64 plf at 10.50 to 64 plf at 15.50
BC- From 5 plf at -1.50 to 5 plf at 0.00
BC- From 20 plf at 0.00 to 20 plf at 3.41
BC- From 10 plf at 3.41 to 10 plf at 10.59
BC- From 20 plf at 10.59 to 20 plf at 14.00
BC- From 5 plf at 14.00 to 5 plf at 15.50
TC- 126.02 lb Conc. Load at 5.00, 9.00
BC- 67.32 lb Conc. Load at 3.41, 10.59
BC- 88.79 lb Conc. Load at 5.00, 9.00
BC- 194.51 lb Conc. Load at 5.95, 8.05



 ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	Design Crit: FBC2007Res/TPI-2002 (S) FT/RT=10% (0%) / 0(0)		Scale = .375"/Ft.	
	WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET! FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety) Information, by TPI and BCSI for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design shown on this drawing. The user of this design shall be responsible for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, bracing or trusses. Apply plates to each face of truss and position as shown above and on details, unless noted otherwise. Refer to drawings 100-2 for standard plate positions. A drawing covering the entire truss shall be provided to the fabricator. The fabricator shall be responsible for the building design shown. The suitability and use of this design for any structure is the responsibility of the building designer per ANSI/TPI 1 Sec.2. For more information see: This general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WTCA: www.wtcaindustry.com; ICC: www.iccsafe.org		TY:1	
	No. 66648		TC LL 20.0 PSF	REF R487-- 89721
	STATE OF FLORIDA		TC DL 10.0 PSF	DATE 03/07/11
	PROFESSIONAL ENGINEER		BC DL 10.0 PSF	DRW HCUSR487 11066081
		BC LL 0.0 PSF	HC-ENG JB/DF	
		TOT.LD. 40.0 PSF	SEQN- 187446	
		DUR.FAC. 1.25		
		SPACING 24.0"	JREF- 1UA1487_Z01	
		03/07/2011		

(11-041--Fill in later BRYAN ZECHER/HARRISON -- ; ** - G)

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

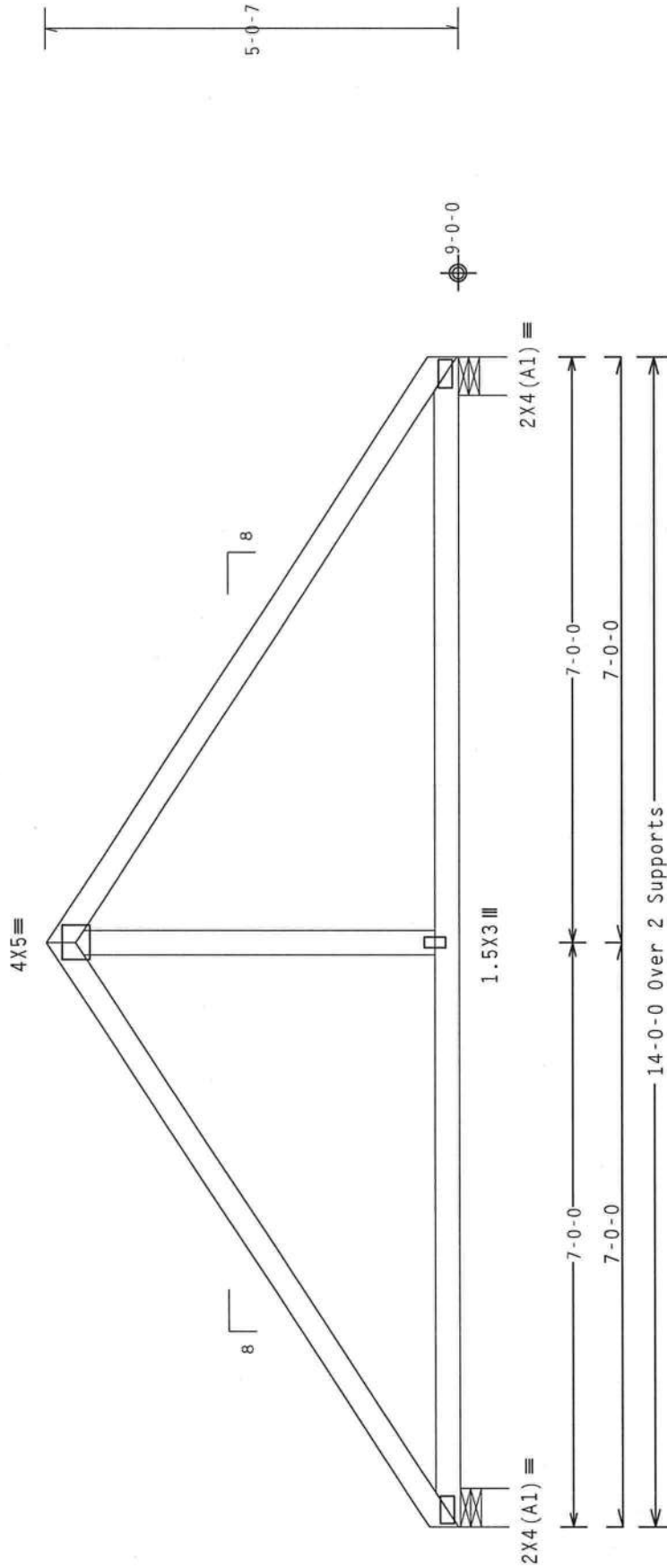
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLO5ED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

Wind reactions based on MWFRS pressures.

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

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



R-588 U-43 W-5.5"
RL-104/-104

R-588 U-43 W-5.5"

PLT TYP. Wave

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

Scale = .5"/Ft.

TC LL	20.0	PSF	REF	R487--	89722
TC DL	10.0	PSF	DATE	03/07/11	
BC DL	10.0	PSF	DRW	HCUSR487	11066077
BC LL	0.0	PSF	HC-ENG	KD/DF	*
TOT.LD.	40.0	PSF	SEQN-	187450	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1UA1487_Z01	



Haines City, FL 33844
FL COA #0278

03/07/2011

(11-041--Fill in later BRYAN ZECHER/HARRISON --, **, -- GG)

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

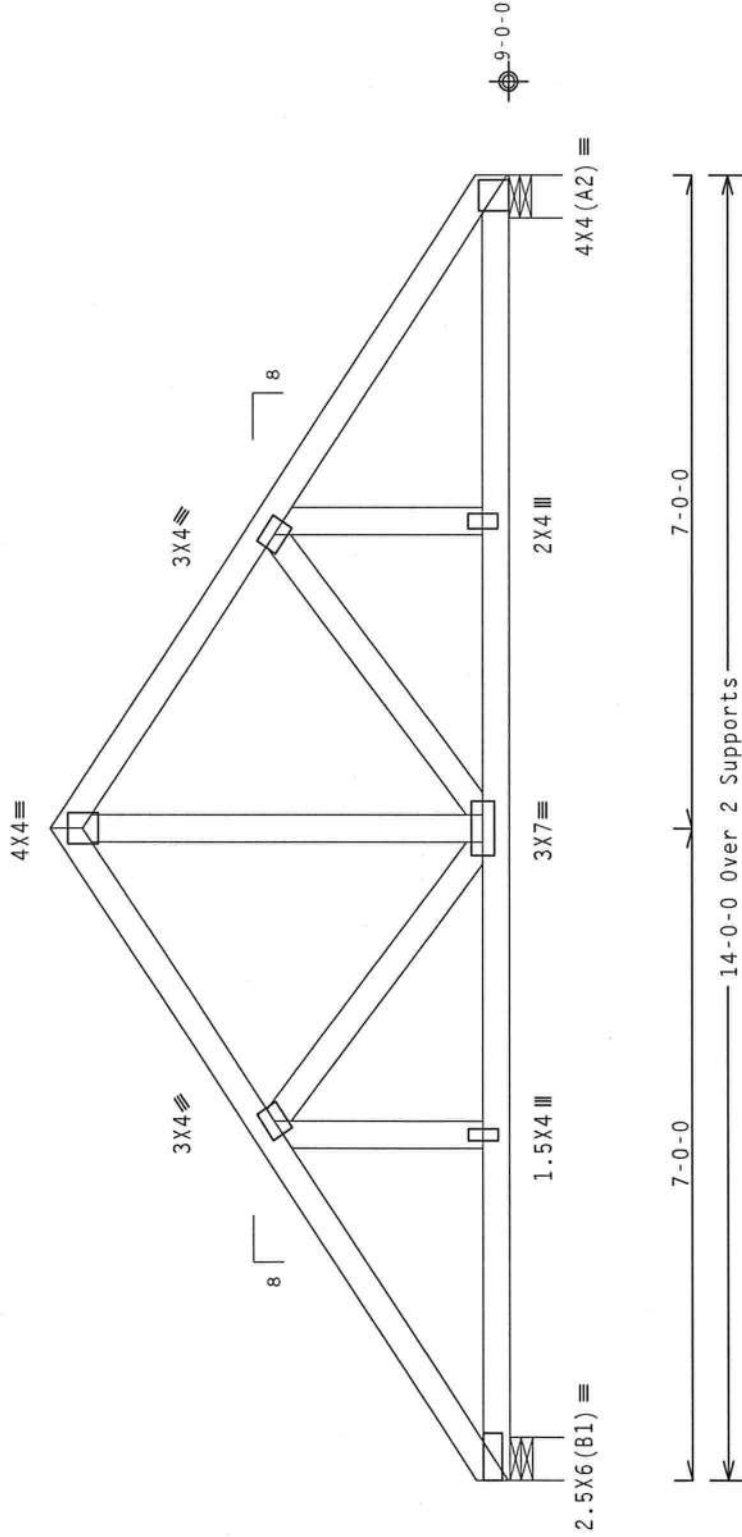
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf, 1w=1.00 GCp1(+/-)-0.18

Wind reactions based on MWFRS pressures.

Special loads

-----Lumber Dur.Fac.=1.25 / plate Dur.Fac.=1.25)
TC- From 64 plf at 0.00 to 64 plf at 7.00
TC- From 64 plf at 7.00 to 64 plf at 14.00
BC- From 10 plf at 0.00 to 10 plf at 14.00
BC- 299.48 lb Conc. Load at 0.90, 2.90, 4.90, 6.90
8.17, 9.44, 11.44, 13.44

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



R-1671 U-32 W=5.5"

14'-0-0 Over 2 Supports

R-1761 U-27 W=5.5"

PLT TYP. Wave

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

Scale =.5"/Ft.

TY:1 FL/-4/-/-/R/-

	TC LL	20.0 PSF	REF	R487--	89723
	TC DL	10.0 PSF	DATE	03/07/11	
	BC DL	10.0 PSF	DRW	HCUSR487	11066082
	BC LL	0.0 PSF	HC-ENG	JB/DF	
	TOT.LD.	40.0 PSF	SEQN-	187463	
	DUR.FAC.	1.25	JREF-	1UA1487_Z01	
SPACING		24.0"			

ALPINE

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

(11-041--Fill in later BRYAN ZECHER/HARRISON -- ** - H3H)

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

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

Wind reactions based on MWFRS pressures.

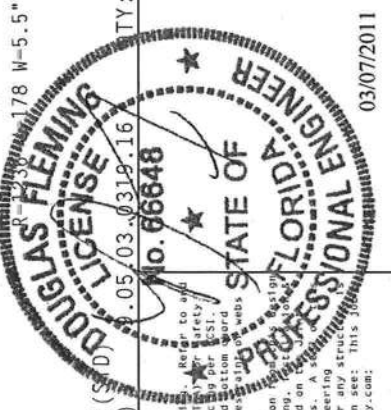
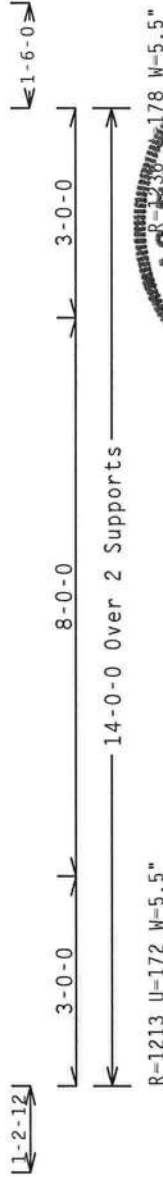
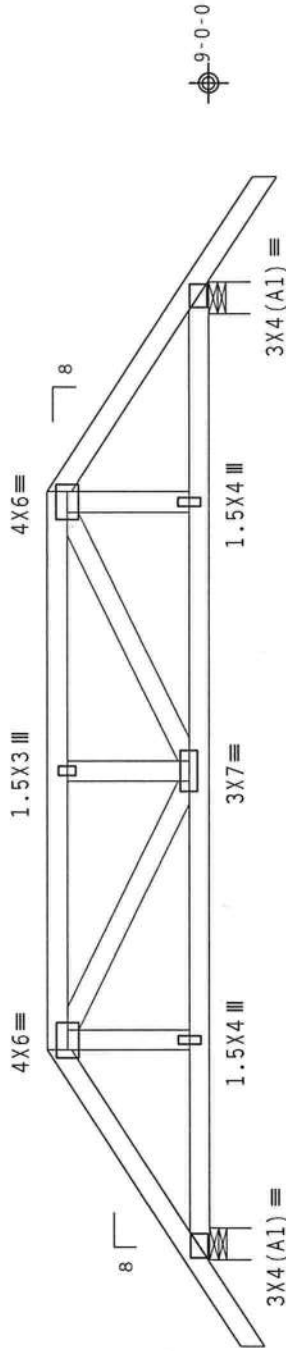
Roof overhang supports 2.00 psf soffit load.

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

Special loads

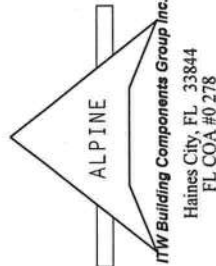
-----Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 64 plf at -1.23 to 64 plf at 3.00
TC- From 64 plf at 3.00 to 64 plf at 11.00
TC- From 64 plf at 11.00 to 64 plf at 15.50
BC- From 5 plf at -1.23 to 5 plf at 0.00
BC- From 20 plf at 0.00 to 20 plf at 14.00
BC- From 5 plf at 14.00 to 5 plf at 15.50
BC- 76.82 lb Conc. Load at 1.06,12.94
BC- 465.18 lb Conc. Load at 2.60,11.40

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



Design Crit: FBC2007Res/TPI-2002 (SFD)
FT/RT=10% (0%)/0 (0%)
Scale = .375"/Ft.

PLT TYP. Wave



TY:1	FL/-4/-/-/R/-	Scale = .375"/Ft.
TC LL	20.0 PSF	REF R487-- 89724
TC DL	10.0 PSF	DATE 03/07/11
BC DL	10.0 PSF	DRW HCUSR487 11066092
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 187366
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UA1487_Z01

(11-041--Fill in later BRYAN ZECHER/HARRISON --, ** - H5H)

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

Left end vertical not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load.

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

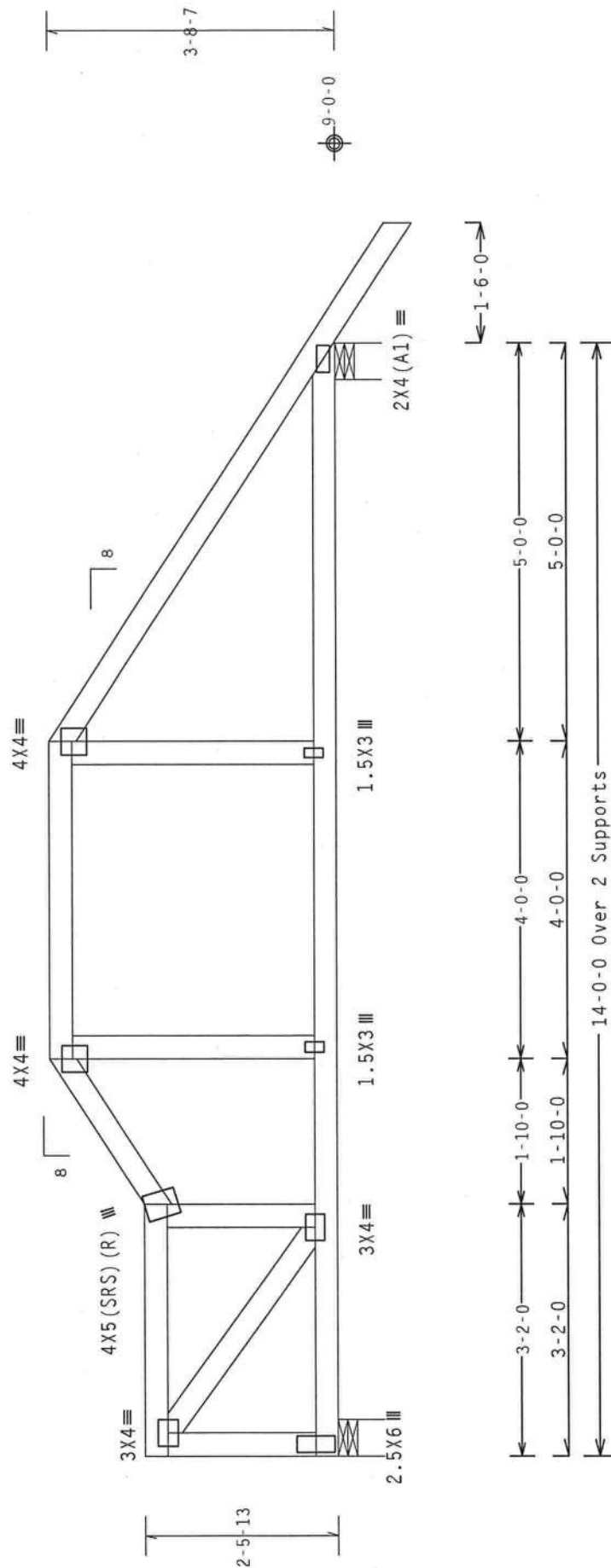
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. LW=1.00 GCp1(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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



R=75 U=56 W=5.5"
RL=69/-75

PLT TYP. Wave

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

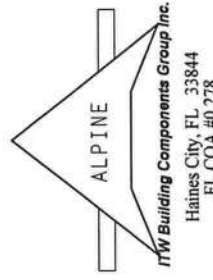
Scale = .5" / Ft.



WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing for BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral resistance shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, bracing or trusses. Apply plates to each face of truss and position as shown above and on details, unless noted otherwise. Refer to drawings for details. ITWBCG shall not be responsible for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WCA: www.sbcindustry.com; ICC: www.iccsafe.org



TC LL	20.0 PSF	REF	R487 - 89725
TC DL	10.0 PSF	DATE	03/07/11
BC DL	10.0 PSF	DRW	HCUSR487 11066072
BC LL	0.0 PSF	HC-ENG	KD/DF
TOT.LD.	40.0 PSF	SEON	187385
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1UA1487_Z01

(11-041--Fill in later BRYAN ZECHE/HARRISON -- . ** - H7)

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

11110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpf (+/-) 0.18

Left end vertical not exposed to wind pressure.

Wind reactions based on MWFRS pressures.

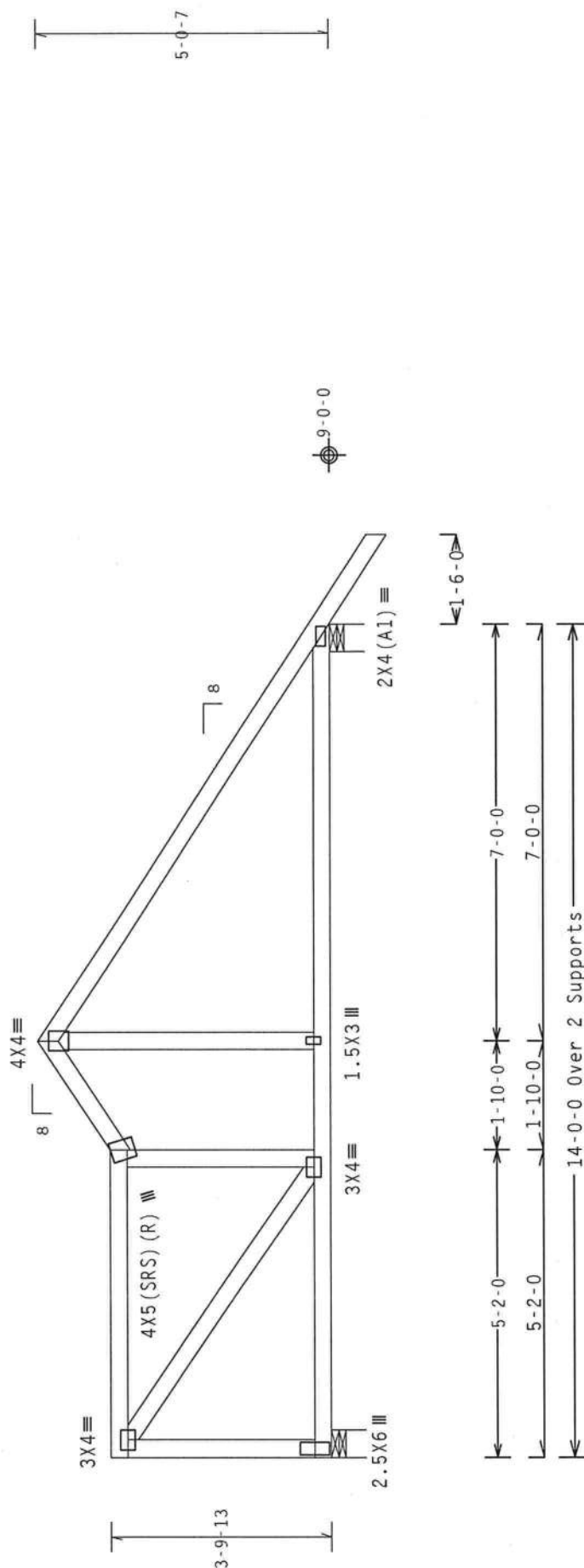
Roof overhang supports 2.00 psf soffit load.

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

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

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

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



R-575 U-62 W-5.5"

RL-79/-103

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

$$\text{Scale} = .375"/\text{Ft.}$$

QTY:1

FL/-/4/-/-/R/-/-

REF R487-- 89726

TC LL	20.0 PSF
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TW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

Haines City, FL 33844

FL COA #0 278

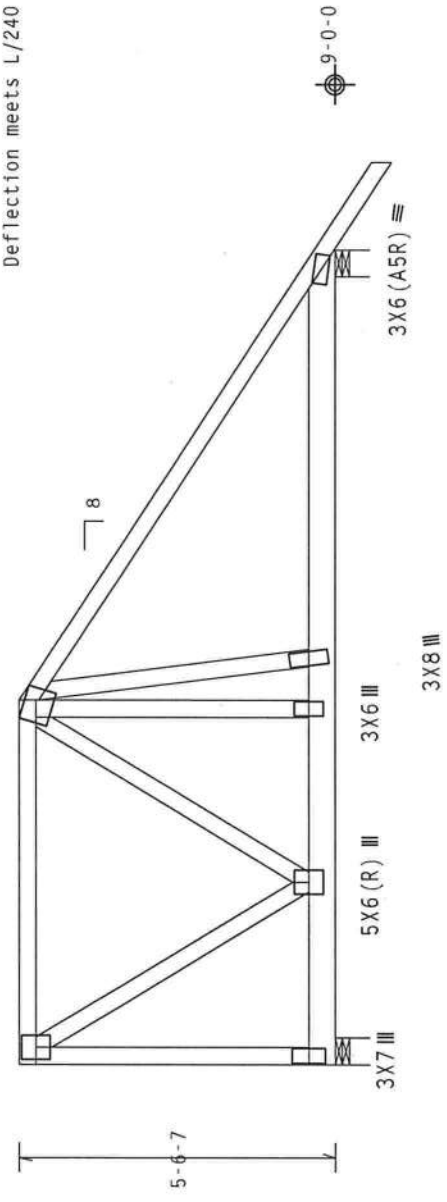
(11-041--Fill in later BRYAN ZECHER/HARRISON -- ** - HG)

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #2
Webs 2x4 SP #3

Special loads
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 64 plf at 0.00 to 64 plf at 6.25
TC- From 64 plf at 6.25 to 64 plf at 15.50
BC- From 10 plf at 0.00 to 10 plf at 6.94
BC- From 20 plf at 6.94 to 20 plf at 14.00
BC- From 5 plf at 14.00 to 5 plf at 15.50
BC- 1488.87 lb Conc. Load at 0.94
BC- 1428.48 lb Conc. Load at 2.94
BC- 1475.22 lb Conc. Load at 4.94
BC- 3832.12 lb Conc. Load at 6.94

Left end vertical not exposed to wind pressure.

5X6 (R) 3X7 3X6 (R) 7X6 (R) 3X8 3X6 (A5R)



2 COMPLETE TRUSSES REQUIRED

Na11 Schedule: 0.131"x3" nails
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 2 Rows @ 5.50" o.c. (Each Row)
Webs: 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpl(+/-)-0.18
Wind reactions based on MWFRS pressures.
Roof overhang supports 2.00 psf soffit load.
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Deflection meets L/240 live and L/180 total load.

6-3-0 7-9-0 14-0-0 Over 2 Supports
R-5881 U=537 W=5.5"
R-3534 U=412 W=5.5"
Scale = .3125"/Ft.



PLT TYP. Wave ALPINE rw Building Components Group Inc. Haines City, FL 33844 FL COA #0278	Design Crit: FBC2007Res/TPI-2002 (S) FT/RT=10% (0%) / 0 (0%)			QTY: 1			FL / - / 4 - / - / R / -			Scale = .3125" / Ft.		
	No. 66648			03/07/2011			TC LL			20.0 PSF		
	REF R487-- 89728			DATE 03/07/11			TC DL			10.0 PSF		
	DRW HCUSR487 11066084						BC DL			10.0 PSF		
	HC-ENG JB/DF						BC LL			0.0 PSF		
TOT.LD.			40.0 PSF			DUR.FAC.			1.25			
SPACING			24.0"			JREF-			1UA1487_Z01			

ALPINE

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

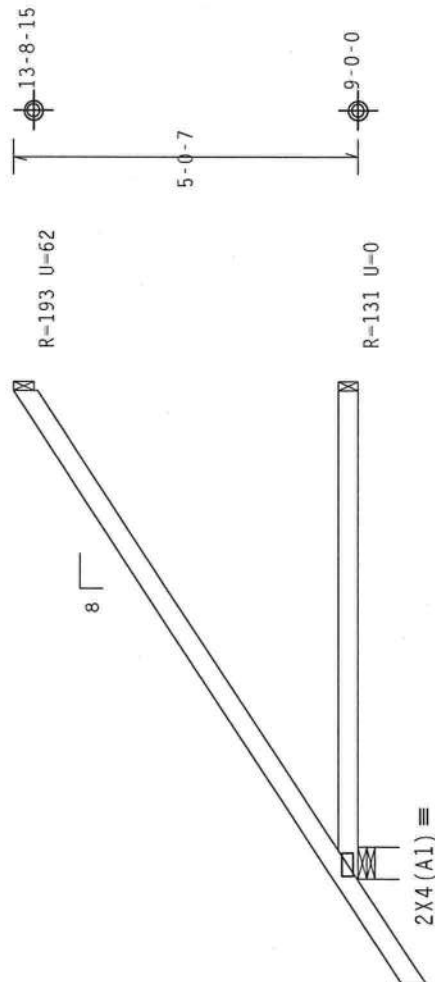
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR."

11110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpf (+/-)0.18

Wind reactions based on MWFRS pressures.

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

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



70

← 7-0-0 Over 3 Supports →

R-417 U=5 W=5.5"
RL-130/-61

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

QTY:24 FL/-/4/-/-/R/-
Scale =.375"/Ft.

PLT TYP. Wave

• IMPORTANT •

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSP (Building Component Safety Information, by TPI and ICC) for safety practices and details. Temporary bracing shall be provided in accordance with the manufacturer's instructions. Installers shall provide temporary bracing in accordance with the manufacturer's instructions.

DATE 00107/111

DATE 03/07/11

DRW HCUSR487 11066057

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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ALPINE

W Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

(11-041--Fill in later BRYAN ZECHER/HARRISON --, ** - C05)

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

Roof overhang supports 2.00 psf soffit load.

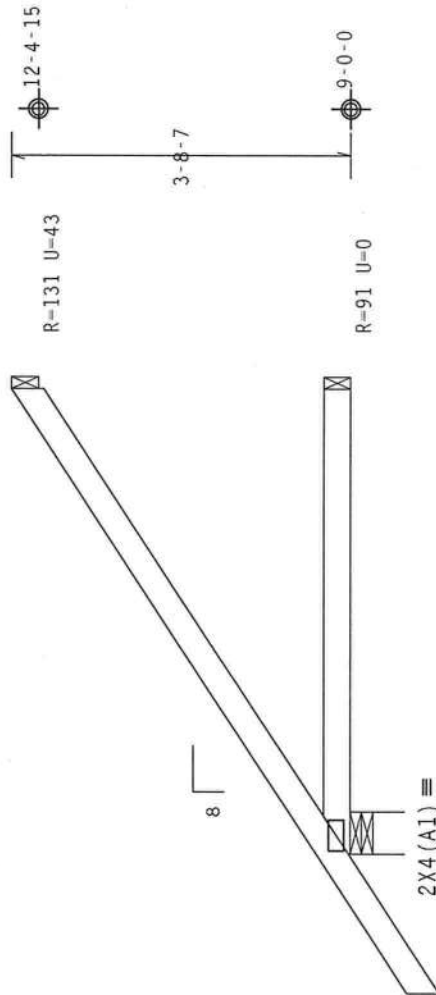
Bottom chord checked for 10.00 psf non-concurrent live load.

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

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

Wind reactions based on MMFRS pressures.

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



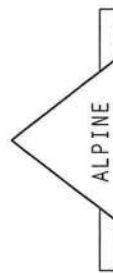
← 1-6-0 →

← 5-0-0 Over 3 Supports →

R-339 U=10 W=5.5"
RL=99/-51

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

PLT TYP. Wave



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

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and ICC) for safety practices prior to performing these functions. Installers shall provide temporary bracing and BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint web shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviations from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or bracing of trusses. Apply plates to each face of truss and position as shown above and on the bottom chord, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. The manufacturer shall be responsible for the design shown. The suitability and use of this design for any situation is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: The general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; MICA: www.sbcindustry.com; ICC: www.iccsafe.org



QTY: 7 FL/-/4/-/-/R/- Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R487--	89730
TC DL	10.0 PSF	DATE	03/07/11	
BC DL	10.0 PSF	DRW	HCUSR487	11066058
BC LL	0.0 PSF	HC-ENG	KD/DF	
TOT.LD.	40.0 PSF	SEQN-	187311	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1UA1487_Z01	

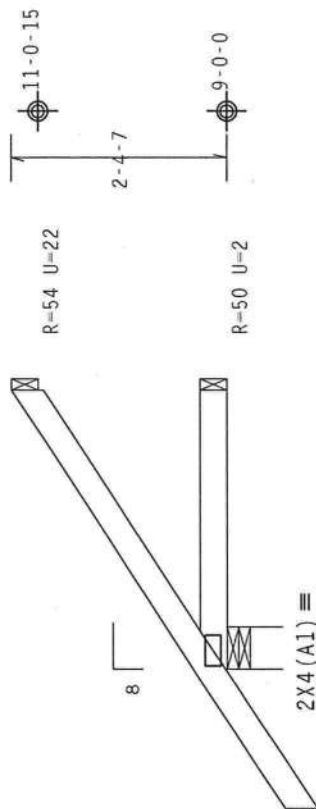
1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCp1 (+/-)=0.18

Species	Sex	Age	Weight (kg)	Length (cm)	Wing (cm)	Tail (cm)	Bill (cm)	Foot (cm)	Middle toe (cm)	Claw (cm)	Sexual load
PTC	From	64 plf	-1.50	to	64 plf	at	3.00				
BC	From	5 plf	-1.50	to	5 plf	at	0.00				
BC	From	20 plf	at	0.00	to	20 plf	at	3.00			
BC	From	28.00	1b Conc.	Load	at	-1.50					

Roof overhang supports 2.00 psf soffit load.

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

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



$\leftarrow 1-6-0 \rightarrow$
 $\leftarrow 3-0-0 \text{ Over 3 Supports} \rightarrow$

R=312 U=34 W=5.5"
RL=69/-42

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

PLT TYP: Wave

ITY:13 FL/-/4/-/-/R/-

Scale = .5"/Ft.

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
FORMALIN, THIS DECISION TO USE FORMALIN FOR THE INTERPRETATION OF THE RESULTS OF THE TESTS IS THE RESPONSIBILITY OF THE USER.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Please refer to and follow the latest edition of BCSI (Building Component Safety) Information, by IPI and NIA, for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. If practices noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraining bracing shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design.

[illegible][illegible]

the responsibility of the Building Designer per ANSI/ISO 1 Sec.2. For more information see: This job posting.

CC: www.1ccsafe.org

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

03/07/2011

SPACING 24.0"

1000	1111	107	701
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JREF- IUA148/_Z01

(11-041--Fill in later BRYAN ZECHER/HARRISON -- . ** - CJ1)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCp1(+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

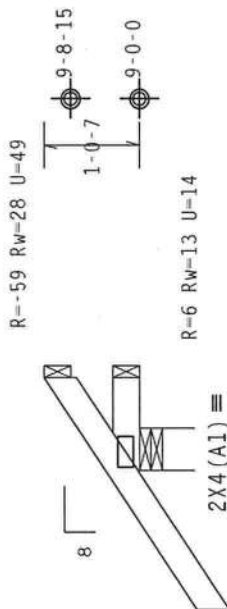
Wind reactions based on MWFRS pressures.

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

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

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

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



←1-6-0→
1-0-0 Over 3 Supports

R=261 U=44 W=5.5"
RL=38/-32

PLT TYP. Wave	Design Crit: FBC2007Res/TPI-2002 (310) FT/RT=10%(0%)/0(0)		QTY:16		FL/-4/-/-R/-		Scale =.5"/Ft.	
	TC LL		20.0 PSF		REF		R487-- 89732	
ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	TC DL		10.0 PSF		DATE		03/07/11	
	BC DL		10.0 PSF		DRW		HCUSR487 11066060	
	BC LL		0.0 PSF		HC-ENG		KD/DF	
	TOT.LD.		40.0 PSF		SEQN-		187317	
	DUR.FAC.		1.25		JREF-		1UA1487_Z01	
	SPACING		24.0"					



IMPORTANT: READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety) information, by TPI and W. Safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral resistance shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, bracing of trusses. Apply plates to each face of truss and position as shown above and on bracing of trusses. Refer to drawings 100A-2 for standard plate positions. A detailed drawing or cover page listing this drawing, indicates acceptance of professional engineering and the responsibility of the Building Designer per ANSI/TPI 1, Sec. 2. For more information see: This general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NICA: www.socinstitute.com; ICC: www.iccsafe.org

(11-041)--Fill in later BRYAN ZECHER/HARRISON --, ** - HJ7)

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

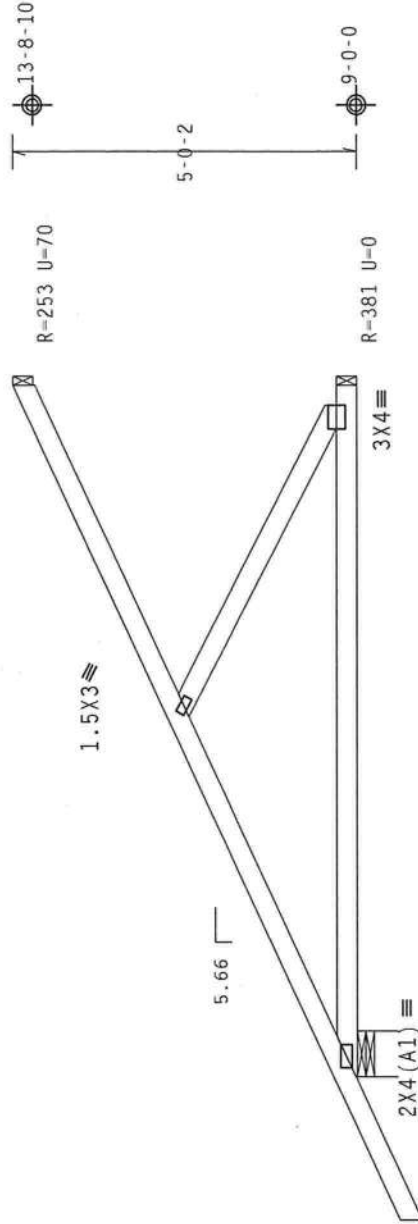
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf. Iw=1.00 GCp1 (+/-)-0.18

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

Wind reactions based on MWFRS pressures.

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

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



2-0-11

5-3-14 9-5-6 4-6-15
9-10-13 Over 3 Supports
R-466 U-49 W-7.778"

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (S01)
FT/RT=10%(0%)/0(0)

Scale = .375"/Ft.

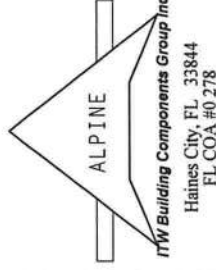
TC LL	20.0 PSF	REF	R487--	89733
TC DL	10.0 PSF	DATE	03/07/11	
BC DL	10.0 PSF	DRW	HCUSR487	11066061
BC LL	0.0 PSF	HC-ENG	KD/DF	
TOT.LD.	40.0 PSF	SEQN-	187320	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1UA1487_Z01	



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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WFA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral resistance of webs, shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, bracing of trusses. Apply plates to each face of truss and position as shown above and on the details, unless noted otherwise. Refer to the ITWBCG website for the latest information on the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NICA: www.sbcindustry.com; ICC: www.iccsafe.org



(11-041--F11) in later BRYAN ZECHER/HARRISON -- , ** - C111)

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

Roof overhang supports 2.00 psf soffit load.

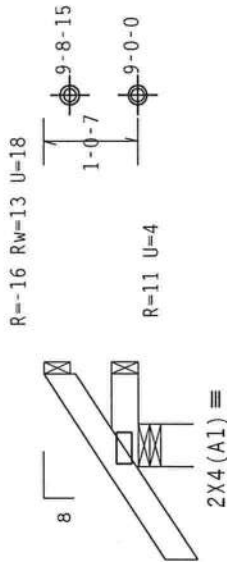
Bottom chord checked for 10.00 psf non-concurrent live load.

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

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

Wind reactions based on MWFRS pressures.

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



1'-0" over 3 supports
R=170 U=19 W=5.5"
RL=30/-23

PLT TYP. Wave

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

Scale = .5" / Ft.

TY: 4 FL / - 4 / - / R / -

 ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET! FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and BCSI) for safety practices prior to performing these functions. Installers shall provide temporary bracing and shoring unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral resistance devices shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, bracing or trusses. Apply plates to each face of truss and position as shown above and on the details, unless noted otherwise. Refer to drawings 1600-2 for standard plate positions. A complete set of drawings or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: general notes page: ITW-BG6: www.itwbcg.com; TPI: www.tpinat.org; NICA: www.nicaindustry.com; ICC: www.iccsafe.org	No. 66648	03/07/2011		
					
		TC LL	20.0 PSF	REF	R487 - - 89734
		TC DL	10.0 PSF	DATE	03/07/11
		BC DL	10.0 PSF	DRW	HCUSR487 11066062
		BC LL	0.0 PSF	HC-ENG	KD/DF *
		TOT.LD.	40.0 PSF	SEQN-	187305
DUR.FAC.		1.25			
SPACING		24.0"	JREF - 1UA1487_Z01		



(11-041--F111 in later BRYAN ZECHER/HARRISON -- , ** - E03)

Top chord 2x4 Sp #2 Dense
Bot chord 2x4 Sp #2 Dense

Roof overhang supports 2.00 psf soffit load.

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

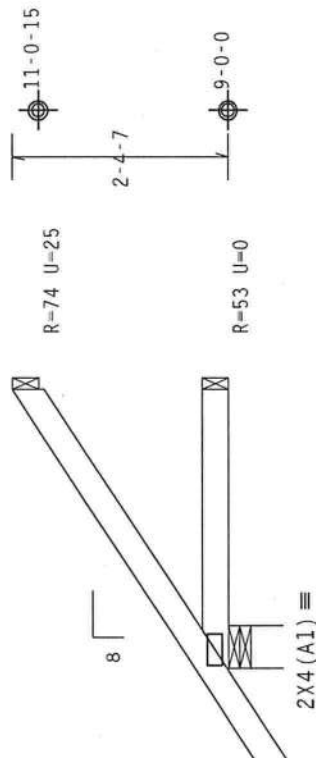
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCp1(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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



1' >

3'-0" Over 3 Supports

R=217 U=7 W=5.5"
RL=61/-33

PLT TYP. Wave

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

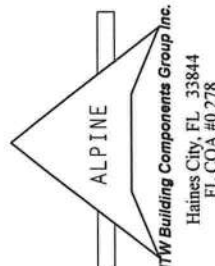
Scale = .5"/Ft.

QTY:2 FL/-4/-/-R/-

TC LL	20.0 PSF	REF	R487 - 89735
TC DL	10.0 PSF	DATE	03/07/11
BC DL	10.0 PSF	DRW	HCUSR487 11066063
BC LL	0.0 PSF	HC-ENG	KD/DF
TOT.LD.	40.0 PSF	SEON-	187323
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UA1487_Z01



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ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation, bracing of trusses. Apply plates to each face of truss and position as shown above and on details. Unless noted otherwise, trusses shall be installed in accordance with the details shown. The responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: the general notes page; ITW-BCG; www.itwbcg.com; TPI: www.tpinet.org; MICA: www.micaindustry.com; ICC: www.iccsafe.org



(11-041--Fill in later BRYAN ZECHER/HARRISON --, ** - HJ3)

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

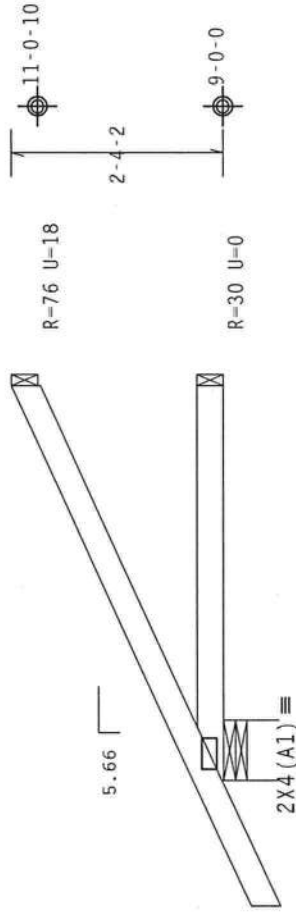
Hipjack supports 3-0-0 setback jacks with no webs.

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

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

Wind reactions based on MWFRS pressures.

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



4-2-15 Over 3 Supports
R-95 U-36 W-7.778"

PLT TYP. Wave

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

TY:2 FL/-/4/-/R/- Scale =.5"/Ft.

TC LL	20.0 PSF	REF	R487--	89736
TC DL	10.0 PSF	DATE	03/07/11	
BC DL	10.0 PSF	DRW	HCUSR487	11066064
BC LL	0.0 PSF	HC-ENG	KD/DF	
TOT.LD.	40.0 PSF	SEQN-	187326	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1UA1487_Z01	

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

****IMPORTANT**** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to all notes on this drawing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and MGA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral resistance are for webs. All bracing shall be installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, bracing or trusses. Apply plates to each face of top and bottom chords and on webs. Refer to the drawing or cover page listing this design. Indicates acceptance of professional engineering responsibility solely for the Building Designer per ANSI/TPI 1 Sec.2. For more information see: general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WCA: www.wcaindustry.com; ICC: www.iccsafe.org

DOUGLAS FLEMING
LICENSE
No. 86648
05/03/2018.16
STATE OF FLORIDA
PROFESSIONAL ENGINEER
03/07/2011

ALPINE

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

(11-041--Fill in later BRYAN ZECHER/HARRISON -- , ** - M1)

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

Roof overhang supports 2.00 psf soffit load.

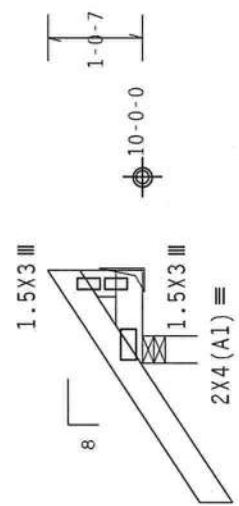
(H1) = (J) Hanger not calculated (1)2x4 SP #2 Dense supporting member.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg. Located anywhere in roof, CAT II, Exp B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1w=1.00 GCPI(+/-)-0.18

Wind reactions based on MMFRS pressures.

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

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



1'-6'-0"

1'-0'-0" over 2 supports

R-261 U-44 W-3.5"

R-38/-32
R-73 RW-41 U-63

H=H1

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

PLT TYP. Wave

Scale = .5"/Ft.

ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278 No. 66648 ★ STATE OF FLORIDA PROFESSIONAL ENGINEER 03/07/2011	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET! FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. **IMPORTANT** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by ITW and WEA) safety practices prior to performing these functions. Installers shall provide temporary bracing and BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from design or any failure to build the truss in conformance with ANSI/IPI 1, or for handling, shipping, bracing or bracing of trusses. Apply plates to each face of truss and position as shown above and on drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/IPI 1 Sec.2. For more information see: the general notes page: ITW-BCG: www.itwbcg.com; IPI: www.ipinst.org; NITCA: www.sbcindustry.com; ICC: www.iccsafe.org			
	TC LL	20.0 PSF	REF	R487-- 89737
	TC DL	10.0 PSF	DATE	03/07/11
	BC DL	10.0 PSF	DRW	HCUSR487 11066029
	BC LL	0.0 PSF	HC-ENG	KD/DF
	TOT.LD.	40.0 PSF	SEQN-	187336
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1UA1487_Z01	

****IMPORTANT****
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety) Information, by TPI and BCSI, for safety practices prior to performing these functions. Installers shall provide temporary bracing and safety practices noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have properly attached rigid ceiling. Locations shown for permanent lateral restraint and bracing shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

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

(11-041--Fill in later BRYAN ZECHER/HARRISON --, ** - HJM)

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

Roof overhang supports 2.00 psf soffit load.

(H1) = (J) Hanger not calculated (1)2x4 SP #2 Dense supporting member.

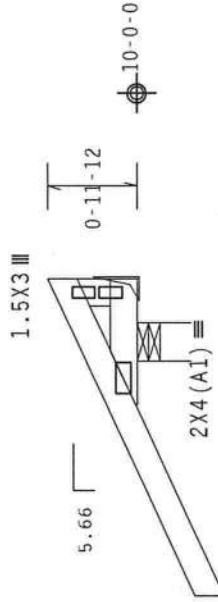
Bottom chord checked for 10.00 psf non-concurrent live load.

Negative reaction(s) of -347# MAX. (See below) from a non-wind load case requires uplift connection.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1w=1.00 GCpi (+/-)=0.18

Wind reactions based on MMFRS pressures.

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



2-0-11

1-2-8

1-4-4 over 2 Supports

R=595 U=135 W=4.949"

RL=37/-28

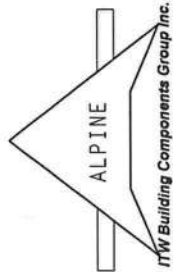
R=-347 RW=107 U=210

H=H1

Design Crit: FBC2007Res/TPI-2002(SD)

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

PLT TYP. Wave



TC LL	20.0 PSF	FL/-4/-/R/-	Scale = .5"/Ft.
TC DL	10.0 PSF	REF	R487-- 89738
BC DL	10.0 PSF	DATE	03/07/11
BC LL	0.0 PSF	DRW	HCUSR487 11066030
TOT.LD.	40.0 PSF	HC-ENG	KD/DF
DUR.FAC.	1.25	SEQN-	187333
SPACING	24.0"	JREF-	1UA1487_Z01

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

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CL05ED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpf (+/-)=0.18

Wind reactions based on MWFRS pressures.

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

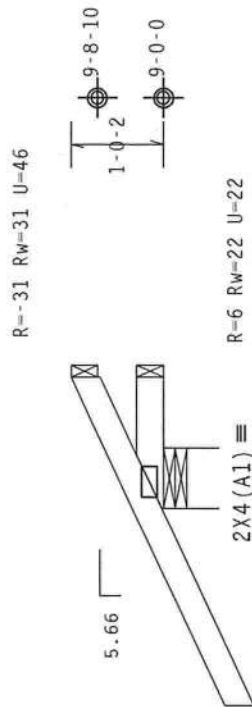
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

Special loads

Species	Sex	Age	Location	Year	Duration (min)	Plate	Factor	Factor
TC	From	0	pl at -2.12 to	62	pl at 0.00			
TC	From	2	pl at 0.00 to	2	pl at 1.41			
BC	From	0	pl at -2.12 to	4	pl at 0.00			
BC	From	2	pl at 0.00 to	2	pl at 1.41			

Roof overhang supports 2.00 psf soffit load.

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



R=159 RW=183 U=71 W=7.778"
RL=38/-29

PLT TYP. Wave

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

Scale = .5"/Ft.

REF R487 - - 89739
DATE 03/07/11
DRW HCUSR487 11066031
HC-ENG KD/DF
SEQN- 187339
JREF- 1UA1487 Z01

TC LL	20.0	PSF
TC DL	10.0	PSF
BC DL	10.0	PSF
BC LL	0.0	PSF
TOT.LD.	40.0	PSF
DUR.FAC.	1.25	
SPACING	24.0"	

03/07/2011

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

****IMPORTANT****

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Trusses are considered pre-engineered components. Contractors shall provide temporary bracing and practices prior to completing these functions. Installers shall provide temporary bracing and practices as noted otherwise. No chord shall have properly attached sheathing and bottom chord shall have a properly attached rafter ceiling. Locations shown for permanent lateral release shall have bracing installed per BC91 sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation of any building to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, or pricing of trusses. Apply plates to each face of truss and position as shown above and on details, unless noted otherwise. Refer to drawings 160A-2 For standard plate positions. A drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any particular application is the responsibility of the user. For more information, contact ITWBCG. General sales: TPI - www.tpinet.org; NICA - www.sbcindustry.com; ITW - www.itscfsafe.org



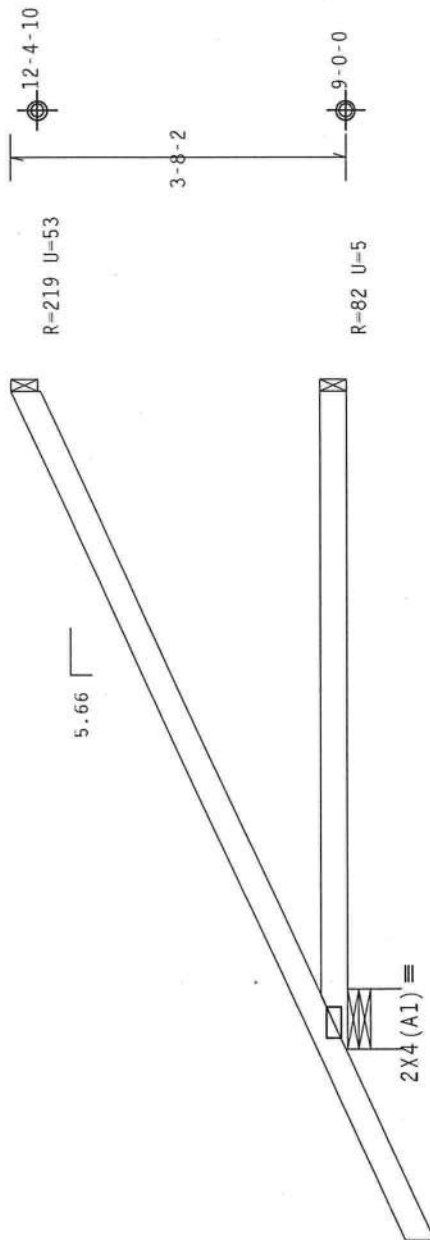
ALPINE
Building Components Group Inc.
 Haines City, FL 33844
 EL COA #0 778

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. IW=1.00 GCpf (+/-)=0.18

Wind reactions based on MWFRS pressures.

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



$\overleftarrow{\hspace{1.5cm}}$ 2-0-11 $\overrightarrow{\hspace{1.5cm}}$
 $\overleftarrow{\hspace{1.5cm}}$ 7-0-14 Over 3 Supports $\overrightarrow{\hspace{1.5cm}}$
 R=308 U=125 W=7.778"

PLT TYP. Wave

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

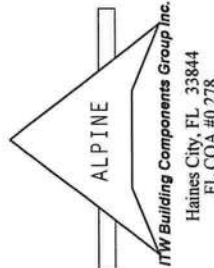
Scale = .5"/Ft.

TC LL	20.0 PSF	REF R487 - - 89740
TC DL	10.0 PSF	DATE 03/07/11
BC DL	10.0 PSF	DRW HCUR487 11066032
BC LL	0.0 PSF	HC-ENG KD/DF
TOT.LD.	40.0 PSF	SEQN- 187394
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UA1487_Z01

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET

IMPORTANT FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Be sure to read and follow the latest edition of BCSP (Building Component Safety) information, by TPJ and follow safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSP. If the manufacturer has noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral resistance shall have bracing installed per BCSP sections B3, B7 or B10, as applicable.

[illegible]

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

Roof overhang supports 2.00 psf soffit load.

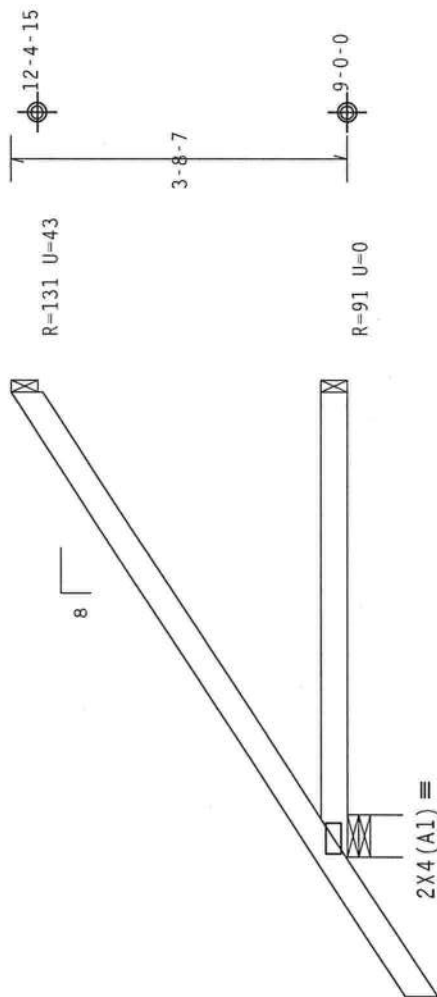
Bottom chord checked for 10.00 psf non-concurrent live load.

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

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpf (+/-) -0.18

Wind reactions based on MWFRS pressures.

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



1-6-0

← 5-0-0 Over 3 Supports -

R-339 U=10 W=5.5"
RL-99/-51

PLT TYP. Wave

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

QTY: 5

FL/-/4/-/-/R/-/-

Scale = .5"/Ft.

...IMPOUNTABLE

Techniques require extreme care in fabrication, handling, shipping, installation

Follow the latest edition of BCSl (Building Component Safety Information, by TPI and WCA) for safety

practices prior to performing these functions. Installers shall provide temporary bracing per ACI. /

shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs, unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord.

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

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation

any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation, or use.

recting of trusses. Apply plates to each face of truss and position as shown above and on details. Refer to drawings 160A-2 for standard plate positions. A steel angle is used unless noted otherwise.

drawing or cover page listing this drawing. Indicates acceptance of professional engineering

responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This Code. The responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This Code.

For more information see the responsibility of the building designer page: www.itwbcg.com; TPI: www.tpinst.org; WICA: www.sbcindustry.com; general notes page: www.itwbcg.com

CC: www.1ccsafe.org

ALPINE

TW Building Components Group Inc.

Union City, NJ 07080

nes City, FL 338
FL 338 40 378

FLCOA #0218

03/07/2011

00000000000000000000

Scale = .5"/Ft.
REF R487-- 89741
DATE 03/07/11
DRW HCUSR487 11065033
HC-ENG KD/DF
SEQN- 187397
JREF- 1UA1487 Z01

(11-041--Fill in later BRYAN ZECHER/HARRISON -- , ** - EJ41)

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

Roof overhang supports 2.00 psf soffit load.

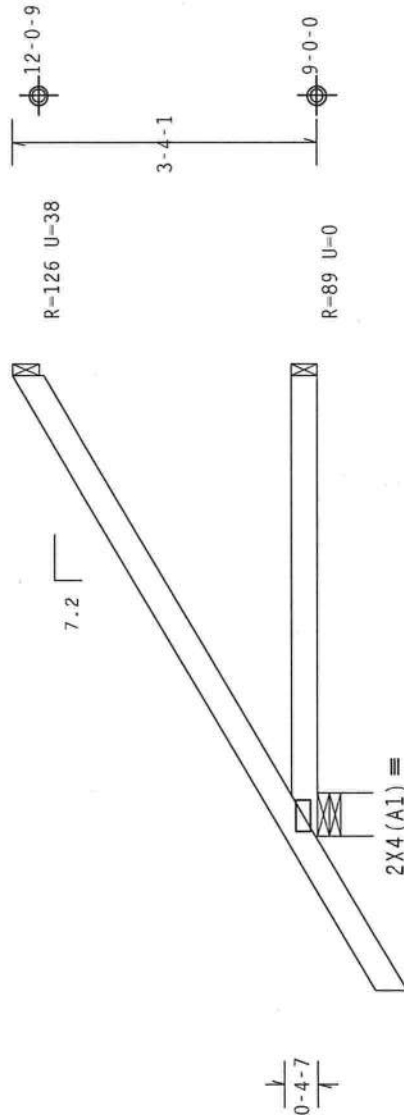
Bottom chord checked for 10.00 psf non-concurrent live load.

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

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

Wind reactions based on MWFRS pressures.

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



1-8-0

4-11-6 Over 3 Supports

R-349 U=19 W=5.5"
RL=91/-43

Design Crit: FBC2007Res/TPI-2002 (S 01)
FT/RT=10%(0%)/0(0)

Scale = .5" / Ft.

PLT TYP. Wave

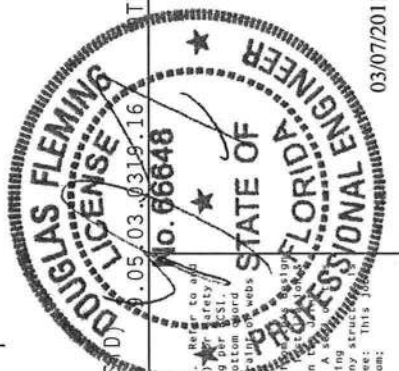
WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

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

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the bottom chord details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A truss is a structural member and the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This is a general notes page; ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NCA: www.ncaindustry.com; ICC: www.iccsafe.org



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



TC LL	20.0 PSF	FL/-4/-/-R/-	REF	R487--	89742
TC DL	10.0 PSF		DATE	03/07/11	
BC DL	10.0 PSF		DRW	HCUSR487	11066034
BC LL	0.0 PSF		HC-ENG	KD/DF	
TOT.LD.	40.0 PSF		SEQN	187424	
DUR.FAC.	1.25				
SPACING	24.0"		JREF	1UA1487_Z01	

(11-041--Fill in later BRYAN ZECHER/HARRISON -- . ** - HJ58)

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

Roof overhang supports 2.00 psf soffit load.

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

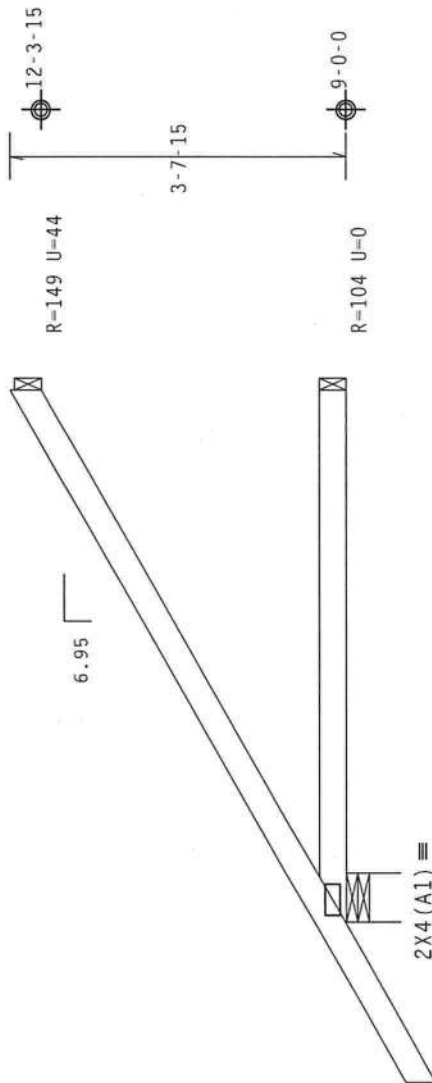
MMFRS loads based on trusses located at least 7.50 ft. from roof edge.

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

Wind reactions based on MMFRS pressures.

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

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



1-8-12

5-8-11 Over 3 Supports

R-382 U-21 W-6.335"
RL-99/-43

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

PLT TYP. Wave

Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R487-- 89743
TC DL	10.0 PSF	DATE	03/07/11
BC DL	10.0 PSF	DRW	HCUSR487 11066035
BC LL	0.0 PSF	HC-ENG	KD/DF
TOT.LD.	40.0 PSF	SEQN-	187431
DUR.FAC.	1.25	JREF-	1UA1487_Z01
SPACING	24.0"		



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and ICC) safety practices prior to performing these functions. Installers shall provide temporary bracing and BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections B5, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviations or modifications to this design. ITWBCG shall not be responsible for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation, bracing of trusses. Apply places to each face of truss and position as shown above and on the details, unless noted otherwise. Listing this drawing indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: ITWBCG general notes page: ITN-BG5; www.itwbcg.com; TPI: www.tpinet.org; ITCA: www.socindustry.com; ICC: www.iccsafe.org

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

(11-041--Fill in later BRYAN ZECHER/HARRISON -- , ** - HJ311)

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

Roof overhang supports 2.00 psf soffit load.

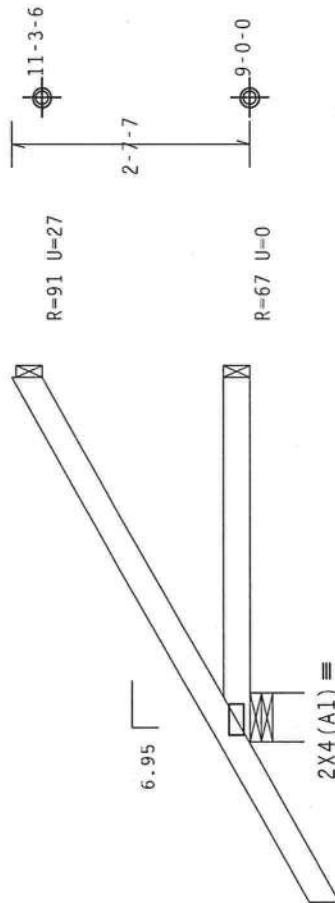
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0
psf. lw=1.00 GCp1(+/-)-0.18

Wind reactions based on MWFRS pressures.

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



← 1-8-12 →

← 3-11-1 Over 3 Supports →

R-318 U-24 W-6.335"
RL=75/-38

Design Crit: FBC2007Res/TPI-2002 (S 01)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

TY:2 FL/-4/-/-R/-

Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R487-- 89744
TC DL	10.0 PSF	DATE	03/07/11
BC DL	10.0 PSF	DRW	H05R487 11066036
BC LL	0.0 PSF	HC-ENG	KD/DF
TOT.LD.	40.0 PSF	SEQN-	187438
DUR.FAC.	1.25	JREF-	1UA1487_Z01
SPACING	24.0"		

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

****IMPORTANT**** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and W. J. Barlow Safety Practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral resistance of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, bracing of trusses. Apply plates to each face of truss and position as shown above and on the back of details, unless noted otherwise. It is the responsibility of the installer to ensure that the truss is installed in accordance with the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NICA: www.sbcindustry.com; ICC: www.iccsafe.org

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER
03/07/2011

ALPINE

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

(11-041--Fill) in later BRYAN ZECHER/HARRISON -- . ** - CJ5T)

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

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

Roof overhang supports 2.00 psf soffit load.

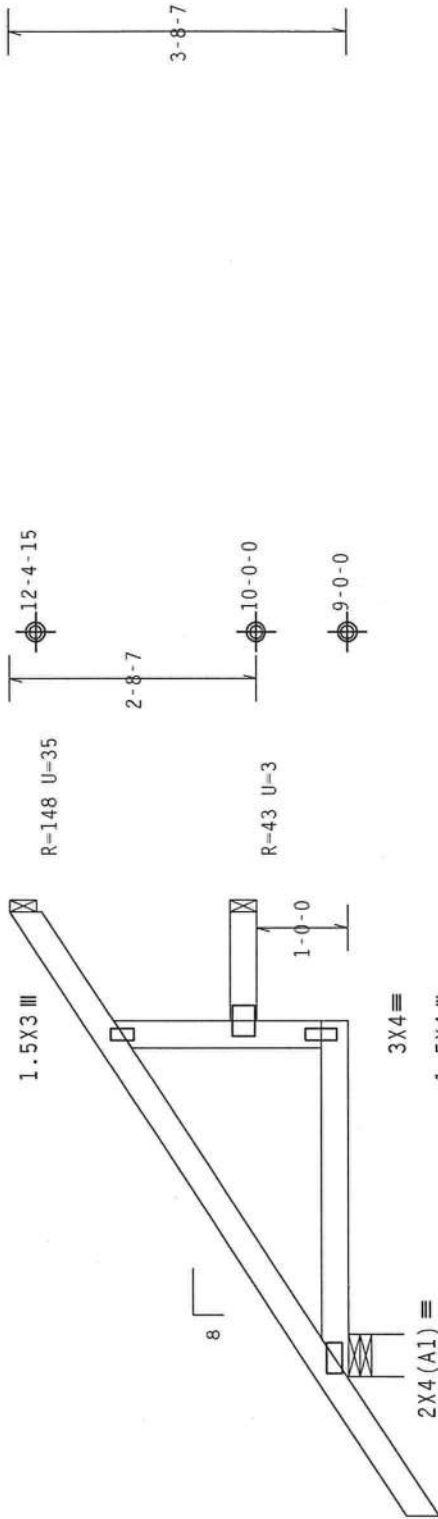
Wind reactions based on MWFRS pressures.

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

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

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

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



1-6-0

3-8-3
3-9-15

3-9-15
5-0-0 Over 3 Supports

R=339 U=10 W=5.5"
RL=99/-51

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

Scale = .5" / Ft.

PLT TYP. Wave

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET

IMPORTANT FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and ICC) for safety practices prior to performing these functions. Installers shall provide temporary bracing and safety unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of trussing position as shown and on the inside of the trussing. The responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This drawing's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NCA: www.ncaindustry.com; ICC: www.iccsafe.org



TC LL	20.0 PSF	FL/-4/-/-R/-	QTY: 2	Scale = .5" / Ft.
TC DL	10.0 PSF			REF R487-- 89745
BC DL	10.0 PSF			DATE 03/07/11
BC LL	0.0 PSF			DRW HCUSR487 11066037
TOT.LD.	40.0 PSF			HC-ENG KD/DF
DUR.FAC.	1.25			SEQN- 187454
SPACING	24.0"			JREF- 1UA1487_Z01

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

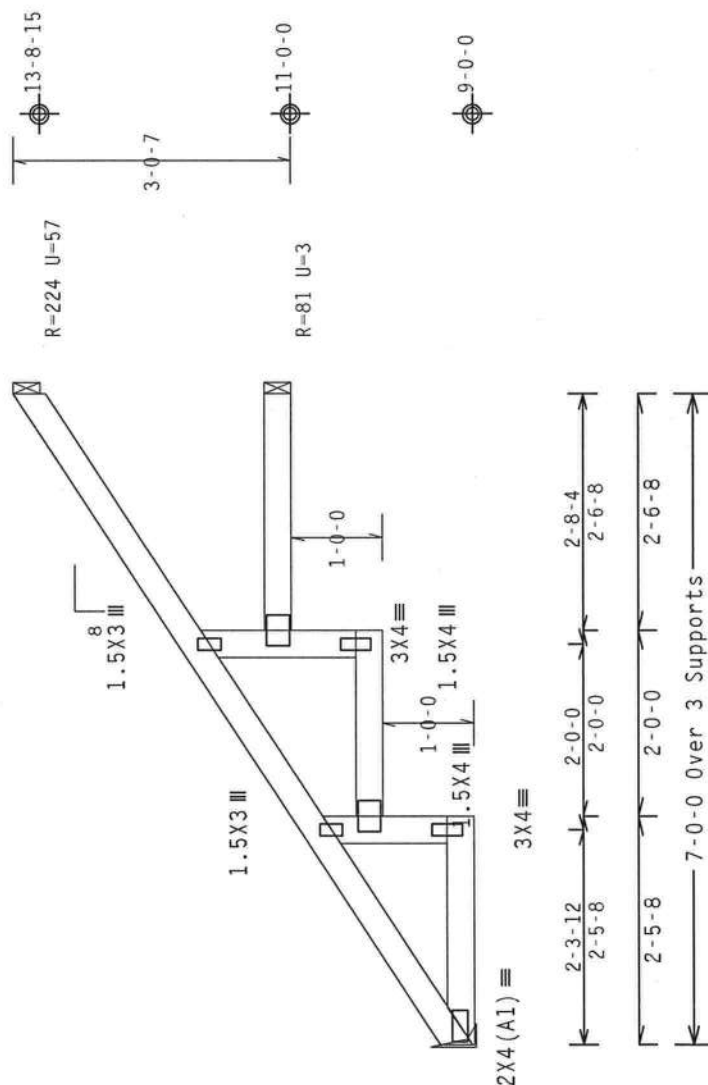
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind TC DL=5.0 psf, Iw=1.00 GCp1(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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

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

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

Scale = .5"/Ft.

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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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EF R487-- 89746

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of RCSI Building Component Safety Information, "Temporary bracing of RCSI trusses," for additional details. Top chord shall have properly attached structural sheathing and bottom chord shall have properly attached rici ceiling. Ceilings shown for permanent lateral restraint. Web shall have bracing installed per RCSI sections 83, 87 or 810, as applicable.

[illegible]

DATE 03/07/11

any deviation from the...

BC	TL	0.0	PSF

IC-ENG KD/DF

Apply plates to each face of truss and position as shown above and on layout for bracing of trusses. Refer to drawings 160A-2 for standard plate positions. A

TOT.LD.	40.0 PSF
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EQN- 187459

responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer. For more information see: Introduction to the drawing or cover page listing this drawing. Indicates acceptance of professional engineering registration number ABSE/TP1 1 Sec.2. For more information see: Introduction to the drawing or cover page listing this drawing.

DUR.FAC.	1.25
----------	------

100

general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinst.org; WICA: www.sbcindustry.com;

2011 SPACING 24 0"

DEE- 111A1A87 701

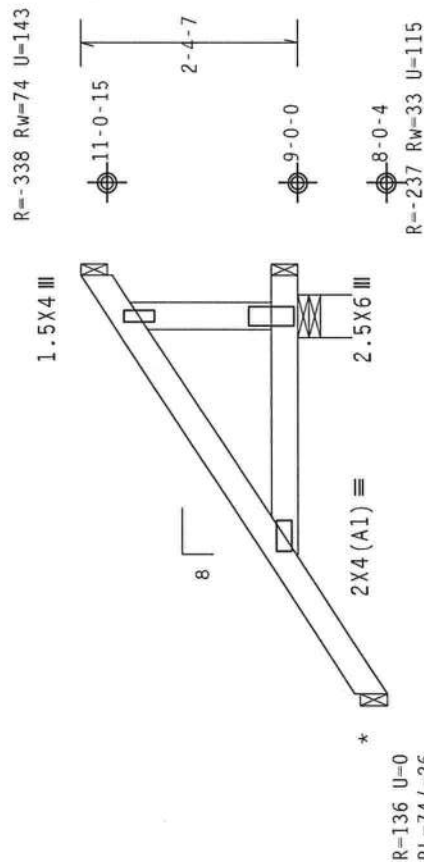
Negative reaction(s) of -338# MAX. (See below) from a non-wind load case requires uplift connection.

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi (+/-)0.18

Wind reactions based on MWFRS pressures.

Shim all supports to solid bearing.

* SUB-FASCIA BEAM AND CONNECTIONS TO BE DESIGNED AND FURNISHED BY OTHERS.



R-818 U-153 W-5.5"

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

Scale = 5" / Ft.

 nTW Building Components Group Inc. Haines City, FL 33844 Tel. 800.400.278	**IMPORTANT**		**WARNING**		
	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSP (Building Component Safety) Information, by IP1 and IP2, and the nTW Building Components Group Chord Manual, by CH1 and CH2, for details and instructions. If you are not a trained installer, please contact your local distributor or nTW Building Components Group for more information. See: www.nwbuildingcomponents.com . If you are a trained installer, please refer to the training manual for permanent lateral bracing. Locations shown for permanent lateral bracing shall have bracing installed per BCSP sections B3, B7 or B10, as applicable.				
	nTW Building Components Group Inc. (11486G) shall not be responsible for any deviation from design or any failure to build the truss in conformance with ANSI/PPI 1, or for handling, shipping, storage or bracing of trusses. Apply plates to each face of truss and position as shown above and other than details, unless noted otherwise. Refer to drawings 1609A-Z for standard plate positions.				
	drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structural application is the responsibility of the building designer. Per PPI 1, Sec. 2.2. For more information see: www.nwbuildingcomponents.com . If you are a trained installer, please refer to the training manual for permanent lateral bracing. Locations shown for permanent lateral bracing shall have bracing installed per BCSP sections B3, B7 or B10, as applicable.				
	ICG: www-1ECSafe.org ITM-Build: www-ITMBuild.org WCA: www-wcaindustry.com				
		No. 66648		03/07/2011	
		STATE OF FLORIDA		PROFESSIONAL ENGINEER	
		TC LL		20.0 PSF	
		TC DL		10.0 PSF	
		BC DL		10.0 PSF	
		BC LL		0.0 PSF	
		TOT.LD.		40.0 PSF	
		DUR.FAC.		1.25	
		SPACING		24.0"	
		REF		R487 -- 89747	
		DATE		03/07/11	
		DRW		HCUSR487 11066025	
		HC-ENG		KD/DF	
		SEQN-		187468	
		JREF-		1UA1487_Z01	

(11-041--Fill in later BRYAN ZECHER/HARRISON --, ** - CJ5C)

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. IW=1.00 GCp1 (+/-)-0.18

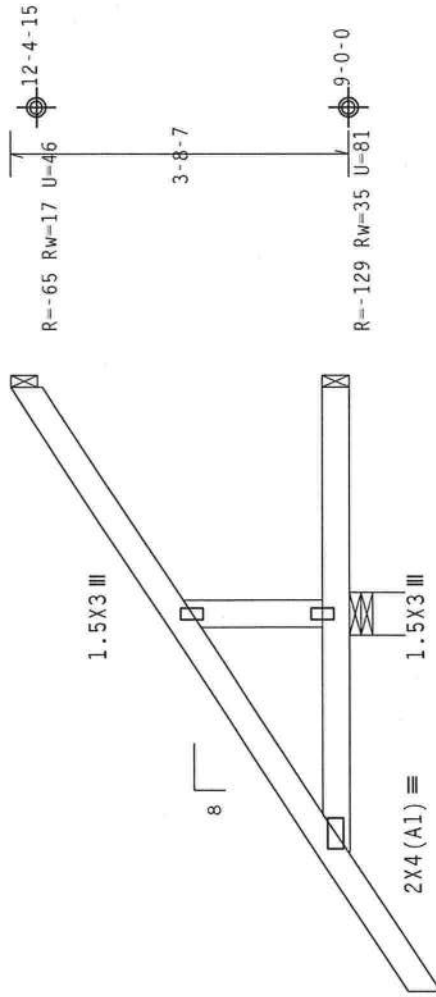
Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

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

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

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



Design Crit: FBC2007Res/TPI-2002(S
FT/RT=10%(0%) /0(0)
R=717 U=38 W=5.5"
RL=99/-51

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(S
FT/RT=10%(0%) /0(0)
R=717 U=38 W=5.5"
RL=99/-51

PLT TYP. Wave		Scale = .5"/Ft.	
TYP:1		FL/-/4/-/-/R/-	REF R487-- 89748
TC LL		20.0 PSF	DATE 03/07/11
TC DL		10.0 PSF	DRW HCUSR487 11066026
BC DL		10.0 PSF	HC-ENG KD/DF
BC LL		0.0 PSF	SEQN- 187471
TOT.LD.		40.0 PSF	
DUR.FAC.		1.25	
SPACING		24.0"	JREF- 1UA1487_Z01

ALPINE

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

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER

03/07/2011

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and Building Safety Practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral resistance of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, bracing of trusses. Apply plates to each face of truss and position as shown above and on details, unless noted otherwise. Refer to drawings 100-2 for standard plate positions. ITWBCG shall not be responsible for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpiinst.org; MICA: www.sbcindustry.com; ICC: www.iccsafe.org

(11-041--Fill) In later BRYAN ZECHER/HARRISON -- . ** - HJ7TC)

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

The following trusses need concentrated loads at the end of their overhangs: 7-0-0 span/setback member on the 2-4-0 cant side requires 178 lbs and the 3-0-0 span/setback member on the 0-0-0 cant side requires 28 lbs.

Hipjack supports 7-0-0 setback jacks with 2-4-0 cantilever one face; 0-0-0 cantilever opposite face.

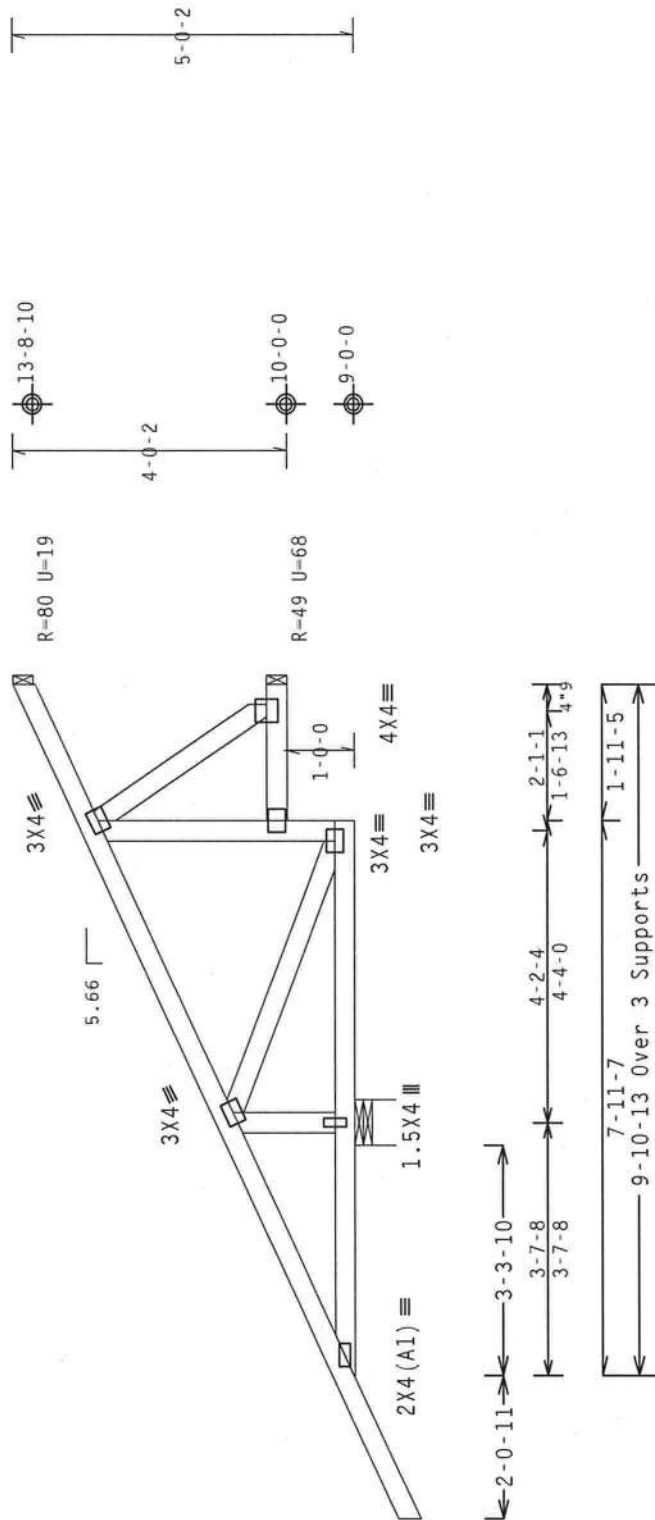
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. Iw=1.00 GCpi (+/-)-0.18

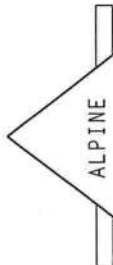
Wind reactions based on MMFRS pressures.

Sub-fascia beam assumptions: 8-5-8 sub-fascia beam on the 2-4-0 cantilever side. 4-5-8 sub-fascia beam on the 0-0-0 cantilever side.

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

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

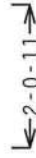


PLT TVP. Wave  ITH Building Components Group Inc. Haines City, FL 33844 FL COA #0278	Design Crit: FBC2007Res/TPI-2002 (S/D) FT/RT=10% (0%) / 0 (0)		TY:1		FL/-4/-/-R/-		Scale = .375"/Ft.	
	IMPORTANT FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and BCSI) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral resistance of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. ITH Building Components Group Inc. (ITBGI) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, bracing of trusses. Apply plates to each face of truss and position as shown above and on the drawing or cover page listing this drawing. Indicates extension of previous design. A seal is required for the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This drawing general notes page: ITH-BCSI: www.ithbcg.com; TPI: www.tpinet.org; NICA: www.nicaindustry.com; ICC: www.iccsafe.org		No. 66648		05-03-0319-16			
					TC LL 20.0 PSF		REF R487-- 89749	
					TC DL 10.0 PSF		DATE 03/07/11	
					BC DL 10.0 PSF		DRW HCUSR487 11066027	
				BC LL 0.0 PSF		HC-ENG KD/DF		
				TOT.LD. 40.0 PSF		SEQN- 187476		
				DUR.FAC. 1.25				
				SPACING 24.0"		JREF- 1UA1487_Z01		
				03/07/2011				

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCp1(+/-)=0.18

Wind reactions based on MWFRS pressures.



6-3-11 2-0-0 1-7-2
9-10-13 Over 3 Supports

R-466 U-49 W-7.778"

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

Scale = .375"/Ft.

TC LL	20.0	PSF	REF R487--	89750
TC DL	10.0	PSF	DATE	03/07/11
BC DL	10.0	PSF	DRW	HCUSR487 11066028
BC LL	0.0	PSF	HC-ENG	JB/DF
TOT.LD.	40.0	PSF	SEQN-	187555
DUR.FAC.	1.25			
SPACING	24.0"		JREF-	1UA1487_Z01

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of GCSI (Building Components Safety Information, by 1 and 2) and the GCSI website (www.gcsi.com) for more information. To ensure proper installation, follow the attached drawings. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing to web shall have bracing installed per GCSI sections 83, 87 or 810, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviations or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, bracing of trusses. Apply plates to each face of truss and position as shown above and details, unless noted otherwise. Refer to drawings 1609-2 for standard plate positions. Drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility of the Building Designer per ANSI/TPI 1, Sec. 2. For more information or general notes please: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NIA: www.sbcindustry.com; ICC: www.iccsafe.org



ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

	Top	Bot	Dense
chord	2x4	SP	#2
chord	2x6	SP	#2
webs	2x4	SP	#3

11110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpf(+/-)-0.18

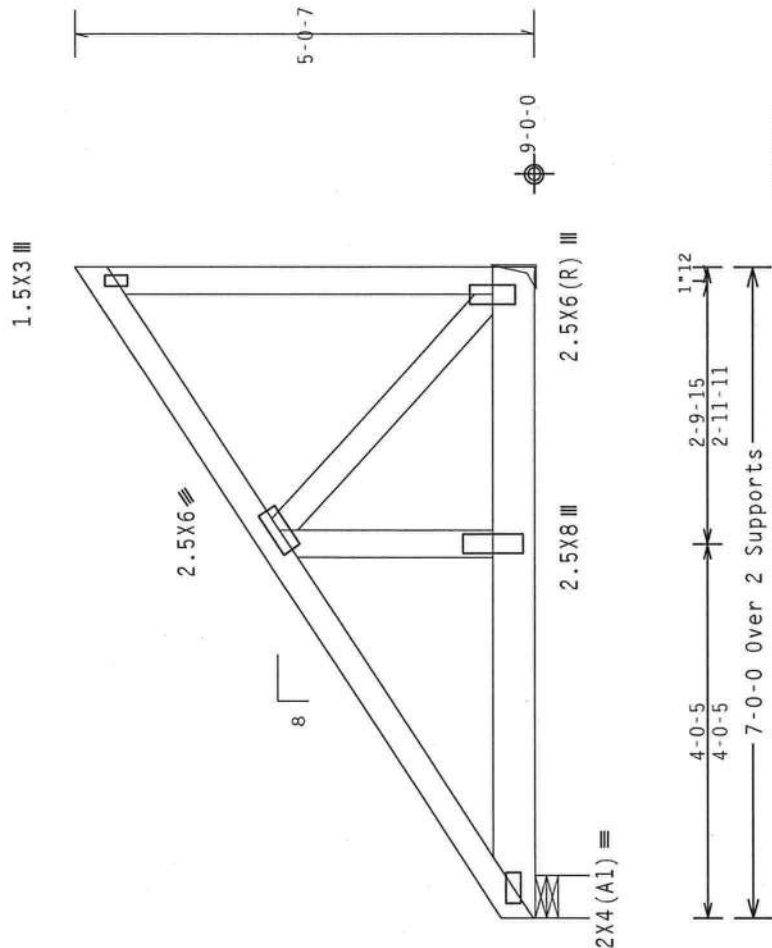
Wind reactions based on MWFRS pressures.

Special loads

Species	Load	Duration	Factor
TC	From 64 plf at 0.00 to 64 plf at 7.00	Dur. Fac. = 1.25	Plate Dur. Fac. = 1.25
BC	From 10 plf at 0.00 to 10 plf at 7.00		
BC	574.25 lb Conc. Load at 1.73, 3.73, 5.73		

Right end vertical not exposed to wind pressure.

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



R=1087 U=109 W=5.5"

R-1154 U-113
H-H1

PLT TYP. Wave

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

Scale = .5"/Ft.

TC LL	20.0 PSF	REF R487 - - 89751
TC DL	10.0 PSF	DATE 03/07/11
BC DL	10.0 PSF	DRW HCUSR487 11060075
BC LL	0.0 PSF	HC-ENG KD/DF
TOT.LD.	40.0 PSF	SEQN- 187572
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UA1487_Z01

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

***IMPORTANT**

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSP (Building Component Safety) information, by RPI and its subsidiary, for complete details. Trusses should have a properly attached structural sheathing and top chord shall have a properly attached per BCSP sections 83, 87 or 810, as applicable.

[illegible]

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

(11-041--Fill in later BRYAN ZECHER/HARRISON --, ** - EJ7G2)

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

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

Wind reactions based on MMFRS pressures.

(H1) = (J) Hanger not calculated (1)2x6 SP #1 Dense
supporting member.

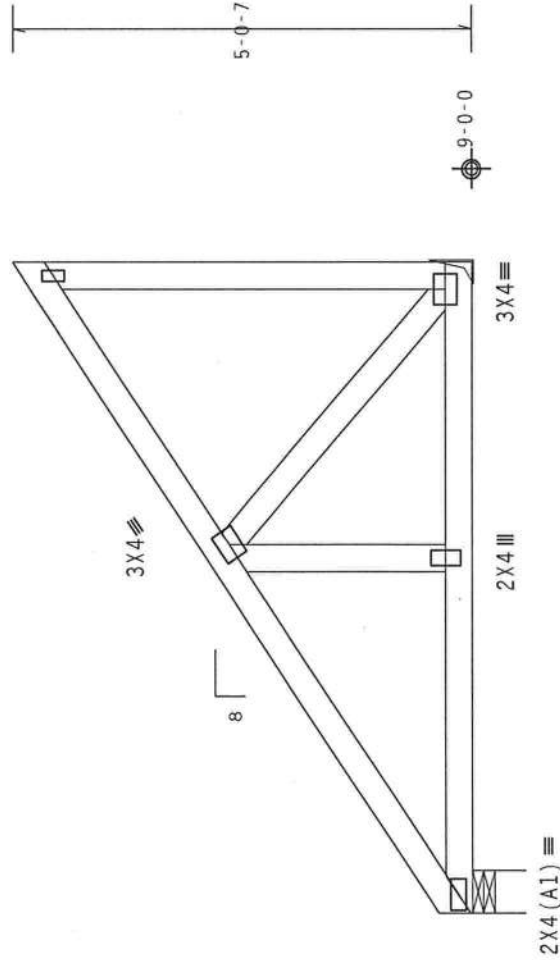
Special loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 64 plf at 0.00 to 64 plf at 2.40
TC- From 32 plf at 2.40 to 32 plf at 7.00
BC- From 20 plf at 0.00 to 20 plf at 2.40
BC- From 10 plf at 2.40 to 10 plf at 7.00
BC- 318.64 lb Conc. Load at 2.40
BC- 303.33 lb Conc. Load at 4.40, 6.40

Right end vertical not exposed to wind pressure.

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

1.5X3 III



7'-0'-0 Over 2 Supports
R-591 U=54 W=5.5"
R-729 U=74
H-H1

PLT TYP. Wave

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

Scale =.5"/Ft.

TC LL	20.0 PSF	REF	R487--	89752
TC DL	10.0 PSF	DATE	03/07/11	
BC DL	10.0 PSF	DRW	HCUSR487	11066085
BC LL	0.0 PSF	HC-ENG	JB/DF	
TOT.LD.	40.0 PSF	SEQN-	61944	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1UA1487_Z01	

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

IMPORTANT
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and BCSI) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral resistance of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, bracing of trusses. Apply plates to each face of truss and position as shown above and on the drawings. Details, unless noted otherwise, refer to drawings 100-2 for standard plate positions. A standard drawing cover page listing the applicable details for the design shall be included with the design. The responsibility of the Building Designer per ANSI/TPI 1 Sec. 2, for more information see: This information is for general notes pages: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NCA: www.ncaindustry.com; ICC: www.iccsafe.org

03/07/2011

ALPINE

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

(11-041--Fill in later BRYAN ZECHER/HARRISON -- , ** - EJ7G3)

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3

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

Wind reactions based on MWFRS pressures.

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

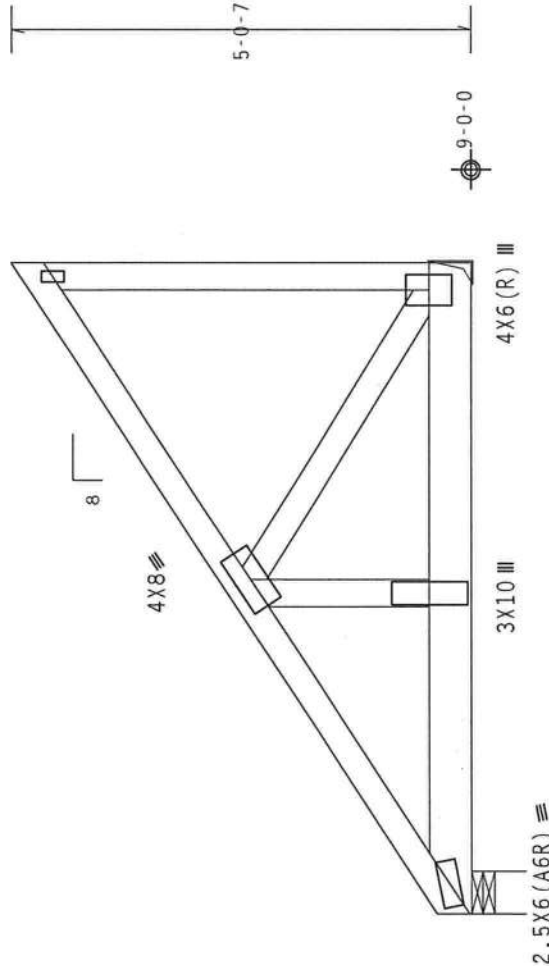
Special loads

Dur.Fac.=1.25 / Plate Dur.Fac.=1.25
TC- From 64 plf at 0.00 to 64 plf at 7.00
BC- From 10 plf at 0.00 to 10 plf at 7.00
BC- 1017.72 lb Conc. Load at 1.40
BC- 1099.14 lb Conc. Load at 3.40, 5.40

Right end vertical not exposed to wind pressure.

(H1) = (J) Hanger not calculated (1)2x6 SP #1 Dense supporting member.

1.5X3 III



3-5-6 3-4-14 1'-12
3-5-6 3-6-10
7-0-0 Over 2 Supports

R-1932 U-171 W-5.5"

R-1802 U-156
H=H1

PLT TYP. Wave

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

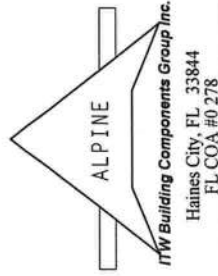
QTY:1

FL/-4/-/-R/-

Scale =.5"/Ft.

TC LL	20.0 PSF	REF	R487--	89753
TC DL	10.0 PSF	DATE	03/07/11	
BC DL	10.0 PSF	DRW	HCUSR487	11066065
BC LL	0.0 PSF	HC-ENG	KD/DF	
TOT.LD.	40.0 PSF	SEQN-	61954	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1UA1487_Z01	

WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and W.A. Fleming) practices prior to performing these functions. Installers shall provide temporary bracing and safety unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the drawing details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A complete drawing cover page listing the design and installation instructions for this design for any specific general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; MCA: www.mcaindustry.com; ICC: www.iccsafe.org



	Top	chord	2x4	SP	#2	Dense
Bot	chord	2x6	SP	SS		
	webs	2x4	SP	#3		

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpf(+/-)=0.18

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

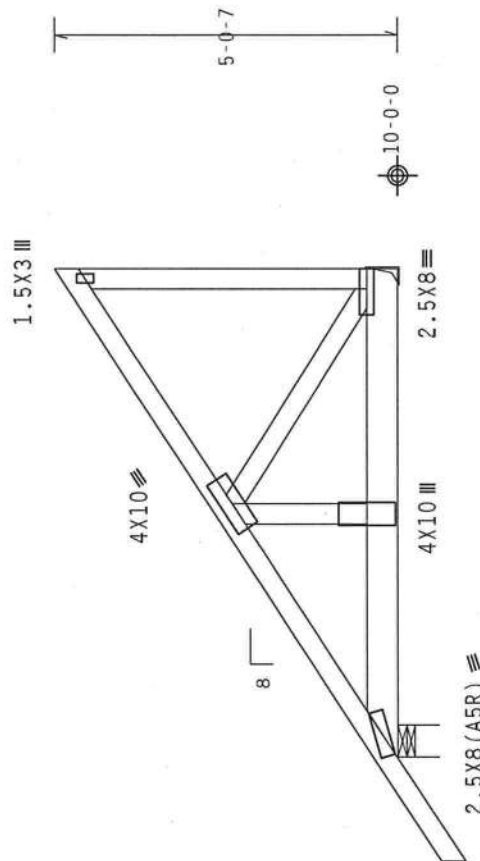
Deflection meets L/240 live and L/180 total load.

Special loads

Specialty	Load ----- (lb)	Dur. Fac.-1.25 / 64 pf at -1.50 to 64 pf at 1.40	Plate Dur. Fac.-1.25 32 pf at 1.40 to 32 pf at 7.00
TC- From			
TC- From			
BC- From			
BC- From			
BC- From			
BC- 1335.41			

Right end vertical not exposed to wind pressure.

(H1) = (J) Hanger not calculated (1)2x6 SP #1 Dense supporting member.



Elevation view of a bridge structure. The structure consists of two main spans, each 7'-0" long, supported by two supports. The total length of the bridge is 14'-0". The spans are labeled "7'-0" Over 2 Supports". The supports are labeled "R-2730 U=0 W=5.5" and "R-2317 U=0 H=H1". The spans are labeled "3'-5-12" and "3'-5-12". The total length is labeled "14'-0".

Design Crit: FBC2007Res/TPI-2002
 FT/RT=10%(0%)/0(0)
 QTY: 1
 FL/-4/-1/R/-
 Scale = .375"/Ft.

PLT TYP. Wave

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSP (Building Component Safety Information, by IPF and McGraw-Hill Construction Information Group) for more information on the proper practices prior to performing these tasks. Trusses must be properly attached structurally sheathing and battens must have a properly attached rigid ceiling. Locations for permanent lateral restraint of webs must be bracing installed per BCSP sections B3.87 or B10, as applicable.

The Building Consultant Group, Inc. (BLCG) shall not be responsible for any detailing or design of building trusses in conformance with ANSI/TPI-1 prior for handling, shipping or bracing of trusses. Apply plates to each face of truss and position as shown above and on details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. A drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any application is the responsibility of the Building Designer per ANSI/TPI-1 Sec.2. For more information see: BLCG, 11W-6683, 11W-6685, 11W-6686, 11W-6687, 11W-6689, 11W-6690, 11W-6691, 11W-6692, 11W-6693, 11W-6694, 11W-6695, 11W-6696, 11W-6697, 11W-6698, 11W-6699, 11W-6700, 11W-6701, 11W-6702, 11W-6703, 11W-6704, 11W-6705, 11W-6706, 11W-6707, 11W-6708, 11W-6709, 11W-6710, 11W-6711, 11W-6712, 11W-6713, 11W-6714, 11W-6715, 11W-6716, 11W-6717, 11W-6718, 11W-6719, 11W-6720, 11W-6721, 11W-6722, 11W-6723, 11W-6724, 11W-6725, 11W-6726, 11W-6727, 11W-6728, 11W-6729, 11W-6730, 11W-6731, 11W-6732, 11W-6733, 11W-6734, 11W-6735, 11W-6736, 11W-6737, 11W-6738, 11W-6739, 11W-6740, 11W-6741, 11W-6742, 11W-6743, 11W-6744, 11W-6745, 11W-6746, 11W-6747, 11W-6748, 11W-6749, 11W-6750, 11W-6751, 11W-6752, 11W-6753, 11W-6754, 11W-6755, 11W-6756, 11W-6757, 11W-6758, 11W-6759, 11W-6760, 11W-6761, 11W-6762, 11W-6763, 11W-6764, 11W-6765, 11W-6766, 11W-6767, 11W-6768, 11W-6769, 11W-6770, 11W-6771, 11W-6772, 11W-6773, 11W-6774, 11W-6775, 11W-6776, 11W-6777, 11W-6778, 11W-6779, 11W-6780, 11W-6781, 11W-6782, 11W-6783, 11W-6784, 11W-6785, 11W-6786, 11W-6787, 11W-6788, 11W-6789, 11W-6790, 11W-6791, 11W-6792, 11W-6793, 11W-6794, 11W-6795, 11W-6796, 11W-6797, 11W-6798, 11W-6799, 11W-6800, 11W-6801, 11W-6802, 11W-6803, 11W-6804, 11W-6805, 11W-6806, 11W-6807, 11W-6808, 11W-6809, 11W-6810, 11W-6811, 11W-6812, 11W-6813, 11W-6814, 11W-6815, 11W-6816, 11W-6817, 11W-6818, 11W-6819, 11W-6820, 11W-6821, 11W-6822, 11W-6823, 11W-6824, 11W-6825, 11W-6826, 11W-6827, 11W-6828, 11W-6829, 11W-6830, 11W-6831, 11W-6832, 11W-6833, 11W-6834, 11W-6835, 11W-6836, 11W-6837, 11W-6838, 11W-6839, 11W-6840, 11W-6841, 11W-6842, 11W-6843, 11W-6844, 11W-6845, 11W-6846, 11W-6847, 11W-6848, 11W-6849, 11W-6850, 11W-6851, 11W-6852, 11W-6853, 11W-6854, 11W-6855, 11W-6856, 11W-6857, 11W-6858, 11W-6859, 11W-6860, 11W-6861, 11W-6862, 11W-6863, 11W-6864, 11W-6865, 11W-6866, 11W-6867, 11W-6868, 11W-6869, 11W-6870, 11W-6871, 11W-6872, 11W-6873, 11W-6874, 11W-6875, 11W-6876, 11W-6877, 11W-6878, 11W-6879, 11W-6880, 11W-6881, 11W-6882, 11W-6883, 11W-6884, 11W-6885, 11W-6886, 11W-6887, 11W-6888, 11W-6889, 11W-6890, 11W-6891, 11W-6892, 11W-6893, 11W-6894, 11W-6895, 11W-6896, 11W-6897, 11W-6898, 11W-6899, 11W-6900, 11W-6901, 11W-6902, 11W-6903, 11W-6904, 11W-6905, 11W-6906, 11W-6907, 11W-6908, 11W-6909, 11W-6910, 11W-6911, 11W-6912, 11W-6913, 11W-6914, 11W-6915, 11W-6916, 11W-6917, 11W-6918, 11W-6919, 11W-6920, 11W-6921, 11W-6922, 11W-6923, 11W-6924, 11W-6925, 11W-6926, 11W-6927, 11W-6928, 11W-6929, 11W-6930, 11W-6931, 11W-6932, 11W-6933, 11W-6934, 11W-6935, 11W-6936, 11W-6937, 11W-6938, 11W-6939, 11W-6940, 11W-6941, 11W-6942, 11W-6943, 11W-6944, 11W-6945, 11W-6946, 11W-6947, 11W-6948, 11W-6949, 11W-6950, 11W-6951, 11W-6952, 11W-6953, 11W-6954, 11W-6955, 11W-6956, 11W-6957, 11W-6958, 11W-6959, 11W-6960, 11W-6961, 11W-6962, 11W-6963, 11W-6964, 11W-6965, 11W-6966, 11W-6967, 11W-6968, 11W-6969, 11W-6970, 11W-6971, 11W-6972, 11W-6973, 11W-6974, 11W-6975, 11W-6976, 11W-6977, 11W-6978, 11W-6979, 11W-6980, 11W-6981, 11W-6982, 11W-6983, 11W-6984, 11W-6985, 11W-6986, 11W-6987, 11W-6988, 11W-6989, 11W-6990, 11W-6991, 11W-6992, 11W-6993, 11W-6994, 11W-6995, 11W-6996, 11W-6997, 11W-6998, 11W-6999, 11W-7000, 11W-7001, 11W-7002, 11W-7003, 11W-7004, 11W-7005, 11W-7006, 11W-7007, 11W-7008, 11W-7009, 11W-7010, 11W-7011, 11W-7012, 11W-7013, 11W-7014, 11W-7015, 11W-7016, 11W-7017, 11W-7018, 11W-7019, 11W-7020, 11W-7021, 11W-7022, 11W-7023, 11W-7024, 11W-7025, 11W-7026, 11W-7027, 11W-7028, 11W-7029, 11W-7030, 11W-7031, 11W-7032, 11W-7033, 11W-7034, 11W-7035, 11W-7036, 11W-7037, 11W-7038, 11W-7039, 11W-7040, 11W-7041, 11W-7042, 11W-7043, 11W-7044, 11W-7045, 11W-7046, 11W-7047, 11W-7048, 11W-7049, 11W-7050, 11W-7051, 11W-7052, 11W-7053, 11W-7054, 11W-7055, 11W-7056, 11W-7057, 11W-7058, 11W-7059, 11W-7060, 11W-7061, 11W-7062, 11W-7063, 11W-7064, 11W-7065, 11W-7066, 11W-7067, 11W-7068, 11W-7069, 11W-7070, 11W-7071, 11W-7072, 11W-7073, 11W-7074, 11W-7075, 11W-7076, 11W-7077, 11W-7078, 11W-7079, 11W-70

TC LL	20.0	PSF	REF	R487--	89754
TC DL	10.0	PSF	DATE	03/07/11	
BC DL	10.0	PSF	DRW	HCUSR487	11066066
BC LL	0.0	PSF	HC-ENG	KD/DF	
TOT.LD.	40.0	PSF	SEQN-	187853	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1UA1487_Z01	

03/07/2011

Haines City, FL 33844
FL COA #0278

(11-041--Fill in later BRYAN ZECHER/HARRISON -- , ** - EJ7T1)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #2 Dense :W2 2x4 SP #3:

Roof overhang supports 2.00 psf soffit load.

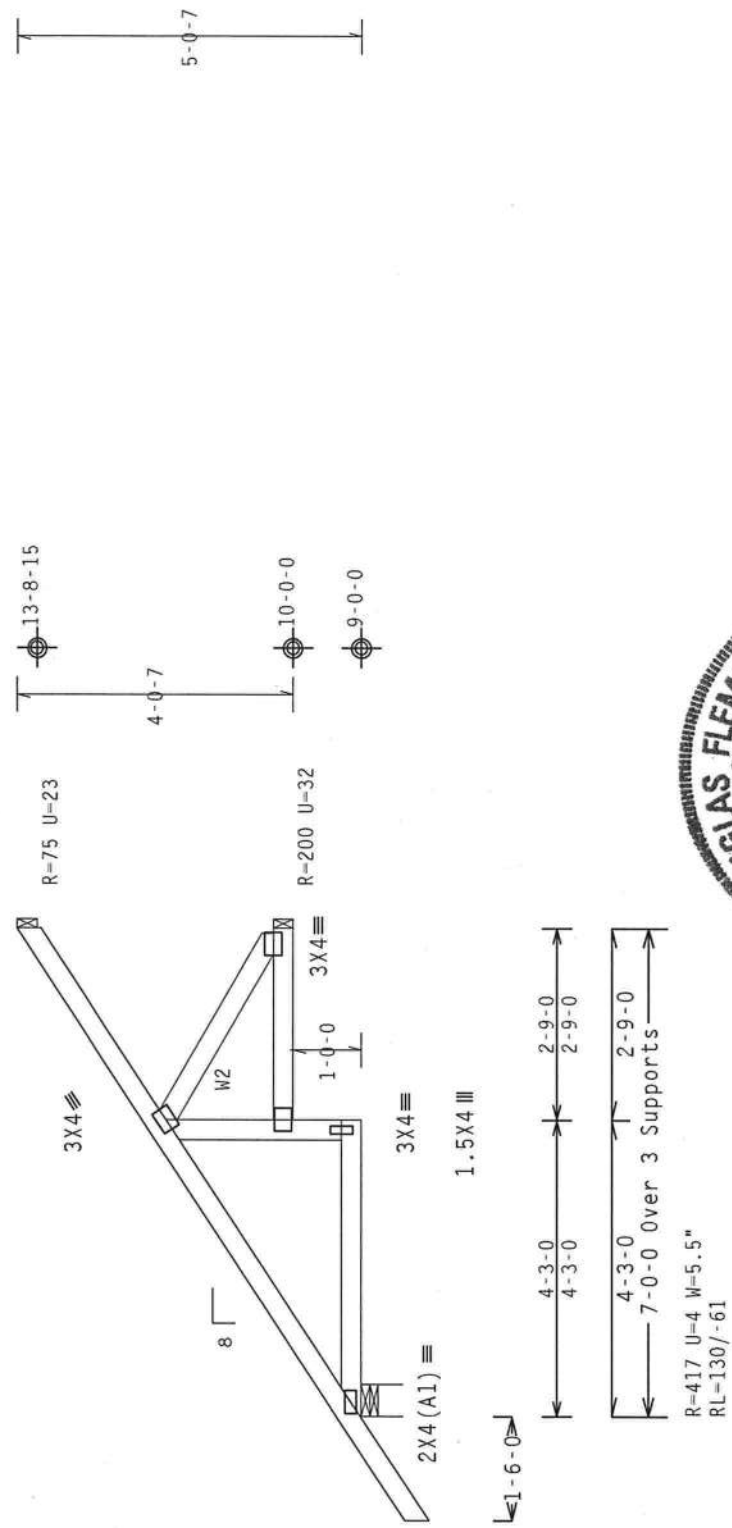
Bottom chord checked for 10.00 psf non-concurrent live load.

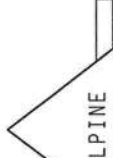
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

Wind reactions based on MWFRS pressures.

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

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



PLT TYP. Wave	Design Crit: FBC2007Res/TPI-2002 (0.00) FT/RT=10%(0%)/0(0)		QTY:1		FL/-4/-/-R/-		Scale =.375"/Ft.	
	No. 66848		03/07/2011		03/07/2011		03/07/2011	
 Haines City, FL 33844 FL COA #0 278	TPI-2002		TPI-2002		TPI-2002		TPI-2002	
	TPI-2002		TPI-2002		TPI-2002		TPI-2002	
	TPI-2002		TPI-2002		TPI-2002		TPI-2002	
	TPI-2002		TPI-2002		TPI-2002		TPI-2002	
	TPI-2002		TPI-2002		TPI-2002		TPI-2002	

(11-041--Fill in later BRYAN ZECHER/HARRISON -- * - H5K)

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

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

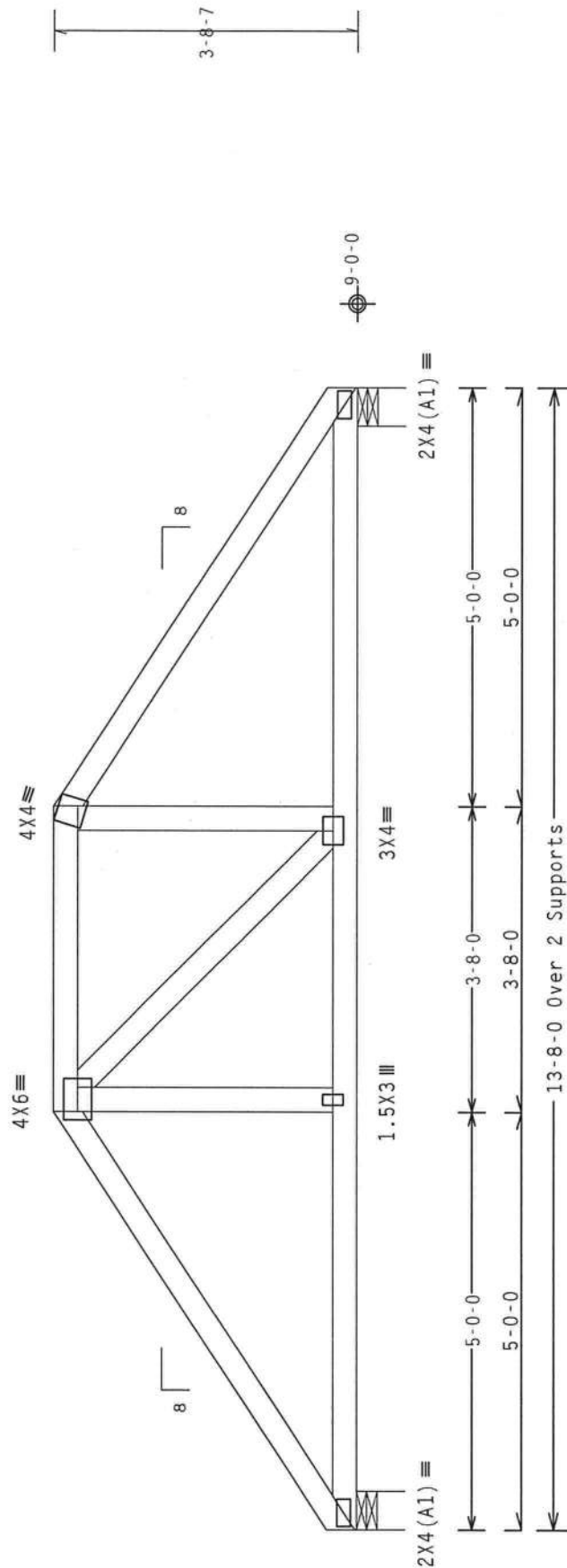
#1 hip supports 5-0-0 jacks with no webs.

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

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

Wind reactions based on MWFRS pressures.

Left side jacks have 5-0-0 setback with 0-0-0 cant and 1-6-0 overhang.
End jacks have 5-0-0 setback with 0-0-0 cant and 1-6-0 overhang. Right side jacks have 5-0-0 setback with 0-0-0 cant and 1-6-0 overhang.



R-879 U=165 W=5.5"

R-879 U=165 W=5.5"

PLT TYP. Wave

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

QTY:1 FL/-/4/-/-/R/-

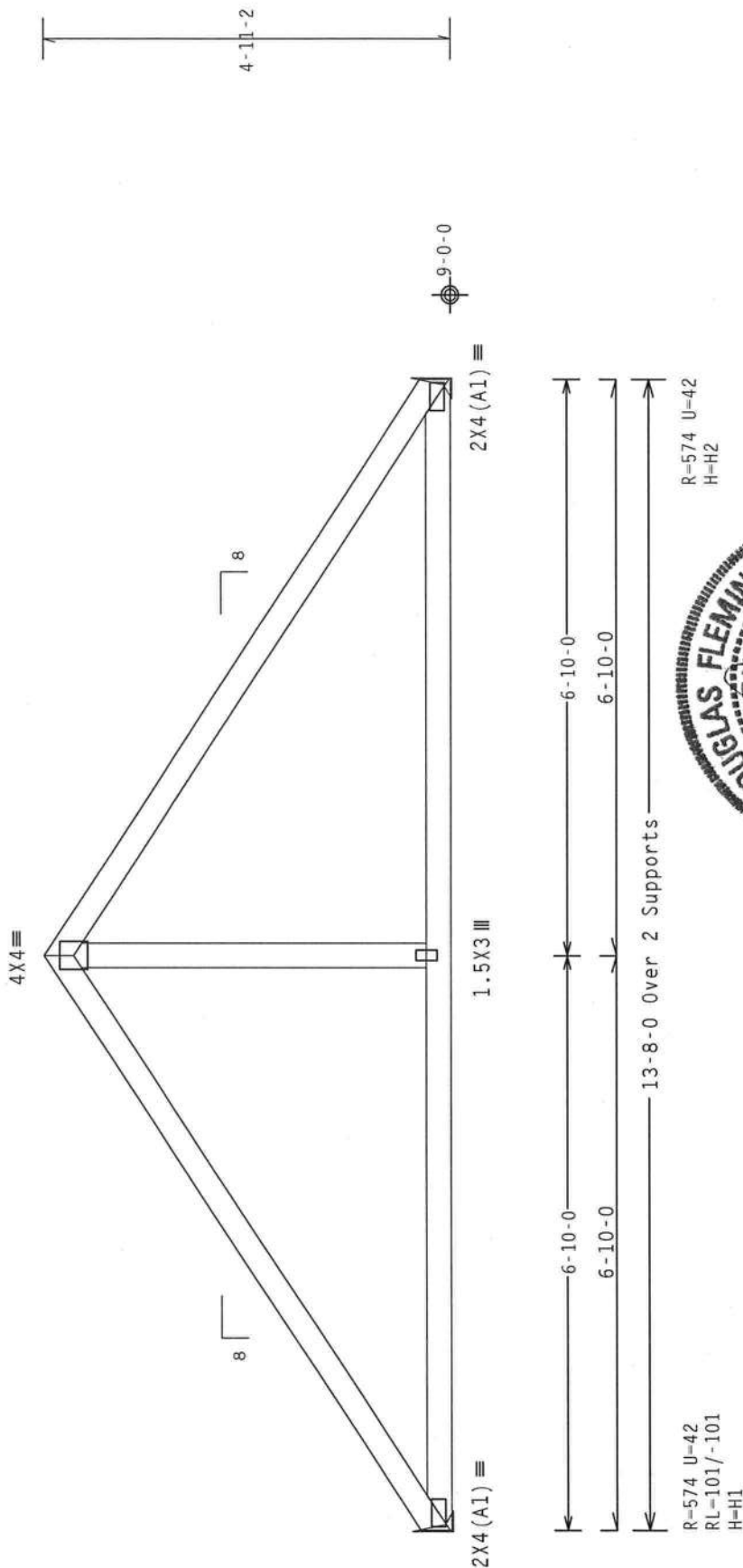
Scale = .5" / Ft.

ALPINE ITW Building Components Group Inc. Hanes City, FL 33844 FL COA #0278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.		No. 66648	03/07/2011
	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety) Information, by TPI and W. Allen Goss, for practices prior to performing these functions. Installers shall provide temporary bracing and BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing of web-chords shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.		TC LL	20.0 PSF
	ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design of trusses. Apply plates to each face of truss and position as shown above and on the drawing. Unless noted otherwise, refer to drawings 100A-2 for standard plate positions. A general notes page listing this drawing. Indicates acceptance of professional engineering for the design of the truss. The responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NTC: www.ntcindustry.com; ICC: www.iccsafe.org		TC DL	10.0 PSF
			BC DL	10.0 PSF
			BC LL	0.0 PSF
			TOT.LD.	40.0 PSF
		DUR.FAC.	1.25	
		SPACING	24.0"	

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

11110 mph wind, 15.00 ft mean hgt, ASEC 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpf (+/-)=0.18

Wind reactions based on MWFRS pressures.
Bottom chord checked for 10.00 psf non-concurrent live load.
Deflection meets L/240 live and L/180 total load.



R-574 U-42
RL-101/-101
H-H1

R=574 U=42
H=H2

PLT TYP. Wave

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

Scale = .5"/Ft.

FL/-/4/-/-/R/-/-

QTY:3

1997

~~19.16~~

03.63

50.

3

$$10(0)$$

% (0%)

RT=10

FT/

15.

三三

2

Wave

Түр.

PLT

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

Trusses require extreme care in fabricating, hoisting, shipping, installing and bracing. Refer to the following information for details. The contractor shall follow the latest edition of BGCI Building Component Safety Information, by IPI and AIA/CES, which may be obtained from the BGCI website at www.bgci.org. Truss installers shall provide temporary bracing and shoring as needed until permanent bracing is installed. If trusses are braced in place, they must be braced in all directions unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint webs shall have bracing installed per BGCI sections B3, B7 or B10, as applicable.

LTV Building Components Group Inc., ("LTVBCG") shall not be responsible for any deviations or omissions from the drawings, specifications, or other documents issued by LTVBCG. The user assumes full responsibility for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, erecting, or placing of trusses. Apply plates to each face of truss and position as shown above and on all other details, unless noted otherwise. Refer to drawings L60A-2 for standard plate positions. A note on the drawing or cover page listing this drafting, indicates acceptance of professional engineering responsibility solely for the design shown. Intelligently select and use of this designer for any application requires knowledge of applicable codes and standards such as ANSI/TPI 1.

General notes page: LTV-B65; www.ltvbcg.com; TPI: www.tpiinst.org; WCA: www.sbcindustry.com; www.1ccsafe.org

ALPINE

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

Haines City, FL 33844
FL COA #0278

(11-041--Fill in later BRYAN ZECHER/HARRISON --, ** - LGE)

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

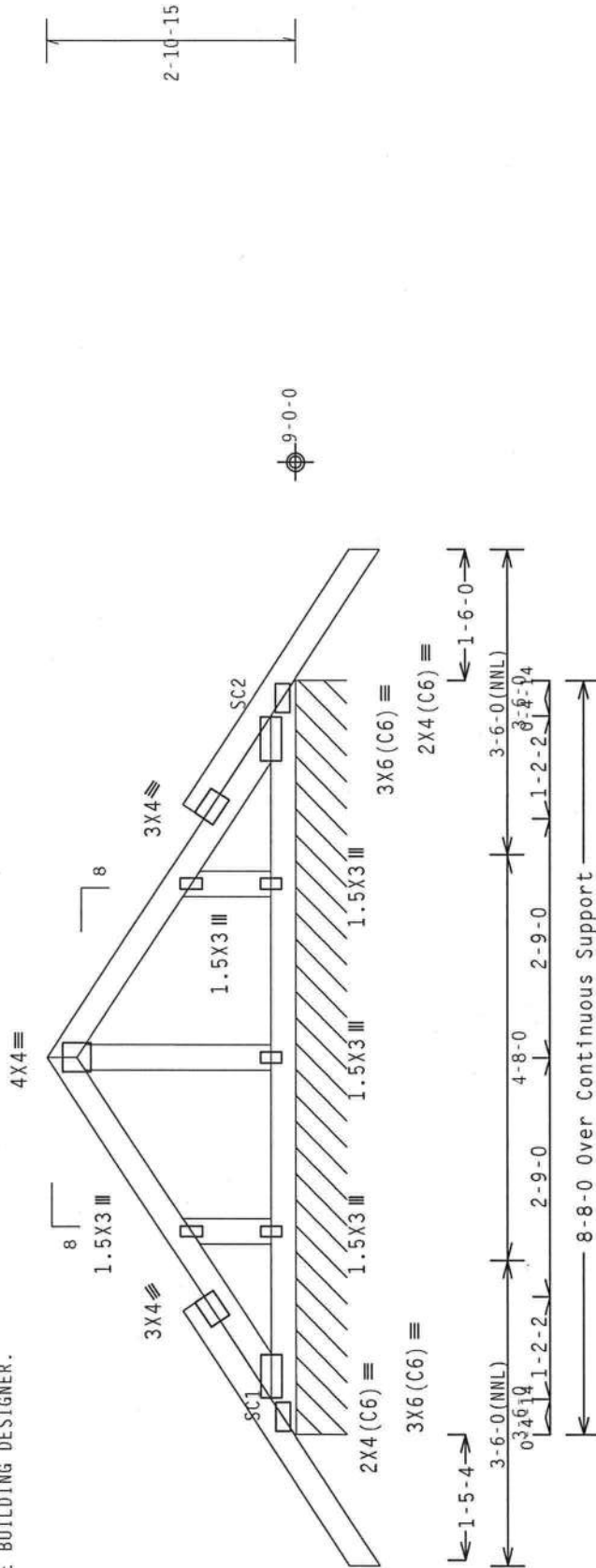
:Stack Chord SC1 2x4 SP #2 Dense::Stack Chord SC2 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

See DWG5 A11015050109 & GBLLETIN0109 for more requirements.

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

THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.



R-125 PLF U-10 PLF W-8-8-0
RL-12/-12 PLF

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

Scale = .5"/Ft.

QTY: 1 FL/-/4/-/-/R/-

REF R487-- 89758

DATE 03/07/11

DRW HCUSR487 11066070

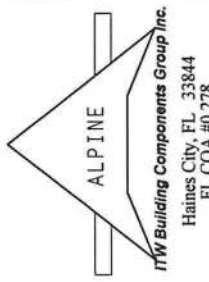
HC-ENG KD/DF

SEQN- 187355

JREF- 1UA1487_Z01



WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and the Aluminum Association) practices prior to performing these functions. Installers shall provide temporary bracing and shoring unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint. Web bracing shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, storing or bracing of trusses. Apply plates to each face of truss and position as shown above and on drawings. ITWBCG shall not be responsible for any deviation from design or for any failure to build the truss in conformance with ANSI/TPI 1. The responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: ITWBCG general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; MICA: www.sbcindustry.com; ICC: www.iccsafe.org



(11-041--Fill in later BRYAN ZECHER/HARRISON --, ** - L)

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

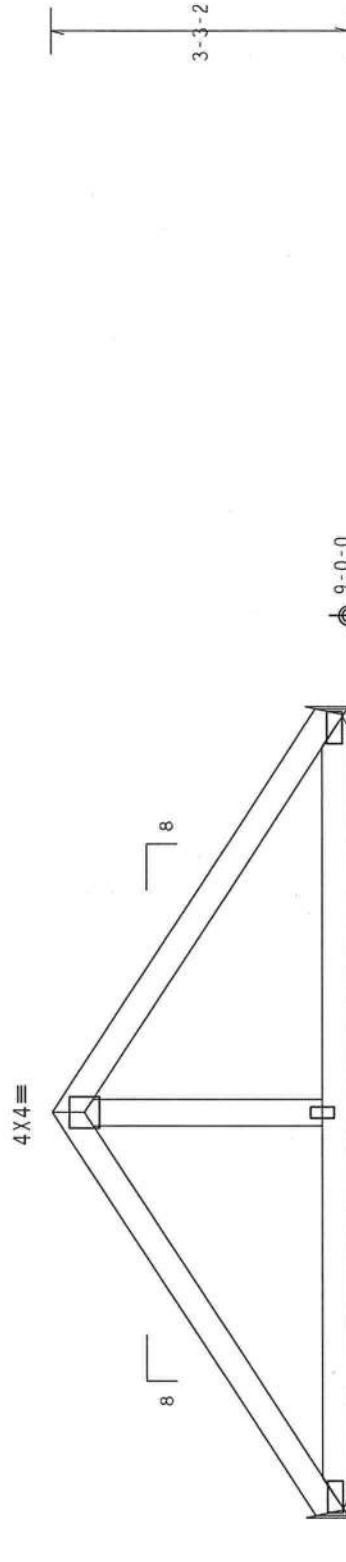
(H1) = (J) Hanger not calculated (1)2x4 SP #2 Dense supporting member.
(H2) = (J) Hanger not calculated (1)2x4 SP #2 Dense supporting member.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1w=1.00 GCPI(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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



2X4 (A1) =
1.5X3 =
2X4 (A1) =
R-364 U-26
RL-64/-64
H-H1

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

PLT TYP. Wave

FL/-/4/-/-/R/-

Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R487--	89759
TC DL	10.0 PSF	DATE	03/07/11	
BC DL	10.0 PSF	DRW	HCUSR487	11066055
BC LL	0.0 PSF	HC-ENG	KD/DF	*
TOT.LD.	40.0 PSF	SEON-	187359	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1UA1487_Z01	

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. The truss designer is responsible for providing complete and accurate information to the contractor. The contractor is responsible for following the latest edition of BCSI (Building Component Safety Information, by TPI and WTC) practices prior to performing these functions. Installers shall provide temporary bracing in accordance with the BCSI practices. The truss designer shall provide temporary bracing locations and details on the drawing. The contractor shall have a properly attached structural sheathing and ceiling details. The contractor shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design shown on this drawing. The truss designer is responsible for the design shown. The suitability and use of this design for any structural application is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: general notes page: ITW-865: www.itwbcg.com; TPI: www.tpinet.org; NCCA: www.nccasafe.org

03/07/2011

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER

ALPINE

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

	Top	chord	2x4	SP	Dense
	Bot	chord	2x4	SP	Dense
		webs	2x4	SP	Dense

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLO5ED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCp1(+/-)=0.18

Wind reactions based on MWFRS pressures.

(H1) = (J) Hanger not calculated (1)2x4 SP #2 Dense supporting member.

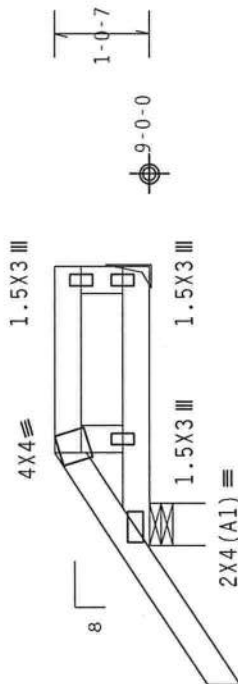
Deflection meets L/240 live and L/180 total load.

Special loads

Conc.	Load	Dur.	Fac.	1.25	Plate	Dur.	Fac.	1.25
TC-	From	64 pif	at	-1.50	to	64 pif	at	1.00
TC-	From	64 pif	at	-1.00	to	64 pif	at	3.00
IC-	From	5 pif	at	-1.50	to	5 pif	at	0.00
BC-	From	20 pif	at	0.00	to	20 pif	at	3.00
BC-	45.76 lb	Conc.	Load	at	1.03			
BC-	12.27 lb	Conc.	Load	at	1.03			

Roof overhang supports 2.00 psf soffit load.

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



1-6-0

$$\begin{array}{c} \xrightarrow{1-0-0} \xrightarrow{2-0-0} \end{array}$$

1-0-0 2-0-0

3-0-0 Over 2 Supports

R=245 U=140 W=5.5"

R=77 U=44

CH

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

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
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Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI Building Components Installation, Erection, Erection, and Assembly Manual (BCSI Manual) for complete details. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing shall have Bracing installed per BCSI sections B3, B7 or B10, as applicable.

[illegible]

PLT TYP. Wave

QTY:2 FL/-/4/-/-/R/-

Scale = .5"/Ft.

TC LL	20.0 PSF
-------	----------

TC DI 10.0 PSF

1	2
3	4
5	6
7	8
9	10
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95	96
97	98
99	100

BC DL 10.0 PSF

BC LL	0.0	PSF

TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24 0"

03/07/2011

URFF- 111A1487 701

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

(11-041--Fill in later BRYAN ZECHER/HARRISON --, ** - MG)

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

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

Wind reactions based on MWFRS pressures.

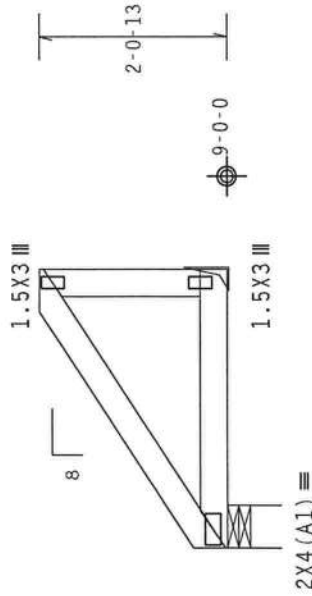
Deflection meets L/240 live and L/180 total load.

Special loads

-----Lumber Dur.Fac.-1.25 / Plate Dur.Fac.-1.25)
TC- From 64 plf at 0.00 to 64 plf at 2.54
TC- From 60 plf at 2.54 to 60 plf at 3.00
BC- From 10 plf at 0.00 to 10 plf at 3.00
BC- 364.16 lb Conc. Load at 0.56, 2.56

Right end vertical not exposed to wind pressure.

(H1) = (J) Hanger not calculated (1)2x4 SP #2 Dense
supporting member.



3'-0-0 Over 2 Supports

R-483 U=48 W=5.5"
R=465 U=45
H=H1

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

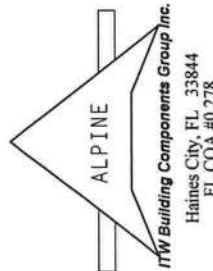
PLT TYP. Wave

Scale = .5"/Ft.

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. The contractor shall follow the latest edition of BCSI (Building Component Safety Information, by TPI and WEA) and all applicable practices prior to performing these functions. Installers shall provide temporary bracing in accordance with the details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A section cut shall have a properly attached rigid ceiling. Locations shown for permanent lateral resistance shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design shown in this drawing. ITWBCG shall not be responsible for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the drawing. Details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A section cut shall have a properly attached rigid ceiling. Locations shown for permanent lateral resistance shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.



REF	R487--	89761
DATE	03/07/11	
DRW	HCUSR487	11066083
HC-ENG	JB/DF	
SEQN-	187362	
DUR.FAC.	1.25	
SPACING	24.0"	
JREF-	1UA1487_Z01	

(11-041--Fill) in later BRYAN ZECHE/HARRISON -- . ** - M2G)

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3

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

Wind reactions based on MWFRS pressures.

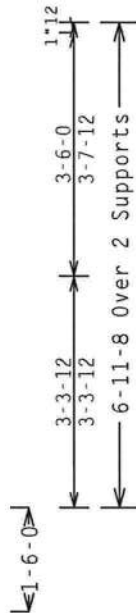
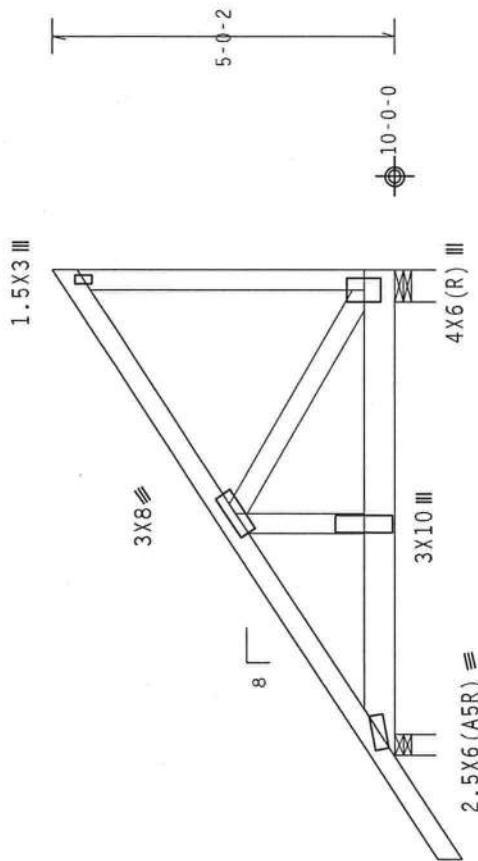
Roof overhang supports 2.00 psf soffit load.

Special loads

-----Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 64 plf at -1.50 to 64 plf at 6.96
BC- From 5 plf at -1.50 to 5 plf at 0.00
BC- From 10 plf at 0.00 to 10 plf at 6.96
BC- 437.49 lb Conc. Load at 1.06
BC- 1212.03 lb Conc. Load at 3.06, 5.06

Right end vertical not exposed to wind pressure.

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



R-1789 U-541 W-3.5"

R-1691 U-200 W-5.5"

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

PLT TYP. Wave

QTY:1

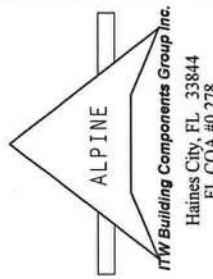
FL/-4/-/-R/-

Scale = .375"/Ft.

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!

IMPORTANT FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and BCSI) for safety practices prior to performing these functions. Installers shall provide temporary bracing and BCSI, unless noted otherwise, top chord shall have properly attached structural sheathing and bolting chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, bracing or trusses. Apply plates to each face of truss and position as shown above and on details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. ITWBCG shall not be responsible for the design, engineering, fabrication, installation, or use of this design for any other purpose. The responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; MTCA: www.mtcaindustry.com; ICC: www.iccsafe.org



03/07/2011

TC LL	20.0 PSF	REF	R487--	89763
TC DL	10.0 PSF	DATE	03/07/11	
BC DL	10.0 PSF	DRW	HCUSR487	11066079
BC LL	0.0 PSF	HC-ENG	KD/DF	
TOT.LD.	40.0 PSF	SEQN-	188185	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1UA1487_Z01	

(11-041--Fill in later BRYAN ZECHER/HARRISON --, ** - H3N)

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

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

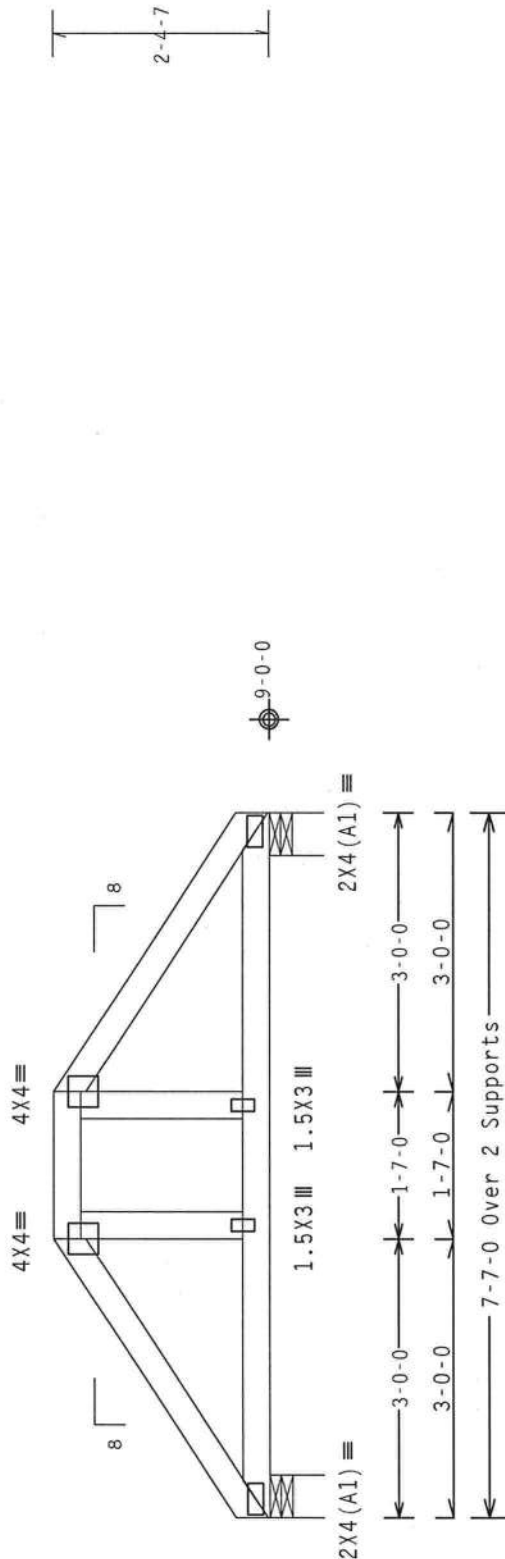
#1 hip supports 3-0-0 jacks with no webs.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCp1(+/-)=0.18

Wind reactions based on MWFRS pressures.

Left side jacks have 3-0-0 setback with 0-0-0 cant and 1-6-0 overhang. End jacks have 3-0-0 setback with 0-0-0 cant and 1-6-0 overhang. Right side jacks have 3-0-0 setback with 0-0-0 cant and 1-6-0 overhang.



R-349 U=70 W=5.5"

R-349 U=70

PLT TYP. Wave

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

QTY:1 FL/-4/-/-R/- Scale =.5"/Ft.

TC LL	20.0 PSF	REF	R487--	89764
TC DL	10.0 PSF	DATE	03/07/11	
BC DL	10.0 PSF	DRW	HCUSR487	11066076
BC LL	0.0 PSF	HC-ENG	KD/DF	
TOT.LD.	40.0 PSF	SEQN-	187409	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1UA1487_Z01	

****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of MCSI (Building Component Safety Information, by TPI and ICC) for safety practices prior to performing these functions. Installers shall provide temporary bracing and BCSL, unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint or web bracing shall have bracing installed per BCSL sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviations from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the drawing or cover page listing this drawing. Indicates acceptance of professional engineering and the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: the general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NCTA: www.nctaindustry.com; ICC: www.iccsafe.org

BOUTAS FLEMING
LICENSE
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER
03/07/2011

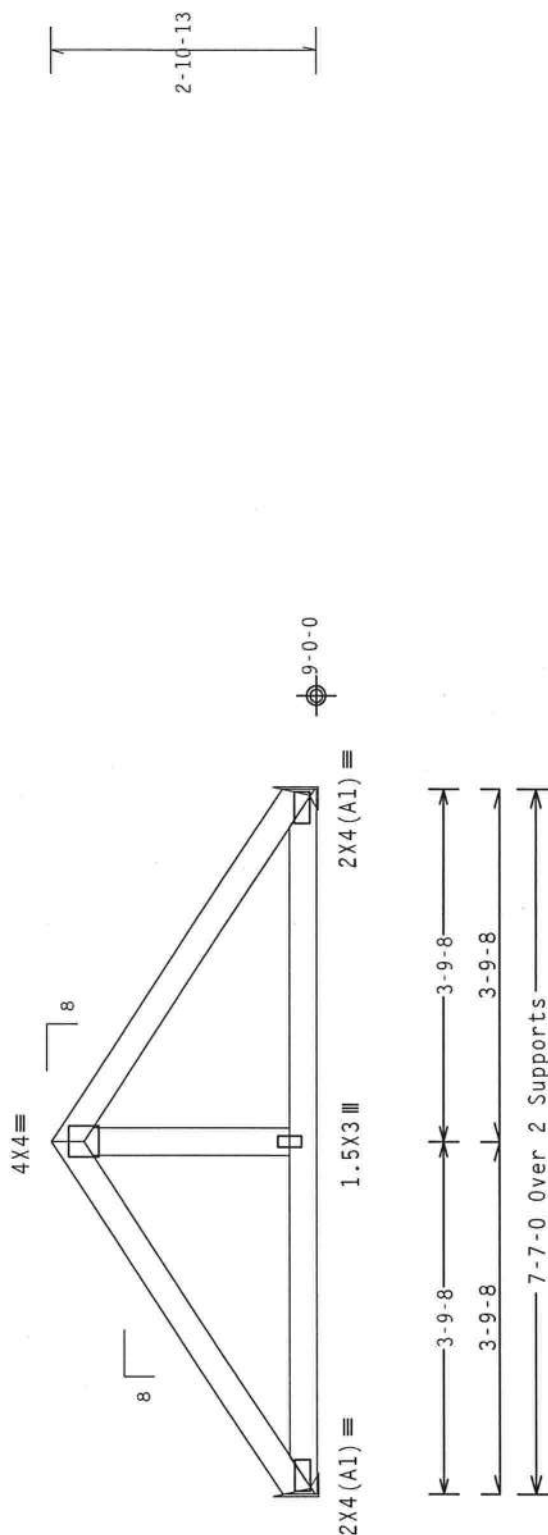
ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

Wind reactions based on MWFRS pressures.

These hangers and support conditions used at bearings indicated.

(H1) = Simpson
(H2) = (J) Hang



R-319 U-22
RL-56/-56
H-HI

R-319 U
H-H2

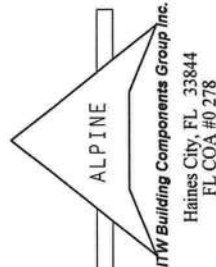
PLT TYP. Wave

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

Scale = .5"/Ft.

TC LL	20.0	PSF	REF R487-- 89765
TC DL	10.0	PSF	DATE 03/07/11
BC DL	10.0	PSF	DRW HCUSR487 11066038
BC LL	0.0	PSF	HC-ENG KD/DF *
TOT.LD.	40.0	PSF	SEQN- 187413
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1UA1487_Z01

03/07/2011



(11-041--Fill in later BRYAN ZECHER/HARRISON --, ** - BP)

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

110 mph wind, 20.48 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=2.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MWFRS pressures.

MWFRS loads based on trusses located at least 20.48 ft. from roof edge.

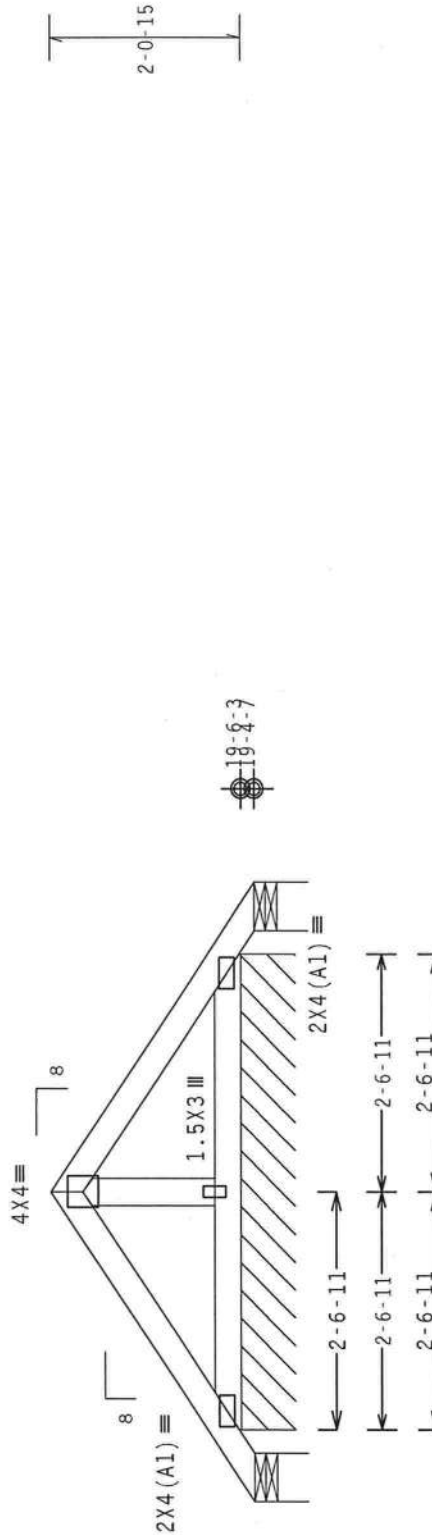
Refer to DWG PB1200310 for piggyback details.

Special loads

-----Lumber
Dur.Fac.-1.25 / Plate Dur.Fac.-1.25)
TC- From 64 plf at 0.00 to 64 plf at 3.33
TC- From 64 plf at 3.33 to 64 plf at 6.67
BC- From 4 plf at 0.00 to 4 plf at 6.67

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

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



R=-3 Rw=34 U=35 W=6.31"
RL=49/-48
R=83 PLF U=9 PLF W=5-1-6

R=-3 Rw=6 U=7 W=6.31"

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

Scale = .5" / Ft.

TY:10 FL/-/4/-/R/-

TC LL	20.0 PSF	REF	R487 - -	89766
TC DL	10.0 PSF	DATE	03/07/11	
BC DL	10.0 PSF	DRW	HCUSR487	11066039
BC LL	0.0 PSF	HC-ENG	KD/DF	
TOT.LD.	40.0 PSF	SEQN-	187703	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1UA1487_Z01	

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER
03/07/2011

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

****IMPORTANT****
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ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design shown. The truss is designed in accordance with the design shown. The responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: general notes page; ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

(11-041--Fill in later BRYAN ZECHER/HARRISON --, ** - H178P)

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

110 mph wind, 20.04 ft mean hgt, ASCE 7-05, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind
BC DL-2.0 psf. lw=1.00 GCpi(+/-)=0.18

Wind reactions based on MMFRS pressures.

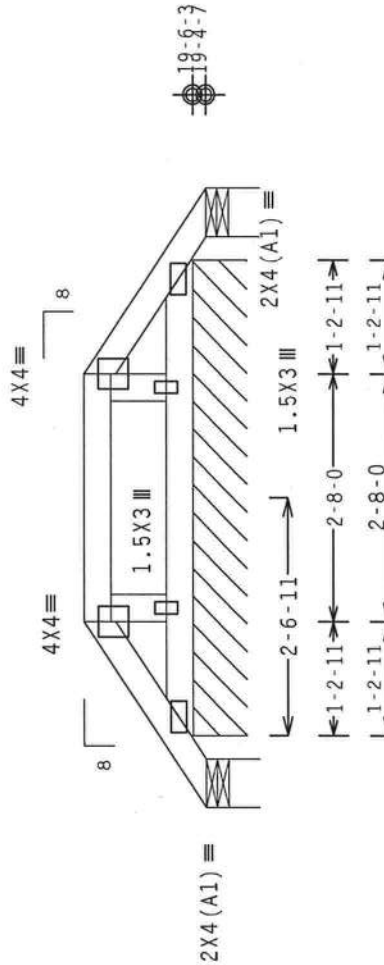
Deflection meets L/240 live and L/180 total load.

Refer to DWG PB1200310 for piggyback details.

Special loads
----- (Lumber
TC- From Dur.Fac.-1.25 / Plate Dur.Fac.-1.25)
TC- From 64 plf at 0.00 to 64 plf at 2.00
TC- From 64 plf at 2.00 to 64 plf at 4.67
TC- From 64 plf at 4.67 to 64 plf at 6.67
BC- From 4 plf at 0.00 to 4 plf at 6.67

In lieu of structural panels or rigid ceiling use purlins to brace all
flat TC @ 24" OC, all BC @ 24" OC.

MMFRS loads based on trusses located at least 20.04 ft. from roof
edge.



6-8-0 Over 3 Supports

R-20 U-13 W=6.31"

RL-28/28 PLF U-13 PLF W-5-1-6

R-20 U-5 W=6.31"

PLT TYP. Wave

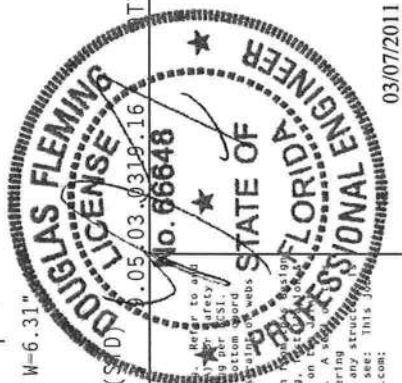
Design Crit: FBC2007Res/TPI-2002 (S0)
FT/RT=10%(0%) / 0(0)

Scale = .5"/Ft.

TC LL	20.0 PSF	FL/-/4/-/-/R/-	REF R487--	89767
TC DL	10.0 PSF		DATE	03/07/11
BC DL	10.0 PSF		DRW	HCUSR487 11066040
BC LL	0.0 PSF		HC-ENG	KD/DF
TOT.LD.	40.0 PSF		SEQN-	187709
DUR.FAC.	1.25			
SPACING	24.0"		JREF-	1UA1487_201

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and High Safety) practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral resistance of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, bracing of trusses. Apply plates to each face of truss and position as shown above and on the drawings. Details, unless noted otherwise, refer to drawings 100-2 for standard plate positions. A signed and sealed drawing is required for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This drawing's general notes page; ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NCA: www.sbcindustry.com; ICC: www.iccsafe.org

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



Special loads
----- (Lumber

Species / Loads	(Lumber	Dur.Fac.=1.25 /	Plate Dur.Fac.=1.25)
TC- From	64 pif at 0.00 to	64 pif at 1.50	
TC- From	64 pif at 1.50 to	64 pif at 21.50	
TC- From	64 pif at 21.50 to	64 pif at 23.00	
BC- From	4 pif at 0.00 to	4 pif at 23.00	

(**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind. 19.87 ft mean hgt. ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind SC DL=2.0 psf. Iw=1.00 GCpt (+/-)=0.18

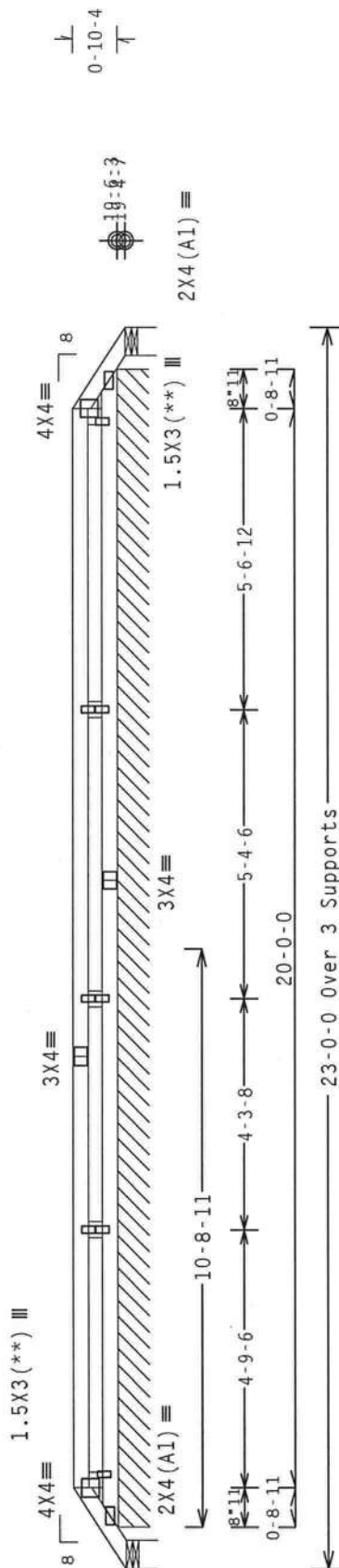
Wind reactions based on MWFRS pressures.

Refer to DWG PB1200310 for piggyback details.

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

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

MWFRS loads based on trusses located at least 19.87 ft. from roof edge.



R=10 U=7 W=6.31"

R=71 PLF U=17 PLF W=21-5-6

23-0-0 Over 3 Supports

R=6 RW=7 U=5 W=6.31"

Note: All Plates Are 1.5X3 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(S)

PLT TYP. Wave

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

IMPORTANT: FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Issues require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the instructions and drawings of the manufacturer of the BCSL. Do not use any other material or practices prior to performing these functions. The installer shall provide temporary bracing per BCSL drawings. The contractor shall have a properly attached rigid ceiling. Locations for permanent lateral bracing shall have bracing installed per BCSL sections B-2, B-3 or B-10, as applicable.

[illegible]

ALPINE

Building Components Group

Haines City, FL 33844

For more information see: ANS1/TP1 1 Sec-2. For more information see: www.sbcindustry.com.
General notes page: ITW-8CG: www.ftwbcg.com; TPI: www.tpinet.org; MICA: www.micaindustry.com.
CC: www.1ccsafe.org

03/07/2011

SPACING 24.0"

TRF- 111A1487 701

(11-041--Fill) in later BRYAN ZECHER/HARRISON --, ** - AP2)

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

110 mph wind, 20.54 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. lw=1.00 GCpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

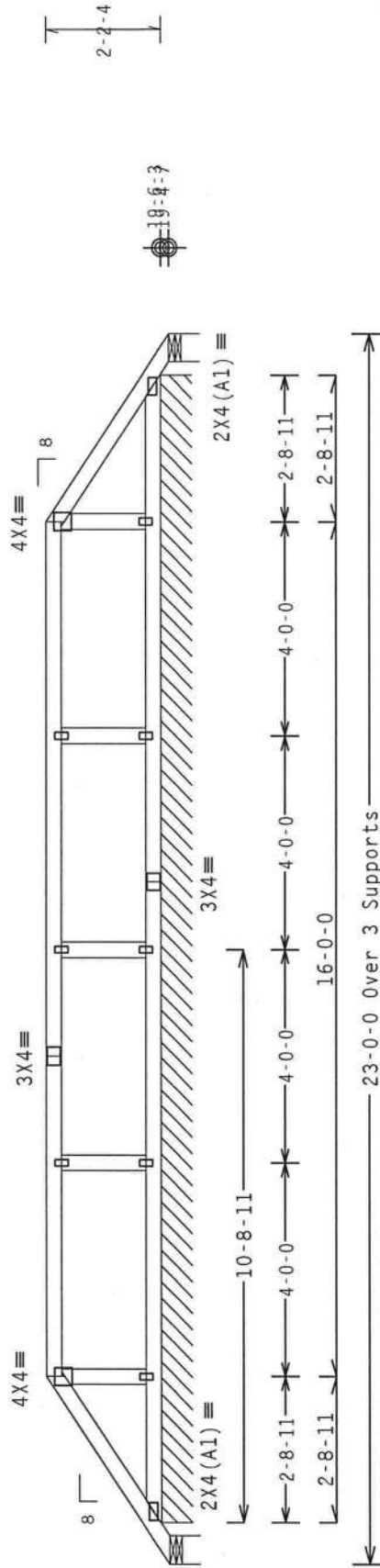
Refer to DWG PB1200310 for piggyback details.

Special loads

-----Lumber
Dur.Fac.-1.25 / Plate Dur.Fac.-1.25)
TC- From 64 plf at 0.00 to 64 plf at 3.50
TC- From 64 plf at 3.50 to 64 plf at 19.50
TC- From 64 plf at 19.50 to 64 plf at 23.00
BC- From 4 plf at 0.00 to 4 plf at 23.00

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

MWFRS loads based on trusses located at least 20.54 ft. from roof edge.



23'-0" Over 3 Supports

R=71 PLF U=15 PLF W=21-5-6
R=-2 Rw=37 U=38 W=6.31"
RL=52/-52

Note: All Plates Are 1.5X3 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(S

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

PLT TYP. Wave

Scale = .3125"/Ft.

REF R487-- 89769

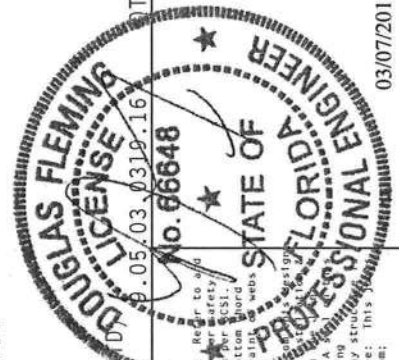
DATE 03/07/11

DRW HCUSR487 11066042

HC-ENG KD/DF

SEON- 187733

JREF- 1UA1487_Z01



WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET

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ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0278

(11-041--F11) in later BRYAN ZECHER/HARRISON -- , ** - AP3)

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

110 mph wind, 21.20 ft mean hgt, ASCE 7-05, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=2.0 psf. lw=1.00 GCpl(+/-)-0.18

Wind reactions based on MWFRS pressures.

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

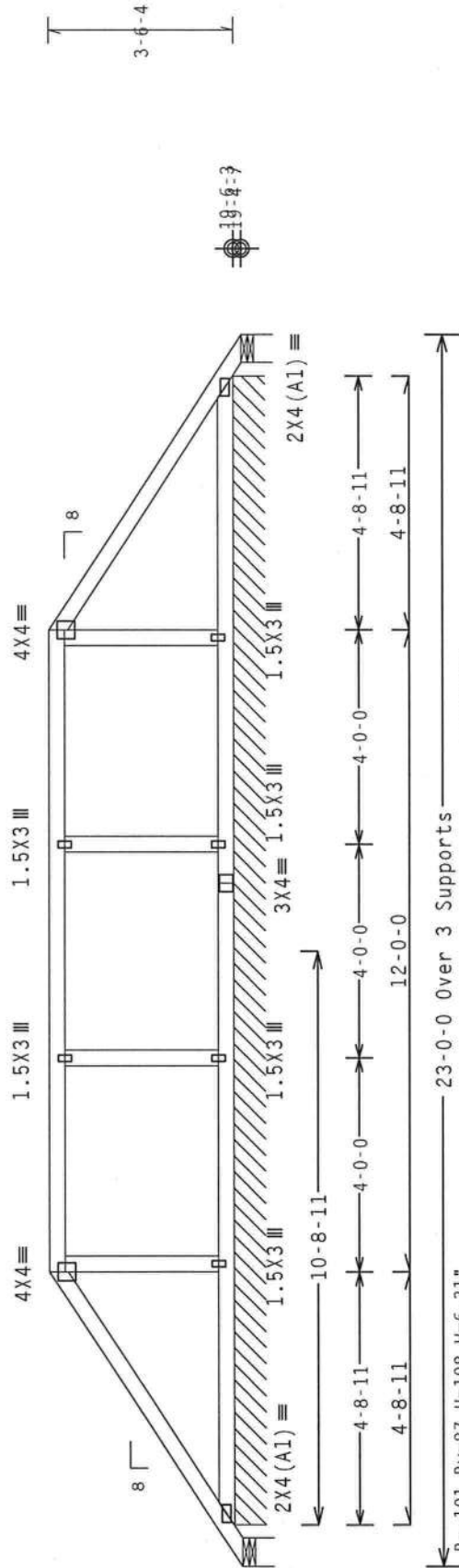
Refer to DWG PB1200310 for piggyback details.

Special loads

----- (Lumber
Dur.Fac.-1.25 / Plate Dur.Fac.-1.25)
TC- From 64 plf at 0.00 to 64 plf at 5.50
TC- From 64 plf at 5.50 to 64 plf at 17.50
BC- From 64 plf at 17.50 to 64 plf at 23.00
BC- From 4 plf at 0.00 to 4 plf at 23.00

In lieu of structural panels or rigid ceiling use purlins to brace all
flat TC @ 24" OC, all BC @ 24" OC.

MWFRS loads based on trusses located at least 21.20 ft. from roof
edge.



23-0-0 Over 3 Supports

R=101 Rw=87 U=108 W=6.31"

RL=84/-84

R=81 PLF U=14 PLF W=21-5-6

R=101 Rw=40 U=61 W=6.31"

PLT TYP. Wave

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

Scale = .3125" / Ft.

TY:1	FL/-4/-/-R/-	TC LL	20.0 PSF	REF	R487-- 89770
		TC DL	10.0 PSF	DATE	03/07/11
		BC DL	10.0 PSF	DRW	HCUSR487 11066043
		BC LL	0.0 PSF	HC-ENG	KD/DF
		TOT.LD.	40.0 PSF	SEQN-	187743
		DUR.FAC.	1.25		
		SPACING	24.0"	JREF-	1UA1487_Z01

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET
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ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, bracing or trusses. Apply plates to each face of truss and position as shown above and on to the web details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A signed and sealed drawing is required for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: the general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinat.org; WCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

(11-041--Fill in later BRYAN ZECHER/HARRISON --, ** - AP4)

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

110 mph wind, 21.87 ft mean hgt, ASCE 7-05, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=2.0 psf. Iw=1.00 Gcpl(+/-)-0.18

Wind reactions based on MWFRS pressures.

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

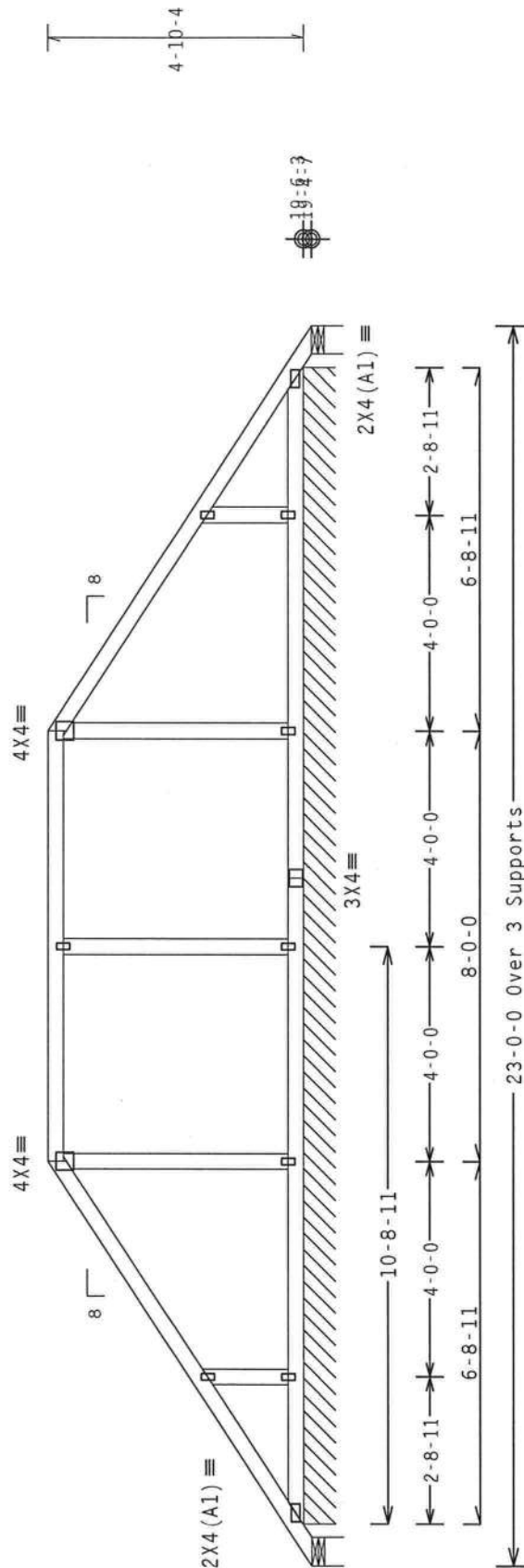
Refer to DWG PB1200310 for piggyback details.

Special loads

-----Lumber Dur.Fac.-1.25 / Plate Dur.Fac.-1.25)
TC- From 64 plf at 0.00 to 64 plf at 7.50
TC- From 64 plf at 7.50 to 64 plf at 15.50
TC- From 64 plf at 15.50 to 64 plf at 23.00
BC- From 4 plf at 0.00 to 4 plf at 23.00

In lieu of structural panels or rigid ceiling use purlins to brace all
flat TC @ 24" OC, all BC @ 24" OC.

MWFRS loads based on trusses located at least 21.87 ft. from roof
edge.



R-13 Rw=68 U=65 W=6.31"

RL=116/116 U=10 PLF W=21-5-6

Note: All Plates Are 1.5X3 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(0%)0(0)

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

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!

IMPORTANT FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and BCSI) for safety practices prior to performing these functions. Installers shall provide temporary bracing and BCSI, unless noted otherwise, top chord shall have properly attached structural sheathing and blocking. Chords shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing or web shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation, bracing of trusses. Apply plates to each face of truss and position as shown above and on details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. ITWBCG shall not be responsible for the design, fabrication, or installation of the truss. The responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: ITWBCG general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NITCA: www.nitcaindustry.com; ICC: www.iccsafe.org

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



QTY:1	FL/-4/-/-R/-	Scale = .3125"/Ft.
TC LL	20.0 PSF	REF R487-- 89771
TC DL	10.0 PSF	DATE 03/07/11
BC DL	10.0 PSF	DRW HCUSR487 11066044
BC LL	0.0 PSF	HC-ENG KD/DF
TOT.LD.	40.0 PSF	SEON- 187748
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UA1487_Z01

(11-041--Fill in later BRYAN ZECHER/HARRISON -- . ** - AP5)

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

110 mph wind, 22.27 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

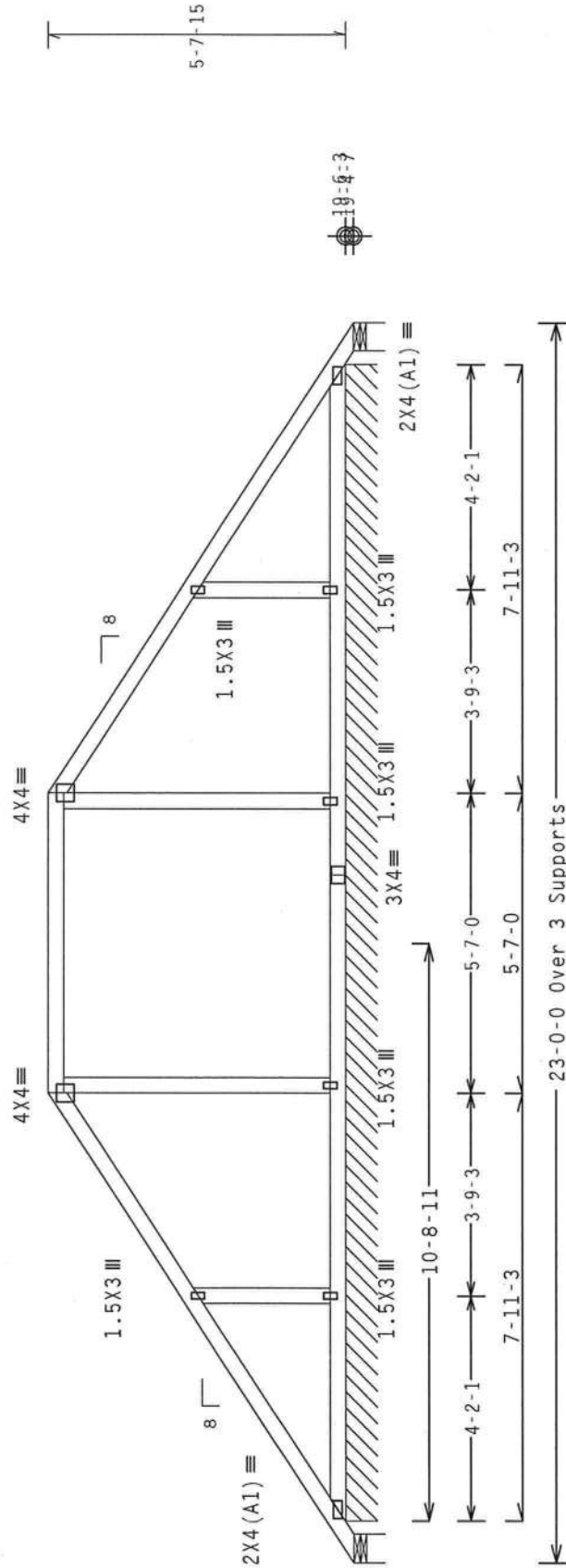
Refer to DWG PB1200310 for piggyback details.

Special loads

-----Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 64 plf at 0.00 to 64 plf at 8.71
TC- From 64 plf at 8.71 to 64 plf at 14.29
BC- From 64 plf at 14.29 to 64 plf at 23.00
BC- From 4 plf at 0.00 to 4 plf at 23.00

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

MWFRS loads based on trusses located at least 22.27 ft. from roof edge.



R=-56 Rw=99 U=109 W=6.31"
RL=136/-136
R=77 PLF U=10 PLF W=21-5-6

R=-56 Rw=24 U=33 W=6.31"

PLT TYP. Wave

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

Scale = .3125"/Ft.

 ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET! FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.		No. 66848		TC LL	20.0 PSF	REF R487-- 89772
	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and BCSI) for safety practices prior to performing these functions. Installers shall provide temporary bracing BCSI, unless noted otherwise. Top chord shall have properly attached structural sheathing and blocking. Chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.		STATE OF FLORIDA PROFESSIONAL ENGINEER		TC DL	10.0 PSF	DATE 03/07/11
	ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design of any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing and bracing of trusses. Apply plates to each face of truss and position as shown above and on details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. The responsibility of the Building Designer for the design shown in this drawing shall be the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: general notes page; ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NCCA: www.nccsa.org		03/07/2011		BC DL	10.0 PSF	DRW HCUSR487 11066045
					BC LL	0.0 PSF	HC-ENG KD/DF
					TOT.LD.	40.0 PSF	SEQN- 187758
				DUR.FAC.	1.25		
				SPACING	24.0"		JREF- 1UA1487_Z01

(11-041--Fill) in later BRYAN ZECHER/HARRISON -- , ** - H23AP)

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

110 mph wind, 22.04 ft mean hgt, ASCE 7-05, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=2.0 psf. 1w=1.00 GCpf(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

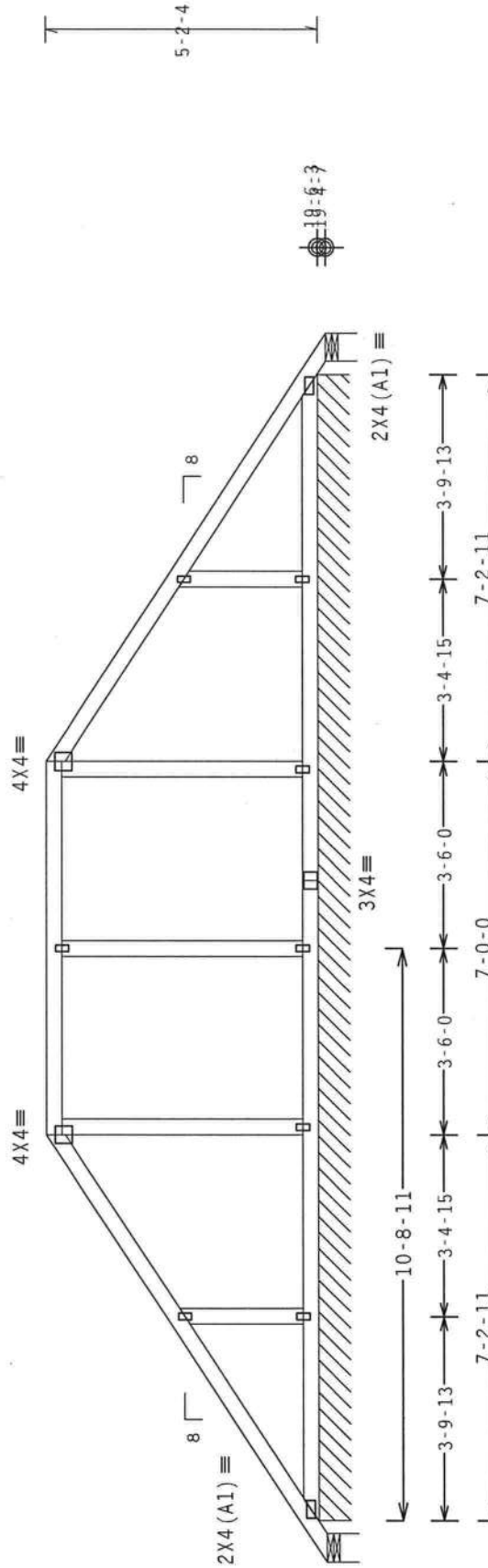
Refer to DWG PB1200310 for piggyback details.

Special loads

-----Lumber
Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 64 plf at 0.00 to 64 plf at 8.00
TC- From 64 plf at 8.00 to 64 plf at 15.00
TC- From 64 plf at 15.00 to 64 plf at 23.00
BC- From 4 plf at 0.00 to 4 plf at 23.00

In lieu of structural panels or rigid ceiling use purlins to brace all
flat TC @ 24" OC, all BC @ 24" OC.

MWFRS loads based on trusses located at least 22.04 ft. from roof
edge.



R=37 Rw=87 U=94 W=6.31"
RL=124/-124
R=75 PLF U=10 PLF W=21-5-6

Note: All Plates Are 1.5X3 Except As Shown.

Design Crit: FBC2007Res/TPI-2002 (S.D)

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

QTY: 1

FL/-/4/-/-/R/-

Scale = .3125"/Ft.

REF R487-- 89773

DATE 03/07/11

DRW HCUSR487 11066046

HC-ENG KD/DF

SEQN- 187768

DUR.FAC. 1.25

SPACING 24.0"

JREF- 1UA1487_Z01



WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing.

Follow the latest edition of BCSI (Building Component Safety Information, by TPI and BCSI).

Practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.

Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord

shall have a properly attached rigid ceiling. Locations shown for permanent lateral resistance.

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

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from design

any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, or

bracing of trusses. Apply plates to each face of truss and position as shown above and on the

Details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A section

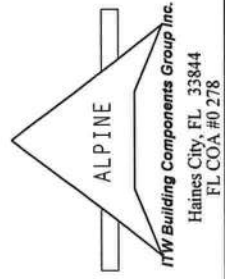
drawing or cover page listing this drawing. Indicates acceptance of professional engineering

responsibility solely for the design shown. The liability and use of this design for any structure

shall be the responsibility of the user. This design is not to be used for any structure

general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpi.org; NCA: www.ncaindustry.com;

ICC: www.iccsafe.org



(11-041--F11) in later BRYAN ZECHER/HARRISON -- , ** - H21AP)

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

110 mph wind, 21.37 ft mean hgt, ASCE 7-05, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=2.0 psf. Iw=1.00 Gcpl(+/-)-0.18

Wind reactions based on MWFRS pressures.

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

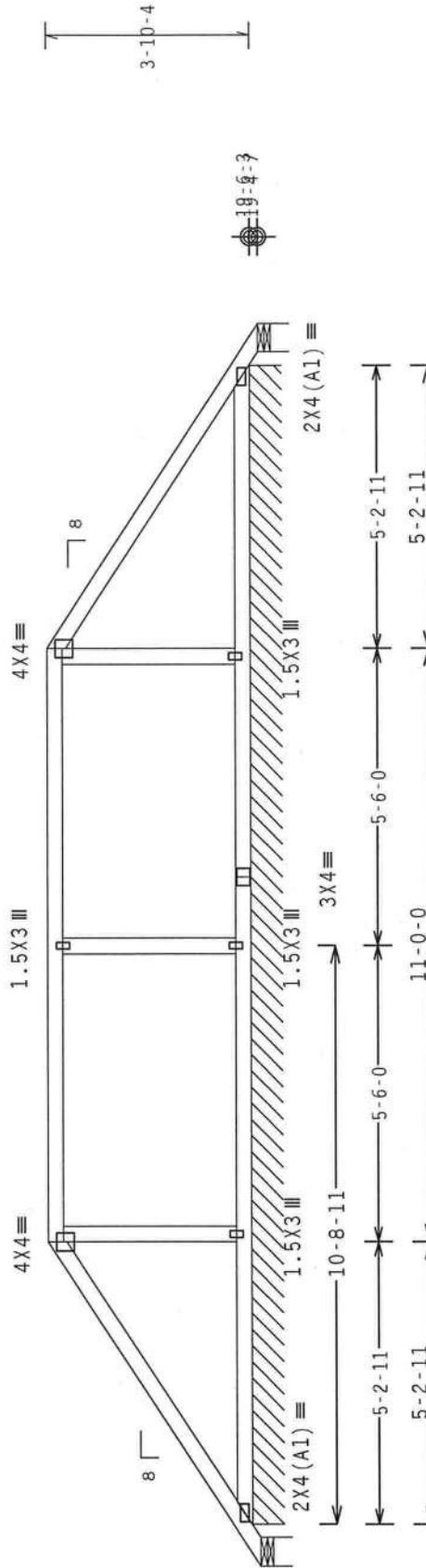
Refer to DWG PB1200310 for piggyback details.

Special loads

-----Lumber
TC- From Dur.Fac.-1.25 / Plate Dur.Fac.-1.25)
64 plf at 0.00 to 64 plf at 6.00
TC- From 64 plf at 6.00 to 64 plf at 17.00
TC- From 64 plf at 17.00 to 64 plf at 23.00
BC- From 4 plf at 0.00 to 4 plf at 23.00

In lieu of structural panels or rigid ceiling use purlins to brace all
flat TC @ 24" OC, all BC @ 24" OC.

MWFRS loads based on trusses located at least 21.37 ft. from roof
edge.



R=122 Rw=104 U=130 W=6.31"

RL=92/-92

R=83 PLF U=14 PLF W=21-5-6

R=-122 Rw=52 U=78 W=6.31"

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

Scale = 3/125"/Ft.

PLT TYP. Wave

QTY: 1

FL/-/4/-/-/R/-

REF R487-- 89774

IMPORTANT

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ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, bracing or trusses. Apply plates to each face of truss and position as shown above and on details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions.
Responsibility solely for the design, construction, installation, use or modification of the truss shall remain with the user of the truss. ITWBCG shall not be responsible for the design, construction, installation, use or modification of the truss.
General notes page: ITW-BCSI: www.itwbcg.com; TPI: www.tpi-inst.org; NICA: www.nicaindustrial.com; ICC: www.iccsafe.org

WARNING

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Responsibility solely for the design, construction, installation, use or modification of the truss shall remain with the user of the truss. ITWBCG shall not be responsible for the design, construction, installation, use or modification of the truss.
General notes page: ITW-BCSI: www.itwbcg.com; TPI: www.tpi-inst.org; NICA: www.nicaindustrial.com; ICC: www.iccsafe.org



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



TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

03/07/2011

JREF- 1UA1487_Z01

(11-041--Fill in later BRYAN ZECHE/HARRISON --, ** - H19AP)

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

110 mph wind, 20.70 ft mean hgt, ASCE 7-05, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=2.0 psf. lw=1.00 GCpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

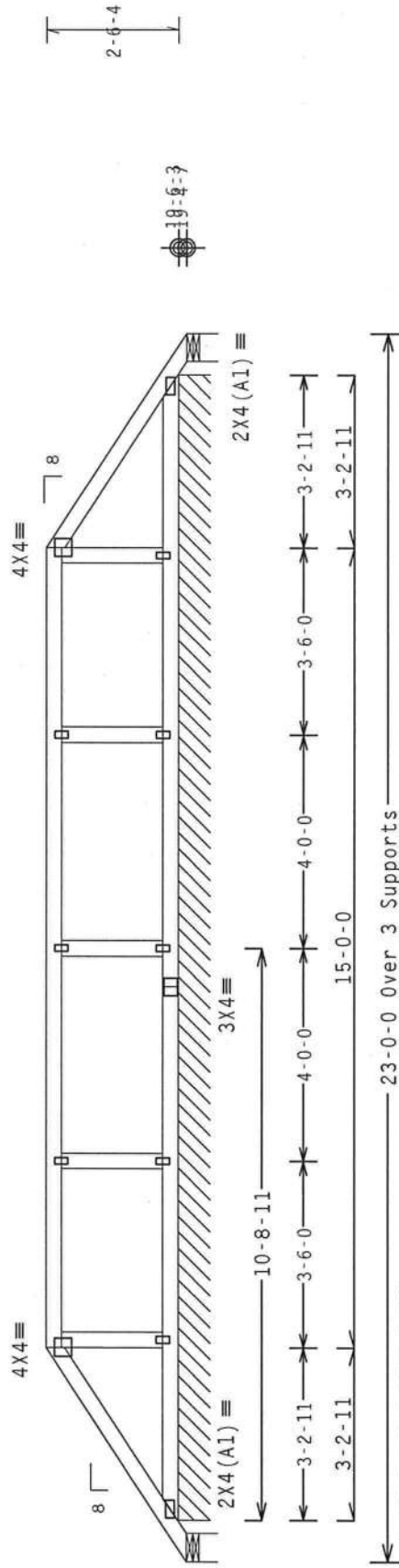
Refer to DWG PB1200310 for piggyback details.

Special loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 64 plf at 0.00 to 64 plf at 4.00
TC- From 64 plf at 4.00 to 64 plf at 19.00
TC- From 64 plf at 19.00 to 64 plf at 23.00
BC- From 4 plf at 0.00 to 4 plf at 23.00

In lieu of structural panels or rigid ceiling use purlins to brace all
flat TC @ 24" OC, all BC @ 24" OC.

MWFRS loads based on trusses located at least 20.70 ft. from roof
edge.



R=24 RW=47 U=52 W=6.31"

RL=60/-60

R=74 PLF U=15 PLF W=21-5-6

Note: All Plates Are 1.5X3 Except As Shown.

PLT TYP. Wave

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

Scale = .3125"/Ft.

QTY: 1 FL/-4/-/-/R/-

REF R487-- 89775

DATE 03/07/11

DRW HCUSR487 11066048

HC-ENG KD/DF

SEQN- 187784

DUR.FAC. 1.25

JREF- IUA1487_Z01

SPACING 24.0"



ALPINE

ALPINE Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278



03/07/2011

(11-041--Fill in later BRYAN ZECHER/HARRISON --, ** - H17AP)

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

110 mph wind, 20.04 ft mean hgt, ASCE 7-05, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind
BC DL-2.0 psf. lw=1.00 GCpl(+/-)-0.18

Wind reactions based on MMFRS pressures.

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

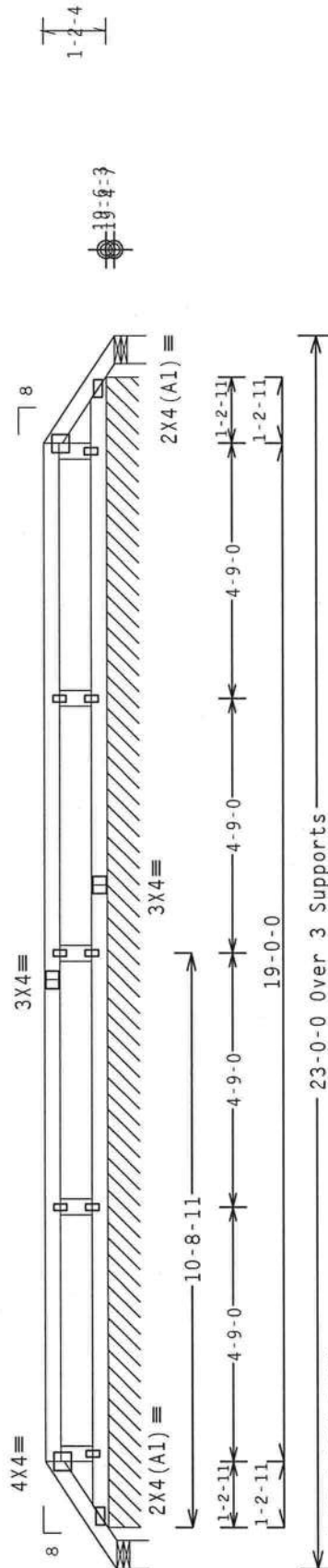
Refer to DWG PB1200310 for piggyback details.

Special loads
----- (Lumber
TC- From 64 plf at 0.00 to 64 plf at 2.00
TC- From 64 plf at 2.00 to 64 plf at 21.00
TC- From 64 plf at 21.00 to 64 plf at 23.00
BC- From 4 plf at 0.00 to 4 plf at 23.00

Dur.Fac.-1.25 / Plate Dur.Fac.-1.25
64 plf at 0.00 to 64 plf at 2.00
64 plf at 2.00 to 64 plf at 21.00
64 plf at 21.00 to 64 plf at 23.00
4 plf at 0.00 to 4 plf at 23.00

In lieu of structural panels or rigid ceiling use purlins to brace all
flat TC @ 24" OC, all BC @ 24" OC.

MMFRS loads based on trusses located at least 20.04 ft. from roof
edge.



23-0-0 Over 3 Supports

R=25 U=13 W=6.31"

RL=28/-28

R=69 PLF U=16 PLF W=21-5-6

Note: All Plates Are 1.5X3 Except As Shown.

Design Cr1t: FBC2007Res/TPI-2002 (S)

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

DTY:1

FL/-4/-/-R/-

Scale = .3125"/Ft.

REF R487-- 89776

DATE 03/07/11

DRW HCUSR487 11066049

HC-ENG KD/DF

SEQN- 187795

JREF- 1UA1487_Z01

DUR.FAC. 1.25

SPACING 24.0"



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Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral resistance shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation, modification, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, bracing of trusses. Apply plates to each face of truss and position as shown above and on details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A drawing or cover page listing this disclaimer is required for all truss orders.

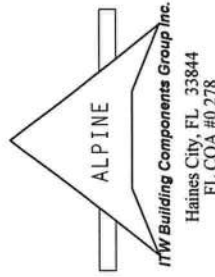
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NAIL SPACING DETAIL

MINIMUM SPACING FOR SINGLE BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

BLOCK LOCATION, SIZE, LENGTH, GRADE AND TOTAL NUMBER AND TYPE OF NAILS ARE TO BE SPECIFIED ON SEALED DESIGN REFERENCING THIS DETAIL.

LOAD PERPENDICULAR TO GRAIN

A - EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)

B - SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)

C - END DISTANCE (15 NAIL DIAMETERS)

LOAD PARALLEL TO GRAIN

A - EDGE DISTANCE (6 NAIL DIAMETERS)

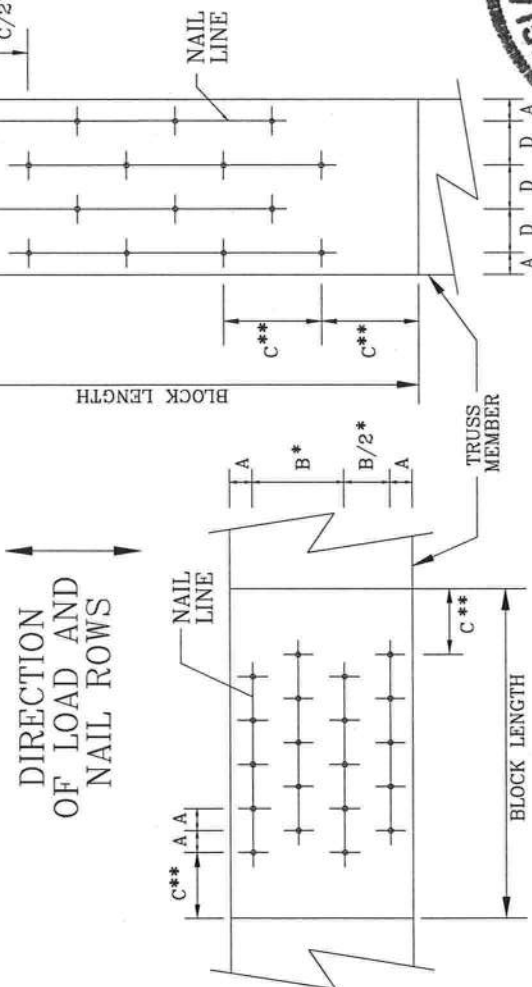
A - EDGE DISTANCE (6 NAIL DIAMETERS)
C - SPACING OF NAILS IN A ROW AND END DISTANCE (15 NAIL DIAMETERS)

D - SPACING BETWEEN STAGGERED ROWS OF NAILS (7 1/2 NAIL DIAMETERS)

IF NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW.

* SPACING MAY BE REDUCED BY 50% BELOW.

** SPACING MAY BE REDUCED BY 33%



LOAD APPLIED PERPENDICULAR TO GRAIN LOAD APPLIED PARALLEL TO GRAIN

LOAD APPLIED PERPENDICULAR TO GRAIN LOAD APPLIED PARALLEL TO GRAIN

***WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET!
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to add follow BCS1 (Building Component Safety Information, by TPI and WTA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCS1. Unless noted otherwise, all shop drawings shall have property attached structural panels and bottom chord shall have a properly attached rigid section. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCS1 sections E3 & B7. See this job's general notes page for more information.

[illegible]

Earth City, MO 63045

ITW-BCG: www.itwbcg.com; TPI: www.tpinist.com; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

03/07/2011

	NAIL TYPE	DISTANCES			
		A	B*	C**	D
8d BOX (0.113"X 2.5",MIN)	3/4"	1 3/8"	1 3/4"	7/8"	
10d BOX (0.128"X 3.",MIN)	7/8"	1 5/8"	2"	1"	
12d BOX (0.128"X 3.25",MIN)	7/8"	1 5/8"	2"	1"	
16d BOX (0.135"X 3.5",MIN)	7/8"	1 5/8"	2 1/8"	1 1/8"	
20d BOX (0.148"X 4.",MIN)	1"	1 7/8"	2 1/4"	1 1/8"	
8d COMMON (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	1"	
10d COMMON (0.148"X 3.",MIN)	1"	1 7/8"	2 1/4"	1 1/8"	
12d COMMON (0.148"X 3.25",MIN)	1"	1 7/8"	2 1/4"	1 1/8"	
16d COMMON (0.162"X 3.5",MIN)	1'	2"	2 1/2"	1 1/4"	
GUN (0.120"X 2.5",MIN)	3/4"	1 1/2"	1 7/8"	1"	
GUN (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	1"	
GUN (0.120"X 3.",MIN)	3/4"	1 1/2"	1 7/8"	1"	
GUN (0.131"X 3.",MIN)	7/8"	1 5/8"	2"	1"	

REF NAIL SPACE

DATE 1/1/09

DRWG C>NNAILSP0109

CLB WEB BRACE SUBSTITUTION

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

NOTES:

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

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

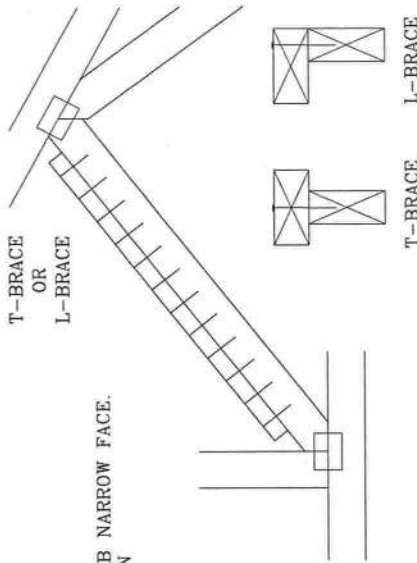
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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

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

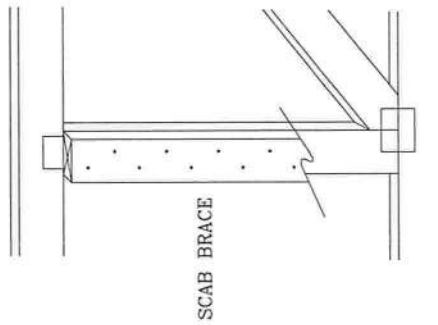
T-BRACING
OR
L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE.
ATTACH WITH 10d BOX OR GUN
(0.128" x 3" MIN) NAILS.
AT 6" O.C.
BRACE IS A
MINIMUM 80% OF WEB
MEMBER LENGTH



SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB.
NO MORE THAN (1) SCAB PER FACE.
ATTACH WITH 10d BOX OR GUN
(0.128" x 3" MIN) NAILS.
AT 6" O.C.
BRACE IS A MINIMUM
80% OF WEB MEMBER LENGTH



TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	1/1/09
BC DL	PSF	DRWG	BRCLESUB0109
BC LL	PSF		
TOT. LD.	PSF		
DUR. FAC.			
SPACING			



*****WARNING***** READ AND FOLLOW ALL NOTES ON THIS SHEET. Trusses require extreme care in fabricating, shipping, installing and bracing. Refer to and follow BCSI (Building Component Safety Information, by TPI and WCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, BCSI shall have properly attached structural panels and bottom chord shall have a properly attached upper ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3 & B7. See this job's general notes page for more information.

*****IMPORTANT***** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW Building Components Group Inc. (ITWBCC) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with TPI, or fabricating, handling, shipping, installing or bracing of trusses. ITWBCC connector plates are made of 2018/16CA (W/H/S/K) ASTM A572 Grade 50/60 (K/W/H/S) galv. steel. Apply plates to each face of truss, positioned as shown above and below the web. A seal on this drawing or cover page indicates design and performance of the truss and components for the use of the Building Designer per ANSI/TPI 1 Sec. 2.

ITW-BCC: www.itwbcc.com; TPI: www.tpi.net; WCA: www.sbcindustry.com; ICC: www.iccsafe.org



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

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

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:
SPRUCE-PINE-FIR
#1 / #2 STANDARD
#3 STUD

GROUP B:
HEM-FIR
#1 & BTR
#1

GROUP C:
DOUGLAS FIR-LARCH
#1 / #2 STANDARD
#3 STUD

GROUP D:
SOUTHERN PINE
#1 / #2 STANDARD
#3 STUD

GROUP E:
DOUGLAS FIR-LARCH
#1 / #2 STANDARD
#3 STUD

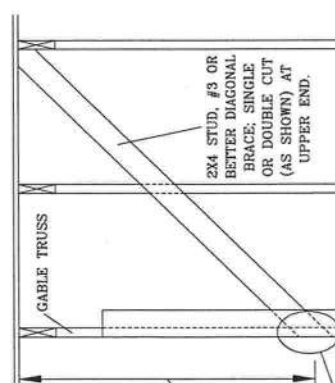
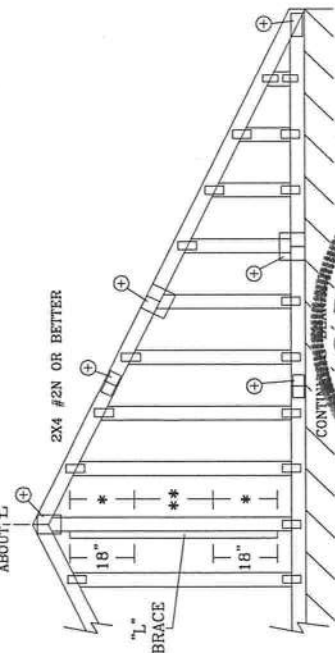
GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.
PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).
GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 2' O.C. IN 18" END ZONES AND 4' O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3' O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.
"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

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

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

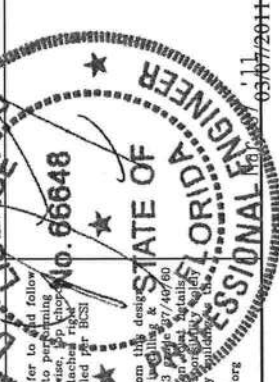


DIAGONAL BRACE OPTION:
VERTICAL LENGTH MAY BE DOUBLED WHEN DIAGONAL BRACE IS USED. CONNECT DIAGONAL BRACE FOR 600# AT EACH END. MAX WEB TOTAL LENGTH IS 14'.

VERTICAL LENGTH SHOWN IN TABLE ABOVE.

CONNECT DIAGONAL AT MIDPOINT OF VERTICAL WEB.

REFER TO CHAIR FOR VERTICAL LENGTH.



WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. BCS (Building Component Safety Information, by TPI and WCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCS. Unless noted otherwise, all bracing shall have property attached structural panels and bottom chord shall have a properly attached right side ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCS sections B3 & B7. See this job's general note page for more information.

IMPORTANT** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design for any failure to build the truss in conformance with TPI, or fabricating, handling, shipping, installing & bracing of trusses. ITWBCG connector plates are made of 2010/160A (W11/S/K) ASTM A572 Grade 50 (K/R/W/S) galv. steel. Apply plates to each face of truss, positioned as shown above and below the gable end. The truss component design shown. The suitability and use of this component for any responsibility of the Building Designer per ANSI/TPI 1 Sec. 2.

ITW-BCC: www.itwbcg.com; TPI: www.tpinet.com; WCA: www.abcdindustry.com; ICC: www.iccsafe.org



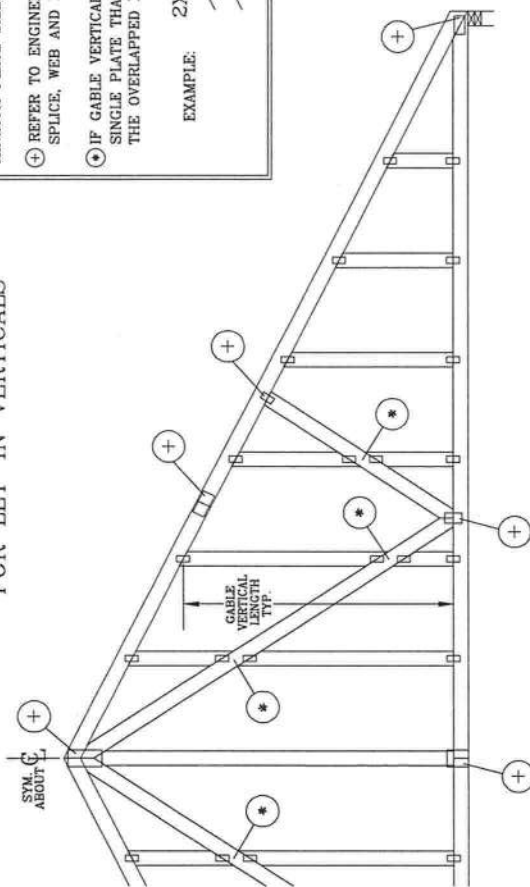
Earth City, MO 63045

MAX. TOT. LD. 60 PSF

MAX. SPACING 24' 0"

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

GABLE DETAIL FOR LET-IN VERTICALS



GABLE TRUSS PLATE SIZES

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

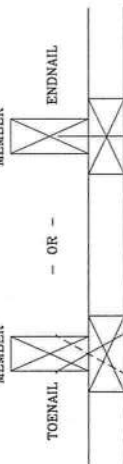
⊕ REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.

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



EXAMPLE:

"T" REINFORCEMENT ATTACHMENT DETAIL
"T" REINFORCING MEMBER



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

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

WEB LENGTH INCREASE W/ "T" BRACE

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

EXAMPLE:

ASCE WIND SPEED = 100 MPH
MEAN ROOF HEIGHT = 30 FT, Kzt = 1.00
GABLE VERTICAL = 24' O.C. SP #3
"T" REINFORCING MEMBER SIZE = 2X4
"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10
(1) 2X4 "L" BRACE LENGTH = 6' 7"
MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH
1.10 x 6' 7" = 7' 3"

PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH

END DRIVEN NAILS:

10d COMMON (0.148" X 3" MIN) NAILS AT 4" O.C. PLUS

(4) NAILS IN TOP AND BOTTOM CHORD.

TOENAILED NAILS:

10d COMMON (0.148" X 3" MIN) TOENAILS AT 4" O.C. PLUS

(4) TOENAILS IN TOP AND BOTTOM CHORD.

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

WIND LOAD.

ASCE 7-98 GABLE DETAIL DRAWINGS

A13015980109, A12015980109, A11015980109, A10015980109,

A13030980109, A12030980109, A11030980109, A10030980109

ASCE 7-02 GABLE DETAIL DRAWINGS

A13015020109, A12015020109, A11015020109, A10015020109,

A13030020109, A12030020109, A11030020109, A10030020109

ASCE 7-05 GABLE DETAIL DRAWINGS

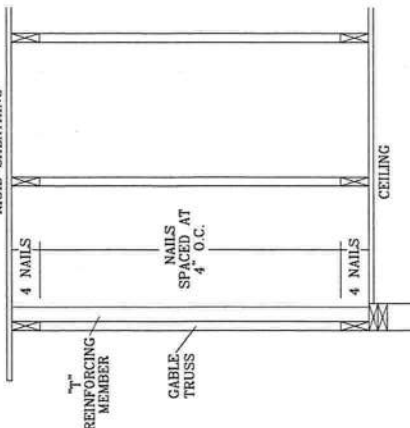
A13015050109, A12015050109, A11015050109, A10015050109,

A13030050109, A12030050109, A11030050109, A10030050109

SEE APPROPRIATE ITW GABLE DETAIL FOR MAXIMUM

UNREINFORCED GABLE VERTICAL LENGTH.

RIGID SHEATHING



WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to local building codes (BCSI Building Component Safety Information, by TPI and WCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, tag chord shall have properly attached structural panels and bottom chord shall have a properly attached rigid ceiling. Details shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B5 & B7. See this job's general notes page for more information.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from design. Any failure to build the truss in conformance with TPI, or fabricating, handling, shipping, installing or bracing of trusses. ITWBCG connector plates are made of 3015/16GA (W1/S/K) ASTM A569C60 (C70/60) (K/W/H/S) galv. steel. Apply plates to each face of truss, post-tensioned and end-anchored. ITWBCG shall not be responsible for the truss component design shown. The suitability and use of this component for any building is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2.

ITW - BCG: www.itwbcg.com; TPI: www.tpinat.com; WCA: www.shcdindustry.com; ICC: www.iccsafe.org



Building Components Group Inc.

Earth City, MO 63045

REF LET-IN VERT

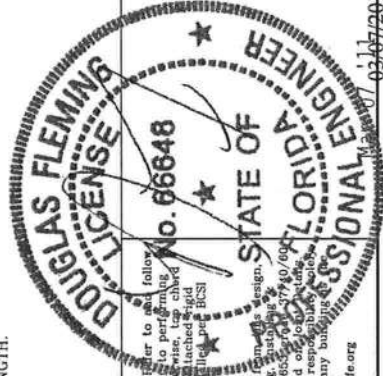
DATE 1/1/09

DRWG GBLLETIN0109

MAX TOT. LD. 60 PSF

DUR. FAC. ANY

MAX SPACING 24.0"



CK# 2608

Columbia County Building Permit Application

✓ RICH MOORE LAB

For Office Use Only Application # 1103-06 Date Received 3-4-11 By CH Permit # 18801 29273
 Zoning Official BZK ate 17.03.11 Flood Zone X Land Use A-3 Zoning A-3
 FEMA Map # N/A Elevation N/A MFE 79' 8" River N/A Plans Examiner T.C. Date 3-11-11
 Comments Elevation Confirmation Letter Required
☒ NOC ☒ EH ☒ Deed or PA ☒ Site Plan ☐ State Road Info ☒ Well letter ☒ 911 Sheet ☐ Parent Parcel #
☐ Dev Permit # ☐ In Floodway ☐ Letter of Auth. from Contractor ☒ F W Comp. letter
 IMPACT FEES: EMS _____ Fire _____ Corr _____
 Road/Code _____ School _____ = TOTAL (Suspended) ☒ App Fee Paid

Septic Permit No. 11-0118-N Fax 386-752-8920

Name Authorized Person Signing Permit Bryan Zeher Phone 386-752-8653

Address PO Box 815

Owners Name Lucinda Harrison Phone _____

911 Address 594 SW Meadow View Crt, Lake City, FL 32024

Contractors Name Bryan Zeher Construction Inc Phone 752-8653

Address PO Box 815 Lake City, FL 32056

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Freeman Design Group

Mortgage Lenders Name & Address N/A

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

Property ID Number 18-55-16-03642-107 Estimated Cost of Construction \$326,000

Subdivision Name Meadow View Lot 7 Block _____ Unit _____ Phase _____

Driving Directions 47 South / T/R on 240 go about 3 miles turn left into Meadow View S/D at dead end on (R)

Number of Existing Dwellings on Property 0

Construction of New Home Total Acreage 5 Lot Size _____

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 26'

Actual Distance of Structure from Property Lines - Front 51' Side 50' Side 230' Rear 429'

Number of Stories 1 Heated Floor Area 3426 Total Floor Area 4526 Roof Pitch 8/12

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

JW Spokew/ Bryan 3.17.11

Columbia County Building Permit Application

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

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

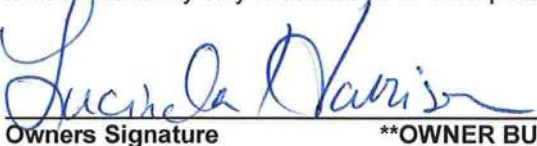
FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor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

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

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

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

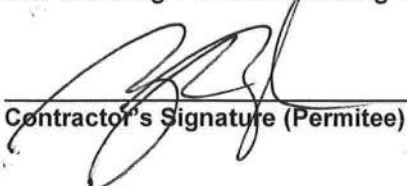
NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.


Owners Signature

(Owners Must Sign All Applications Before Permit Issuance.)

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

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

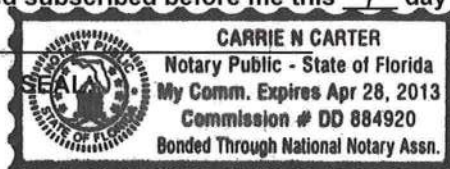

Contractor's Signature (Permitee)

Contractor's License Number CBC054575
Columbia County
Competency Card Number

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 4th day of March 2011.

Personally known ☒ or Produced Identification ☐


State of Florida Notary Signature (For the Contractor)



Prepared by:
Michael H. Harrell
Abstract & Title Services, Inc.
P. O. Box 7175
Lake City, FL 32055

Inst 201012005118 Date 4/1/2010 Time 4:14 PM
Doc Stamp-Deed 610.00
J.G. P. DeWitt Caseon Columbia County Page 1 of 2 B 1:1:1 P 2256

ATS# 2-17898

Warranty Deed

Individual to Individual

THIS WARRANTY DEED made the 1st day of April, 2010, Peter W. Giebeig, A Single Person, hereinafter called the grantor, to Lucinda R. Harrison and Dorothy M. Ricketson, as Joint Tenants with Right of Survivorship whose post office address is: 20249 NW 259th Terrace, High Springs, FL 32643 hereinafter called the grantee:

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

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys, and confirms unto the grantee, all that certain land situate in COLUMBIA County, Florida, viz: Parcel ID#

See Exhibit "A" Attached Hereto And By This Reference Made A Part Thereof.

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

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

AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2009.

IN WITNESS WHEREOF, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Traci Lawsey
Witness:

Traci Lawsey
Printed Name:

Donna Cox
Witness:

Donna Cox
Printed Name:

Peter W. Giebeig
Peter W. Giebeig

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 1st day of April, 2010 by PETER W. GIEBEIG, A SINGLE PERSON personally known to me or, if not personally known to me, who produced _____ for identification and who did not take an oath.



Donna Cox
Notary Public

17898

Exhibit "A"

Lot 7, Meadow View, a subdivision according to plat thereof recorded in Plat Book 9, Pages 94-95, Public Records of Columbia County, Florida.

AND

Commence at the NE corner of the SE $\frac{1}{4}$ of Section 18, Township 5 South, Range 16 East, Columbia County, Florida and run S 89°31'00" W., along the North line of said SE $\frac{1}{4}$, 1250.00 feet; thence S 00°24'08" E., 34.13 feet to the Point of Beginning; thence S 00°30'40" E., 289.64 feet; thence N 89°27'36" E., 564.35 feet; thence N 00°24'19" W., 183.30 feet to a curve being concave to the Southwest, having a radius of 25.00 feet and an included angle of 49°50'46"; thence run Northwesterly along the arc of said curve an arc distance of 21.75 feet to a point of reverse curve, having a radius of 60.00 feet and an included angle of 91°59'14"; thence run Northwesterly, Northerly & Northeasterly along the arc of said curve an arc distance of 96.33 feet; thence S 89°35'52" W., 550.64 feet to the Point of Beginning.

03-11-11;04:38PM;

A&B

386 758-2187

758-2160

1/ 3

11-0018-N

STATE OF FLORIDA
DEPARTMENT OF HEALTH

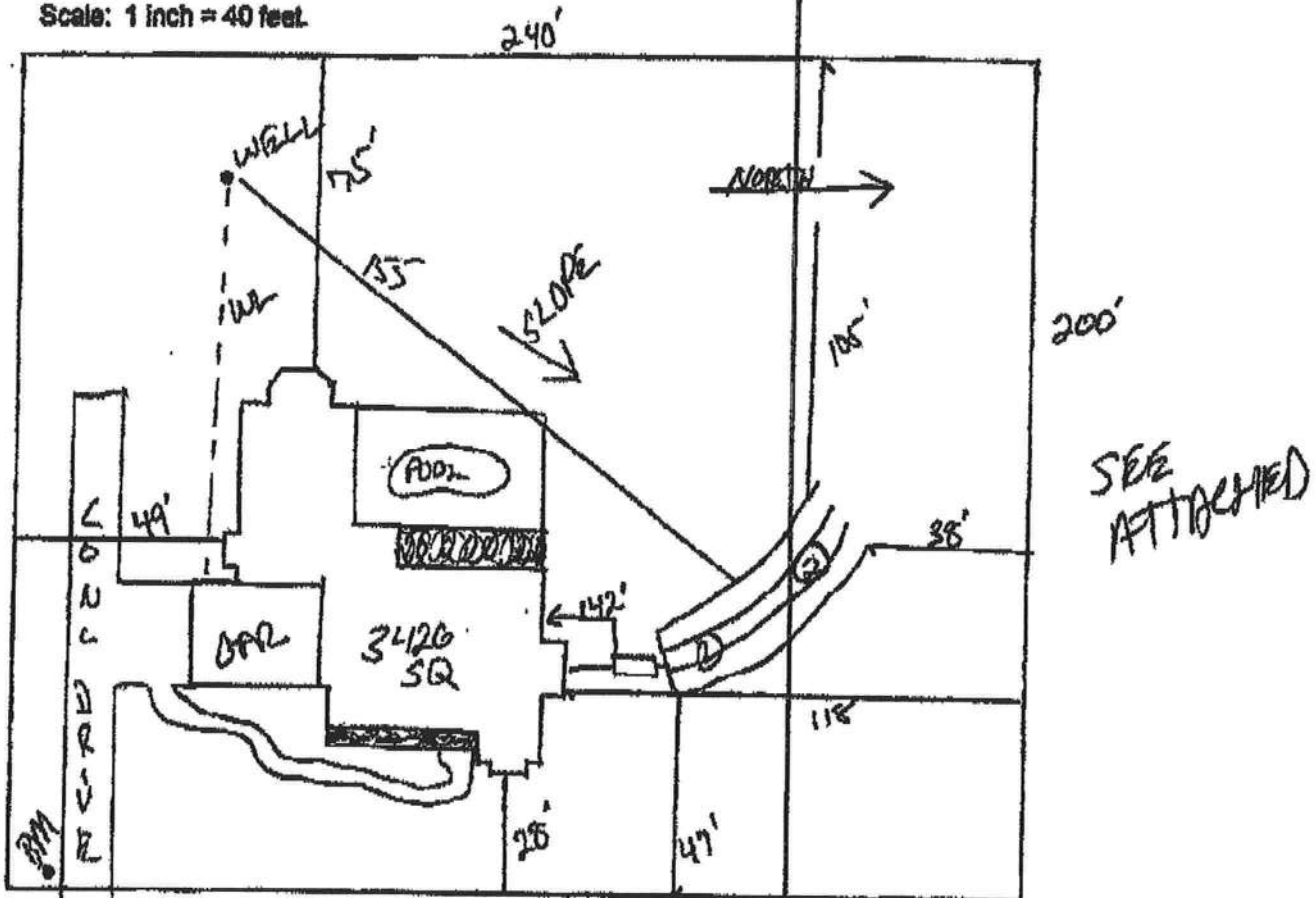
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 11-0119-N

HARRISON

- PART II - SITEPLAN

Scale: 1 inch = 40 feet.



Notes:

1.1 Acres of 8.69 Acres

Site Plan submitted by

Plan Approved

Not Approved

By Sally Ford, Health Director County Health Department

MASTER CONTRACTOR

Date 3-11-11

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DI 4015, 08/09 (Obsoletes previous editions which may not be used) Incorporated: 64E-3.001, FAC
(Stock Number: 6744-002-4015-6)

Page 2 of 4

Water Wells
Pumps & Service

Phone: (386) 752-8877
Fax: (386) 752-1477

Lynch Well Drilling, Inc.

173 SW Young Place
Lake City, FL 32025

March 17, 2011

To Whom It May Concern:

As required by building code regulations for Columbia County in order that a building permit can be issued, the following well information is provided with regard to the well for Lucinda Harrison in Meadow View lot 7 off 240 in Lake City.

Size of Pump Motor:	1 1/2 HP 20 gallons per min.
Size of Pressure Tank:	81 -Gallon Bladder Tank - 25.1 Draw down
Cycle Stop Valve Used:	No
Constant Pressure System:	No

Should you require any additional information, please contact us.

Sincerely,



Linda Newcomb
Lynch Well Drilling, Inc.

Permit

"Revised"

SUBCONTRACTOR VERIFICATION FORM

NUMBER 29273

CONTRACTOR B. ZECHER

PHONE 752.8653

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

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

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

ELECTRICAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
MECHANICAL/ A/C _____	Print Name _____ License #: _____	Signature _____ Phone #: _____
PLUMBING/ GAS	Print Name _____ License #: _____	Signature _____ Phone #: _____
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
✓ CONCRETE FINISHER	310	LARRY J. BARNES	Larry J. Barnes
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

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

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER _____ CONTRACTOR _____ PHONE _____

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

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ELECTRICAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
MECHANICAL/ A/C _____	Print Name _____ License #: _____	Signature _____ Phone #: _____
PLUMBING/ GAS	Print Name _____ License #: _____	Signature _____ Phone #: _____
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON	000844	South Point Masonry, Inc.	[Signature]
CONCRETE FINISHER		Jim Dixon	
FRAMING			
INSULATION			
STUCCO			
DRYWALL	000345	Kim Hertzman	[Signature]
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

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

MAR 04 2011

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER

1103-04

CONTRACTOR

Bryan Zecher

PHONE

752-8653

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

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

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

ELECTRICAL 76	Print Name <u>Marc Matthews</u> License #: <u>ER-0014352</u>	Signature <u>[Signature]</u> Phone #: <u>344-2029</u>
MECHANICAL/A/C 48	Print Name <u>Glenn I Jones, Inc</u> License #: <u>CAC051486</u>	Signature <u>[Signature]</u> Phone #: <u>752-53189</u>
PLUMBING/GAS 730	Print Name <u>BUCK Boyette</u> License #: <u>CF0021540</u>	Signature <u>C. Z Boyette</u> Phone #: <u>(386) 752-0776</u>
ROOFING 187	Print Name <u>Mac Johnson Roofing Inc</u> License #: <u>RC 0061384</u>	Signature <u>Mac Johnson</u> Phone #: <u>352-472-4943</u>
SHEET METAL	Print Name <u>N/A</u> License #:	Signature _____ Phone #:
FIRE SYSTEM/SPRINKLER	Print Name <u>N/A</u> License #:	Signature _____ Phone #:
SOLAR	Print Name <u>N/A</u> License #:	Signature _____ Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON	000844	Jim Dixon	[Signature]
CONCRETE FINISHER	00063	Darrell Spradley	[Signature]
FRAMING	CBC054575	Bryan Zecher	[Signature]
INSULATION	000240	W. H. Sykes	[Signature]
STUCCO	N/A	N/A	
DRYWALL	000686	Joe Maddox	[Signature]
PLASTER	N/A	N/A	
CABINET INSTALLER	001039	Morrells/PAUL GRIFFITH	[Signature]
PAINTING	000330	Bobby Touchton	[Signature]
ACOUSTICAL CEILING	N/A	N/A	
GLASS	122	North Florida Glass	[Signature]
CERAMIC TILE	31	Morrells/HERB SPEARS	[Signature]
FLOOR COVERING	000204	Morrells/RICH MOORE	[Signature]
ALUM/VINYL SIDING	N/A	N/A	
GARAGE DOOR	211	Richard Horne	[Signature]
METAL BLDG ERECTOR	N/A	N/A	

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

Contractor Forms: Subcontractor form: 6/09

Spoke to Bryan left a message on
3-7-11 3-21-11

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER _____ CONTRACTOR _____ PHONE _____

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MECHANICAL/ A/C _____	Print Name _____ License #: _____	Signature _____ Phone #: _____
PLUMBING/ GAS	Print Name _____ License #: _____	Signature _____ Phone #: _____
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
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CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
ok DRYWALL	000345	Kim Heitzman	Kim Heitzman
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

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

Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: 536 SE Bay Dr

City: Lake City

Phone: 752-1703

Site Location: Subdivision _____

Lot # _____

Block # _____

Permit # 29273

Address: 594 SW Morrison Dr Ct

Lake City

Product used

Active Ingredient

% Concentration

☒ Premise

Imidacloprid

0.1%

☐ Termidor

Fipronil

0.12%

☐ Bora-Care

Disodium Octaborate Tetrahydrate

23.0%

Type treatment:

☒ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Main Body & Porches

4526

354

350

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

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

4/15/11
Date

8:50
Time

Neil S. F295
Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

