

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

PERMIT
000029484

PHONE 386.754.5555
NASSAU STREET LAKE CITY FL 32055
CAROL FEKO PHONE
SW COVEY COURT LAKE CITY FL 32025
ANDI HEBB PHONE 386.754.5555
LOCATION RTY 90-W TO C-341, TL TO COVEY COURT, TR AND THE LOT IS ON THE L.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 181000.00
HEATED FLOOR AREA 2260.00 TOTAL AREA 3620.00 HEIGHT STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC
LAND USE & ZONING RSF-2 MAX. HEIGHT 35
Minimum Set Back Requirements: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 01-4S-16-02678-208 SUBDIVISION COVEY COURT
LOT 8 BLOCK PHASE UNIT TOTAL ACRES 0.53
000001892 cbc1257313
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING 11-0257 BLK TC n
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident
COMMENTS: NOC ON FILE. 1 FOOT ABOVE ROAD.

Check # or Cash 17162

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 905.00 CERTIFICATION FEE \$ 18.10 SURCHARGE FEE \$ 18.10
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 1041.20
INSPECTORS OFFICE CLERKS OFFICE

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

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

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT 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 INSPECTION.

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

9/13/11 Re'd

SUBCONTRACTOR VERIFICATION FORM

Permit

APPLICATION NUMBER

29484

CONTRACTOR

ERKINGOR

PHONE

754-5555

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			
FRAMING			
INSULATION			
STUCCO			
OK DRYWALL	00197	EARSTON MASSIE	Earston massie
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 Forms Subcontractor form: 6/09

COLUMBIA COUNTY OFFICE OF CIVIL ENGINEERING

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 01-4S-16-02678-208

Building permit No. 000029484

Use Classification SFD/UTILITY

Fire: 70.62

Permit Holder BRANDI HEBB

Waste: 184.25

Owner of Building STEPHEN & CAROL FEKO

Total: 254.87

Location: 400 SW COVEY COURT, LAKE CITY, FL 32025

Date: 11/17/2011

Step C

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)

12/17/2006 07:53 3863627714

758-2160

PAGE 02/02



This home has been professionally insulated with
Advanced ThermaCube Plus®
Loosefill Insulation

Name Mr. Felo (Job Site Address) Permit # 29484
 Address _____
 City Lake City State FL Zip _____

Advanced ThermaCube Plus Loosefill Insulation 03MO4269

Stated R-Value is provided by installing the required number of bags per 1,000 sq. ft. at a thickness not less than the label minimum thickness. Installation of the required number of bags may yield more than the specified minimum thickness and minimum sq. ft. weight. Failure by the installer to provide both the required number of bags and at least the minimum thickness will result in lower insulation R-Value.

Specification For Open Blow Attics

Nominal net weight of insulation per bag is 35 lbs.

New Construction	R-VALUE	Bags Per 1,000 SQ. FT.	Minimum NET COVERAGE	Minimum Weight Per 1,000 SQ. FT.	Minimum Thickness
Number of bags used		No. of bags per 1,000 sq. ft. of net area shall not be less than:	Complete each bag should not cover more than:	Weight per sq. ft. installed insulation should not be less than:	Thickness insulation should not be less than:
Estimated R-value of previous insulation					
Area of coverage (sq. ft.)					
Other types of insulation in attic					
Thickness of insulation					
Depth of previous insulation					
Insulation					

*The higher the R-Value, the greater the insulating power. Ask your seller for the fact sheet on R-Values. Loosefill insulations vary in thermal performance due to factors such as aging, mean temperature, settlement, convection, moisture absorption and installation variation. Convection in glass loosefill insulation installed in open attics can reduce its thermal performance in extreme winter temperatures during the heating season.

Blanket Insulation

Blanket and batt fiber glass insulation, when installed according to the manufacturer's recommendations, will provide the stated R-Value.

R-VALUE	R-38	R-38C	R-30	R-30C	R-25	R-22	R-21	R-19	R-15	R-13	R-11
To obtain an insulation resistance (R) of											
MINIMUM THICKNESS											
Installed insulation should be	12"	10 1/4"	8 1/2"	8 1/4"	8"	6 3/4"	5 1/2"	4 1/4"	3 1/2"	3 1/2"	3 1/2"
R-18 has 5 1/2" cavity											
THE FOLLOWING PRODUCTS HAVE BEEN INSTALLED AS SPECIFIED ABOVE:											
	kraft	unfaced	foil	FS-25	R-Value	Thickness	No. Pkgs.	Coverage Area			
Ceiling	☐	☐	☐	☐	R-30	10"		2760			
Floors	☐	☐	☐	☐							
Walls	☒	☐	☐	☐	R-13	3 1/2"					
Basement	☐	☐	☐	☐							
Crawlspaces	☐	☐	☐	☐							

Contractor Shaloblain Date Nov 13 Builder Printell Date 11/17/11
 Company T & W Windows Inc. Company E R King Construction bcp
 Address Live Oak Address 248 SE Nassau St, Lake City



GTC Design Group, LLC
176 NW Lake Jeffery Road
Lake City, FL 32643
(Phone) 386.719.9985
(Fax) 386.719.8828
cwilliams@gtcdesigngroup.com

Finish Floor Elevation Letter

Owner: Carol Paige and Stephan G Feko

Permit # 29484

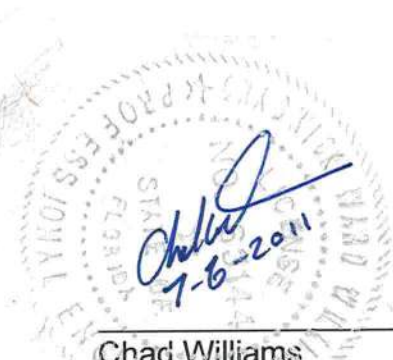
Parcel Number: 01-4S-16-02678-208

Parcel Description: Lot 8 Covey Court S/D. ORB 736-668,816-1696.979-177,WD 1811-2411

For protection against water damage, the minimum finish floor elevation of the proposed structure shall be 12" above natural ground at any point along the perimeter of the proposed structure. **In no case shall the finish floor elevation be greater than 26" below the centerline elevation of the adjacent roadway.**

The ground around the proposed structure shall be graded such as to convey all stormwater runoff away from the proposed structure.

The above elevations are based on the structure's proposed location, approximately 70 feet south-west of SW Covey Court.



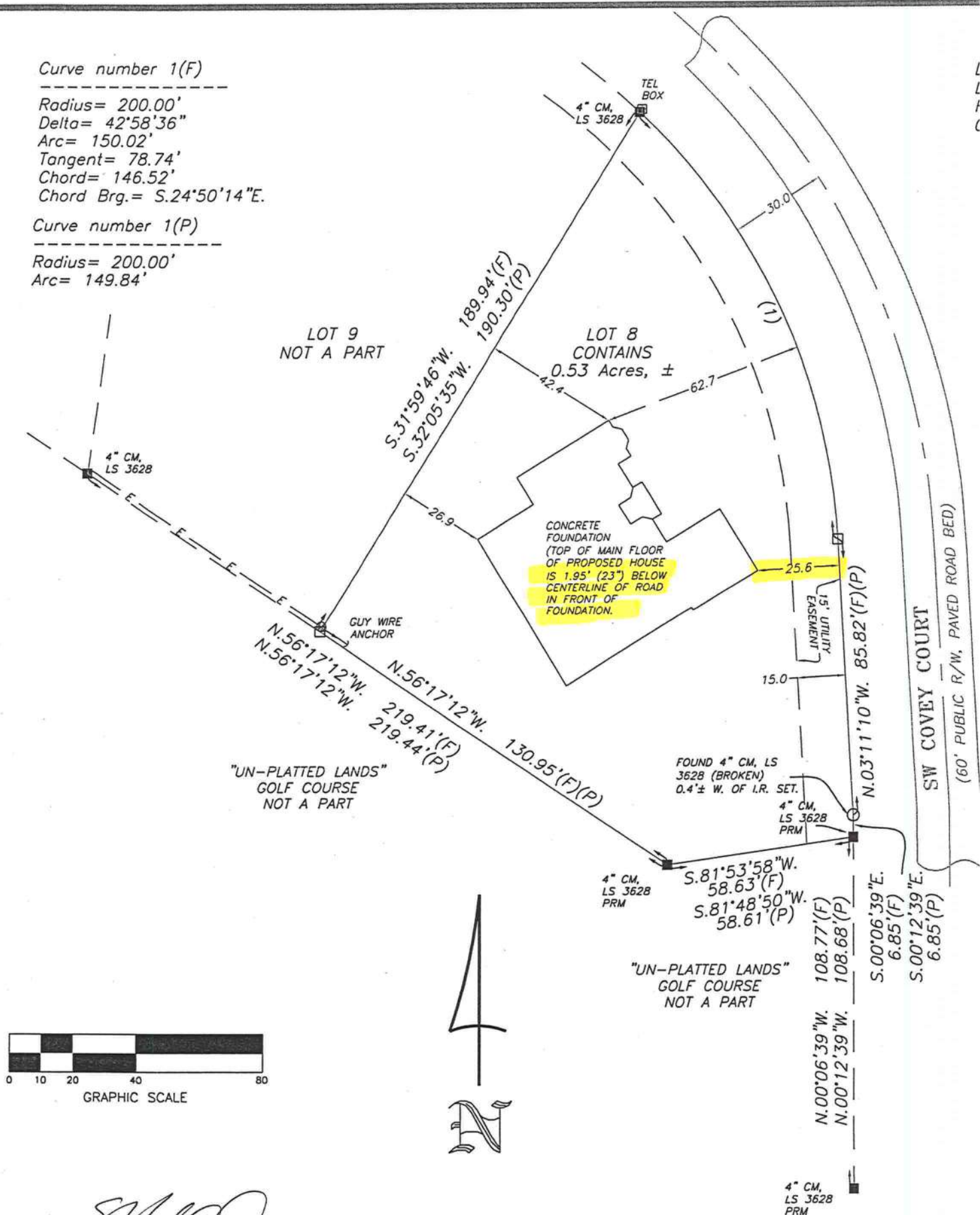
Chad Williams

P.E. License Number: 63144

July 6, 2011

Radius= 200.00'
Delta= 42°58'36"
Arc= 150.02'
Tangent= 78.74'
Chord= 146.52'
Chord Brg.= S.24°50'14"E.

Radius= 200.00'
Arc= 149.84'



SIGNED:

MARK D. DUREN, LS 4708

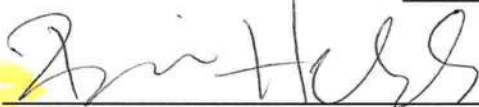
Columbia County Building Department Culvert Permit

Culvert Permit No.
000001892

DATE 06/16/2011 PARCEL ID # 01-4S-16-02678-208
APPLICANT BRANDI HEBB PHONE 386.754.5555
ADDRESS 248 SE NASSAU STREET LAKE CITY FL 32055
OWNER STEPHEN & CAROL FEKO PHONE _____
ADDRESS 400 SW COVEY COURT LAKE CITY FL 32025
CONTRACTOR BRANDI HEBB PHONE 386.754.5555
LOCATION OF PROPERTY 90-W TO C-341, TL TO COVEY COURT, TR AND THE LOT IS ON THE L.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT COVEY COURT 8

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





**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		X				
3	Condition space (Sq. Ft.)	2240	Total (Sq. Ft.) under roof	3620	IIIIIIII	IIIIIIII	IIII

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:

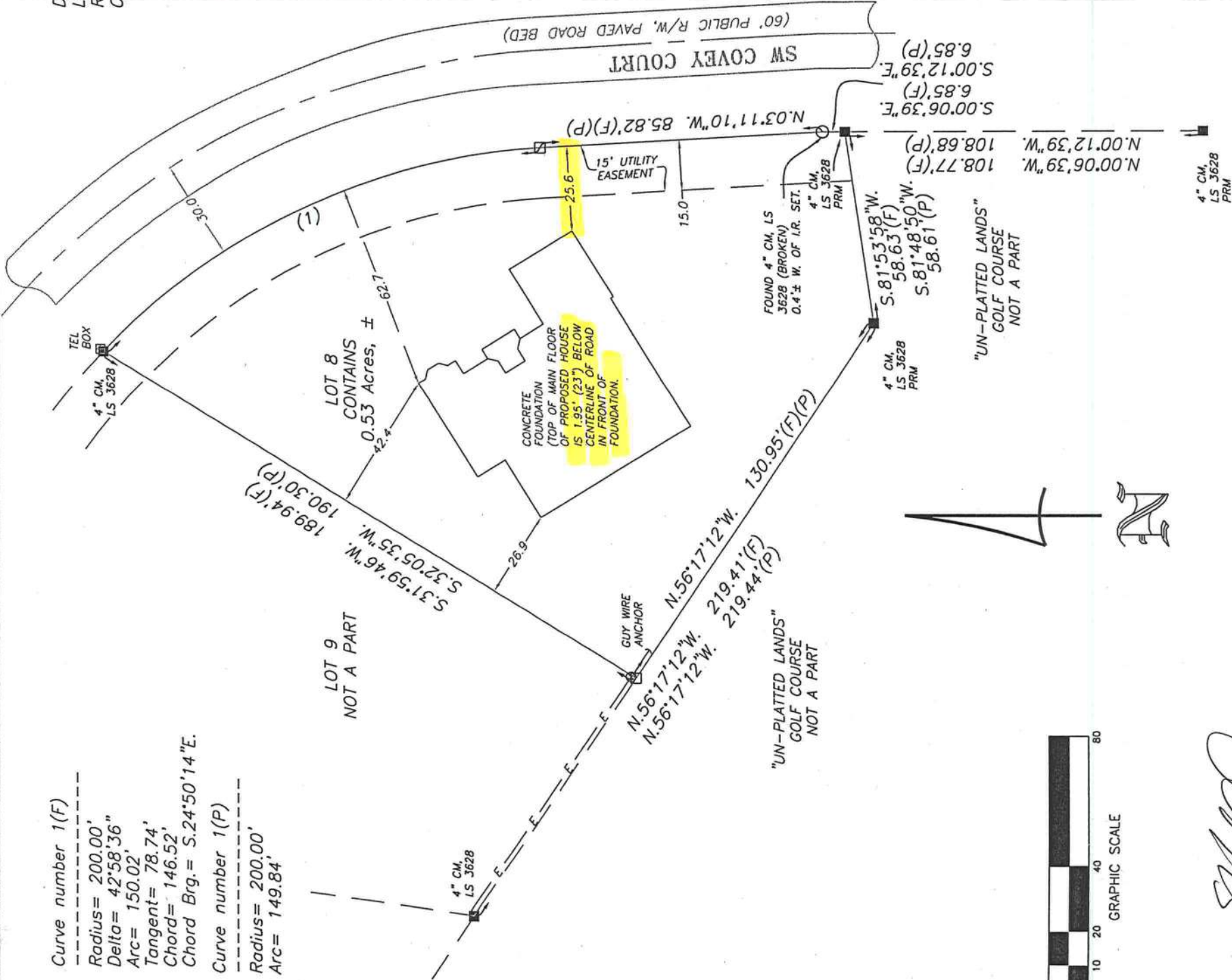
4	Dimensions of lot or parcel of land	X		
5	Dimensions of all building set backs	X		
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	X		
7	Provide a full legal description of property.	X		

BOUNDARY SURVEY
IN SECTION 1, TOWNSHIP 4 SOUTH,
RANGE 16 EAST,
COLUMBIA COUNTY, FLA.

DESCRIPTION:
LOT 8, COVEY COURT, A SUBDIVISION ACCORDING TO THE PLAT THEREOF
RECORDED IN PLAT BOOK 6, PAGE 168 OF THE PUBLIC RECORDS OF
COLUMBIA COUNTY, FLORIDA.

Curve number 1(F)
Radius= 200.00'
Delta= 42°58'36"
Arc= 150.02'
Tangent= 78.74'
Chord= 146.52'
Chord Brg.= S.24°50'14"E.

Curve number 1(P)
Radius= 200.00'
Arc= 149.84'



SURVEYOR'S NOTES:

1. BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE RETRACEMENT OF THE ORIGINAL SURVEY FOR SAID PLAT OF RECORD.
2. BEARINGS BASED ON PLAT OF RECORD USING MONUMENTS FOUND AT THE SW CORNER OF LOT 8 AND THE NW CORNER OF LOT 9.
3. THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN AS PER FLOOD INSURANCE RATE MAP, DATED FEBRUARY 4, 2009, COMMUNITY PANEL NO. 12023C0291C.
4. NO EASEMENT FOR DRAINAGE IS SHOWN ON THIS LOT IN RECORDS IN THE POSSESSION OF THIS OFFICE.
5. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON.
6. IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON.
7. "NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER."
8. CLOSURE OF FIELD SURVEY IS 1/20,832.
9. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OR TITLE POLICY. THEREFORE EXCEPTION IS MADE HEREON REGARDING EASEMENTS, RESERVATIONS, RESTRICTIONS, AND/OR TITLE CONFLICTS OF RECORD, IF ANY, NOT PROVIDED BY THE CLIENT OR HIS AGENTS.
10. CERTIFIED TO:

CAROL PAIGE AND STEPHEN G. FEKO
MATTHEW ERKINGER - ERKINGER HOME BUILDERS, INC.

SYMBOL LEGEND	
O.R.I.	OFFICIAL RECORD INSTRUMENT
■	CONCRETE MONUMENT FOUND
□	CONCRETE MONUMENT SET, LS 4708
●	IRON PIN OR PIPE FOUND
○	5/8" IRON ROD SET, LS 4708
—x—	WIRE FENCE
—E—	ELECTRIC UTILITY LINE (OVERHEAD)
—UG—	UNDERGROUND ELECTRIC SERVICE
—CTV—	CABLE TV LINE (OVERHEAD)
—o—o—	CHAIN LINK FENCE
—o—o—	WOODEN FENCE
CMP	CORRUGATED METAL PIPE
RCP	REINFORCED CONCRETE PIPE
LS	LAND SURVEYOR
LB	LICENSED BUSINESS
ORB	OFFICIAL RECORD BOOK
PRM	PERMANENT REFERENCE MONUMENT
PCP	PERMANENT CONTROL POINT
⊗	UTILITY POLE
R/W	RIGHT-OF-WAY
NO ID.	NO IDENTIFICATION
FLA. D.O.T.	FLA. DEPT. OF TRANSPORTATION
⊕	CENTERLINE
C.M.	CONCRETE MONUMENT
I.R.	IRON ROD
I.P.	IRON PIPE

EXTRA ABBREVIATION:
(F) FIELD, AS IN "FIELD MEASUREMENT".
(D) DEED, AS IN "DEED DIMENSION".
(P) PLAT, AS IN "PLAT DIMENSION".
(R) RECORD, AS IN "RECORD DIMENSION".

MARK D. DUREN AND
ASSOCIATES, INC.

LB 7620
120 NW BURK AVE. STE. 103
LAKE CITY, FLA. 32055
(386) 758-9831 OFFICE
(386) 758-8010 FAX

FIELD SURVEY DATE JULY 11, 2011
DATE DRAWN JULY 12, 2011
FOR FEKO
FIELD BOOK 193 PAGE 34
DRAWN BY M. DUREN
WO# 11-143
SEE 11143 FOUNDATION 7-11-2011

SIGNED: *Mark D. Duren*
MARK D. DUREN, LS 4708

Wind-load Engineering Summary, calculations and any details required

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

Elevations Drawing including:

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

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	X		
21	Raised floor surfaces located more than 30 inches above the floor or grade			X
22	All exterior and interior shear walls indicated	X		
23	Shear wall opening shown (Windows, Doors and Garage doors)	X		
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.	X		
25	Safety glazing of glass where needed			X
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FBCR)			X
27	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails			X
28	Identify accessibility of bathroom (see FBCR SECTION 322)	X		

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.	X		
30	All posts and/or column footing including size and reinforcing	X		
31	Any special support required by soil analysis such as piling.			X
32	Assumed load-bearing value of soil _____ Pound Per Square Foot			X
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			X

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	X		
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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	X		
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement	X		

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			X
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or piers			X
41	Girder type, size and spacing to load bearing walls, stem wall and/or piers			X
42	Attachment of joist to girder			X
43	Wind load requirements where applicable			X
44	Show required under-floor crawl space			X

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

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	X		
53	Fastener schedule for structural members per table FBCR 602.3 are to be shown	X		
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	X		
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	X		
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)	X		
57	Indicate where pressure treated wood will be placed	X		
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	X		
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	X		

FBCR :ROOF SYSTEMS:

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

FBCR 802:Conventional Roof Framing Layout

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

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	X		
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas	X		

FBCR ROOF ASSEMBLIES FRC Chapter 9

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

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	X		
74	Attic space	X		
75	Exterior wall cavity	X		
76	Crawl space			X

HVAC information

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

Plumbing Fixture layout shown

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

Private Potable Water

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

Electrical layout shown including

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

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	X		
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	X		
94	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058	X		
95	City of Lake City A permit showing an approved waste water sewer tap			X
96	Toilet facilities shall be provided for all construction sites	X		
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.			X

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	X		
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established			X
100	A development permit will also be required. Development permit cost is \$50.00			X
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.			X
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			X

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

Residential System Sizing Calculation

Summary

Feko
400 SW Covey Court
Lake City, FL 32025-

Project Title:
1105052

Class 3 Rating
Registration No. 0
Climate: North

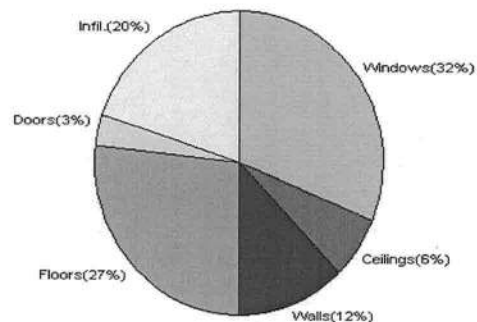
6/2/2011

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)			
Winter design temperature	33 F	Summer design temperature	92 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	37 F	Summer temperature difference	17 F
Total heating load calculation	41230 Btuh	Total cooling load calculation	36942 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	118.8 49000	Sensible (SHR = 0.75)	114.9 36750
Heat Pump + Auxiliary(0.0kW)	118.8 49000	Latent	247.8 12250
		Total (Electric Heat Pump)	132.6 49000

WINTER CALCULATIONS

Winter Heating Load (for 2260 sqft)

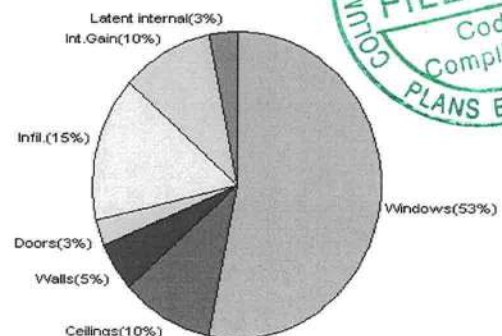
Load component	Load
Window total 403 sqft	12989 Btuh
Wall total 1532 sqft	5030 Btuh
Door total 105 sqft	1360 Btuh
Ceiling total 2260 sqft	2663 Btuh
Floor total 255 sqft	11133 Btuh
Infiltration 199 cfm	8056 Btuh
Duct loss	0 Btuh
Subtotal	41230 Btuh
Ventilation 0 cfm	0 Btuh
TOTAL HEAT LOSS	41230 Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 2260 sqft)

Load component	Load
Window total 403 sqft	19595 Btuh
Wall total 1532 sqft	1945 Btuh
Door total 105 sqft	1029 Btuh
Ceiling total 2260 sqft	3743 Btuh
Floor total	0 Btuh
Infiltration 102 cfm	1907 Btuh
Internal gain	3780 Btuh
Duct gain	0 Btuh
Sens. Ventilation 0 cfm	0 Btuh
Total sensible gain	31998 Btuh
Latent gain(ducts)	0 Btuh
Latent gain(infiltration)	3744 Btuh
Latent gain(ventilation)	0 Btuh
Latent gain(internal/occupants/other)	1200 Btuh
Total latent gain	4944 Btuh
TOTAL HEAT GAIN	36942 Btuh



For Florida residences only

EnergyGauge® System Sizing

PREPARED BY:

DATE:

6/2/11

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Feko
400 SW Covey Court
Lake City, FL 32025-

Project Title:
1105052

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

6/2/2011

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	50.0		32.2	1609 Btuh
2	2, Clear, Metal, 0.87	NW	15.0		32.2	483 Btuh
3	2, Clear, Metal, 0.87	N	15.0		32.2	483 Btuh
4	2, Clear, Metal, 0.87	NE	15.0		32.2	483 Btuh
5	2, Clear, Metal, 0.87	S	6.7		32.2	216 Btuh
6	2, Clear, Metal, 0.87	N	12.0		32.2	386 Btuh
7	2, Clear, Metal, 0.87	NW	41.1		32.2	1323 Btuh
8	2, Clear, Metal, 0.87	NW	6.0		32.2	193 Btuh
9	2, Clear, Metal, 0.87	W	7.8		32.2	251 Btuh
10	2, Clear, Metal, 0.87	NW	30.0		32.2	966 Btuh
11	2, Clear, Metal, 0.87	E	4.0		32.2	129 Btuh
12	2, Clear, Metal, 0.87	SE	6.0		32.2	193 Btuh
13	2, Clear, Metal, 0.87	S	4.0		32.2	129 Btuh
14	2, Clear, Metal, 0.87	SE	60.0		32.2	1931 Btuh
15	2, Clear, Metal, 0.87	S	10.0		32.2	322 Btuh
16	2, Clear, Metal, 0.87	SE	18.9		32.2	608 Btuh
17	2, Clear, Metal, 0.87	E	10.0		32.2	322 Btuh
18	2, Clear, Metal, 0.87	SW	60.0		32.2	1931 Btuh
19	2, Clear, Metal, 0.87	SW	32.0		32.2	1030 Btuh
Window Total			403(sqft)			12989 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Face Brick - Wood - Ext(0.09)	13.0	1376		3.3	4517 Btuh
2	Frame - Wood - Adj(0.09)	13.0	156		3.3	512 Btuh
Wall Total			1532			5030 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Exterior		30		12.9	388 Btuh
2	Insulated - Adjacent		20		12.9	259 Btuh
3	Insulated - Exterior		15		12.9	194 Btuh
4	Insulated - Exterior		40		12.9	518 Btuh
Door Total			105			1360Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	2260		1.2	2663 Btuh
Ceiling Total			2260			2663Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	255.0	ft(p)	43.7	11133 Btuh
Floor Total			255			11133 Btuh
Zone Envelope Subtotal:						33174 Btuh
Infiltration	Type	ACH	Zone Volume	CFM=		Load
	Natural	0.66	18080	198.9		8056 Btuh
Ductload	Partially sealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00) EnergyGauge® FLR2PB v4.1					0 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Feko
400 SW Covey Court
Lake City, FL 32025-

Project Title:
1105052

Class 3 Rating
Registration No. 0
Climate: North

6/2/2011

Zone #1	Sensible Zone Subtotal	41230 Btuh
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WHOLE HOUSE TOTALS

	Subtotal Sensible Ventilation Sensible Total Btuh Loss	41230 Btuh 0 Btuh 41230 Btuh
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Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Feko
400 SW Covey Court
Lake City, FL 32025-

Project Title:
1105052

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F

6/2/2011

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House											
Window	Type*		Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	NW	1.5ft	6ft.	50.0	0.0	50.0	29	60	3002	Btuh
2	2, Clear, 0.87, None,N,N	NW	9ft.	5ft.	15.0	0.0	15.0	29	60	901	Btuh
3	2, Clear, 0.87, None,N,N	N	15ft.	6ft.	15.0	0.0	15.0	29	29	434	Btuh
4	2, Clear, 0.87, None,N,N	NE	29.1	6ft.	15.0	0.0	15.0	29	60	901	Btuh
5	2, Clear, 0.87, None,N,N	S	99ft.	8ft.	6.7	6.7	0.0	29	34	194	Btuh
6	2, Clear, 0.87, None,N,N	N	32ft.	5ft.	12.0	0.0	12.0	29	29	348	Btuh
7	2, Clear, 0.87, None,N,N	NW	25.1	8ft.	41.1	0.0	41.1	29	60	2468	Btuh
8	2, Clear, 0.87, None,N,N	NW	25.1	5ft.	6.0	0.0	6.0	29	60	360	Btuh
9	2, Clear, 0.87, None,N,N	W	32ft.	8ft.	7.8	7.8	0.0	29	80	226	Btuh
10	2, Clear, 0.87, None,N,N	NW	1.5ft	7ft.	30.0	0.0	30.0	29	60	1801	Btuh
11	2, Clear, 0.87, None,N,N	E	1.5ft	3ft.	4.0	0.5	3.5	29	80	293	Btuh
12	2, Clear, 0.87, None,N,N	SE	1.5ft	3ft.	6.0	4.6	1.4	29	63	222	Btuh
13	2, Clear, 0.87, None,N,N	S	1.5ft	3ft.	4.0	4.0	0.0	29	34	116	Btuh
14	2, Clear, 0.87, None,N,N	SE	1.5ft	6ft.	60.0	18.3	41.7	29	63	3138	Btuh
15	2, Clear, 0.87, None,N,N	S	8ft.	6ft.	10.0	10.0	0.0	29	34	290	Btuh
16	2, Clear, 0.87, None,N,N	SE	11.3	6.66	18.9	18.9	0.0	29	63	547	Btuh
17	2, Clear, 0.87, None,N,N	E	8ft.	6ft.	10.0	10.0	0.0	29	80	290	Btuh
18	2, Clear, 0.87, None,N,N	SW	1.5ft	6ft.	60.0	18.3	41.7	29	63	3138	Btuh
19	2, Clear, 0.87, None,N,N	SW	1.5ft	2ft.	32.0	32.0	0.0	29	63	927	Btuh
Window Total					403 (sqft)					19595 Btuh	
Walls	Type		R-Value/U-Value			Area(sqft)		HTM		Load	
	1 Face Brick - Wood - Ext		13.0/0.09			1375.5		1.2		1709 Btuh	
	2 Frame - Wood - Adj		13.0/0.09			156.0		1.5		235 Btuh	
	Wall Total					1532 (sqft)				1945 Btuh	
Doors	Type					Area (sqft)		HTM		Load	
	1 Insulated - Exterior					30.0		9.8		294 Btuh	
	2 Insulated - Adjacent					20.0		9.8		196 Btuh	
	3 Insulated - Exterior					15.0		9.8		147 Btuh	
	4 Insulated - Exterior					40.0		9.8		392 Btuh	
Door Total					105 (sqft)				1029 Btuh		
Ceilings	Type/Color/Surface		R-Value			Area(sqft)		HTM		Load	
	1 Vented Attic/DarkShingle		30.0			2260.0		1.7		3743 Btuh	
	Ceiling Total					2260 (sqft)				3743 Btuh	
Floors	Type		R-Value			Size		HTM		Load	
	1 Slab On Grade		0.0			255 (ft(p))		0.0		0 Btuh	
	Floor Total					255.0 (sqft)				0 Btuh	
	Zone Envelope Subtotal:									26311 Btuh	
Infiltration	Type		ACH			Volume(cuft)		CFM=		Load	
	SensibleNatural		0.34			18080		102.5		1907 Btuh	
Internal gain			Occupants			Btuh/occupant		Appliance		Load	
			6			X 230 +		2400		3780 Btuh	
Duct load	Partially sealed, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh	
	Sensible Zone Load									31998 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Feko
400 SW Covey Court
Lake City, FL 32025-

Project Title:
1105052

Class 3 Rating
Registration No. 0
Climate: North

6/2/2011

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	31998 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	31998 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	31998 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	3744 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	4944 Btuh
	TOTAL GAIN	36942 Btuh

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)



For Florida residences only

PRODUCT APPROVAL SPECIFICATION SHEET

Location: _____ **Project Name:** _____

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

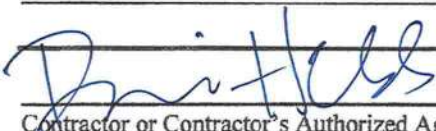
Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	Masonite		FL5114-R1
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung	Mi	Better Built	5438.7
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
C. PANEL WALL			
1. Siding			
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles	Certainteed	Asphalt Arch. Shingle	FL5444-R2
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			



Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
43. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor			
2. Truss plates			
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

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

I understand these products may have to be removed if approval cannot be demonstrated during inspection.



Contractor or Contractor's Authorized Agent Signature

Brandi N. Hebb

Print Name

6.1.11

Date

Location



INSTALLATION INSTRUCTIONS FOR NEW CONSTRUCTION VINYL FIN WINDOWS

READ THESE INSTRUCTIONS COMPLETELY BEFORE BEGINNING. Please inspect your MI Windows and Doors, Inc. product thoroughly before beginning installation. Inspect the opening and the product, and do not install if there is any observable damage or other irregularity. The product specification sheet and warranty include important information regarding your product and may include product-specific installation requirements (for example, types of fasteners to be used with impact resistant windows and limitations on the height at which the product may be installed); if you did not obtain copies please contact MI Windows and Doors, Inc. Local building codes may impose additional requirements, and those codes supercede these instructions.

FAILURE TO FOLLOW THESE INSTRUCTIONS, AND BUILDING CODE REQUIREMENTS, MAY AFFECT THE REMEDIES AVAILABLE UNDER YOUR WARRANTY.

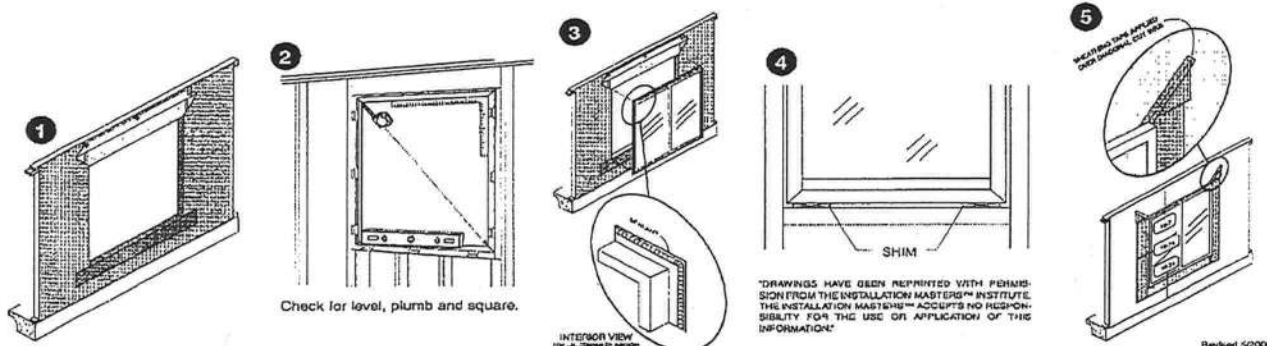
1. IF THE BUILDING HAS A WEATHER RESISTANT BARRIER (WRB) I.E. HOUSE WRAP, PREPARE THE OPENING ACCORDING TO WRB MANUFACTURER'S INSTRUCTIONS. AT EACH TOP CORNER MAKE A 45° CUT IN THE WRB. FOLD UP THE WRB SO THAT THE TOP NAIL FIN OF THE UNIT CAN BE INSTALLED UNDERNEATH IT. (See Figure 1 below)
2. FLASHING OF THE WINDOW OPENING IS RECOMMENDED AND MAY BE REQUIRED BY SOME BUILDING CODES.
3. MAKE SURE THE ROUGH OPENING IS PLUMB, SQUARE AND THE SILL PLATE IS LEVEL. ROUGH OPENINGS SHOULD BE 1/2" LARGER THAN WINDOW FRAME IN WIDTH & HEIGHT. (See Figure 2 below)
4. CLOSE & LOCK THE SASH THROUGHOUT INSTALLATION. KEEP THE SIDE JAMBS PLUMB & SQUARE WITH HEAD AND SILL. BE CAREFUL NOT TO "CROWN UP" OR "BOW DOWN" THE SILL OR HEAD. CONSTANTLY CHECK WIDTH AT THE MEETING RAILS OF SINGLE AND DOUBLE HUNG (CENTER POINT ON CASEMENTS) TO AVOID A "BOWED OUT" INSTALLATION. WHEN USING FLASHING APPLY THE BOTTOM PIECE BEFORE INSTALLING THE WINDOW. (See Figure 1 below) FLASHING MUST BE RATED TO MEET ASTM D-779, 24 HOUR WATER RESISTANCE TEST.
5. APPLY A CONTINUOUS 3/8" BEAD OF PREMIUM GRADE, COMPATIBLE EXTERIOR SEALANT TO THE INTERIOR (BACKSIDE) OF THE NAIL FIN NEAR THE OUTSIDE EDGE IN LINE WITH THE PRE-PUNCHED HOLES ON ALL SIDES PRIOR TO SETTING THE WINDOW INTO THE ROUGH OPENING. (See Figure 3 below)
6. PLACE 1/4" FLAT SHIMS ON THE ROUGH OPENING SILL PLATE UNDER THE BOTTOM CORNERS OF THE WINDOW (See Figure 4 below). THESE SHIMS SHOULD BE REMOVED WHEN INSTALLATION IS COMPLETE. DO NOT PLACE SHIMS OR BLOCKS UNDER THE SILL EXCEPT AT THE FRAME CORNERS. SET THE WINDOW ONTO THE SHIMS CENTERING THE WINDOW IN THE OPENING ALLOWING EQUAL SPACE ON EITHER SIDE. FOR WINDOWS WITH INTERMEDIATE JAMBS AND ALL SLIDER WINDOWS, CONTINUOUS SHIM OR HORIZONTAL SHIMS ARE RECOMMENDED UNDER EACH INTERMEDIATE JAMB AND MEETING RAIL TO ENSURE SILL IS LEVEL. THESE SILL SHIMS SHOULD REMAIN AFTER INSTALLATION IS COMPLETE. APPLY ADDITIONAL SHIMS AS NECESSARY TO MAINTAIN A LEVEL SILL THROUGHOUT INSTALLATION.
7. PLACE A TEMPORARY FASTENER IN THE SLOT PROVIDED IN THE NAIL FIN ON EACH TOP CORNER, CHECK LEVEL AND SQUARE OF THE WINDOW BY MEASURING THE DIAGONALS. OPEN BOTTOM SASH, CHECK THE "REVEAL" (SPACE) BETWEEN THE BOTTOM OF THE SASH AND THE WINDOW SILL. CLOSE AND RELOCK THE SASH, ADJUST IF NECESSARY. PLACE ADDITIONAL FASTENERS IN THE BOTTOM CORNERS CHECKING WINDOW AGAIN FOR LEVEL, PLUMB AND SQUARE.
8. SECURE THE WINDOW WITH FASTENERS THAT PENETRATE THE FRAMING BY A MINIMUM OF 1". CARE SHOULD BE TAKEN TO INSTALL FASTENERS STRAIGHT, NOT ANGLED. KEEP THE SASH LOCKED UNTIL ALL SIDES ARE SECURE. PRIOR TO FASTENING THE SILL AND HEAD BE SURE THEY ARE STRAIGHT AND LEVEL. FASTENERS SHOULD BE APPLIED SECURELY INTO EVERY OTHER SLOT ON ALL SIDES, DO NOT DISTORT THE NAIL FIN WITH THE FASTENERS.
9. APPLY SEALANT OVER EXPOSED FASTENER HEADS, ANY UNUSED SLOTS AND THE OUTSIDE EDGE OF THE NAIL FIN WHERE IT COMES IN CONTACT WITH THE WRB/SHIELDING. **OR IF FLASHING (WINDOW TAPE) IS BEING USED** - NOTE: SILL FLASHING SHOULD HAVE BEEN APPLIED PRIOR TO INSTALLING THE WINDOW. APPLY THE SIDE FLASHING ON TOP OF THE NAIL FIN, OVERLAPPING THE SILL FLASHING AND EXTENDING UP PAST THE TOP NAIL FIN APPROXIMATELY 2". THEN APPLY THE TOP FLASHING ALSO OVER THE NAIL FIN, OVERLAPPING THE SIDE PIECES AND EXTENDING PAST THE SIDE FLASHING BY APPROXIMATELY 1". LASTLY FOLD DOWN THE WRB FLAP OVER THE FLASHING, TAPE THE DIAGONAL CUTS ABOVE EACH CORNER. (SEE FIGURE #5 BELOW)
10. PLACE SHIMS AT THE MEETING RAIL/CHECK RAIL ON THE SIDE JAMBS TO PREVENT BOWING, THESE SHIMS SHOULD REMAIN AFTER INSTALLATION. CAUTION SHOULD BE TAKEN AS TO NOT OVER SHIM, CAUSING DEFLECTION OF THE FRAME AND HINDER SASH OPERATION. CHECK THE FRAME WIDTH AT TOP, MIDDLE AND BOTTOM, IF NOT THE SAME, SHIM ACCORDINGLY. UNLOCK AND OPERATE THE SASH(S). VISUALLY INSPECT ALL SIGHT LINES. ADJUST OR SHIM AS REQUIRED TO ASSURE CONSISTENT SASH REVEAL AND EASE OF OPERATION.
11. INSULATE BETWEEN THE WINDOW FRAME & ROUGH OPENING WITH FIBERGLASS INSULATION OR EQUAL. THE SPACE MAY BE EFFECTIVELY FILLED WITH MEASURED USE OF LOW EXPANSION FOAM BUT ONLY AFTER DETERMINING THAT FOAM WILL NOT EXERT PRESSURE AGAINST THE FRAME, WHICH CAN IMPAIR OPERATION. DISTORTION OF THE FRAME WILL AFFECT THE USER'S RIGHTS UNDER THE WARRANTY.
12. ALLOW A 1/4" GAP BETWEEN THE EXTERIOR CLADDING, SIDING, BRICK, STUCCO OR STONE AND THE WINDOW FRAME ON ALL SIDES (EXCEPT VINYL J CHANNEL). THE GAP (EXPANSION JOINT) SHOULD BE FILLED WITH CORRECT SIZE BACKER ROD, THEN SEALED WITH A HIGH GRADE EXTERIOR SEALANT AND WILL NEED TO BE MAINTAINED.

CAUTION:

- USE OF SOLVENTS OR ACIDS WILL DAMAGE COMPONENTS OF THIS PRODUCT AND WILL LIMIT RIGHTS UNDER THE WARRANTY
- VINYL WINDOWS HAVE PRE-PUNCHED SLOTS FOR INSTALLATION - FASTENING IN ANY OTHER PORTION MAY PERMANENTLY DAMAGE UNIT WHICH WILL LIMIT RIGHTS UNDER THE WARRANTY.
- IT IS THE SOLE RESPONSIBILITY OF THE OWNER, ARCHITECT, AND/OR BUILDER TO SELECT CORRECT PRODUCTS TO BE IN COMPLIANCE WITH APPLICABLE LAWS, SITE REQUIREMENTS AND BUILDING CODES AND TO ENSURE THAT INSTALLATION IS IN COMPLIANCE WITH APPLICABLE LAWS, SITE REQUIREMENTS AND BUILDING CODES.
- DO NOT STORE IN THE SUN OR LAY FLAT BEFORE OR DURING INSTALLATION.
- ANY PENETRATIONS (e.g. ALARM SENSORS) MADE THROUGH ANY PORTION OF ANY M.I., BETTERBILT OR CAPITOL PRODUCT MAY AFFECT RIGHTS UNDER THE MANUFACTURER'S WARRANTY.
- SOME LAWS AND BUILDING CODES REQUIRE SAFETY GLASS. THE ORDERING PARTY IS RESPONSIBLE TO SPECIFY SAFETY GLASS AND ENSURE COMPLIANCE WITH LOCAL LAWS AND BUILDING CODES.

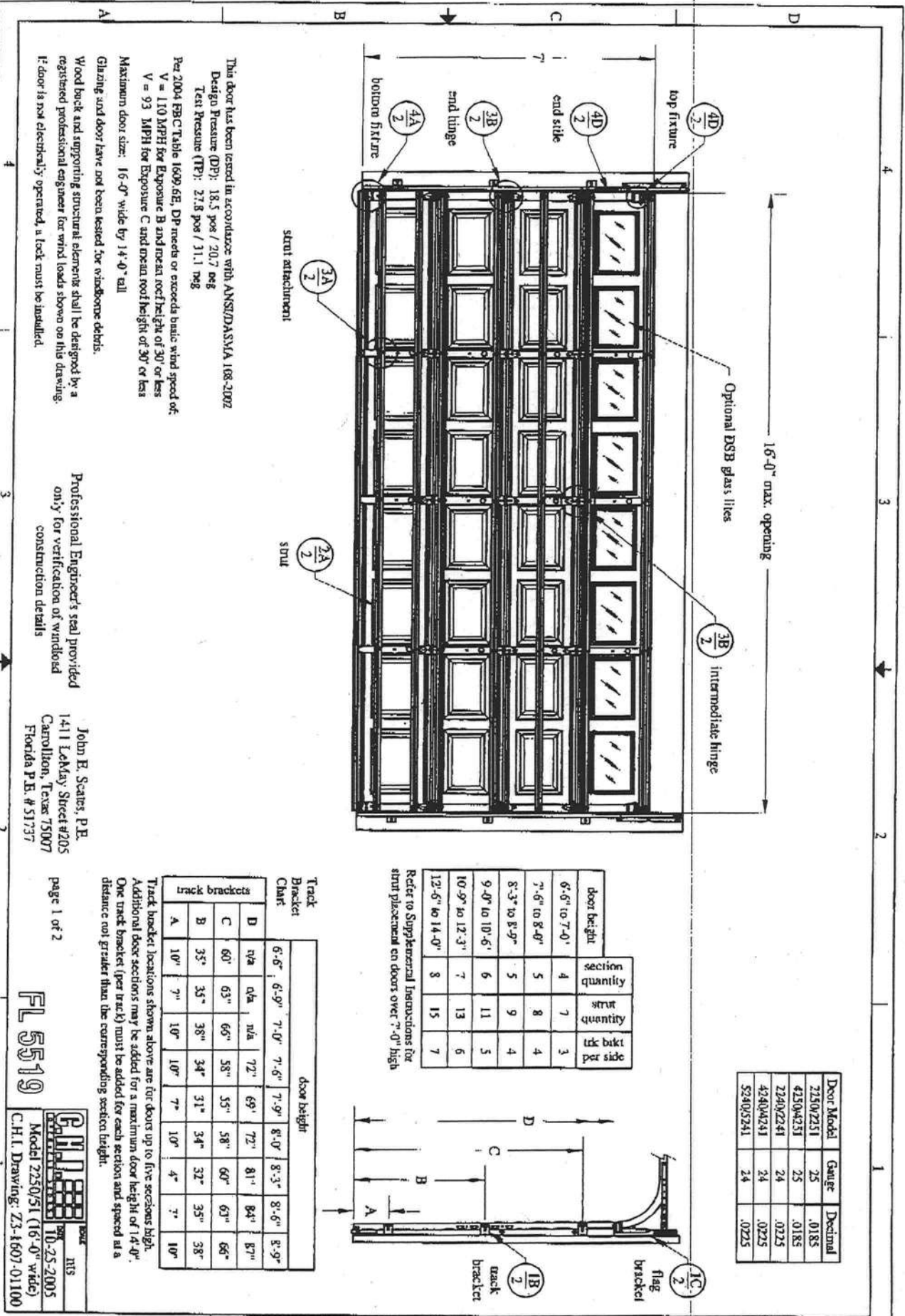
THESE INSTRUCTIONS ARE MINIMUM REQUIREMENTS ONLY, CHECK STATE AND LOCAL CODE RESTRICTIONS FOR ADDITIONAL COMPLIANCE ON INSTALLATION AND/OR FASTENING. IF UNIT HAS EXTERIOR TRIM (BRICKMOULD/J CHANNEL, ETC.) THE UNIT MUST BE SEALED BEHIND THE NAIL FIN, THE TRIM IS PROVIDED FOR AESTHETIC PURPOSES ONLY, AND NOT DESIGNED TO BE WATER TIGHT. INSTALLATION INTO MASONRY OR REPLACEMENT OPENINGS MUST BE SEALED TO THE OPENINGS USING AN APPROVED, PROPER METHOD. REFER TO AAMA 2400 AND/OR ASTM 2112 STANDARDS.

These installation instructions are provided for information only; no representation and warranty is made that these instructions set forth all of the information necessary for proper installation of the product. Given the variety of field conditions, primary responsibility for product installation rests with the installer. Do not proceed unless you have addressed the factors necessary to achieve weather-tight installation of a properly functioning product. MI Windows and Doors, Inc. assumes no liability for any personal injury or property damage incurred in installation. These instructions, together with the product specifications and warranty set forth the entire liability of MI Windows and Doors, Inc. with regard to the product.



5438.7
Florida Product Approval #

16'0" Door



16'-0" max. opening

Optional DSB glass lites

3B/2 intermediate hinge

4D/2 top fixture

4D/2 end side

3B/2

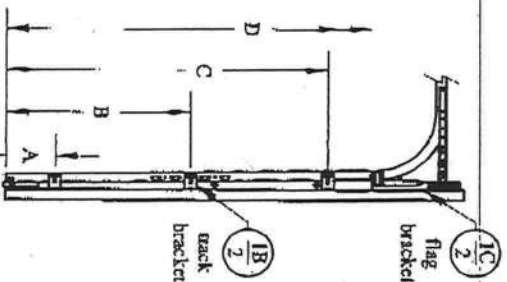
4A/2 bottom fixture

3A/2 strut attachment

2A/2 strut

door height	section quantity	strut quantity	trk brkt per side
6'-6" to 7'-0"	4	7	3
7'-6" to 8'-0"	5	8	4
8'-3" to 8'-9"	5	9	4
9'-0" to 10'-6"	6	11	5
10'-9" to 12'-3"	7	13	6
12'-6" to 14'-0"	8	15	7

Refer to Supplemental Instructions for strut placement on doors over 7'-0" high



Door Model	Gauge	Decimal
2150/2251	25	.0185
4250/4251	25	.0185
2240/2241	24	.0225
4240/4241	24	.0225
5240/5241	24	.0225

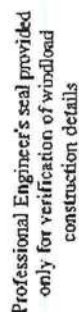
This door has been tested in accordance with ANSI/DASMA 108-2002
 Design Pressure (DP): 18.5 psf / 20.7 psf
 Test Pressure (TP): 27.8 psf / 31.1 psf
 Per 2004 FBC Table 1609.6B, DP meets or exceeds basic wind speed of:
 V = 110 MPH for Exposure B and mean roof height of 30' or less
 V = 93 MPH for Exposure C and mean roof height of 30' or less
 Maximum door size: 16'-0" wide by 14'-0" tall
 Glazing and door have not been tested for windborne debris.
 Wood back and supporting structural elements shall be designed by a
 registered professional engineer for wind loads shown on this drawing.
 If door is not electrically operated, a lock must be installed.

Professional Engineer's seal provided
 only for verification of windload
 construction details

John B. Sears, P.E.
 1411 Lockley Street #205
 Carrollton, Texas 75007
 Florida P.E. # 51737

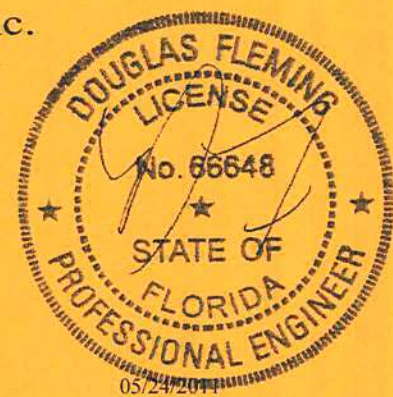
Track Bracket Chart		door height									
		6'-6" : 6'-9"	7'-0" : 7'-6"	7'-6" : 7'-9"	7'-9" : 8'-0"	8'-0" : 8'-3"	8'-3" : 8'-6"	8'-6" : 8'-9"			
track brackets	D	n/a	n/a	n/a	72"	69"	72"	81"	84"	87"	
	C	60"	63"	66"	58"	55"	58"	60"	63"	66"	
	B	35"	35"	38"	34"	31"	34"	32"	35"	38"	
	A	10"	7"	10"	10"	7"	10"	4"	7"	10"	

Track bracket locations shown above are for doors up to five sections high.
 Additional door sections may be added for a maximum door height of 14'-0".
 One track bracket (per track) must be added for each section and spaced at a
 distance not greater than the corresponding section height.



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: IUC7487-Z0124111257



Truss Fabricator: Anderson Truss Company
Job Identification: 11-111--Fill in later ERKINGER BUILDERS/FEKO -- , **
Truss Count: 77
Model Code: Florida Building Code 2007 and 2009 Supplement
Truss Criteria: FBC2007Res/TPI-2002(STD);FBC2007Res/TPI-2007(STD)
Engineering Software: Alpine Software, Version 9.05.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-05 -Closed

Notes:

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

Douglas Fleming
-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

Details: BRCLBSUB-PB120-

#	Ref	Description	Drawing#	Date
1	69969--HM7A		11144035	05/24/11
2	69970--H9A		11144001	05/24/11
3	69971--H11A		11144036	05/24/11
4	69972--H13A		11144037	05/24/11
5	69973--A		11144038	05/24/11
6	69974--AT1		11144039	05/24/11
7	69975--A1		11144002	05/24/11
8	69976--A2		11144003	05/24/11
9	69977--A3		11144040	05/24/11
10	69978--AT2		11144041	05/24/11
11	69979--AT3		11144042	05/24/11
12	69980--AT4		11144043	05/24/11
13	69981--AT5		11144044	05/24/11
14	69982--F7B		11144045	05/24/11
15	69983--F9B		11144046	05/24/11
16	69984--HS11B		11144004	05/24/11
17	69985--HS13B		11144005	05/24/11
18	69986--HS15B		11144006	05/24/11
19	69987--HS17B		11144007	05/24/11
20	69988--HS19B		11144008	05/24/11
21	69989--HS21B		11144009	05/24/11
22	69990--B		11144010	05/24/11
23	69991--B5		11144047	05/24/11
24	69992--HM7C		11144048	05/24/11
25	69993--HM9C		11144011	05/24/11
26	69994--HM11C		11144012	05/24/11
27	69995--HM13C		11144013	05/24/11
28	69996--HM15C		11144014	05/24/11
29	69997--HM17C		11144015	05/24/11
30	69998--HM19C		11144016	05/24/11
31	69999--HM21C		11144017	05/24/11
32	70000--CG		11144049	05/24/11
33	70001--HM7D		11144050	05/24/11
34	70002--HM9D		11144018	05/24/11
35	70003--HM11D		11144019	05/24/11
36	70004--HM13D		11144020	05/24/11
37	70005--HM15D		11144021	05/24/11
38	70006--HM17D		11144022	05/24/11

#	Ref	Description	Drawing#	Date
39	70007--HM19D		11144023	05/24/11
40	70008--HM21D		11144024	05/24/11
41	70009--D		11144025	05/24/11
42	70010--DG		11144051	05/24/11
43	70011--H26E		11144052	05/24/11
44	70012--EG		11144053	05/24/11
45	70013--H5F		11144054	05/24/11
46	70014--H7G		11144055	05/24/11
47	70015--H9G		11144026	05/24/11
48	70016--H11G		11144027	05/24/11
49	70017--G		11144028	05/24/11
50	70018--G1		11144029	05/24/11
51	70019--G2		11144030	05/24/11
52	70020--G3		11144031	05/24/11
53	70021--G6		11144056	05/24/11
54	70022--EJ7		11144057	05/24/11
55	70023--CJ5		11144058	05/24/11
56	70024--CJ3		11144032	05/24/11
57	70025--CJ1		11144059	05/24/11
58	70026--HJ7		11144060	05/24/11
59	70027--HJ3		11144061	05/24/11
60	70028--J1		11144062	05/24/11
61	70029--J2		11144033	05/24/11
62	70030--J3		11144034	05/24/11
63	70031--EJ7G		11144063	05/24/11
64	70032--HJ5		11144064	05/24/11
65	70033--EJ5		11144065	05/24/11
66	70034--HJ26		11144066	05/24/11
67	70035--HJ2		11144067	05/24/11
68	70036--HJM		11144068	05/24/11
69	70037--H5M		11144069	05/24/11
70	70038--EJ7 A		11144070	05/24/11
71	70039--H3M		11144071	05/24/11
72	70040--BP1		11144072	05/24/11
73	70041--BP		11144073	05/24/11
74	70042--BP2		11144074	05/24/11
75	70043--DGP		11144075	05/24/11
76	70044--DP		11144076	05/24/11

#	Ref	Description	Drawing#	Date
77	70045--CP		11144077	05/24/11

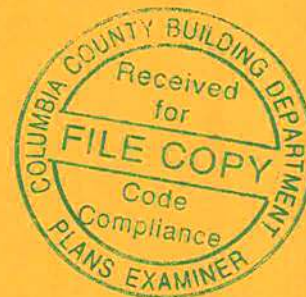
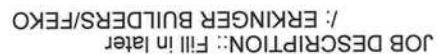


Diagram illustrating the layout of the 100-foot long, 12-foot wide rectangular area, divided into four sections with the following widths:

- Section 1: 17'4"
- Section 2: 8'6"
- Section 3: 27'8"
- Section 4: 64'2"

Total length: 100'



11-111

PAGE NO:

(11-111--Fill in later ERKINGER BUILDERS/FEKO --, ** - HM7A)

Top chord 2x4 SP #2 Dense :T2, T4 2x6 SP SS:

Bot chord 2x6 SP SS

Webs 2x4 SP #3 :W10 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

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

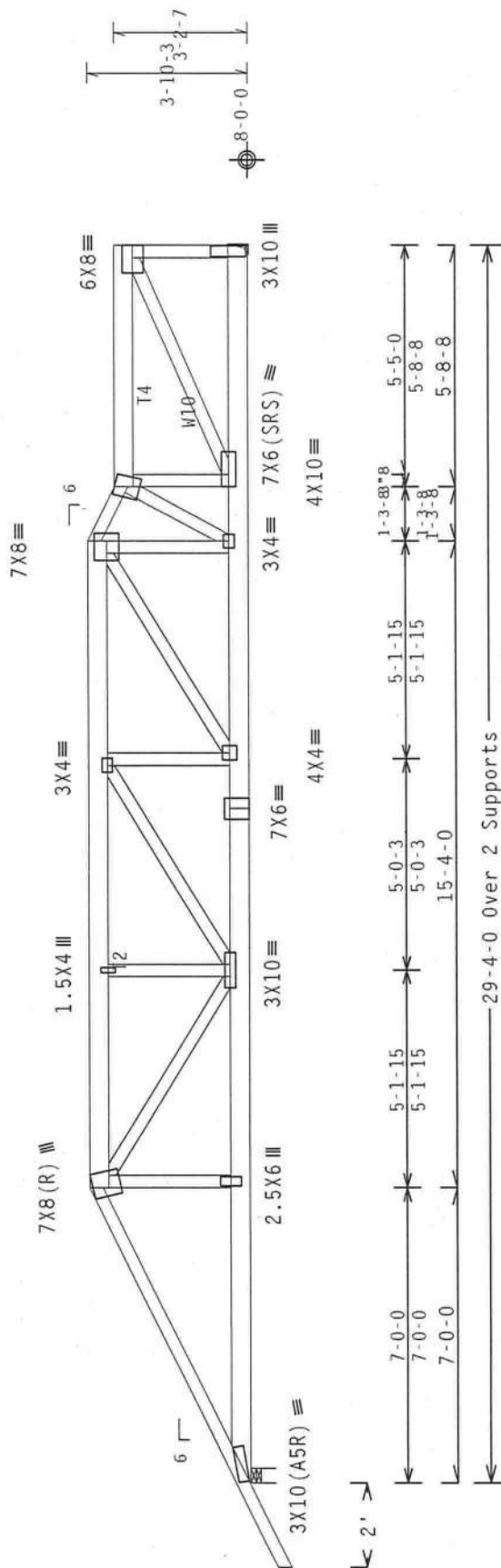
Deflection meets L/240 live and L/180 total load.

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 C, 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.

Right end vertical not exposed to wind pressure.

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



R-2469 U-636 W=4"

R=2518 U=610

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

Scale = .25" / Ft.

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

TY: 13-05-03.0319.17

No. 66648

PLT TYP. Wave

ALPINE

ITW Building Components Group Inc.

TC LL	20.0 PSF	REF	R487 --	69969
TC DL	10.0 PSF	DATE	05/24/11	
BC DL	10.0 PSF	DRW	HCUSR487	11144035
BC LL	0.0 PSF	HC-ENG	DF/DF	
TOT.LD.	40.0 PSF	SEQN-	204390	
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. Refer to the latest edition of BCSI Building Component Safety Information, by IPI and BCSI for details. Unless noted otherwise, top chords shall have properly attached structural sheathing and bottom chords shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
IPI Building Components Group Inc. (IPI/BCG) shall not be responsible for any deviation from this design or 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 joint details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The applicability and use of this design for any structure is the responsibility of the Building Designer. ANSI/TPI 1 Sec. 2.2. more information see: This job's

PLT TYP. Wave

(11-111--Fill in later ERKINGER BUILDERS/FEKO -- . ** - H9A)

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.

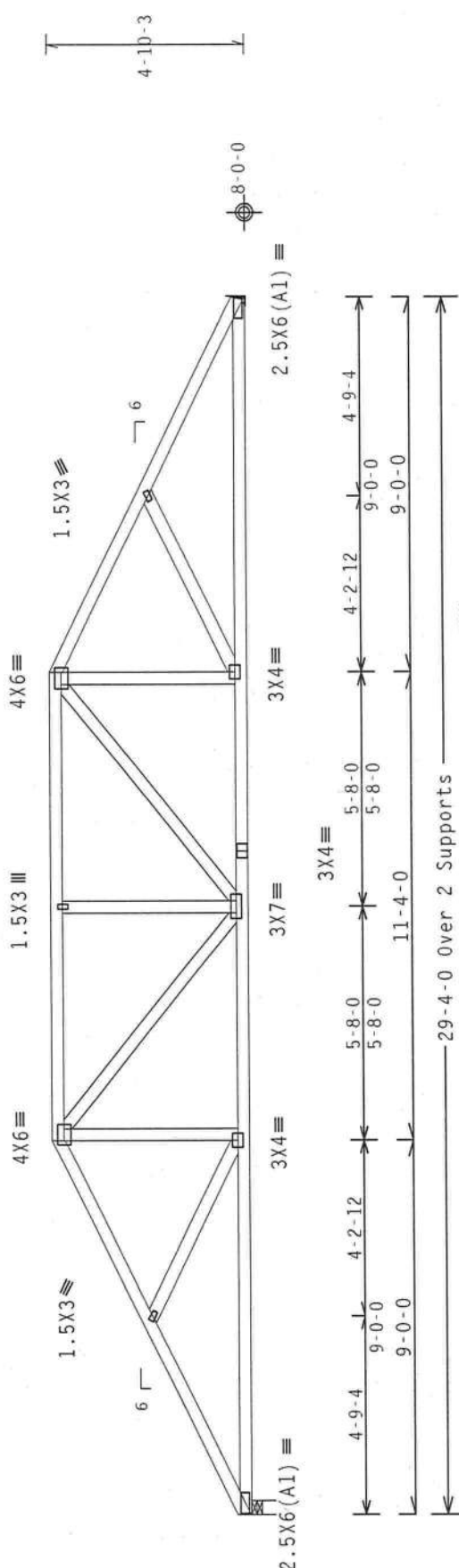
Deflection meets L/240 live and L/180 total load.

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 C, 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.

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



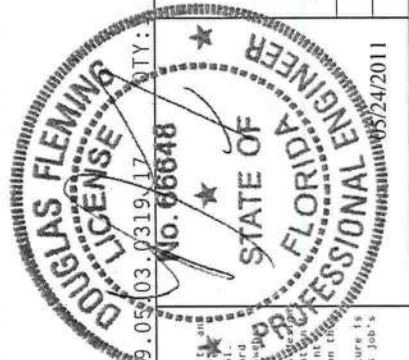
R-1209 U=313 W=4"
RL=136/-136

R=1207 U=312

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

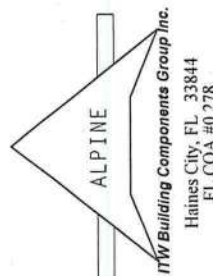
Scale = .25" / Ft.

PLT TYP. Wave



****IMPORTANT**** FURNISH THIS DESIGN TO ALL COMPACTORS 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 WICA) for details, unless noted otherwise. Top chord shall have properly attached structural sheathing and bracing. Bottom chord shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
TWC Building Components Group Inc. (TWCBG) shall not be responsible for any deviation from this design or any failure to build the truss in accordance with this design. The responsibility 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: TWC-BG2: www.twcgroup.com; TPI: www.tpinet.org; NICA: www.sectraindustry.com; ICC: www.iccsafe.org

TC LL	20.0 PSF	FL / - / 4 / - / - / R / -	REF	R487 --	69970
TC DL	10.0 PSF		DATE	05/24/11	
BC DL	10.0 PSF		DRW	HCUSR487	11144001
BC LL	0.0 PSF		HC-ENG	DF/DF	*
TOT.LD.	40.0 PSF		SEQN	204387	
DUR.FAC.	1.25				
SPACING	24.0"		JREF	1UC7487_Z01	



Haines City, FL 33844
FL COA #0 278

(11-111--Fill in later ERKINGER BUILDERS/FEKO --, ** - H11A)

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 C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI(+/-)=0.18

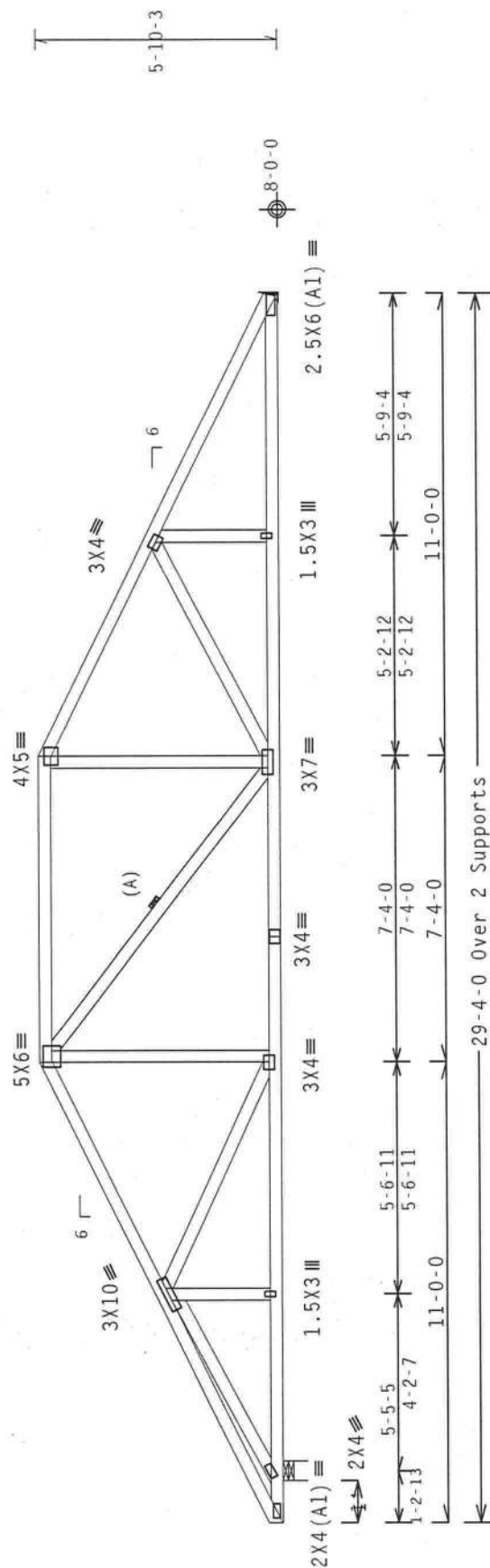
Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

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

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



R-1256 U-315 W-5.657"
RL-166/-166

R=1160 U=298

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

Scale = .25"/Ft.

FL/-/4/-/R/-	TC LL	TC DL	BC DL	BC LL	TOT.L.D.	DUR.FAC.	SPACING
20.0 PSF	20.0 PSF	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
REF R487--	DATE 05/24/11	DRW HCUSR487	11144036	HC-ENG DF/DF	SEQN- 204399	JREF- 1UC7487_Z01	

PLT TYP. Wave

ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844

DOUGLAS FLEMING
LICENSE
No. 66648
03.0319.17
FLORIDA
STATE OF
PROFESSIONAL ENGINEER
05/24/2011

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 the latest edition of BCSI (Building Components Systems Inc.) Truss Installation Manual for details. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord 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 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 truss and position as shown above and on the joint of truss details, unless noted otherwise. Refer to drawings 160A-1 for standard plate positions. A seal 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: This job's general notes page: 11U-800: www.itwbcg.com; TPI: www.tpinet.org; MICA: www.sectindusry.com;

(11-111--Fill in later ERKINGER BUILDERS/FEKO -- . ** - A)

Top chord 2x4 SP #2 Dense :T1 2x4 SP #1:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

(A) Continuous lateral bracing equally spaced on member.

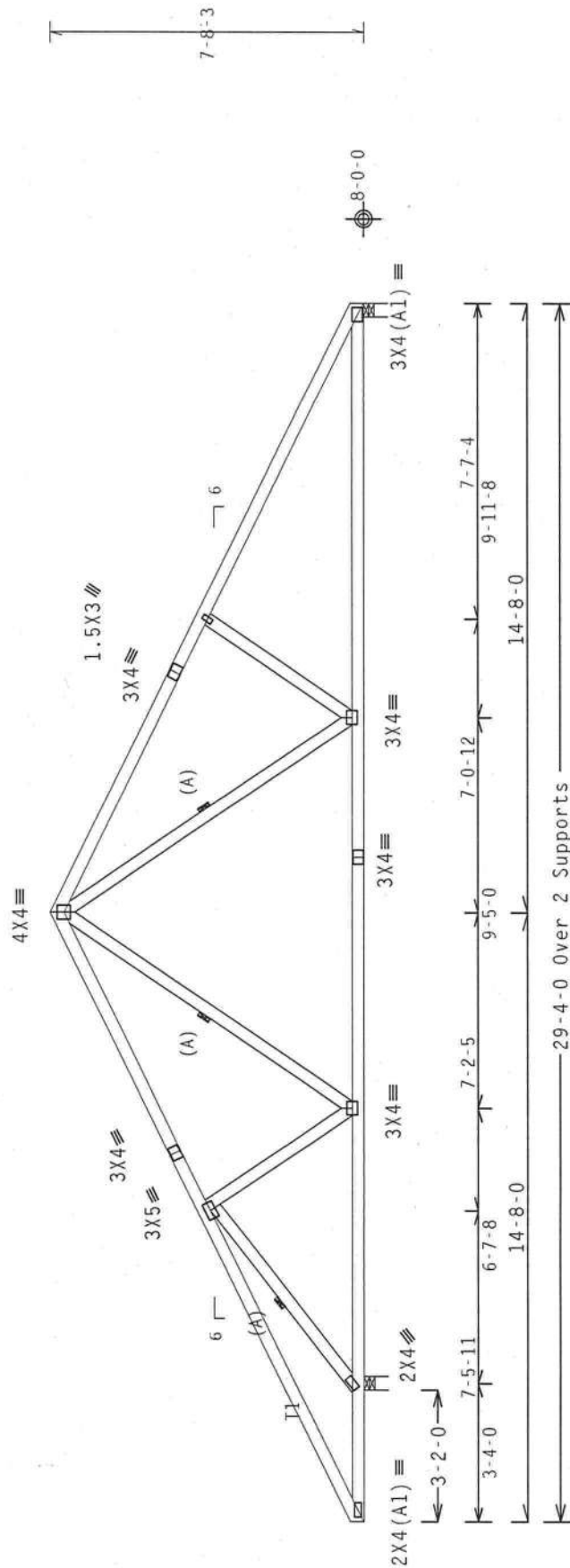
Bottom chord checked for 10.00 psf non-concurrent live load.

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

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 C, 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.



R-1357 U-90 W-4"
RL-222/-222

29'-4-0 Over 2 Supports

R-1059 U-75 W-4"

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

Scale = .25"/Ft.

FL/-4/-/-R/-

QTY: 19.05 03.0319.17

No. 66648

03.0319.17

03.0319.17

03.0319.17

03.0319.17

03.0319.17

READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL COMPANIES 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 HICA) for best practices prior to performing these functions. Installers shall provide temporary bracing per details noted otherwise, to ensure proper bracing of the truss during installation. The truss manufacturer 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 bracing of trusses. Apply plates to each face of truss and position as shown above and on the jointing details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page; IIR-B04; www.itwbcg.com; TPI: www.tpinet.org; HICA: www.hicaindstry.com;

ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844

REF	R487--	69973
DATE	05/24/11	
DRW	HCUSR487	11144038
HC-ENG	DF/DF	
SEQN	204414	
TOT.LD.	40.0	PSF
DUR.FAC.	1.25	
SPLITING	24	0"

(11-111--Fill in later ERKINGER BUILDERS/FEKO --, ** - AT1)

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

Left end vertical not exposed to wind pressure.

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

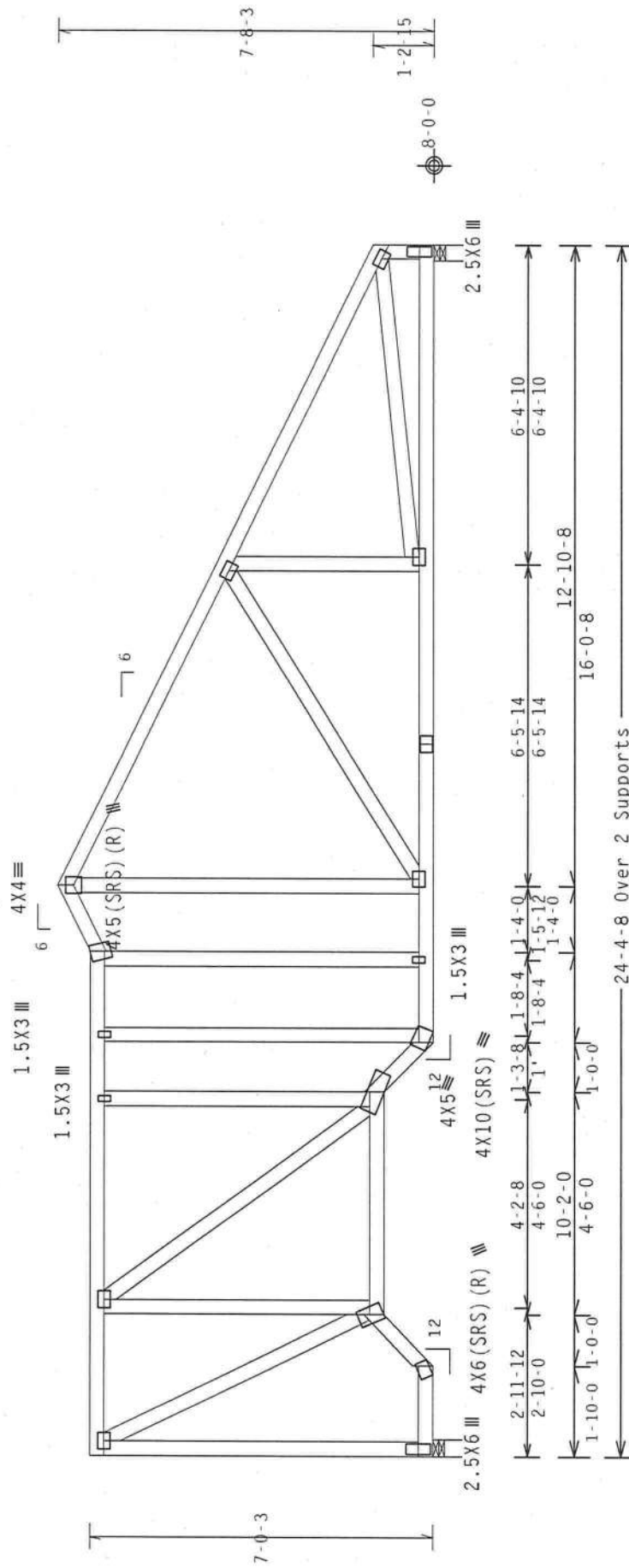
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

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 C, 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.

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

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



R-1017 U-225 W-4"
RL-63/-151

R-1007 U-110 W-3.94"

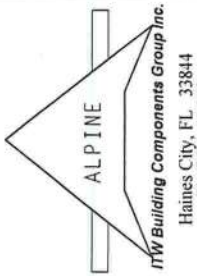
Note: All Plates Are 3X4 Except As Shown.

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

PLT TYP. Wave

Scale = .3125"/Ft.

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL COMPANIES INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Please refer to the latest edition of BCSI (Building Component Safety Information, by IPI and WICA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI details, unless noted otherwise. Refer to drawings 1600-2 for standard plate positions. A seal of the engineer shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of web shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
IPI Building Components Group Inc. (IPI/BCG) shall not be responsible for any deviation from the 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 1600-2 for standard plate positions. A seal of the engineer shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of web shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
IPI Building Components Group Inc. (IPI/BCG) shall not be responsible for any deviation from the 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 1600-2 for standard plate positions. A seal of the engineer shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of web shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
IPI Building Components Group Inc. (IPI/BCG) shall not be responsible for any deviation from the 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 1600-2 for standard plate positions. A seal of the engineer shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of web shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.



TC LL	20.0 PSF	REF	R487--	69974
TC DL	10.0 PSF	DATE	05/24/11	
BC DL	10.0 PSF	DRW	HCSR487	11144039
BC LL	0.0 PSF	HC-ENG	DF/DF	
TOT.LD.	40.0 PSF	SEQN-	204477	
DUR.FAC.	1.25			
CAPTNR	24 0"			
DIFF	110747	701		

(11-111--Fill) in later ERKINGER BUILDERS/FEKO -- ** - A1)

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

Left end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

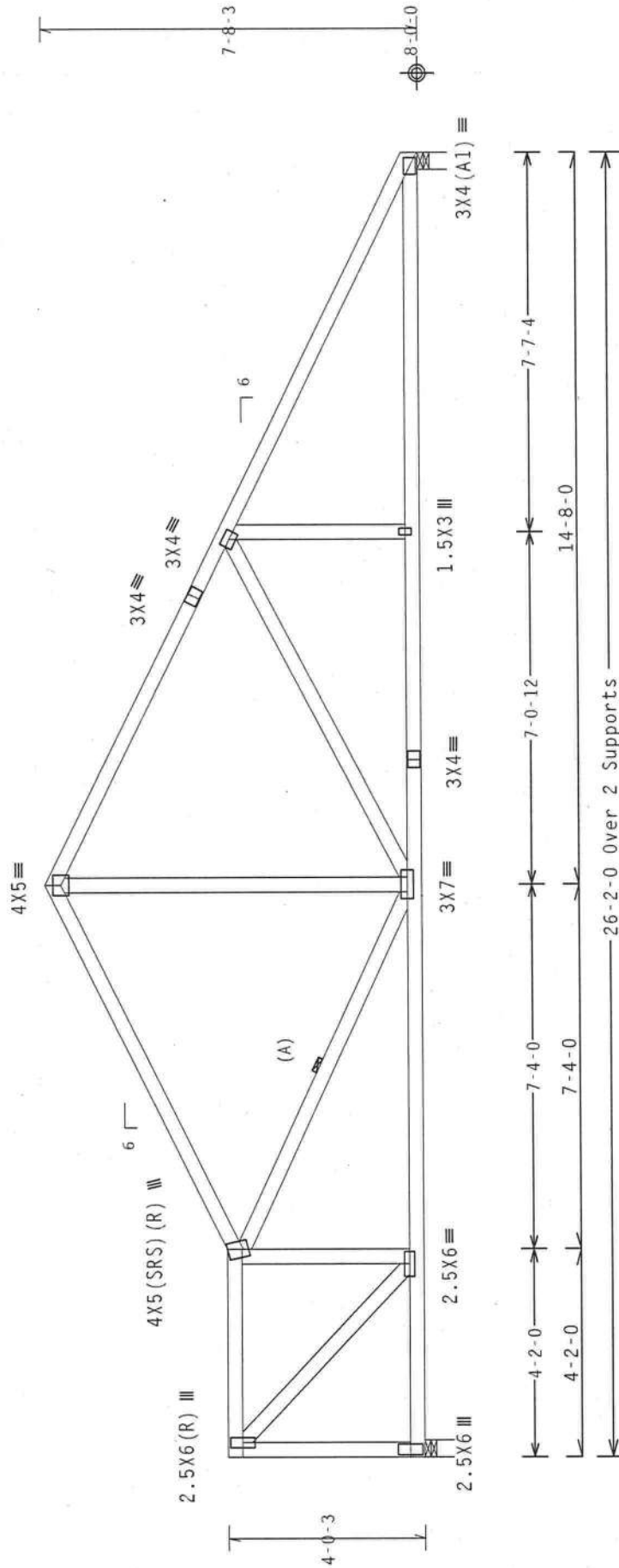
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

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 C, 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.

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-1072 U=125 W-4"
RL-138/-194

R-1084 U=85 W-4"

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

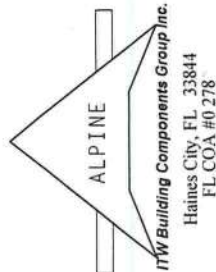
PLT TYP. Wave

FL/-4/-/-R/- Scale = .3125"/Ft.

TC LL	20.0 PSF	REF	R487--	69975
TC DL	10.0 PSF	DATE	05/24/11	
BC DL	10.0 PSF	DRW	HCUSR487	11144002
BC LL	0.0 PSF	HC-ENG	DF/DF	*
TOT.LD.	40.0 PSF	SEQN	204444	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1UC7487_Z01	



****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 all relevant editions of BCSI Building Component Safety Information, by IPI and NICA for best practices prior to performing these functions. Installers shall provide temporary bracing per BCSI unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
IPI Building Components Group Inc. (IPI/BCG) 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 race of truss and position as shown above and on the bottom chord of trusses. Refer to drawings 100-2 for standard plate connections. Engineering seal on drawing shall cover page listing design details. 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: 11N-800; www.fibecp.com; TPI: www.spinst.org; NICA: www.sbcindustry.com; ICC: www.iccsafe.org



(11-111--Fill in later ERKINGER BUILDERS/FEKO -- , ** - A2)

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

Left end vertical not exposed to wind pressure.

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

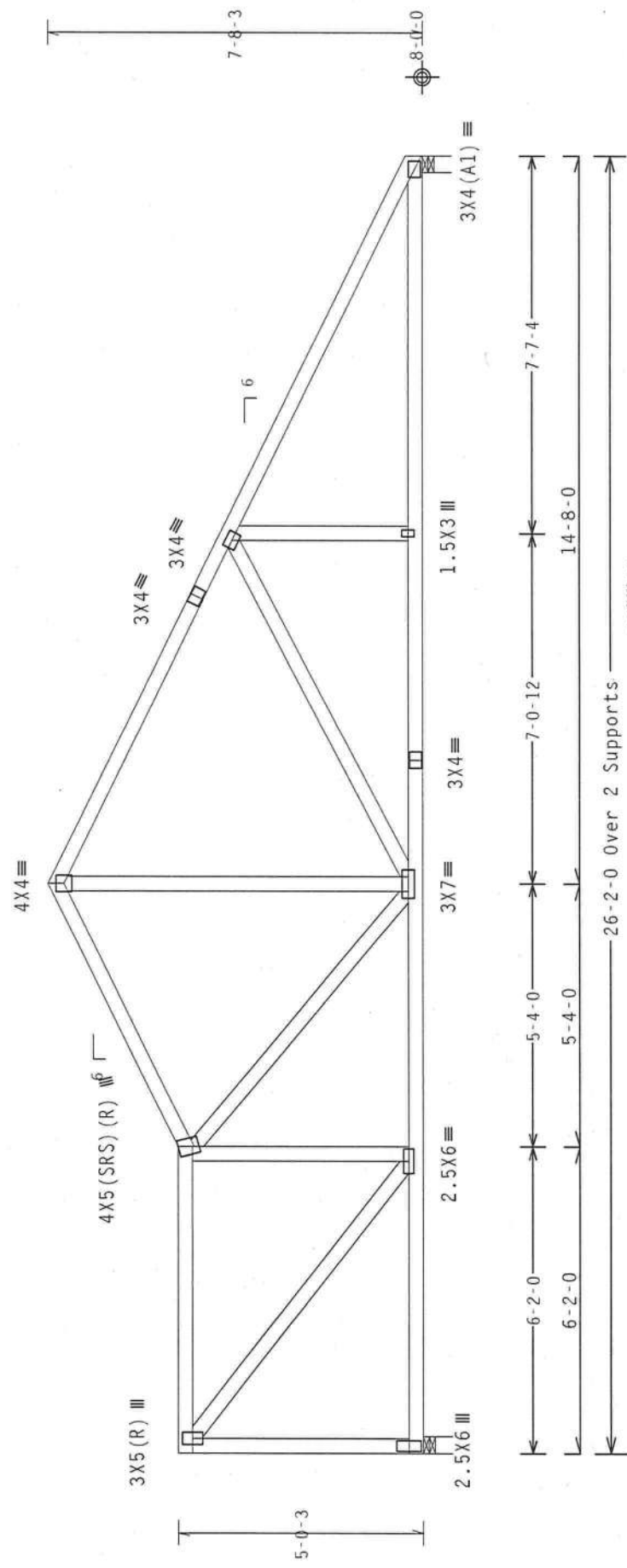
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

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 C, 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-1072 U=167 W=4"
RL-116/-186

R-1084 U=93 W=4"

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

PLT TYP. Wave	Scale = .3125"/Ft.			
	FL/-/4/-/R/-	TC LL	20.0 PSF	REF R487-- 69976
ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	DATE 05/24/11			
	DRW HCUSR487 11144003			
Douglas Fleming LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER 05/24/2011	HC-ENG DF/DF			
	SEQN- 204447			
JREF - 1UC7487_Z01	DUR.FAC. 1.25			
	SPACING 24.0"			

(11-111--Fill in later ERKINGER BUILDERS/FEKO --, ** - A3)

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

Left end vertical not exposed to wind pressure.

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

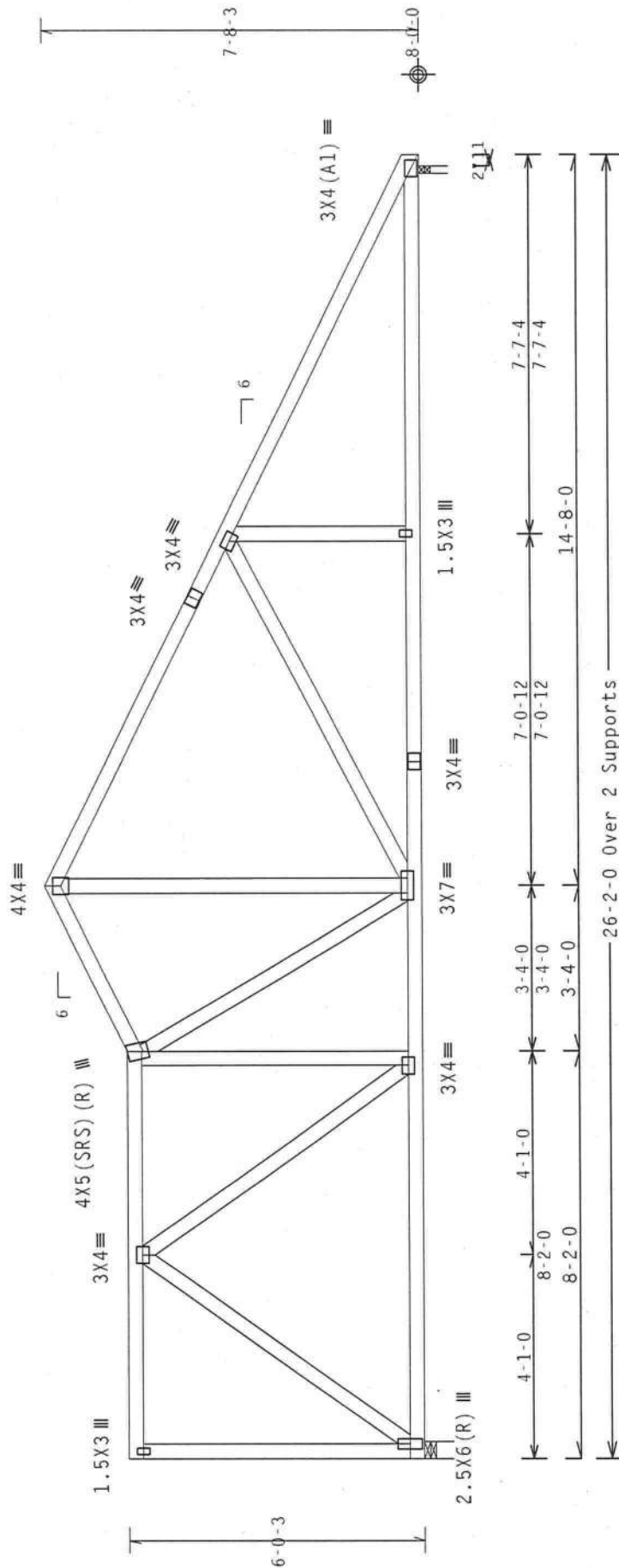
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

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 C, 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.

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

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



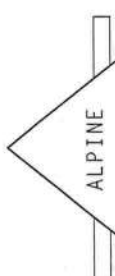
R-1068 U-205 W-4"
RL-93/-179

R-1087 U=105 W=1.778"

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

PLT TYP. Wave

FL/-14/-1-R/- Scale = 3125"/Ft.

 ALPINE 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 WCA) for best practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections 83, 87 or 810, 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 truss and position as shown above and on the joint details, unless noted otherwise. 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 Job's general notes page; ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WCA: www.wcaindustry.com; ICC: www.iccsafe.org			
	TC LL	20.0 PSF	REF	R487-- 69977
	TC DL	10.0 PSF	DATE	05/24/11
	BC DL	10.0 PSF	DRW	HCUSR487 11144040
	BC LL	0.0 PSF	HC-ENG	DF/DF
	TOT.LD.	40.0 PSF	SEQN	204450
	DUR.FAC.	1.25		
	SPACING	24.0"	JREF	1UC7487_Z01

(11-111--Fill in later ERKINGER BUILDERS/FEKO -- ** - AT2)

Top chord 2x4 SP #2 Dense :T2 2x4 SP #1:

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 C, wind TC DL=5.0 psf, wind BC OL=5.0 psf. $I_w=1.00$ GCPI (+/-)=0.18

Left end vertical not exposed to wind pressure.

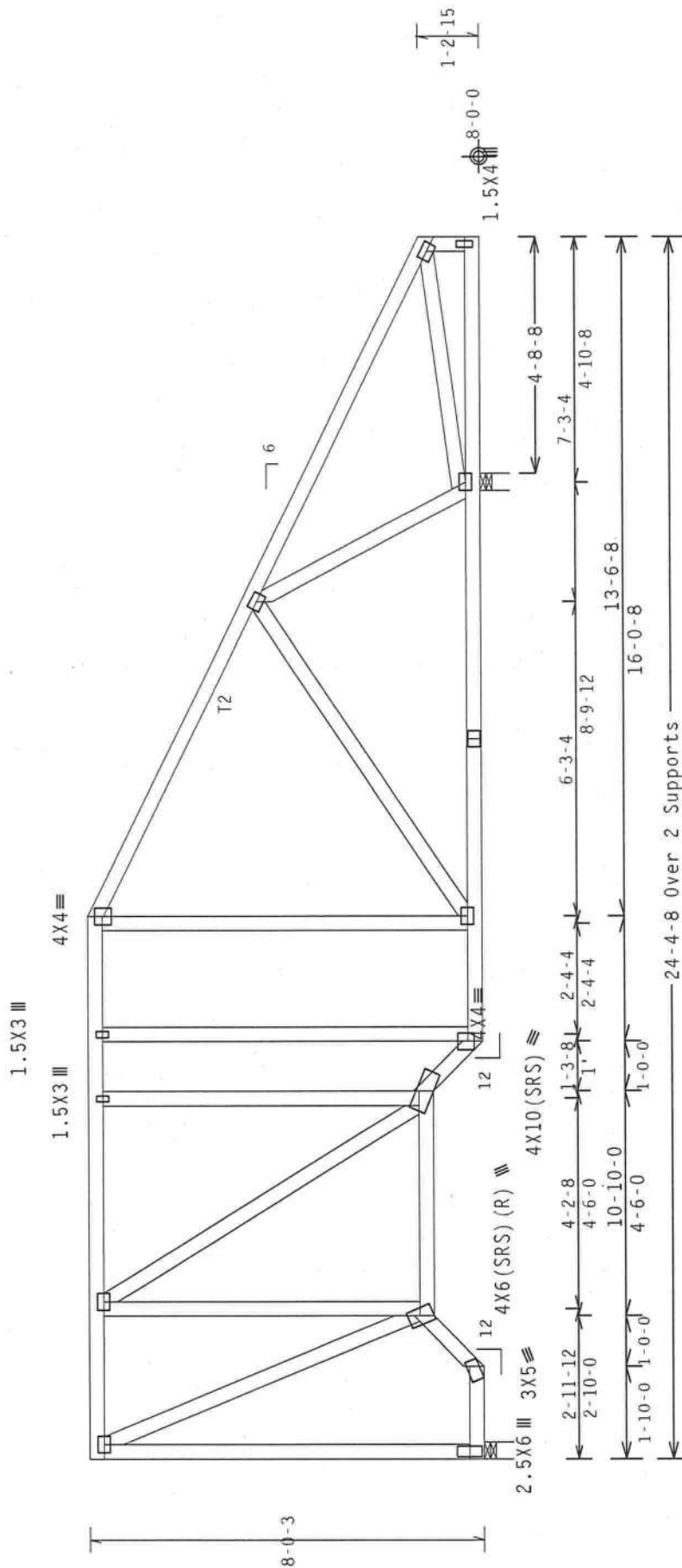
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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

Wind reactions based on MWFRS pressures.

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



R=765 U=219 W=4"

RL=51/-154

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave

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

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSP (Building Component Safety Information, by IP1 and NICA) for installation instructions prior to performing these functions. Installers shall provide temporary bracing per the manufacturer's recommendations otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Conditions shown for permanent lateral restraint of webs shall have bracing installed per CSI sections B3, B7 or B10, as applicable.

[illegible]

Scale = .3125"/Ft.

El 1-141-1-1R1-

TC	11	20	0	0
----	----	----	---	---

10.07 77 21

TC	DL	10.0	P
1	1	10.0	0.000
2	1	10.0	0.000
3	1	10.0	0.000
4	1	10.0	0.000
5	1	10.0	0.000
6	1	10.0	0.000
7	1	10.0	0.000
8	1	10.0	0.000
9	1	10.0	0.000
10	1	10.0	0.000
11	1	10.0	0.000
12	1	10.0	0.000
13	1	10.0	0.000
14	1	10.0	0.000
15	1	10.0	0.000
16	1	10.0	0.000
17	1	10.0	0.000
18	1	10.0	0.000
19	1	10.0	0.000
20	1	10.0	0.000
21	1	10.0	0.000
22	1	10.0	0.000
23	1	10.0	0.000
24	1	10.0	0.000
25	1	10.0	0.000
26	1	10.0	0.000
27	1	10.0	0.000
28	1	10.0	0.000
29	1	10.0	0.000
30	1	10.0	0.000
31	1	10.0	0.000
32	1	10.0	0.000
33	1	10.0	0.000
34	1	10.0	0.000
35	1	10.0	0.000
36	1	10.0	0.000
37	1	10.0	0.000
38	1	10.0	0.000
39	1	10.0	0.000
40	1	10.0	0.000
41	1	10.0	0.000
42	1	10.0	0.000
43	1	10.0	0.000
44	1	10.0	0.000
45	1	10.0	0.000
46	1	10.0	0.000
47	1	10.0	0.000
48	1	10.0	0.000
49	1	10.0	0.000
50	1	10.0	0.000
51	1	10.0	0.000
52	1	10.0	0.000
53	1	10.0	0.000
54	1	10.0	0.000
55	1	10.0	0.000
56	1	10.0	0.000
57	1	10.0	0.000
58	1	10.0	0.000
59	1	10.0	0.000
60	1	10.0	0.000
61	1	10.0	0.000
62	1	10.0	0.000
63	1	10.0	0.000
64	1	10.0	0.000
65	1	10.0	0.000
66	1	10.0	0.000
67	1	10.0	0.000
68	1	10.0	0.000
69	1	10.0	0.000
70	1	10.0	0.000
71	1	10.0	0.000
72	1	10.0	0.000
73	1	10.0	0.000
74	1	10.0	0.000
75	1	10.0	0.000
76	1	10.0	0.000
77	1	10.0	0.000
78	1	10.0	0.000
79	1	10.0	0.000
80	1	10.0	0.000
81	1	10.0	0.000
82	1	10.0	0.000
83	1	10.0	0.000
84	1	10.0	0.000
85	1	10.0	0.000
86	1	10.0	0.000
87	1	10.0	0.000
88	1	10.0	0.000
89	1	10.0	0.000
90	1	10.0	0.000
91	1	10.0	0.000
92	1	10.0	0.000
93	1	10.0	0.000
94	1	10.0	0.000
95			

BC DI 10.0 E

	<
>	<
-	<
>	<
+	-
-	-
>	<
>	<

77 28	0.0

TOT.LD. 40.0 P

DIP FAC 1 25

DOK.FAC. 1.23

SPACING 24.0"

(11-111--Fill in later ERKINGER BUILDERS/FEKO -- ** - AT5)

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

Left end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

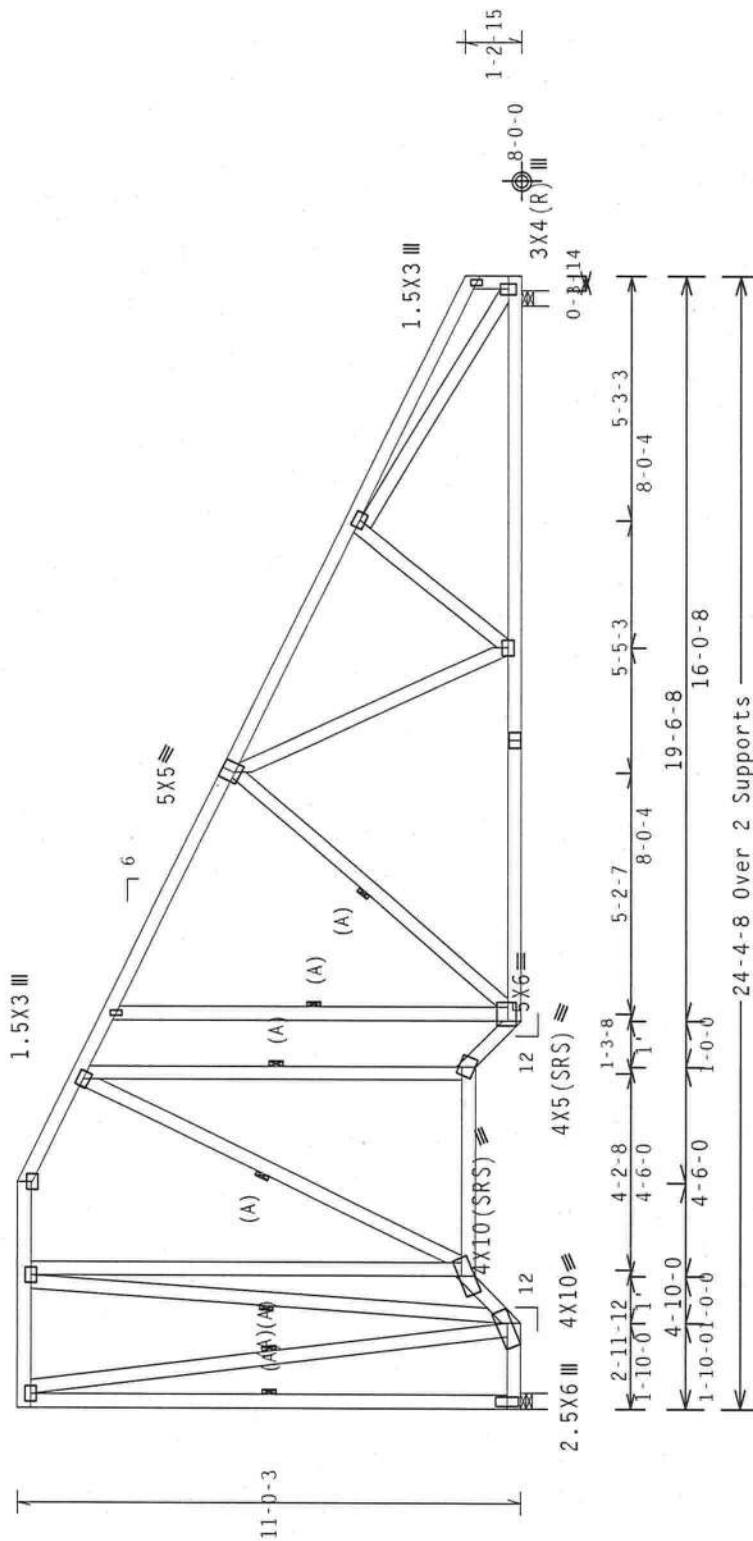
MWFRS loads based on trusses located at least 30.00 ft. from roof edge.

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 C, 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.

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-995 U=216 W=4"

RL=74/-222

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002 (STD)

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

PLT TYP. Wave

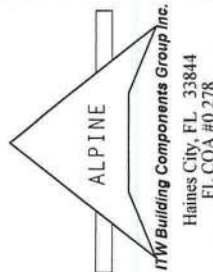
R-100 W=66 W=3.986"



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 NICA) for best 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 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 to 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 joint. 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.tpiinst.org; NICA: www.nicaindust.org; ICC: www.iccsafe.org



Scale = .25" / Ft.

FL / - / 4 / - / - / R / -	TC LL	20.0 PSF	REF	R487 --	69981
	TC DL	10.0 PSF	DATE	05/24/11	
	BC DL	10.0 PSF	DRW	HCUSR487	11144044
	BC LL	0.0 PSF	HC-ENG	DF/DF	
	TOT.L.D.	40.0 PSF	SEQN-	204535	
	DUR.FAC.	1.25			
	SPACING	24.0"	JREF-	1UC7487_Z01	

Top chord 2x6 SP S3
Bot chord 2x6 SP S3
Web 2x4 SP #3 -W2, W8 2x4 SP #2 Dense:
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 C, wind tc DL=5.0 psf, wind BC DL=5.0 psf. 1W=1.00 GCpt(-)=-0.18
Wind reactions based on MkFRS pressures.

End verticals not exposed to wind pressure.

max JT VERT DEFL: LL: 0.16" DL: 0.16" recommended camber 1/4"

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

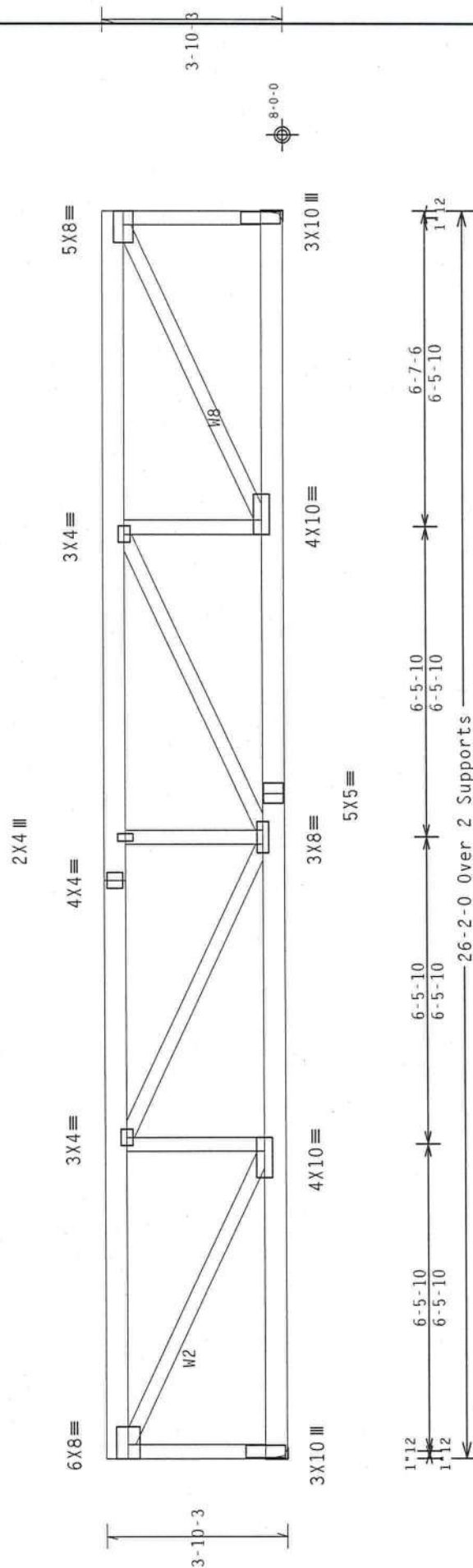
Truss must be installed as shown with top chord up.

The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.

Special loads		Dur. fac. = 1.25 / Plate Dur. Fac. = 1.25	
TC - From	30 plf at 0.00 to 30 plf at 26.17		
BC - From	10 plf at 0.00 to 10 plf at 26.17		
TC - 182.44	lb Conc. Load at 1.40, 3.40, 5.40, 7.40		
9C - 11.40, 13.40, 15.40, 17.40	lb Conc. Load at 1.40, 3.40, 5.40, 7.40		
9C - 12.40, 14.40, 16.40, 18.40	lb Conc. Load at 1.40, 3.40, 5.40, 7.40		
9C - 15.40, 17.40, 19.40, 21.40	lb Conc. Load at 1.40, 3.40, 5.40, 7.40		
9C - 232.60 lb Conc. Load at 22.27			
8C - 209.56 lb Conc. Load at 25.40			

(HI) - (J) Hanger not calculated (2)2x6 SP SS

Supporting member.	not calculated	(2)2x6	SP	SS
(H2) - (J)	Hanger			



R=2504 U=740

R=2514 U=706

Design Crit: FBC2007Res/TPI-2002 (STD)

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

FL / - / 4 / - / - / R / - /
Scale = .3125" / Ft.

PLT TYP. Wave

*****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 IPET and WCA for details on the proper installation of these trusses. Installer shall provide temporary bracing per BCSP. Trusses shall be installed in accordance with the manufacturer's instructions. Trusses shall have a properly attached rigid ceiling. Conditions shown for permanent lateral restraint of trusses shall have bracing installed per BCSP sections B3, B7 or B10, as applicable.

[illegible]

TC LL	20.0	PSF	REF R487 - 69982
TC DL	10.0	PSF	DATE 05/24/11
BC DL	10.0	PSF	DRW HCUR487 11144045
BC LL	0.0	PSF	HC-ENG DF/DF
TOT.LD.	40.0	PSF	SEQN - 204555
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1UC7487_Z01

(11-111--Fill in later ERKINGER BUILDERS/FEKO -- , ** - F9B)

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.

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

Truss must be installed as shown with top chord up.

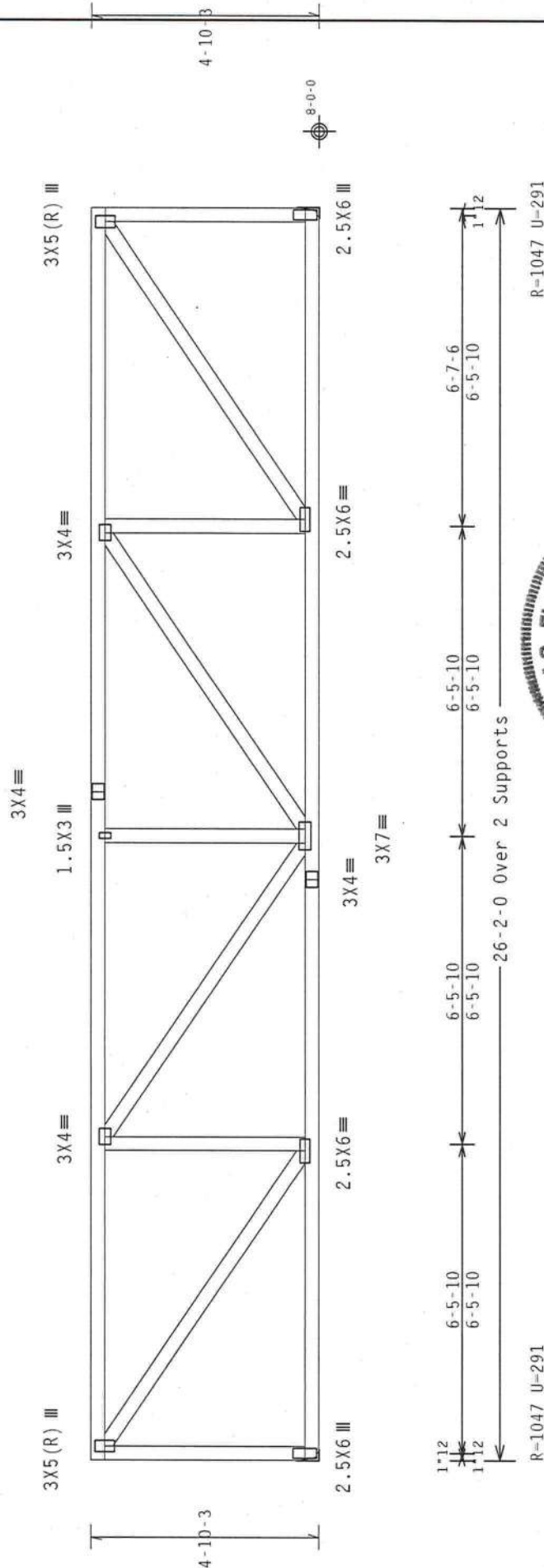
110 mph wind, 15.00 ft mean ht., ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge. CAT II, EXP C, Wind TC DL=5.0 psf, Wind BC DL=5.0 psf, W=1.00 Gcpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

(H1) = (J) Hanger not calculated (2)2x6 SP SS supporting member.

(H2) = (J) Hanger not calculated (2)2x6 SP SS supporting member.

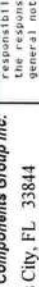
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.



PLT TYP. Wave

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

Scale = .3125"/Ft.

 ALPINE nW 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 COMPANIES 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 WICA for details and practices prior to performing these installations. Installers shall provide temporary bracing per BCSI specifications. Trusses shall be installed in accordance with the specifications and shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections 83, 87 or 810, as applicable. nW Building Components Group Inc. (nWBCG) shall not be responsible for any deviation from the bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the building designer. ANSI/ASCE 160A-2, 160B-2, 160C-2, 160D-2, 160E-2, 160F-2, 160G-2, 160H-2, 160I-2, 160J-2, 160K-2, 160L-2, 160M-2, 160N-2, 160O-2, 160P-2, 160Q-2, 160R-2, 160S-2, 160T-2, 160U-2, 160V-2, 160W-2, 160X-2, 160Y-2, 160Z-2, 160AA-2, 160AB-2, 160AC-2, 160AD-2, 160AE-2, 160AF-2, 160AG-2, 160AH-2, 160AI-2, 160AJ-2, 160AK-2, 160AL-2, 160AM-2, 160AN-2, 160AO-2, 160AP-2, 160AQ-2, 160AR-2, 160AS-2, 160AT-2, 160AU-2, 160AV-2, 160AW-2, 160AX-2, 160AY-2, 160AZ-2, 160BA-2, 160BB-2, 160BC-2, 160BD-2, 160BE-2, 160BF-2, 160BG-2, 160BH-2, 160BI-2, 160BJ-2, 160BK-2, 160BL-2, 160BM-2, 160BN-2, 160BO-2, 160BP-2, 160BQ-2, 160BR-2, 160BS-2, 160BT-2, 160BU-2, 160BV-2, 160BW-2, 160BX-2, 160BY-2, 160BZ-2, 160CA-2, 160CB-2, 160CC-2, 160CD-2, 160CE-2, 160CF-2, 160CG-2, 160CH-2, 160CI-2, 160CJ-2, 160CK-2, 160CL-2, 160CM-2, 160CN-2, 160CO-2, 160CP-2, 160CQ-2, 160CR-2, 160CS-2, 160CT-2, 160CU-2, 160CV-2, 160CW-2, 160CX-2, 160CY-2, 160CZ-2, 160DA-2, 160DB-2, 160DC-2, 160DD-2, 160DE-2, 160DF-2, 160DG-2, 160DH-2, 160DI-2, 160DJ-2, 160DK-2, 160DL-2, 160DM-2, 160DN-2, 160DO-2, 160DP-2, 160DQ-2, 160DR-2, 160DS-2, 160DT-2, 160DU-2, 160DV-2, 160DW-2, 160DX-2, 160DY-2, 160DZ-2, 160EA-2, 160EB-2, 160EC-2, 160ED-2, 160EE-2, 160EF-2, 160EG-2, 160EH-2, 160EI-2, 160EJ-2, 160EK-2, 160EL-2, 160EM-2, 160EN-2, 160EO-2, 160EP-2, 160EQ-2, 160ER-2, 160ES-2, 160ET-2, 160EU-2, 160EV-2, 160EW-2, 160EX-2, 160EY-2, 160EZ-2, 160FA-2, 160FB-2, 160FC-2, 160FD-2, 160FE-2, 160FF-2, 160FG-2, 160FH-2, 160FI-2, 160FJ-2, 160FK-2, 160FL-2, 160FM-2, 160FN-2, 160FO-2, 160FP-2, 160FQ-2, 160FR-2, 160FS-2, 160FT-2, 160FU-2, 160FV-2, 160FW-2, 160FX-2, 160FY-2, 160FZ-2, 160GA-2, 160GB-2, 160GC-2, 160GD-2, 160GE-2, 160GF-2, 160GG-2, 160GH-2, 160GI-2, 160GJ-2, 160GK-2, 160GL-2, 160GM-2, 160GN-2, 160GO-2, 160GP-2, 160GQ-2, 160GR-2, 160GS-2, 160GT-2, 160GU-2, 160GV-2, 160GW-2, 160GX-2, 160GY-2, 160GZ-2, 160HA-2, 160HB-2, 160HC-2, 160HD-2, 160HE-2, 160HF-2, 160HG-2, 160HH-2, 160HI-2, 160HJ-2, 160HK-2, 160HL-2, 160HM-2, 160HN-2, 160HO-2, 160HP-2, 160HQ-2, 160HR-2, 160HS-2, 160HT-2, 160HU-2, 160HV-2, 160HW-2, 160HX-2, 160HY-2, 160HZ-2, 160IA-2, 160IB-2, 160IC-2, 160ID-2, 160IE-2, 160IF-2, 160IG-2, 160IH-2, 160II-2, 160IJ-2, 160IK-2, 160IL-2, 160IM-2, 160IN-2, 160IO-2, 160IP-2, 160IQ-2, 160IR-2, 160IS-2, 160IT-2, 160IU-2, 160IV-2, 160IW-2, 160IX-2, 160IY-2, 160IZ-2, 160JA-2, 160JB-2, 160JC-2, 160JD-2, 160JE-2, 160JF-2, 160JG-2, 160JH-2, 160JI-2, 160JJ-2, 160JK-2, 160JL-2, 160JM-2, 160JN-2, 160JO-2, 160JP-2, 160JQ-2, 160JR-2, 160JS-2, 160JT-2, 160JU-2, 160JV-2, 160JW-2, 160JX-2, 160JY-2, 160JZ-2, 160KA-2, 160KB-2, 160KC-2, 160KD-2, 160KE-2, 160KF-2, 160KG-2, 160KH-2, 160KI-2, 160KJ-2, 160KL-2, 160KM-2, 160KN-2, 160KO-2, 160KP-2, 160KQ-2, 160KR-2, 160KS-2, 160KT-2, 160KU-2, 160KV-2, 160KW-2, 160KX-2, 160KY-2, 160KZ-2, 160LA-2, 160LB-2, 160LC-2, 160LD-2, 160LE-2, 160LF-2, 160LG-2, 160LH-2, 160LI-2, 160LJ-2, 160LK-2, 160LL-2, 160LM-2, 160LN-2, 160LO-2, 160LP-2, 160LQ-2, 160LR-2, 160LS-2, 160LT-2, 160LU-2, 160LV-2, 160LW-2, 160LX-2, 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160UM-2, 160UN-2, 160UO-2, 160UP-2, 160UQ-2, 160UR-2, 160US-2, 160UT-2, 160UU-2, 160UV-2, 160UW-2, 160UX-2, 160UY-2, 160UZ-2, 160VA-2, 160VB-2, 160VC-2, 160VD-2, 160VE-2, 160VF-2, 160VG-2, 160VH-2, 160VI-2, 160VJ-2, 160VK-2, 160VL-2, 160VM-2, 160VN-2, 160VO-2, 160VP-2, 160VQ-2, 160VR-2, 160VS-2, 160VT-2, 160VU-2, 160VV-2, 160VW-2, 160VX-2, 160VY-2, 160VZ-2, 160WA-2, 160WB-2, 160WC-2, 160WD-2, 160WE-2, 160WF-2, 160WG-2, 160WH-2, 160WI-2, 160WJ-2, 160WK-2, 160WL-2, 160WM-2, 160WN-2, 160WO-2, 160WP-2, 160WQ-2, 160WR-2, 160WS-2, 160WT-2, 160WU-2, 160WV-2, 160WW-2, 160WX-2, 160WY-2, 160WZ-2, 160XA-2, 160XB-2, 160XC-2, 160XD-2, 160XE-2, 160XF-2, 160XG-2, 160XH-2, 160XI-2, 160XJ-2, 160XK-2, 160XL-2, 160XM-2, 160XN-2, 160XO-2, 160XP-2, 160XQ-2, 160XR-2, 160XS-2, 160XT-2, 160XU-2, 160XV-2, 160XW-2, 160XX-2, 160XY-2, 160XZ-2, 160YA-2, 160YB-2, 160YC-2, 160YD-2, 160YE-2, 160YF-2, 160YG-2, 160YH-2, 160YI-2, 160YJ-2, 160YK-2, 160YL-2, 160YM-2, 160YN-2, 160YO-2, 160YP-2, 160YQ-2, 160YR-2, 160YS-2, 160YT-2, 160YU-2, 160YV-2, 160YW-2, 160YX-2, 160YY-2, 160YZ-2, 160ZA-2, 160ZB-2, 160ZC-2, 160ZD-2, 160ZE-2, 160ZF-2, 160ZG-2, 160ZH-2, 160ZI-2, 160ZJ-2, 160ZK-2, 160ZL-2, 160ZM-2, 160ZN-2, 160ZO-2, 160ZP-2, 160ZQ-2, 160ZR-2, 160ZS-2, 160ZT-2, 160ZU-2, 160ZV-2, 160ZW-2, 160ZX-2, 160ZY-2, 160ZZ-2				TC LL 20.0 PSF	FL/-/4/-/R/-	REF R487-- 69983
	TC DL 10.0 PSF		DATE 05/24/11				
	BC DL 10.0 PSF		DRW HCUR487 11144046				
	BC LL 0.0 PSF		HC-ENG DF/DF				
	TOT.LD. 40.0 PSF		SEQN- 204562				
	DUR.FAC. 1.25		JREF- 1UC7487_Z01				
SPACING 24.0"							

(11-111--Fill in later ERKINGER BUILDERS/FEKO -- ** - HSI11B)

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

Left end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

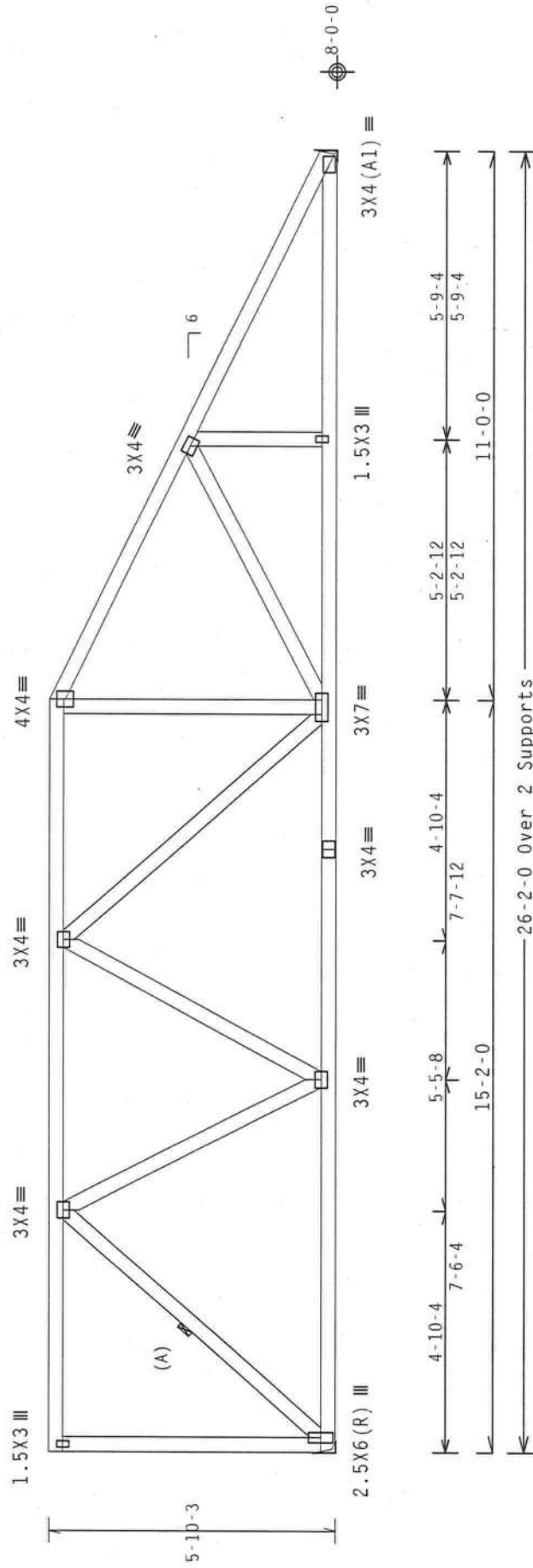
MMFRS loads based on trusses located at least 7.50 ft. from roof edge.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, Exp C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 Gcpl(+/-)=0.18

Wind reactions based on MMFRS 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-1072 U-307
RL-42/-187

R-1083 U-259

PLT TYP. Wave

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

Scale = .3125"/Ft.

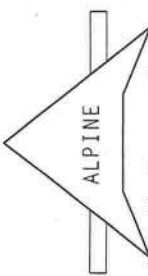
TC LL	20.0 PSF	REF	R487 -- 69984
TC DL	10.0 PSF	DATE	05/24/11
BC DL	10.0 PSF	DRW	HCUSR487 11144004
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN	204575
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1UC7487_Z01



****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 BCSI Building Components Installation Manual for details and instructions. Trusses shall be installed in accordance with the BCSI Building Components Installation Manual. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of trusses 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 for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 1608-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility of the Building Components Group Inc. for the design and use of this structure is the responsibility of the Building Components Group Inc. See ANSI/TPI 1, section 2.1.1. For general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NICA: www.nicaindustry.com; ICC: www.iccsafe.org



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

	Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense	
	webs	2x4	SP	#3	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 C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCp1 (+/-)=0.18

Left end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

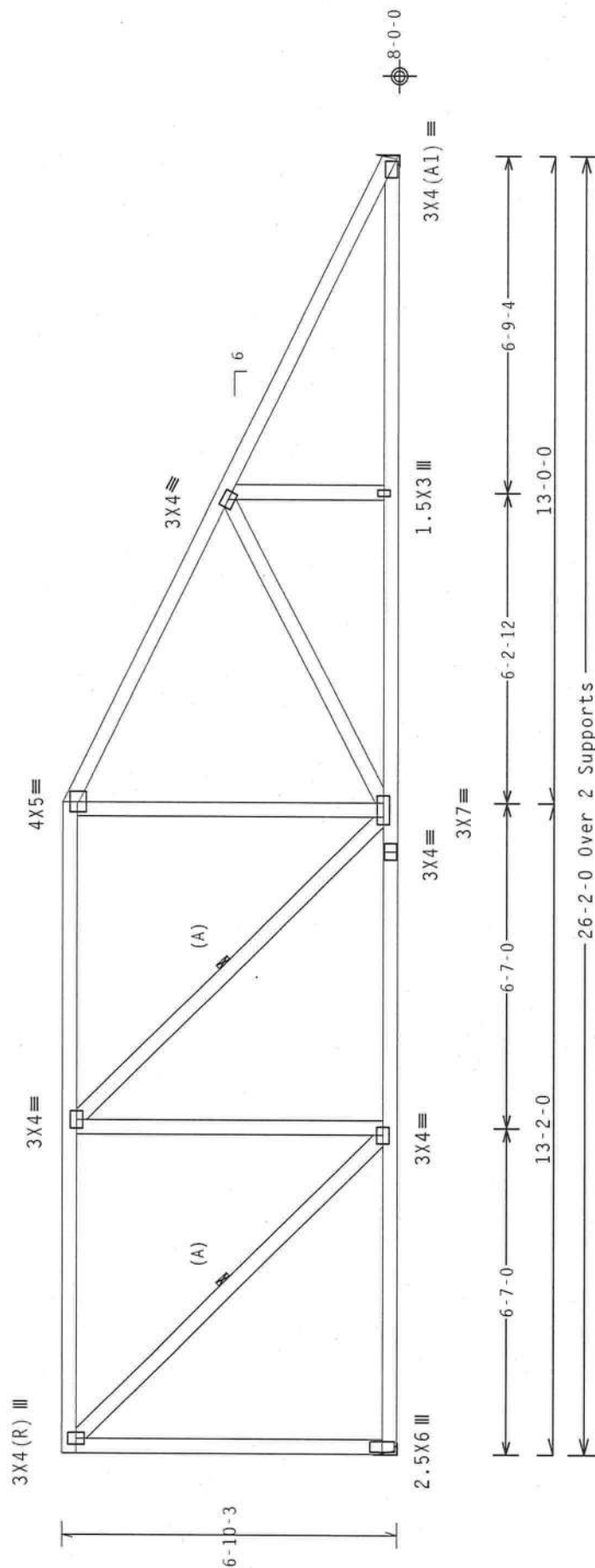
Bottom chord checked for 10.00 psf non-concurrent live load.

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

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=1072 U=267
RL=49/-147

R=1083 U=147

PLT TYP. Wave

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

FL/-/4/-/-/R/-
Scale = .3125"/Ft.

[illegible]

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 C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI (+/-)=0.18

Left end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

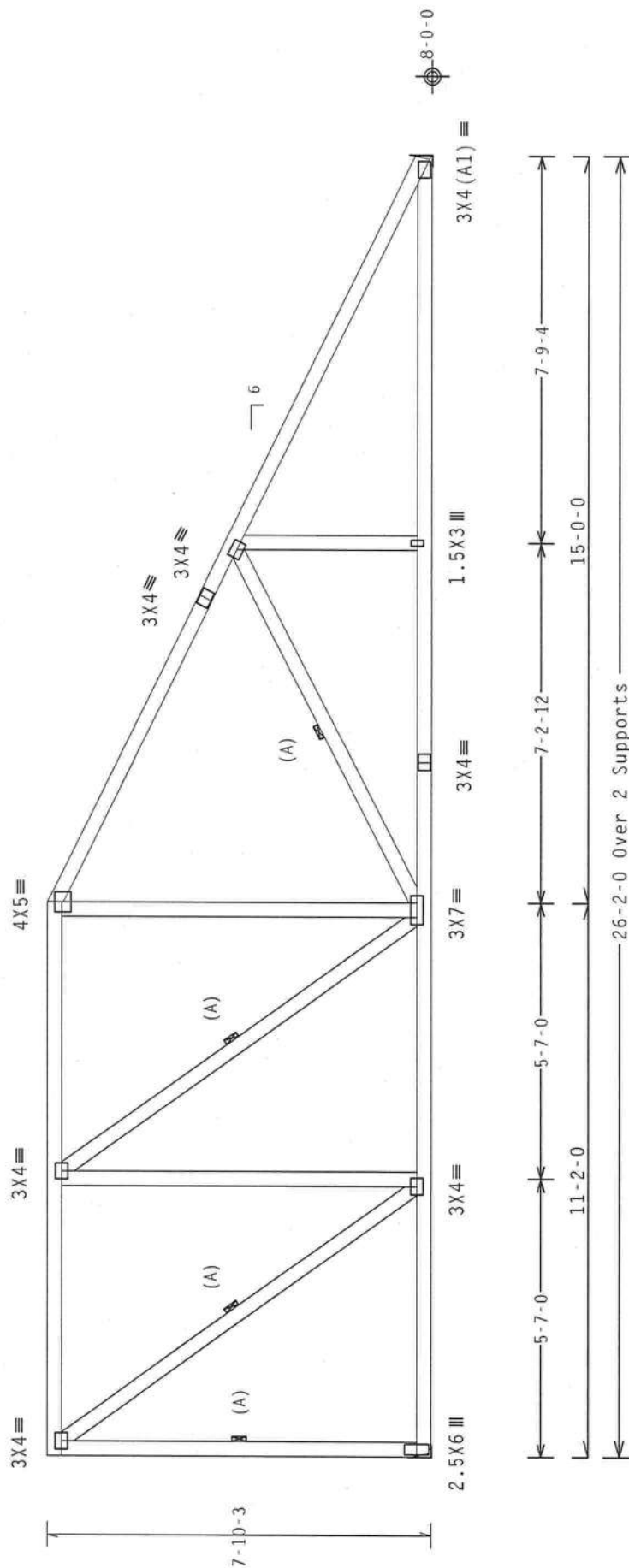
Bottom chord checked for 10.00 psf non-concurrent live load.

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

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-1072 U-261
RL-57/-170

R=1083 U=130

PLT TYP. Wave

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

FL/-/4/-/-/R/-
Scale = .3125"/Ft.

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

[illegible]

The Building Components Group Inc. (LBGI) shall not be responsible for any variation from the design shown on drawings or specifications. The responsibility for the design shall remain with the architect. In the event of any failure to build the truss in accordance with ANSI/APA 10 or for handling, shipping, installing or erecting of trusses, Apply plates to each face of truss and position as shown above and on the Jointed Truss Details, unless noted otherwise. Refer to drawings LG09-2 for standard plate positions. A seal on the drawing or cover plate 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/APA 10 Sec.2. For more information see: This Job's Specification. LBGI: www.lbgi.com; APA: www.apa.org; MCA: www.mcaindustry.com; ICC: www.iccsafe.org

No. 66648
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
05/24/2011

Haines City, FL 33844
FL COA #0 278

FL COA #0 278

JREF- 1UC7487_Z01

SPACING 24.0"

05/24/2011

sbciIndustry.com

1: www.tpinst.org; WICA: www.wica.org

re: ITW-BCG: www.itwbcg.com; IP
org

general notes page
ICC: www.iccsafe.org

Haines City, FL 33844
FL COA #0278

(11-111--Fill in later ERKINGER BUILDERS/FEKO -- ** - HS17B)

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

Left end vertical not exposed to wind pressure.

(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.

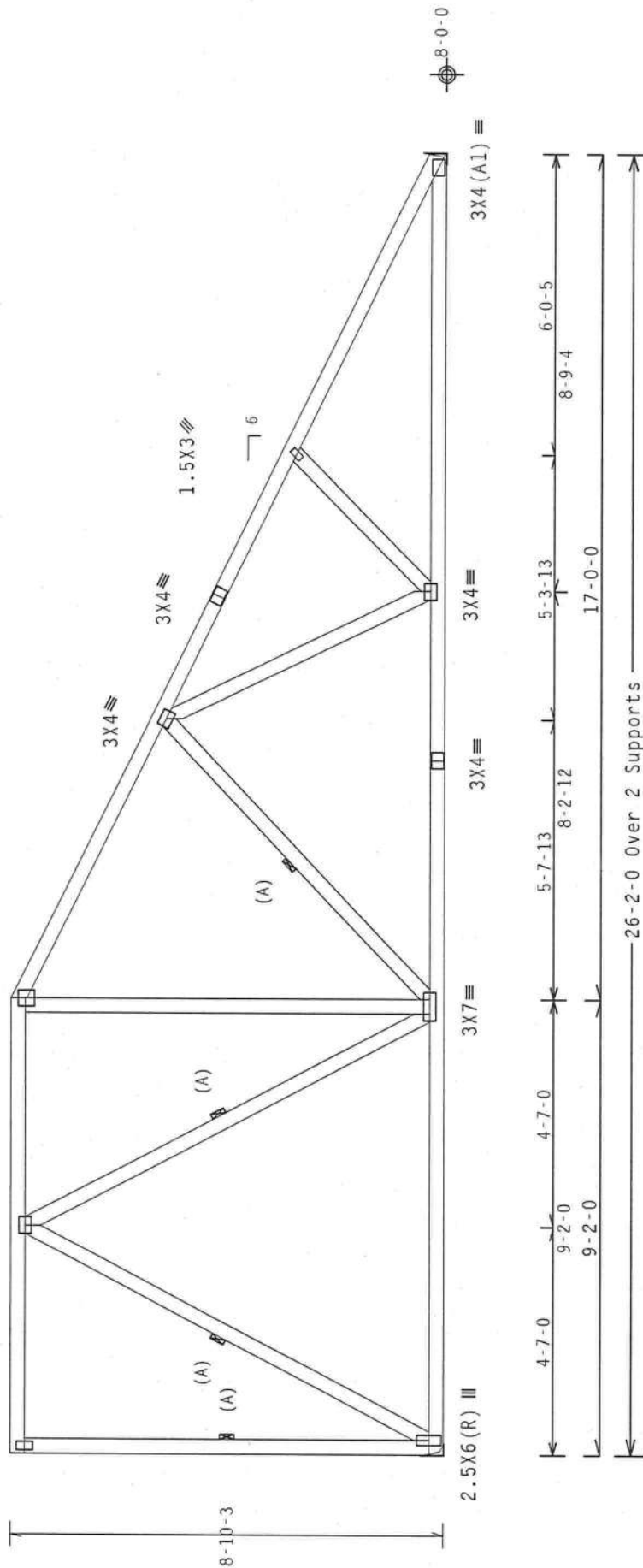
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{Cp1}(+/-)=0.18$

Wind reactions based on MWFRS pressures.

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

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

2X4 III 3X4= 4X4=



R-1072 U-253
RL-64/-193

R-1083 U-113

PLT TYP. Wave

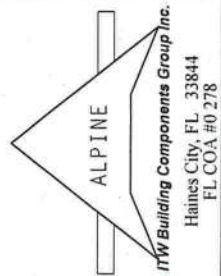
Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10% (0%)/0 (0)

Scale = .3125"/Ft.
REF R487-- 69987
DATE 05/24/11
DRW HCUR487 11144007
HC-ENG DF/DF
SEQN- 204599
DUR.FAC. 1.25
SPACING 24.0"

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 IPI and HICA for details and practices related to the design and installation of trusses. Trusses shall be installed in accordance with the design and specifications shown. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint 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 this design for any failure to build the truss in conformance with ANSI/IPI 1, or for handling, shipping, installation or bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 1608-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility by the Engineer of Record. The Engineer of Record shall be responsible for the general notes page: 11U-BCG: www.itwbcg.com; IPI: www.tpinet.org; HICA: www.bcsiindustry.com; ICC: www.iccsafe.org



(11-111--Fill in later ERKINGER BUILDERS/FEKO -- ** - HS19B)

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 C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Left end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

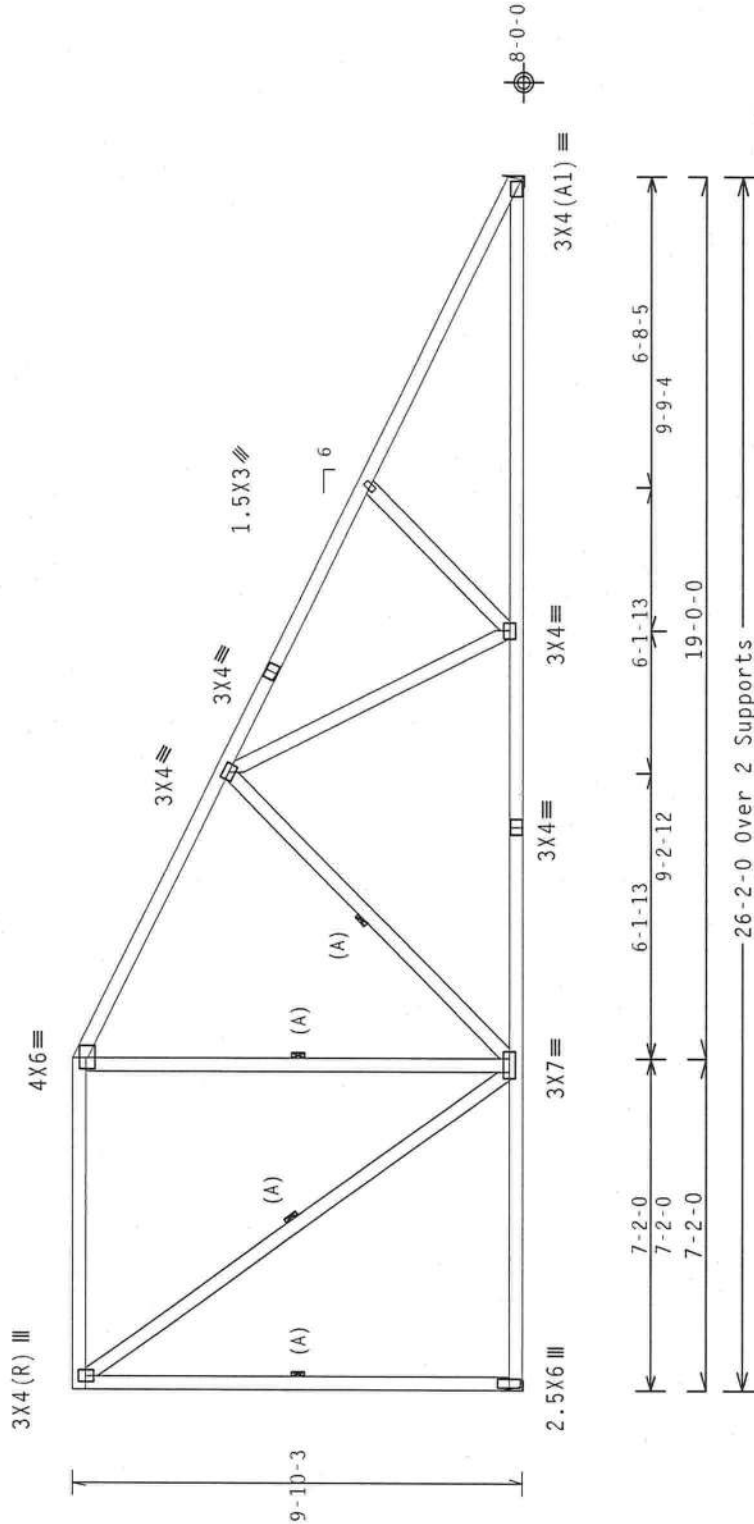
Bottom chord checked for 10.00 psf non-concurrent live load.

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

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.

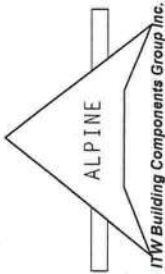


R-1072 U-243
RL-72/-216

R-1083 U-97

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

Scale = .25" / Ft.

PLT TYP. Wave	R-1083 U-97	FL / - / 4 / - / - / R / -	QTY:	REF	DATE	DRW	HC-ENG	DF/DF	SEQN	JREF
 ALPINE Haines City, FL 33844 FL COA #0 278	ALPINE Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	R-1083 U-97	9.05 03.0319.17	TC LL	20.0 PSF	R487 --	69988	HC-ENG DF/DF	204607	1UC7487_Z01
				TC DL	10.0 PSF	05/24/11	69988			
				BC DL	10.0 PSF	05/24/11	11144008			
				BC LL	0.0 PSF	05/24/11	11144008			
				TOT. LD.	40.0 PSF	05/24/11	11144008			
				DUR. FAC.	1.25	05/24/11	11144008	HC-ENG DF/DF	204607	1UC7487_Z01
				SPACING	24.0"	05/24/11	11144008			



WARNING-- READ AND FOLLOW ALL NOTES ON THIS SHEET.
IMPORTANT-- FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by IPI and HICA) for details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the 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 user. For more information see: www.bcsinfo.org; www.tpi.net; www.100safe.org.
ICC: www-100safe.org

(11-111--Fill in later ERKINGER BUILDERS/FEKO -- , ** - HS21B)

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

Left end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

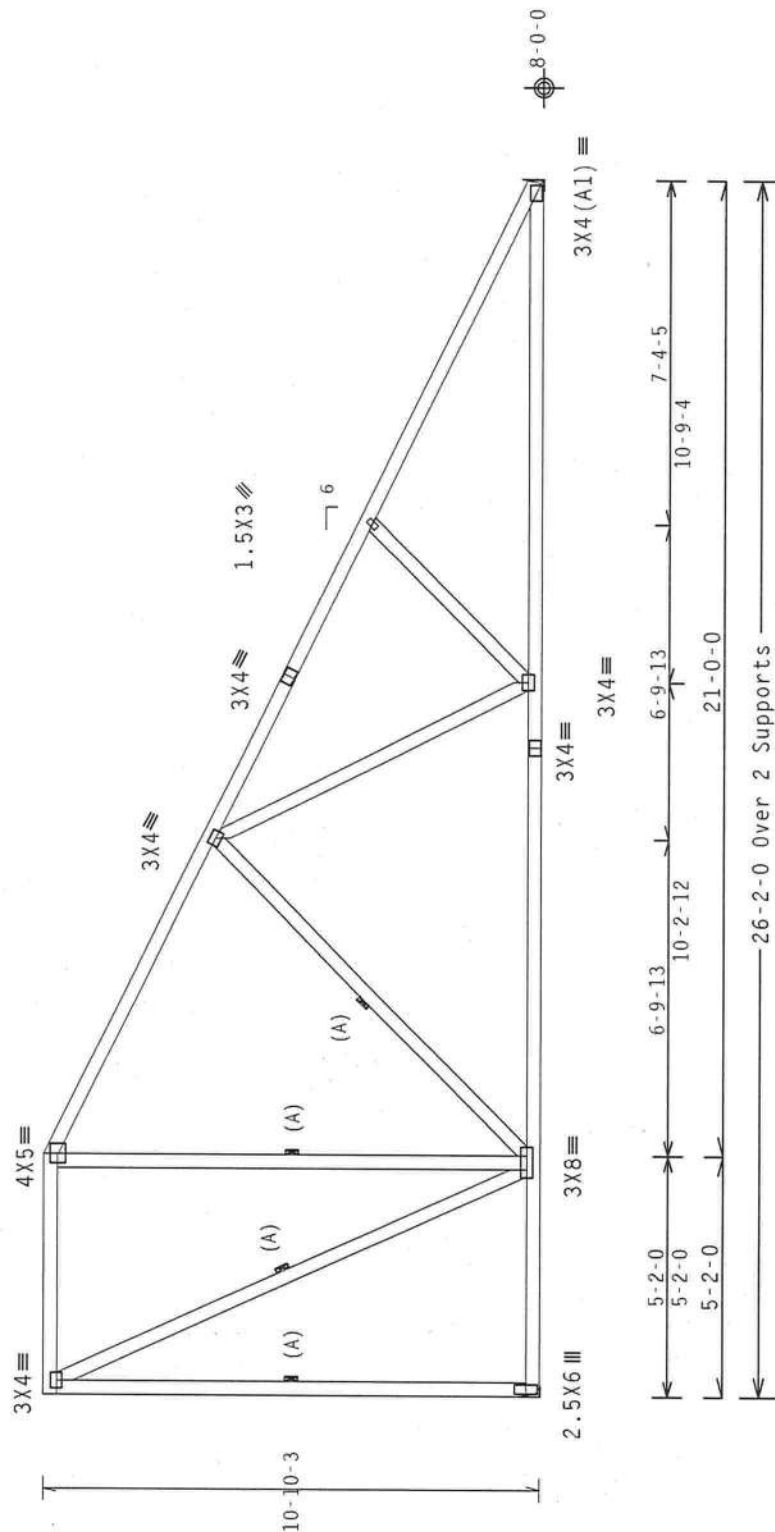
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

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 C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=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-1083 U-82

R-1072 U-233
RL-80/-239

PLT TYP. Wave

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



TC LL	20.0 PSF	FL / - / 4 / - / R / -	Scale = .25" / Ft.
TC DL	10.0 PSF	REF R487 -- 69989	
BC DL	10.0 PSF	DATE 05/24/11	
BC LL	0.0 PSF	DRW HCUR487 11144009	
TOT.LD.	40.0 PSF	HC-ENG DF/DF	*
DUR.FAC.	1.25	SEQN- 204614	
SPACING	24.0"	JREF- 1UC7487_Z01	

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.

****IMPORTANT**** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow all instructions and recommendations, by IPI and HICA, for safety and proper practices prior to performing these functions. Installers shall be responsible for ensuring that the truss is properly installed and braced. Trusses shall be installed in accordance with the manufacturer's instructions. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of web shall have bracing installed per BC31 sections B3, B7 or B10, as applicable.

IIT Building Components Group Inc. (IITBCG) shall not be responsible for any deviation from the design or construction of the truss for any reason, including, but not limited to, the following: 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 160A-2 for standard plate positions. A seal and 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. Use of this drawing for any structure other than that for which it was specifically designed is the responsibility of the user. This job is not to be used for any other purpose without the written consent of IITBCG. IITBCG is not responsible for any structure other than that for which it was specifically designed. IITBCG is not responsible for any structure other than that for which it was specifically designed. IITBCG is not responsible for any structure other than that for which it was specifically designed.

ICC: www.iccsafe.org

(11-111--Fill in later ERKINGER BUILDERS/FEKO --, ** - B)

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.

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.

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

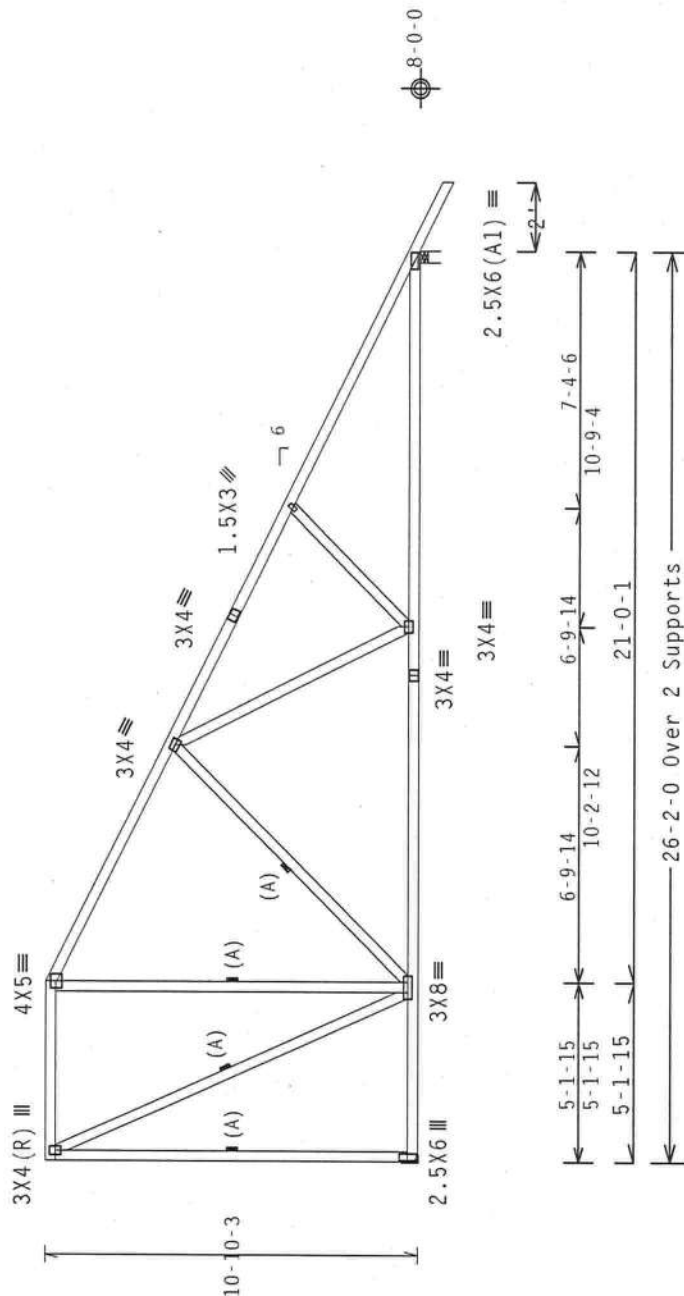
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCp1(+/-)=0.18

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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-1272 U=232
RL=118/-262

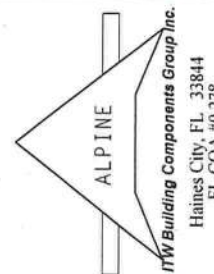
PLT TYP. Wave

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

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 instructions and safety information, by IPI and HICA, for the proper use of the trusses. Trusses shall be installed in accordance with the instructions and safety information, by IPI and HICA, for the proper use of the trusses. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSS 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 for any reason, including but not limited to, the use of the trusses for any purpose other than that intended by ITWBCG, or the use of the trusses in conjunction with any other building system. The user of this design for any structure is responsible for the safety and use of this design for any structure. This 300's general notes page: ITH-BCG: www.ithbcg.com; IPI: www.ipiinst.org; HICA: www.hicaindustr.com; ICC: www.iccsafe.org



TC LL	20.0 PSF	FL/-/4/-/R/-	Scale = .1875"/Ft.
TC DL	10.0 PSF	REF R487--	69990
BC DL	10.0 PSF	DATE	05/24/11
BC LL	0.0 PSF	DRW	HCUSR487 11144010
TOT.LD.	40.0 PSF	HC-ENG	DF/DF
DUR.FAC.	1.25	SEQN-	204621
SPACING	24.0"	JREF-	1UC7487_Z01

(11-111--Fill) in later ERKINGER BUILDERS/FEKO -- , ** - BS)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Wedge 2x6 SP #2:

Left end vertical not exposed to wind pressure.

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

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

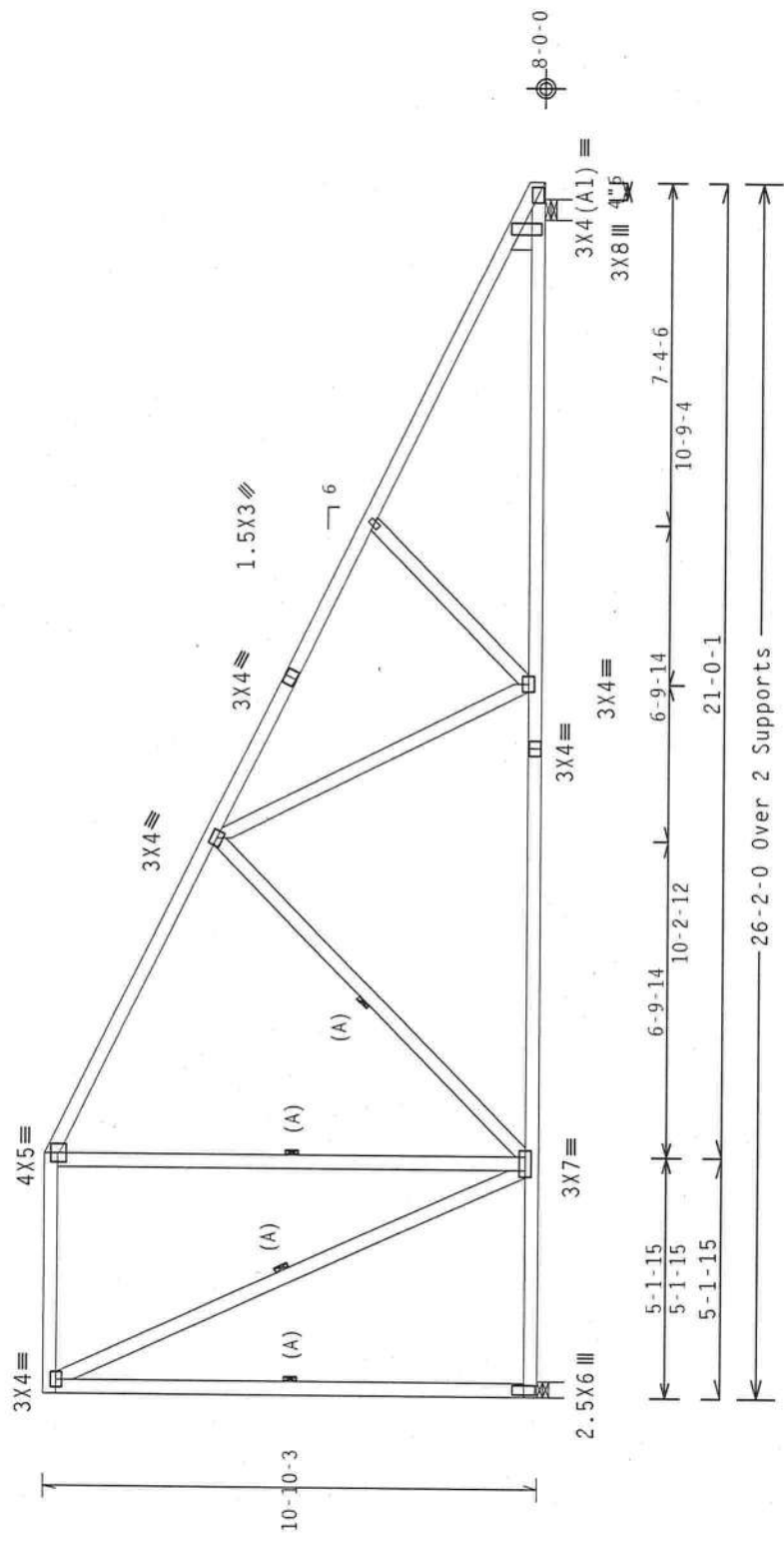
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MMFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

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



R-1053 U-232 W-4"
RL-80/-239

R-1102 U-82 W=5.315"

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(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 the latest edition of BCSI (Building Component Safety Information) by TPI for best 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.

IITW Building Components Group Inc. (IITWBCG) 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 Job. The responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page; IITW-BCG: www.iitwbcg.com; TPI: www.tpinet.org; IITCA: www.iitcasafe.org; ICC: www.iccsafe.org

ALPINE

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

TC LL	20.0 PSF	REF	R487--	69991
TC DL	10.0 PSF	DATE	05/24/11	
BC DL	10.0 PSF	DRW	HCUSR487	11144047
BC LL	0.0 PSF	HC-ENG	DF/DF	
TOT.LD.	40.0 PSF	SEQN-	204659	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1UC7487_Z01	

Scale = .25" / Ft.

	Top	chord	2x6	SP	SS	:T1	2x4	SP	#2	Dense:
Bot	chord	2x6	SP	SS						
	webs	2x4	SP	#3	:W6	2x4	SP	#2 <td>Dense:</td>	Dense:	

Roof overhang supports 2.00 psf soffit load.

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

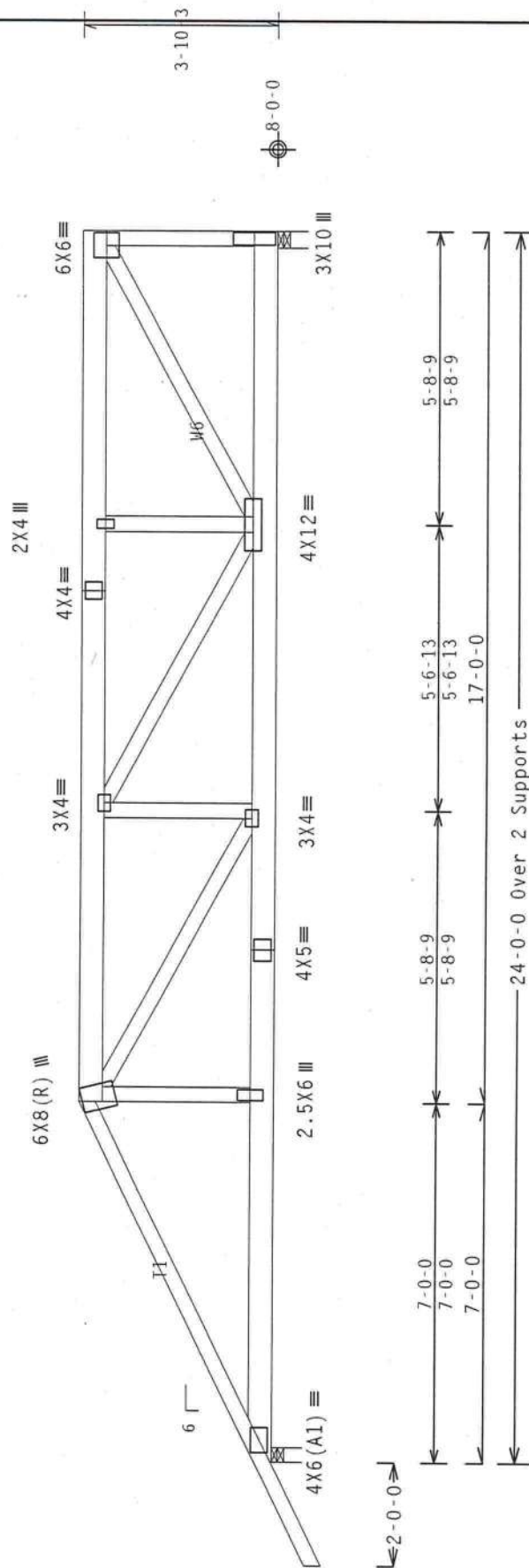
Deflection meets L/240 live and L/180 total load.

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CL0SED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, 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.

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



R=2007 U=691 W=3.5"

R-2073 II-653 W=4"

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

Scale = 3125"/Ft

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

17-0107

9.05
(0)

FT/RT=10% (0%)

... ..

P. Wave

PLT

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. Ref to and follow the latest edition of BCSI Building Component Catalogs for PSI and HCLC for the appropriate practices prior to performing these functions. Installers shall provide temporary bracing for any truss unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections B3, R810 B3, as applicable.

IW Building Components Group Inc. (IWBG) shall not be responsible for any variation from the design shown or any failure to build the truss in accordance with ANSI/TPI 1-1, or for handling, shipping, installing, erecting or bracing of trusses. Apply plates to each race of truss and position as shown above and on the following drawings. Details, unless noted otherwise. Refer to drawings IBO-2 for standard plate positions. A seal on the underside of the bottom chord is required. Sealant must be applied to all joints between members and gusseting or cover plate latching this design shows. 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; IWBG logo: www.iwbgroup.com; TPI: www.tpi.org; WICA: www.wicaindust.com;

1000

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ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
EL COA #0 378

(11-111--Fill in later ERKINGER BUILDERS/FEKO -- ** - HM9C)

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.

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

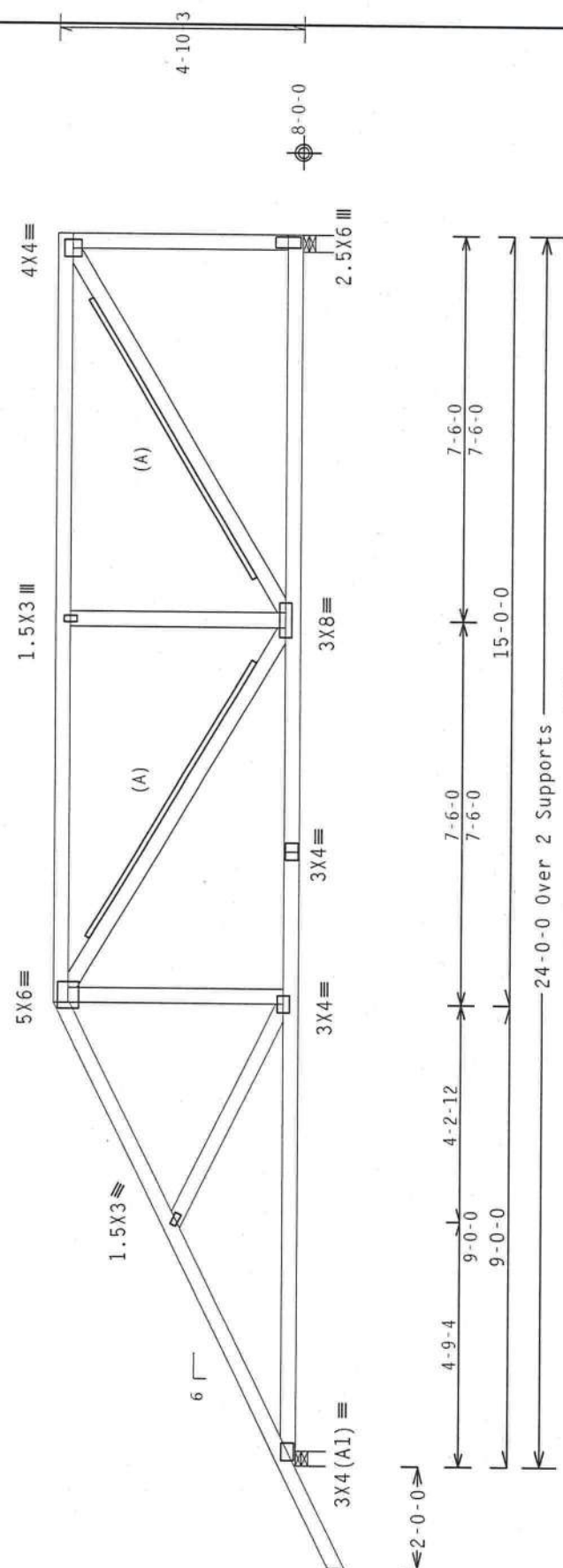
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MMFRS pressures.

Right end vertical not exposed to wind pressure.

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

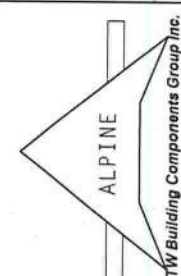
MMFRS loads based on trusses located at least 7.50 ft. from roof edge.

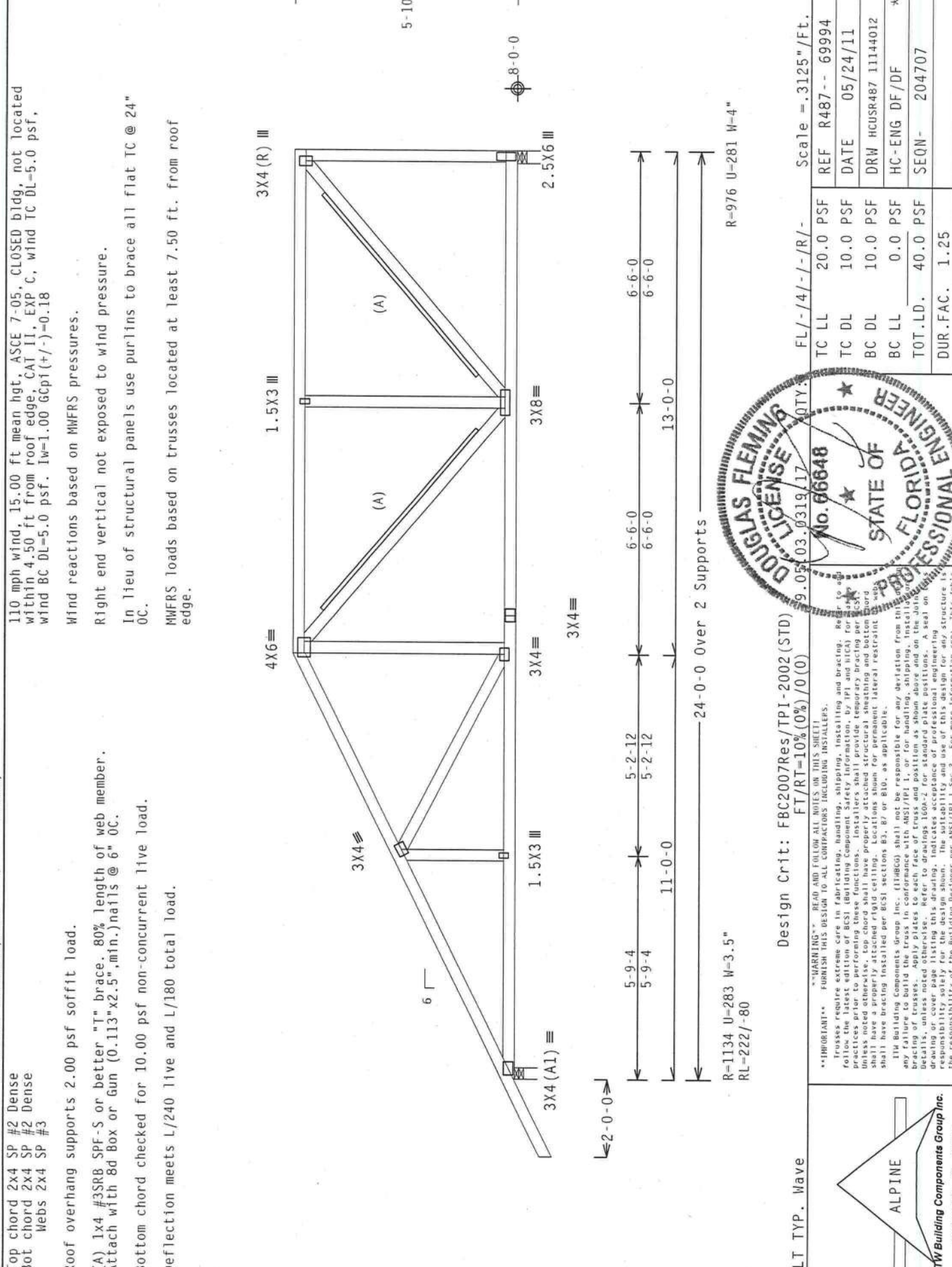


R=1134 U=291 W=3.5"
RL=187/-72

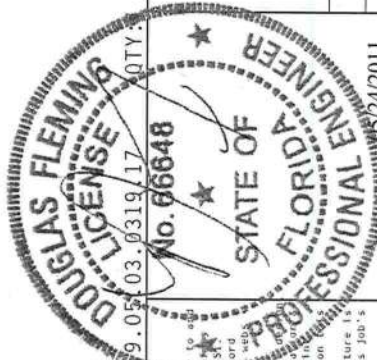
R-976 U-275 W-4"

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

PLT TYP. Wave	Scale = .3125"/Ft.	
	REF	R487 -- 69993
	DATE	05/24/11
	DRW	HCUSR487 11144011
	HC-ENG	DF/DF *
	SEQN	204699
	JREF	1UC7487_201
 ALPINE Haines City, FL 33844 FL COA #0278	FL/ - /4/ - / - /R/ -	
	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"	
	24'-0" Over 2 Supports	
	R-976 U-275 W-4"	
	Design Crit: FBC2007Res/TPI-2002 (STD)	
	FT/RT=10%(0%)/0(0)	
	R=1134 U=291 W=3.5"	
	RL=187/-72	
	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET.	
	FURNISH THIS DESIGN TO ALL COMPARTMENTS INCLUDING INSTALLERS.	
	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information) for BCSI and BCSG 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.	
	IITW Building Components Group Inc. (IITWBCG) shall not be responsible for any deviation from the any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job. If the truss is not installed in accordance with the above, the responsibility for the resulting failure shall be the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page; IITW-BCG; www.iitwbcg.com; TPI; www.tpiinst.org; WICA; www.sbcindustry.com; ICC; www.iccsafe.org	
	PLT TYP. Wave	
	Haines City, FL 33844	
	FL COA #0278	



PLT TYP. Wave	Design Crit: FBC2007Res/TPI-2002 (STD) FT/RT=10%(0%)/0(0)	Scale = .3125"/Ft.
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 C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpf(+/-)=0.18	REF R487-- 69994
Roof overhang supports 2.00 psf soffit load.	Wind reactions based on MWFRS pressures.	DATE 05/24/11
(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.	Right end vertical not exposed to wind pressure.	DRW HCUSR487 11144012
Bottom chord checked for 10.00 psf non-concurrent live load.	In lieu of structural panels use purlins to brace all flat TC @ 24" OC.	HC-ENG DF/DF *
Deflection meets L/240 live and L/180 total load.	MWFRS loads based on trusses located at least 7.50 ft. from roof edge.	SEQN- 204707
		DUR.FAC. 1.25
		SPACING 24.0"
		JREF- 1UC7487_Z01



(11-111--F111 in later ERKINGER BUILDERS/FEKO -- ** - HM13C)

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 "I" 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.

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

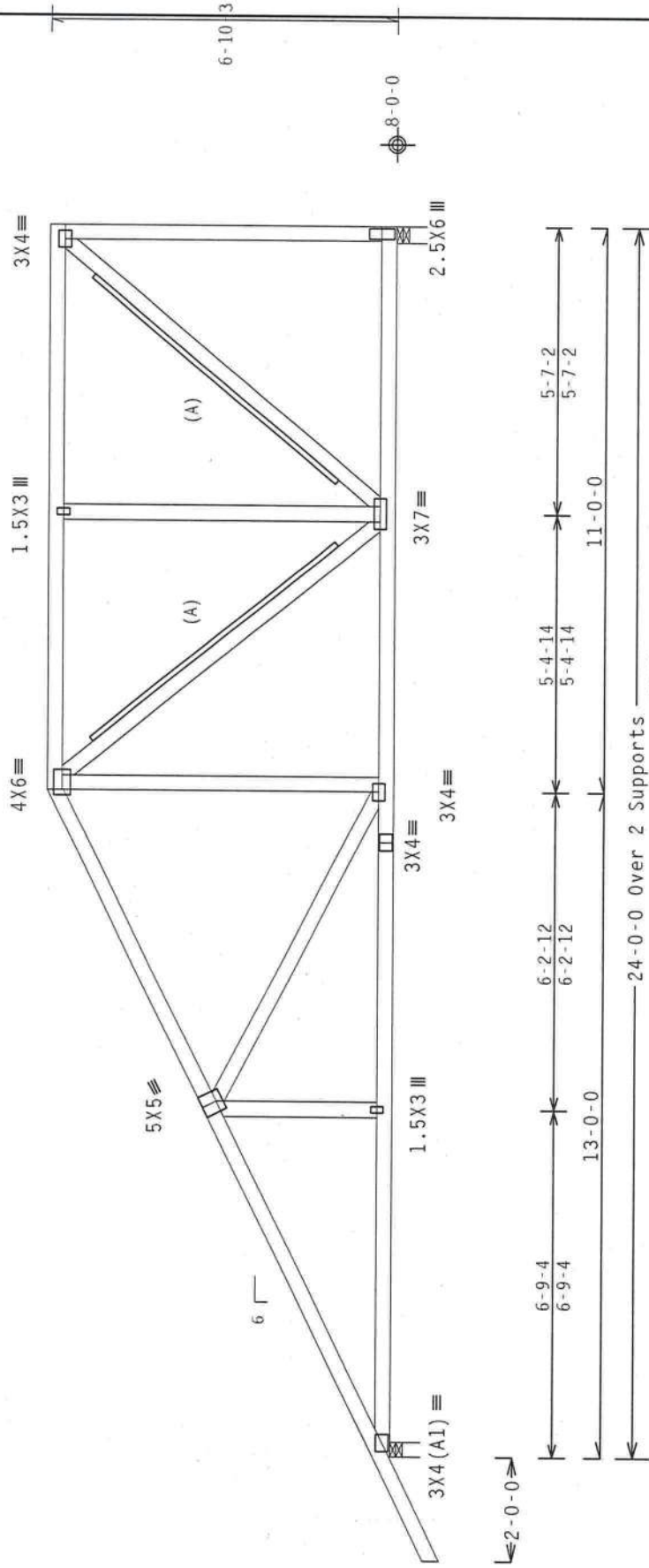
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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=1134 U=151 W=3.5"
RL=170/-87

R=976 U=241 W=4"

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

Scale = .3125" / Ft.



FL / - / 4 / - / - / R / -	TC LL	20.0 PSF	REF	R487 --	69995
	TC DL	10.0 PSF	DATE	05/24/11	
	BC DL	10.0 PSF	DRW	HCUSR487	11144013
	BC LL	0.0 PSF	HC-ENG	DF/DF	*
	TOT.LD.	40.0 PSF	SEQN-	204716	
	DUR.FAC.	1.25			
	SPACING	24.0"	JREF-	1UC7487_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 BCSI (Building Component Safety Information, by TPI and BCSI) for 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 bracing installed per BCSI sections B3, B7 or B10, as applicable.
TPI Building Components Group Inc. (TIBCOG) shall not be responsible for any deviation from this design. 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 Joint Bracing of Trusses. Refer to drawings 1000-2 for standard plate positions. A seal on this drawing or cover page listing this design shall not be used for any other project without the responsibility solely for the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page; TIB-BCG: www.tibbcg.com; TPI: www.tpiinst.org; WCA: www.sbcindustrial.com; ICC: www.iccsafe.org

ALPINE

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

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 #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.

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

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

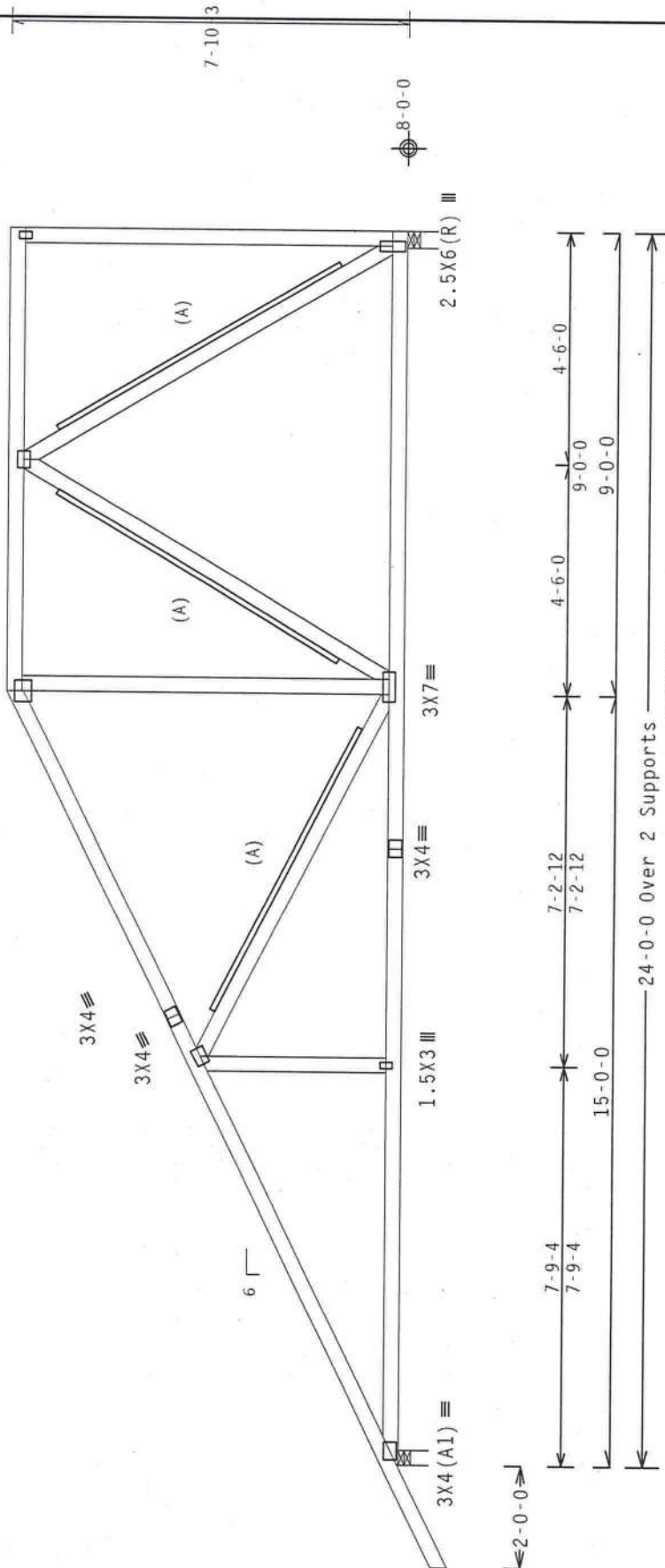
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MMFRS pressures.

Right end vertical not exposed to wind pressure.

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

MMFRS loads based on trusses located at least 15.00 ft. from roof edge.
4X5 = 3X4 = 1.5X3 III



R=1134 U=134 W=3.5"
RL=193/-95

R-976 U-233 W=4"

PLT TYP. Wave

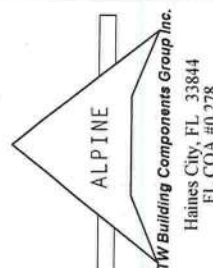
Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

FL/-4/-/-R/- Scale = .3125"/Ft.

TC LL	20.0 PSF	REF	R487-- 69996
TC DL	10.0 PSF	DATE	05/24/11
BC DL	10.0 PSF	DRW	HCUSR487 11144014
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN-	204726
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UC7487_201



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, Inc.) for details on proper 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 properly attached rigid ceiling. Locations shown for permanent lateral restraint only. Trusses shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
Ith Building Components Group Inc. (IthBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint drawings. Trusses shall be installed in accordance with the design shown. The suitability and use of this design is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page: Ith-BCG: www.ithbcg.com; TPI: www.tpiinst.org; NCA: www.sbcindustry.com; ICC: www-icc-safer.org



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 #3SR8 SPF-S or better "I" 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"

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 C, wind TC DL-5.0 psf,
wind BC DL-5.0 psf. Iw=1.00 GCpf (+/-)=0.18

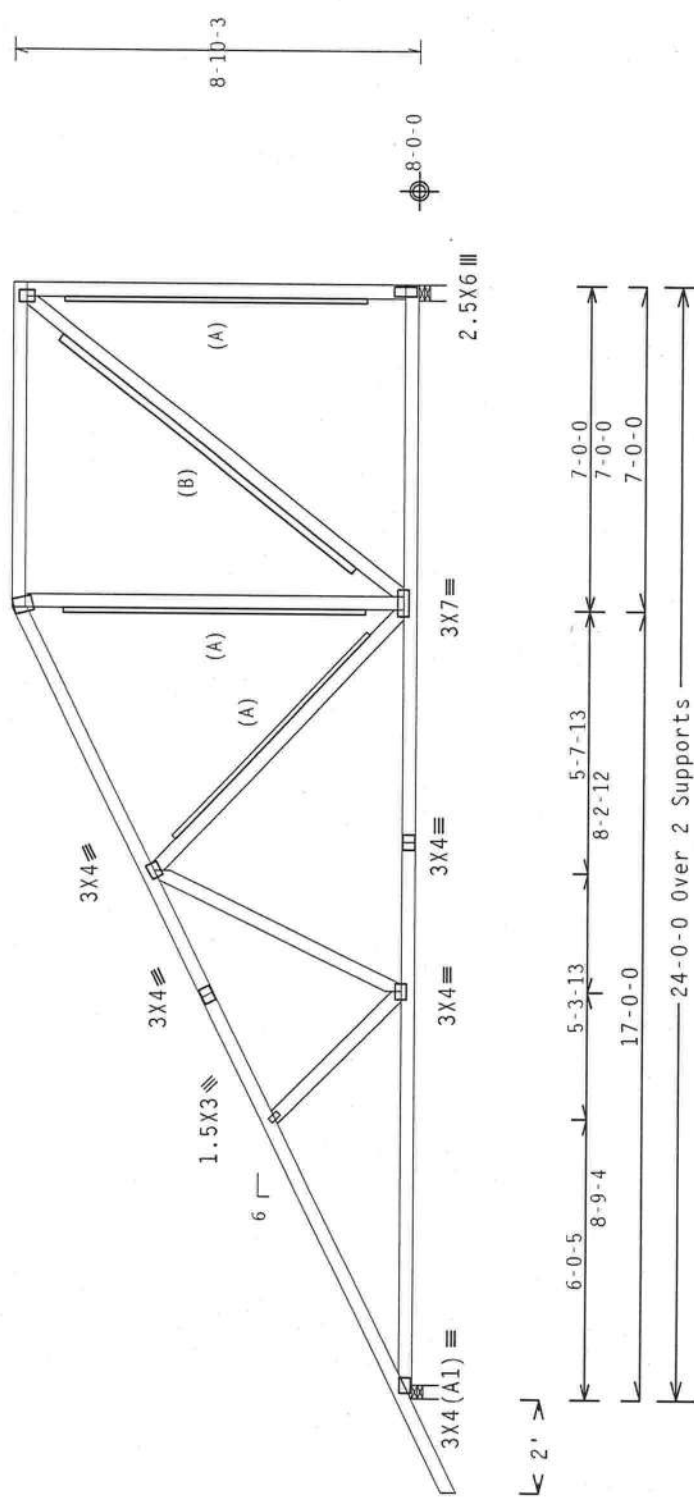
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(B) 2x6 #3 or better "I" 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.

MWFRS loads based on trusses located at least 15.00 ft. from roof
edge.
3X4 (R) III



R=1134 U-117 W=3.5"
RL-216/-103

R=976 U-224 W=4"

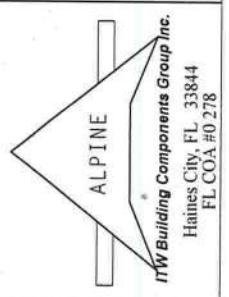
Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

Scale = .25" / Ft.	REF R487 -- 69997
TC LL 20.0 PSF	DATE 05/24/11
TC DL 10.0 PSF	DRW HCUR487 11144015
BC DL 10.0 PSF	HC-ENG DF/DF *
BC LL 0.0 PSF	SEQN- 204734
TOT.LD. 40.0 PSF	DUR.FAC. 1.25
SPACING 24.0"	JREF- 1UC7487_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. Refer to and follow the latest edition of BCSI (Building Component Safety Information) by PLI and BCSI for best 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.
IITW Building Components Group Inc. (IITWBCG) 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 Job. Trusses shall be braced in accordance with the design shown. The suitability and use of this design for the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page; IITW-BCG: www.iitwbcg.com; TPI: www.tpiinst.org; NIA: www.sbcindustry.com; ICC: www.iccsafe.org



	Top chord	2x4	SP	#2	Dense
Bot chord	2x4	SP	#2	Dense	
Webbs	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 C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI (+/-)=0.18

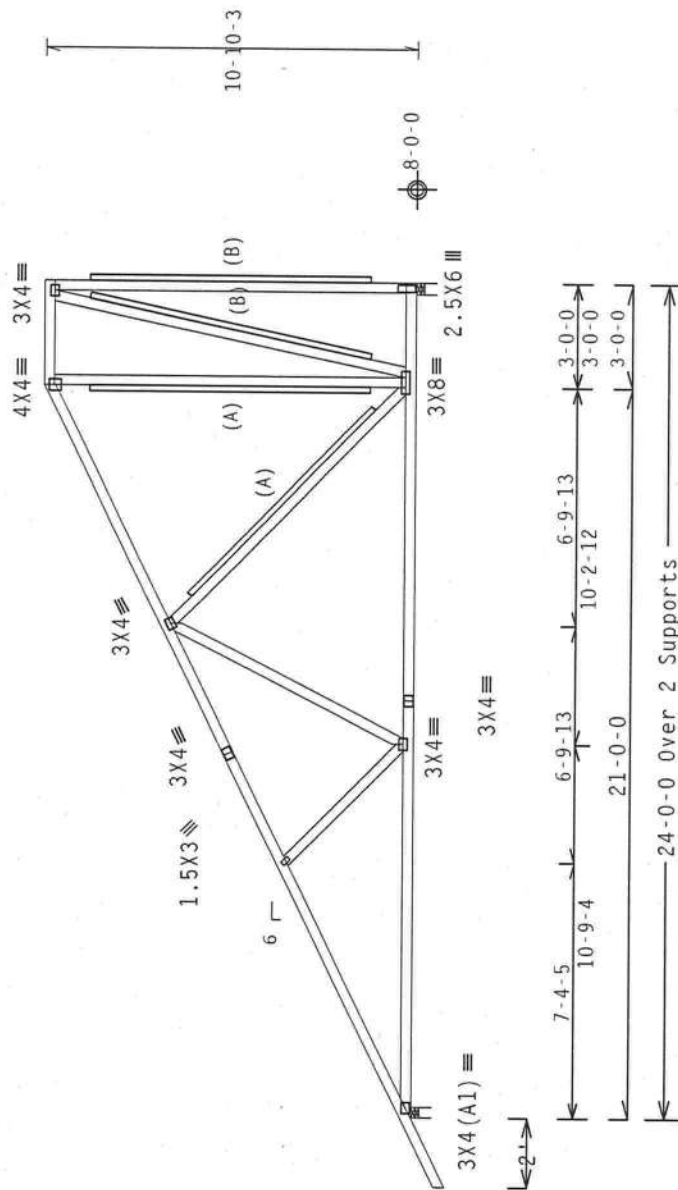
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(B) 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.

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

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



R-1134 U=89 W=3.5"
RL=262/-118

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

PLT TYP. Wave

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

Scale = .1875"/Ft.

TC LL	20.0	PSF	REF R487-- 69999
TC DL	10.0	PSF	DATE 05/24/11
BC DL	10.0	PSF	DRW HCUSR487 11144017
BC LL	0.0	PSF	HC-ENG DF/DF
TOT.LD.	40.0	PSF	SEQN- 204748
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1UC7487 701

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

[illegible]

The Building Components group Inc. (LBCCI) shall not be responsible for any deviation from this design or specification. The manufacturer shall be responsible for compliance with ANSI/AISC 360-10 for welding, shipping, installation, handling, storage, erection, and maintenance. The contractor shall be responsible for the selection of materials, unless noted otherwise. Refer to drawings 1600-2 for standard plate positions. A seal on the drawing or cover page listing this design 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/AISC 360-2. For more information see: This Job's Notes pages 1 through 7. Project Name: LBCCI; www.lbcci.com; IPE: www.ipeinfo.org; NICA: www.nicaindust.com;

ALPINE

TW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278

(11-1111--Fill) in later ERKINGER BUILDERS/FEKO -- , ** - CG)

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

Special loads

Dur.Fac.-1.25 / Plate Dur.Fac.-1.25)
TC- From 62 plf at -2.00 to 62 plf at 7.06
TC- From 31 plf at 7.06 to 31 plf at 21.00
TC- From 31 plf at 21.00 to 31 plf at 24.00
BC- From 4 plf at -2.00 to 4 plf at 0.00
BC- From 20 plf at 0.00 to 20 plf at 7.06
BC- From 10 plf at 7.06 to 10 plf at 24.00
BC- 807.20 lb Conc. Load at 7.06

Wind reactions based on MHFRS pressures.

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

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

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

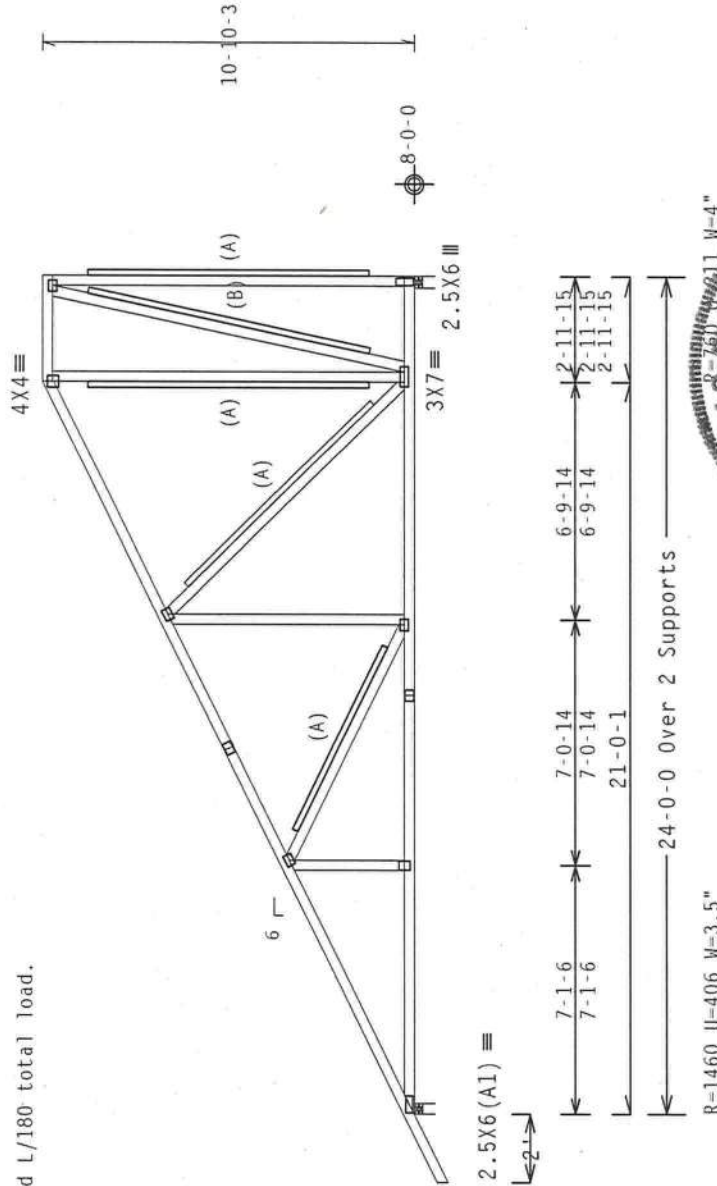
Right end vertical not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load.

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

(B) 2x6 #3 or better "I" 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.



Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002 (STD)

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

PLT TYP. Wave

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL COMPANIES 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 NICA) for best practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Details noted otherwise. Top chords shall have properly attached structural sheathing and bottom chords shall have properly attached structural sheathing. All trusses shall be installed in accordance with the latest Building Components Group Inc. (11/4/00) shall not be responsible for any deviation from this design. Any fabricator or installer who modifies this design without the written approval of the designer shall be responsible for any failure. Apply plates to each face of truss and position as shown above and on the jointing details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the 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 job's general notes page; 11U-800: www.tlubby.com; TPI: www.tpi.org; NICA: www.abnindustry.com; ICC: www.iccsafe.org

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



FL / - / 4 / - / - / R / -	Scale = .1875" / Ft.
TC LL 20.0 PSF	REF R487 -- 70000
TC DL 10.0 PSF	DATE 05/24/11
BC DL 10.0 PSF	DRW HCUR487 11144049
BC LL 0.0 PSF	HC-ENG DF/DF
TOT.LD. 40.0 PSF	SEQN- 204979
DUR.FAC. 1.25	
SPACING 24.0"	JREF- 1UC7487_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.

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

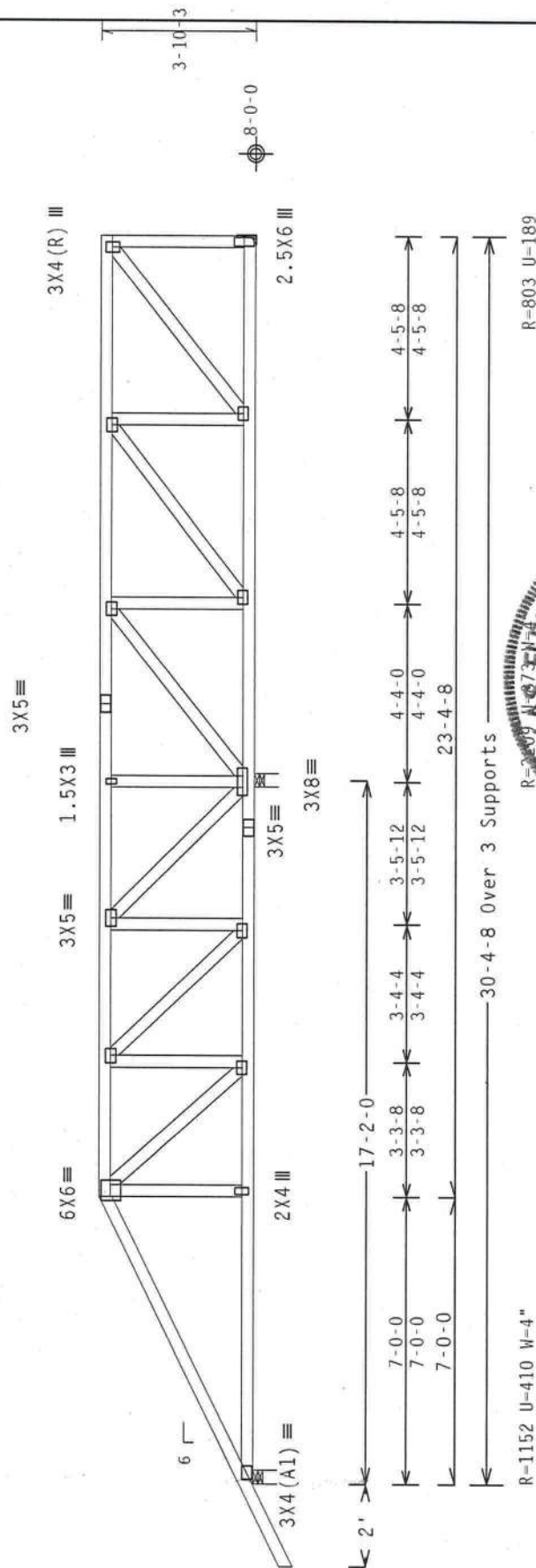
Deflection meets L/240 live and L/180 total load.

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 C, 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.

Right end vertical not exposed to wind pressure.

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



Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave

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 BECI Building Component Safety Information, by IPI and BECI for details on these procedures. Trusses should provide temporary bracing per the manufacturer's instructions. Trusses shall have a properly attached rigid ceiling. Trusses shall have bracing installed per BECI sections R3, R7 or R10, as applicable.

[illegible]

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

R=803 U=189

 $R = 2.25 \text{ m}$

R-1152 U=410 W=4"

Scale = .25" / Ft.

TC LL 20.0 PSE

TC DI 10 0 PSE

	DL	F3F
10.0	10.0	10.0

BC DL 10.0 PSF

0.0 PSF

T0T.LD. 40.0 PSF

OUR.FAC. 1.25

SPACING 24 0"

REF- 11C7487 701

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

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.

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

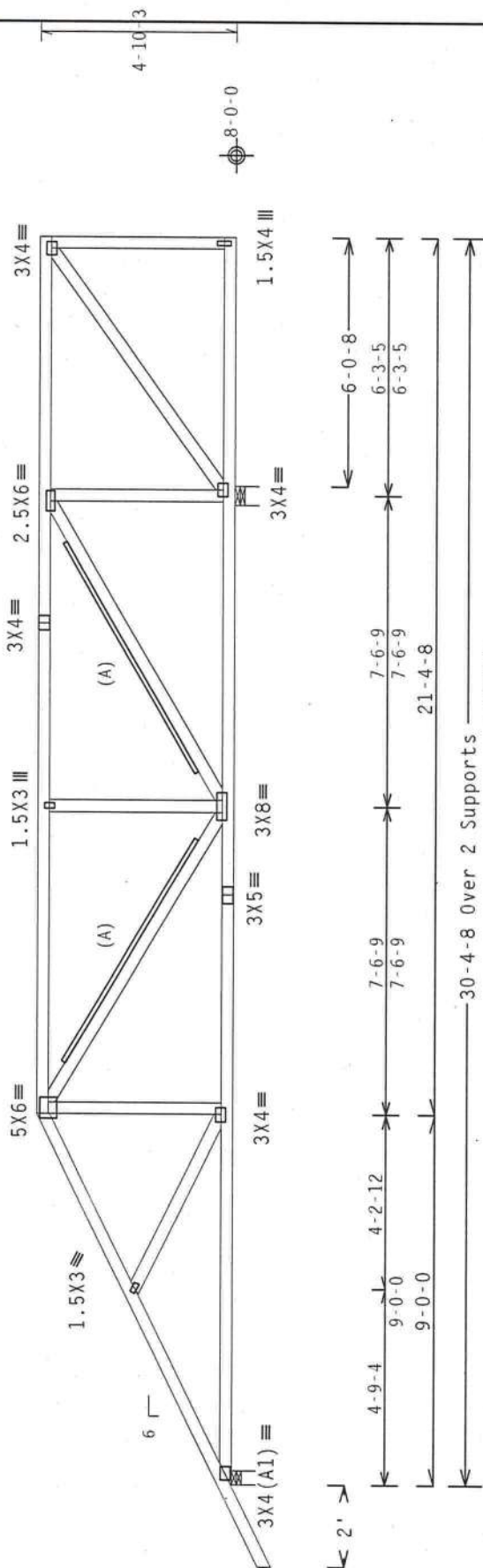
1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpt(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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



R=1080 U=283 W=4"
RL=187/-73

Design Crit: FBC2007Res/TPI-2002(STD)

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

Scale = .25"/Ft.

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

3.0319/17 QTY:

11.1.2007 (316)
(0%)/0(0) 9.05

$\text{FT}/\text{RT}=1$

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 following information for details on the installation of the BCSI components. Information by IPI and AISC for the installation of the BCSI components prior to performing these operations is also available. The following instructions are noted otherwise. Long chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of the truss shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

The ITH Building Components Group Inc. (IHBGCO) shall not be responsible for any deviation from this specification. The user would be responsible to ensure that the design is in conformance with ANSI/IFP 1, or for handling, shipping, installation, processing, receiving, storage, and use. Refer to drawings IBO-2 for standard plate positions. A steel on the 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/IFP 1 Sec.2. For more information see: This job's general notes page: ITH-BOC; www.ithbyg.com; IFP 1: www.ifpinst.org; NICA: www.sbcnmaustar.com

ALPINE

MTW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

1107/47/C&MWH/16/m.

www.sbcindustry.com

e: ITH-BCG: www.ithbcg.com; IPI: www.tpfinst.org; I

general notes

City, FL 33044
CO, #0370

H

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 6un (0.113"x2.5", 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.

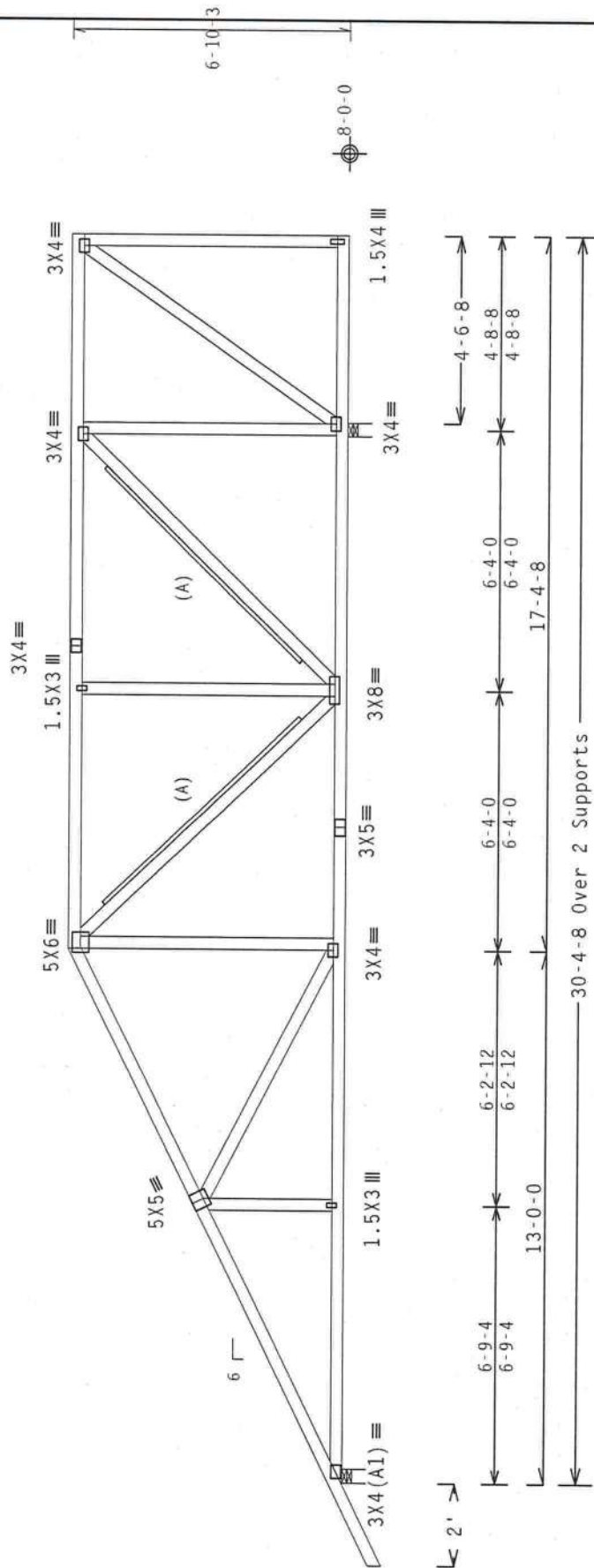
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf,
wind BC DL=5.0 psf, Iw=1.00 GCp1(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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-1175 U-136 W-4
RL-170/-88

R-1460 U-465 W-4

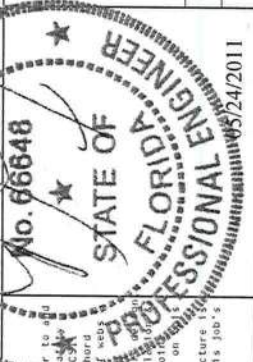
PLT TYP. Wave

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

Scale = .25" / Ft.

FL/-4/-1-R/-

TC LL	20.0 PSF	REF	R487-- 70004
TC DL	10.0 PSF	DATE	05/24/11
BC DL	10.0 PSF	DRW	HCUSR487 11144020
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN-	204865
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UC7487_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) for proper 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 any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, bracing of trusses. Apply plates to each face of truss and position as shown above and on the bottom chord. Trusses need to be braced in all directions. The suitability and use of this design is the responsibility solely for the design shown. The suitability and use of this design 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.tpiinst.org; NITCA: www.nitcaindustry.com; ICC: www.iccsafe.org

ALPINE

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

(11-111--F11) in later ERKINGER BUILDERS/FEKO --, ** - HM15D)

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.

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

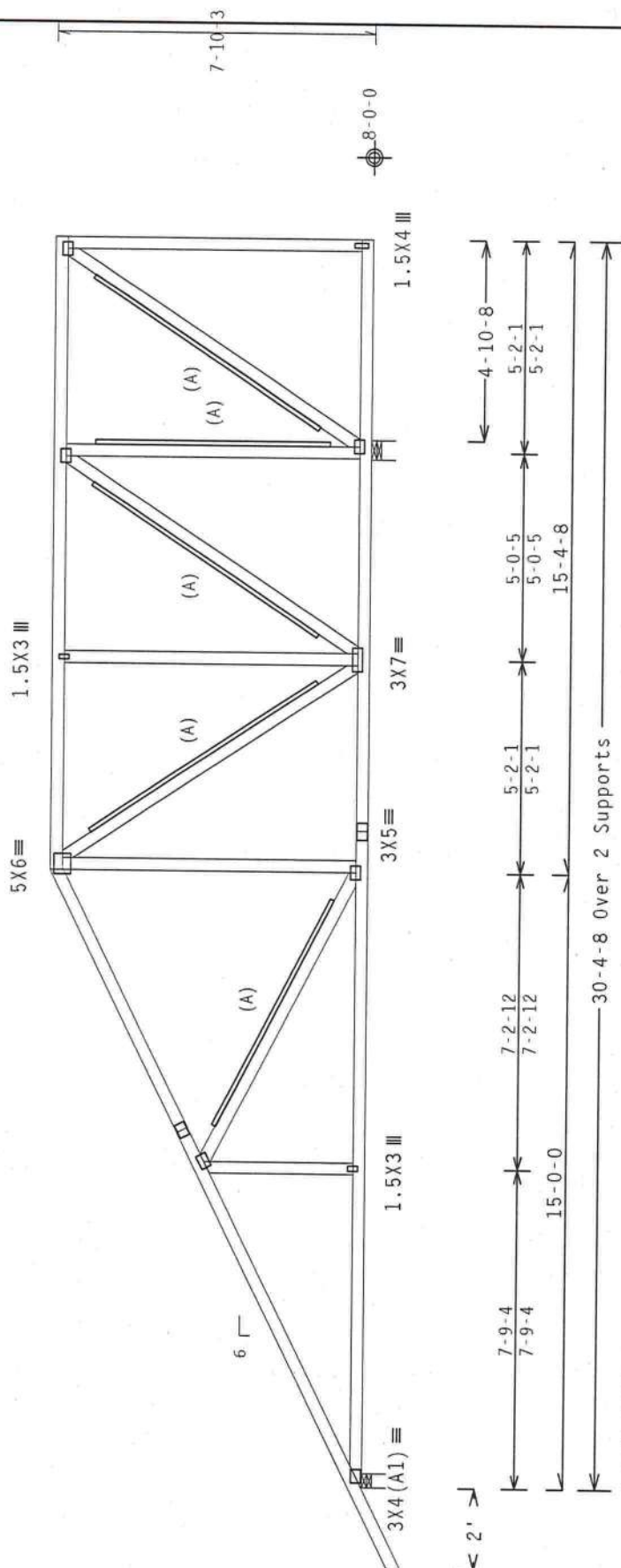
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL-5.0 psf, wind BC DL-5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MMFRS pressures.

Right end vertical not exposed to wind pressure.

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

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



R=1148 U-123 W=4"
RL=193/-96

R=1487 U-491 W=5.657"

Note: All Plates Are 3X4 Except As Shown.

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

PLT TYP. Wave

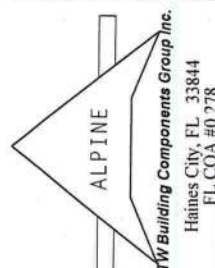
Scale = .25" / Ft.

TC LL	20.0 PSF	FL / - / 4 / - / R / -	REF	R487 - -	70005
TC DL	10.0 PSF		DATE	05/24/11	
BC DL	10.0 PSF		DRW	HCUSR487	11144021
BC LL	0.0 PSF		HC-ENG	DF/DF	*
TOT.LD.	40.0 PSF		SEQN-	204869	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1UC7487_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. Buyer to follow the latest edition of BCSI (Building Component Safety Information, by BPI and KICA) for best 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 or 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 this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, or applying plates to each face of truss and position as shown above and on the Job. Details, unless noted otherwise, shall be in accordance with the latest edition of BCSI. The responsibility of the Building Designer for the design shown. The suitability and use of this design for the general notes page: ITW-BG: www.itwbcg.com; TPI: www.tpinat.org; KICA: www.sbcindustry.com; ICC: www.iccsafe.org



(11-111--Fill in later ERKINGER BUILDERS/FEKO -- ** - HM17D)

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 "J" 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.

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 C, wind TC DL=5.0 psf,
wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MMFRS pressures.

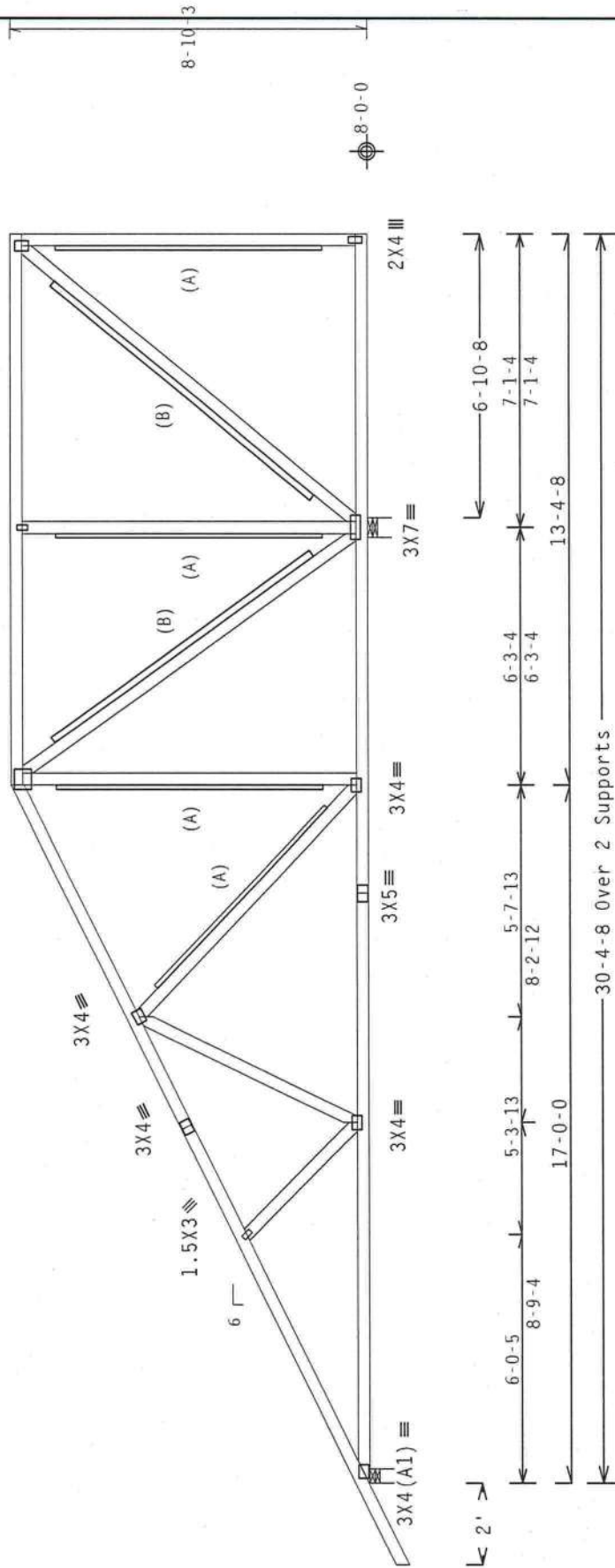
Right end vertical not exposed to wind pressure.

(B) 2x6 #3 or better "J" 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.

MMFRS loads based on trusses located at least 15.00 ft. from roof
3X4 (R) III edge.

5X6 III 1.5X3 III



R-1015 U-135 W-4"
RL=216/-104

Design Crit: FBC2007Res/TPI-2002 (STD)

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

PLT TYP. Wave

Scale = .25" / Ft.



TC LL	20.0 PSF	FL / - / 4 / - / R / -	REF	R487 --	70006
TC DL	10.0 PSF		DATE	05/24/11	
BC DL	10.0 PSF		DRW	HCUSR487	11144022
BC LL	0.0 PSF		HC-ENG	DF / DF	*
TOT.LD.	40.0 PSF		SEQN-	204873	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1UC7487_Z01	

ALPINE

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

(11-111--Fill in later ERKINGER BUILDERS/FEKO -- ** - HM190)

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.

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

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

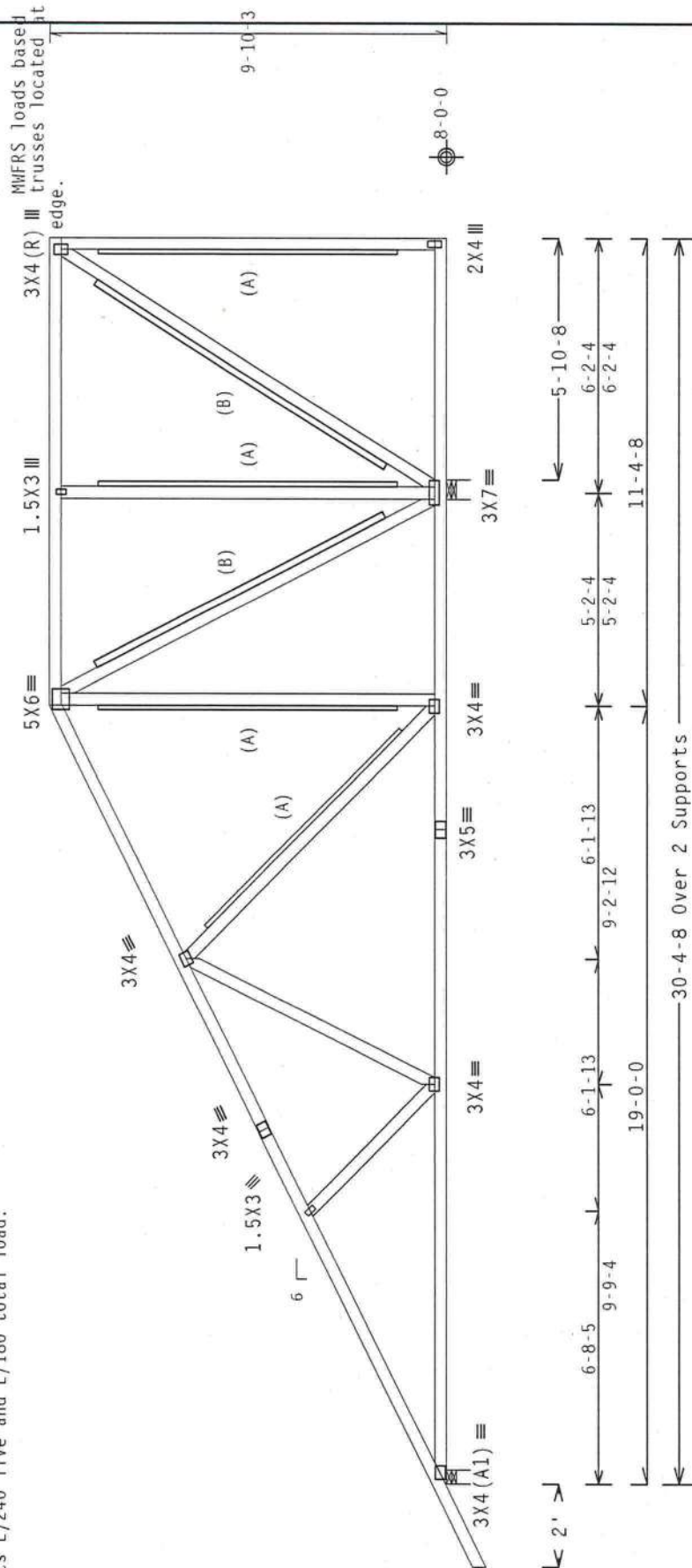
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1w=1.00 GCPI (+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(B) 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.

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



R-1559 U-520 W=5.657"

R-1077 U-124 W=4"
RL=239/-111

Design Crit: FBC2007Res/TPI-2002 (STD)

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

Scale = .25" / Ft.

PLT TYP. Wave ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	Design Crit: FBC2007Res/TPI-2002 (STD) FT/RT=10%(0%)/0(0)		R-1559 U-520 W=5.657"		Scale = .25" / Ft.	
	Design Crit: FBC2007Res/TPI-2002 (STD) FT/RT=10%(0%)/0(0)		R-1559 U-520 W=5.657"		Scale = .25" / Ft.	
	Design Crit: FBC2007Res/TPI-2002 (STD) FT/RT=10%(0%)/0(0)		R-1559 U-520 W=5.657"		Scale = .25" / Ft.	
	Design Crit: FBC2007Res/TPI-2002 (STD) FT/RT=10%(0%)/0(0)		R-1559 U-520 W=5.657"		Scale = .25" / Ft.	
	Design Crit: FBC2007Res/TPI-2002 (STD) FT/RT=10%(0%)/0(0)		R-1559 U-520 W=5.657"		Scale = .25" / Ft.	
	Design Crit: FBC2007Res/TPI-2002 (STD) FT/RT=10%(0%)/0(0)		R-1559 U-520 W=5.657"		Scale = .25" / Ft.	



IMPORTANT: FURNISH THIS DRAWING TO ALL COMPANIES 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 IPI and WICA) for details and 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 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 shown in this drawing. The responsibility 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; WICA: www.bcsimaster.org

11/11/11--Fill in later ERKINGER BUILDERS/FEKO -- ** - HM190

Top chord	2x4	SP #2	Dense
Bot chord	2x4	SP #2	Dense
Wbs	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 C, 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) 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.

Right end vertical not exposed to wind pressure.

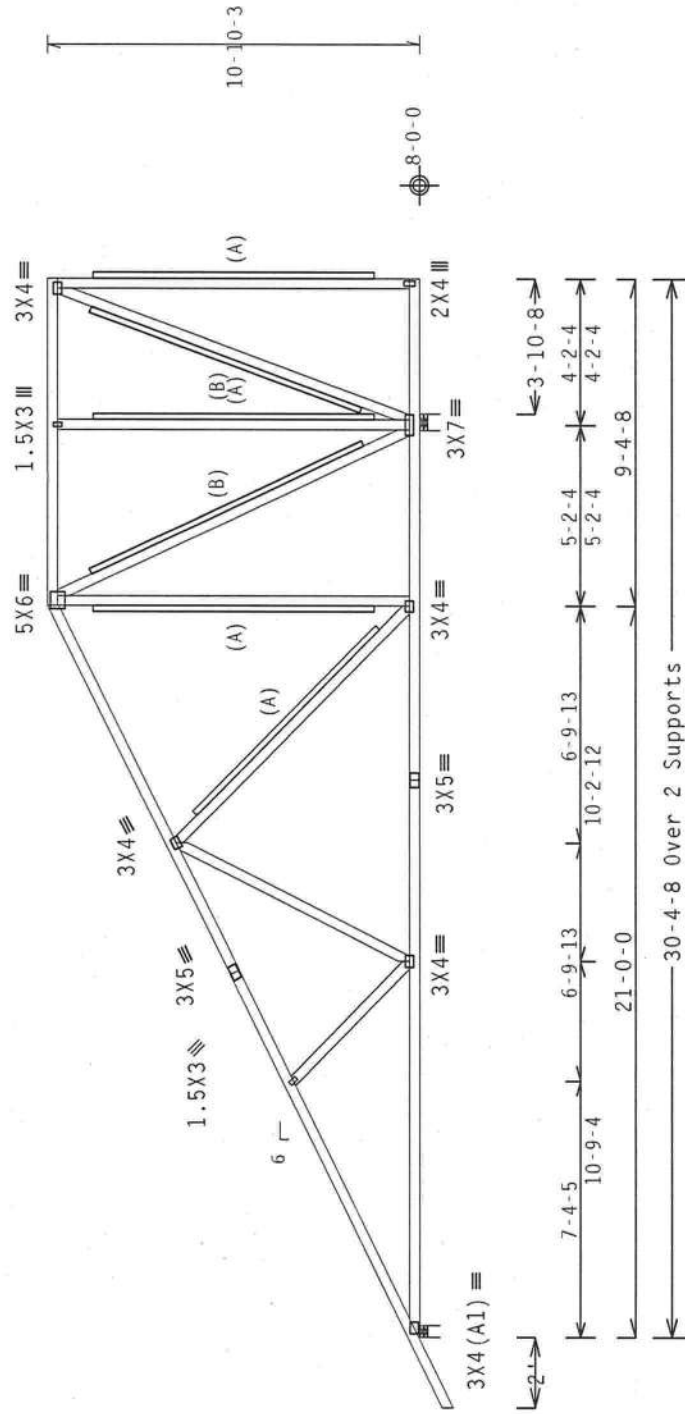
(B) 2x6 #3 or better "T" brace, 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

In lieu of structural panels use purlins to brace all flat LC @ 24 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=1196 U=108 W=4"
RL=262/-119

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

PLT TYP. Wave

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 BECS (Building Component Safety Information), by IPI and NICA for safety instructions concerning erection of roof trusses. All other members must be properly attached structurally and bottom chord members shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per S1 sections B3, B7 & B10, as applicable.

[illegible]

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

Haines City, FL 33844
 FL COA #0 278

JREF- 1UC7487 Z01

(11-1111--Fill in later ERKINGER BUILDERS/FEKO -- , ** - DG)

Top chord 2x4 SP #2 Dense :T3 2x4 SP #1:
Bot chord 2x6 SP SS
Webs 2x4 SP #3 :W7, W8, W9 2x4 SP #2 Dense:
:W10 2x8 SP #1 Dense:

Special loads

Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 62 plf at -2.00 to 62 plf at 7.06
TC- From 4 plf at 7.06 to 4 plf at 21.00
TC- From 4 plf at 21.00 to 4 plf at 29.17
BC- From 4 plf at -2.00 to 4 plf at 0.00
BC- From 20 plf at 0.00 to 20 plf at 7.06
BC- From 1 plf at 7.06 to 1 plf at 29.17
BC- 2503.66 lb Conc. Load at 7.06
BC- 1046.67 lb Conc. Load at 9.06
BC- 1072.38 lb Conc. Load at 11.06,13.06,15.06,17.06
19.06,21.06
BC- 1272.05 lb Conc. Load at 23.06,25.06,27.06,28.10

RooF overhang supports 2.00 psf soffit load.

(B) #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.

(A) (2) #3 or better scab braces. Same size & 80% length of web member.
Attach one to each face w/10d Box or Gun (0.128"x3",min.)nails @ 6" OC.

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

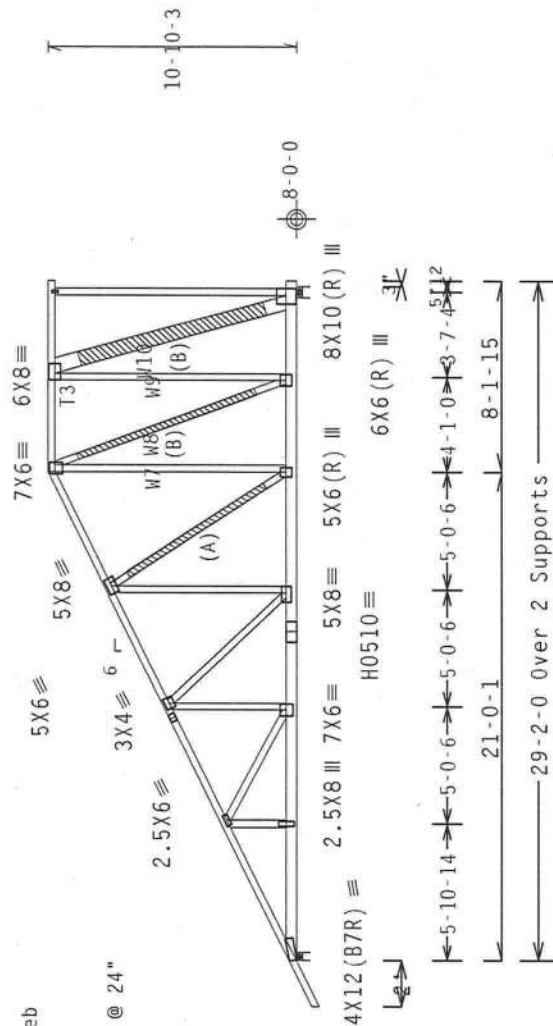
Deflection meets L/240 live and L/180 total load.

2 COMPLETE TRUSSES REQUIRED

Nail Schedule:0.131"x3" nails
Top Chord: 1 Row @12.00" O.C.
Bot Chord: 2 Rows @ 6.00" 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 hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, Exp C, wind TC DL-5.0 psf, wind BC DL-5.0 psf. IW=1.00 GCpl(+/-)-0.18
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

1.5X3 III



R-6714 U-1869 W-4"

R-9188 U=2121 W=5.657"

Design Crit: FBC2007Res/TPI-2002 (STD)

PLT TYP. 20 Gauge HS,Wave

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

Scale =.125"/Ft.

 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 COMPANIES INCLUDING INSTALLERS. **IMPOURANT** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) for details. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of trusses shall have bracing installed per 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 accordance with ANSI/TPI-1, for shipping, handling, installation, or bracing details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the 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 job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpi.org; WCA: www.wcaindustry.com; ICC: www.iccsafe.org			TC LL	20.0 PSF	REF R487--	70010
		TC DL	10.0 PSF	DATE	05/24/11		
		BC DL	10.0 PSF	DRW	HCUSR487 11144051		
		BC LL	0.0 PSF	HC-ENG	DF/DF		
		TOT.LD.	40.0 PSF	SEQN-	204932		
		DUR.FAC.	1.25				
	SPACING	24.0"	JREF-	1UC7487_Z01			

(11-111--Fill in later ERKINGER BUILDERS/FEKO -- , ** - H26E)

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 C, wind TC DL=5.0 psf,
wind BC DL=5.0 psf. 1W=1.00 GCpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

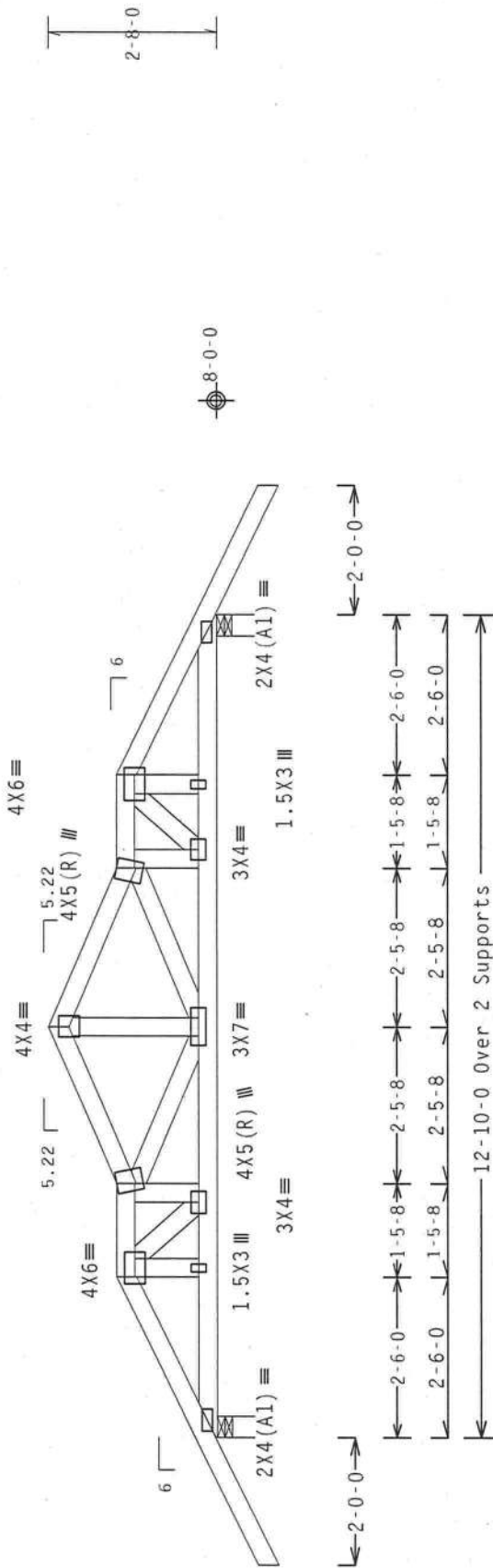
Roof overhang supports 2.00 psf soffit load.

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

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

Special loads

----- (Lumber
Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 62 plf at -2.00 to 62 plf at 2.50
TC- From 62 plf at 2.50 to 62 plf at 3.96
TC- From 31 plf at 3.96 to 31 plf at 6.42
TC- From 31 plf at 6.42 to 31 plf at 8.88
TC- From 62 plf at 8.88 to 62 plf at 10.33
TC- From 62 plf at 10.33 to 62 plf at 14.83
BC- From 4 plf at -2.00 to 4 plf at 0.00
BC- From 20 plf at 0.00 to 20 plf at 2.53
BC- From 10 plf at 2.53 to 10 plf at 10.30
BC- From 20 plf at 10.30 to 20 plf at 12.83
BC- From 4 plf at 12.83 to 4 plf at 14.83
TC- 7.54 lb Conc. Load at 2.53, 10.30
BC- 16.18 lb Conc. Load at 2.53, 10.30
BC- 38.66 lb Conc. Load at 3.94, 8.89
BC- 83.04 lb Conc. Load at 5.48, 7.35



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 IPI and NICA) for best 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 restraints. Webs 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 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 or related plates. Refer to the latest edition of BCSI (Building Component Safety Information, by IPI and NICA) for best practices prior to performing these functions. Refer to drawing 160A-2 for standard plate positions. A seal on the 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 job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpiinst.org; NICA: www.sbcindustry.com; ICC: www.iccsafe.org

PLT TYP. Wave

ALPINE

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

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

Scale = .375"/Ft.

TC LL	20.0 PSF	FL/-/4/-/-/R/-	REF	R487--	70011
TC DL	10.0 PSF		DATE	05/24/11	
BC DL	10.0 PSF		DRW	HCUSR487	11144052
BC LL	0.0 PSF		HC-ENG	DF/DF	
TOT.LD.	40.0 PSF		SEQN-	204359	
DUR.FAC.	1.25		JREF-	1UC7487_Z01	
SPACING	24.0"				

(11-111--Fill in later ERKINGER BUILDERS/FEKO -- ** - H5F)

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

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 C, wind TC DL-5.0 psf, wind BC DL-5.0 psf, 1W-1.00 GCpl(+/-)-0.18

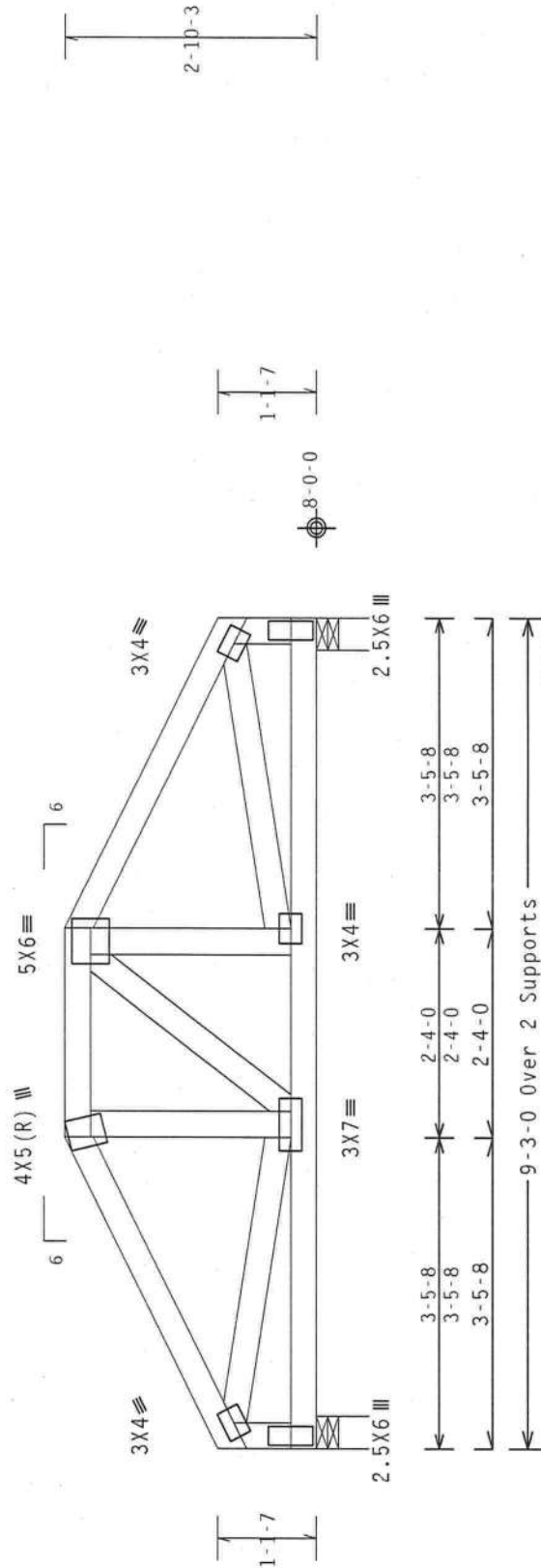
Wind reactions based on MWFRS pressures.

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

Special loads

----- (Lumber)
Dur. Fac. = 1.25 / Plate Dur. Fac. = 1.25
TC- From 62 plf at 0.00 to 62 plf at 3.46
TC- From 31 plf at 3.46 to 31 plf at 5.79
TC- From 62 plf at 5.79 to 62 plf at 9.25
BC- From 10 plf at 0.00 to 10 plf at 6.81
BC- From 20 plf at 6.81 to 20 plf at 9.25
TC- 321.69 lb Conc. Load at 3.49, 5.76
TC- 120.25 lb Conc. Load at 4.63
BC- 158.49 lb Conc. Load at 3.49, 5.76
BC- 87.10 lb Conc. Load at 4.63

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



R-885 U-282 W-4.36"
9-3-0 Over 2 Supports

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

PLT TYP. Wave

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCS (Building Component Safety Information, by TPI and NICA) for best practices prior to performing these functions. Installers shall provide temporary bracing per BCS. 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 BCS sections 3.1, 3.2 or 3.3, as applicable.

IW Building Components Group Inc. (IWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ASCE 7-05, for handling, shipping, installing, or any other reason. Details, unless noted otherwise, shall refer to drawings 160A-2 for standard plate positions. A seal on the 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 Job's general notes page: ITH-BCG: www.ithbcg.com; TPI: www.tpinet.org; NICA: www.sbcindustry.com; ICC: www.iccsafe.org

ALPINE

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



FL/-/4/-/-/R/-	Scale = .5" / Ft.
TC LL 20.0 PSF	REF R487-- 70013
TC DL 10.0 PSF	DATE 05/24/11
BC DL 10.0 PSF	DRW HCUSR487 11144054
BC LL 0.0 PSF	HC-ENG DF/DF
TOT.LD. 40.0 PSF	SEQN- 204353
DUR.FAC. 1.25	JREF- 1UC7487_Z01
SPACING 24.0"	

(11-111--Fill in later ERKINGER BUILDERS/FEKO -- ** - H7G)

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

Roof overhang supports 2.00 psf soffit load.

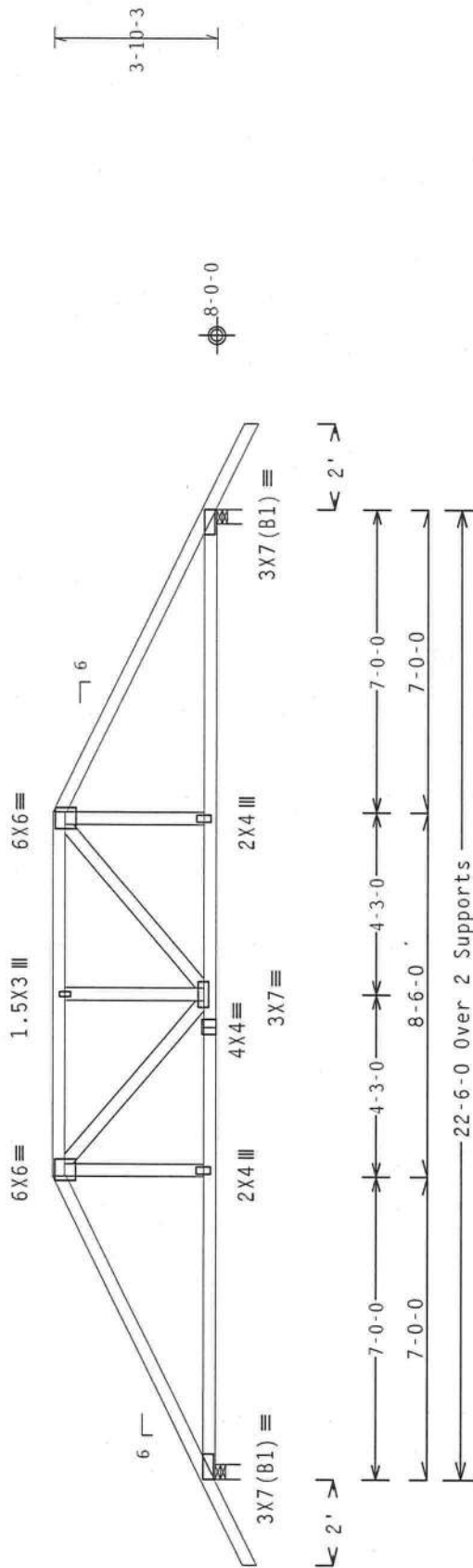
In lieu of structural panels use purlins to brace all flat TC @ 24"

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

Wind reactions based on MWFRS pressures.

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

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



R-1912 U-696 W-4"

U-696 W-4"

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (STD)

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

QTY: 03.0319.17

Scale = .25"/Ft.

 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 COMPACTORS 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 NICA) for practices prior to performing these functions. Installers shall provide temporary bracing per details, 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 83, 87 or 810, 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. Details, unless noted otherwise. Refer to drawings 1808-2 for standard plate positioning and on the 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 job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpiinc.org; NICA: www.nicaindustry.com; ICC: www.iccsafe.org		FL/-/4/-/-/R/-	TC LL	20.0 PSF	REF R487-- 70014
				TC DL	10.0 PSF	DATE 05/24/11
				BC DL	10.0 PSF	DRW HCUSR487 11144055
				BC LL	0.0 PSF	HC-ENG DF/DF
				TOT.LD.	40.0 PSF	SEQN- 204271
		DUR.FAC.	1.25			
		SPACING	24.0"			
					JREF- 1UC7487_Z01	

(11-111--Fill in later ERKINGER BUILDERS/FEKO --, ** - H96)

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

Roof overhang supports 2.00 psf soffit load.

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

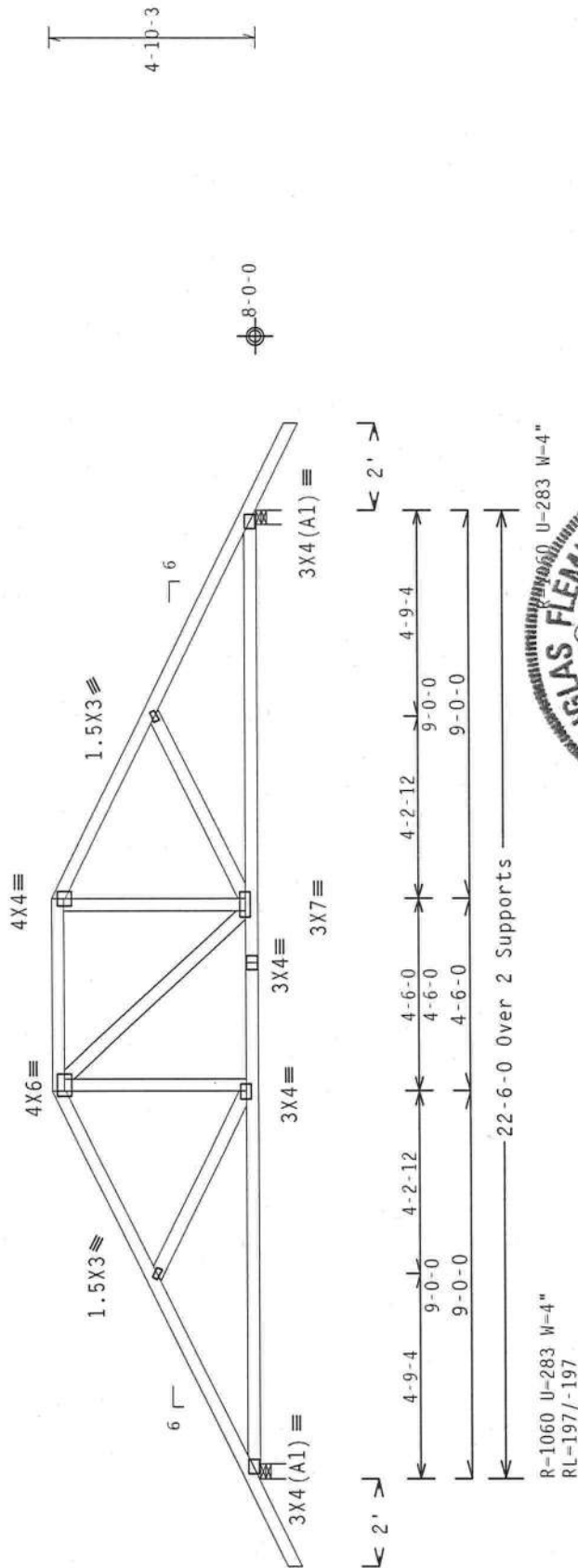
MMFRS loads based on trusses located at least 7.50 ft. from roof edge.

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 C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=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.



Design Crit: FBC2007Res/TPI-2002 (STD)

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

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 BCSI (Building Component Safety Information, by TPI and WCA) for practices prior to performing these functions. Installers shall provide temporary bracing per BCSI unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

IITW Building Components Group Inc. (IITWBCG) shall not be responsible for any deviation from this design for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, bracing or covering of trusses. Apply plates to each face of top chord and bottom chord in accordance with the 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 job's general notes page: IITW-BCG: www.iitwbcg.com; TPI: www.tpiinst.org; WCA: www.sbcindustry.com; ICC: www.iccsafe.org

ALPINE

IITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

FL / - / 4 / - / - / R / -	Scale = .25" / Ft.
TC LL 20.0 PSF	REF R487 - 70015
TC DL 10.0 PSF	DATE 05/24/11
BC DL 10.0 PSF	DRW HCUSR487 11144026
BC LL 0.0 PSF	HC-ENG DF/DF *
TOT.LD. 40.0 PSF	SEQN- 204278
DUR.FAC. 1.25	
SPACING 24.0"	JREF- 1UC7487_Z01

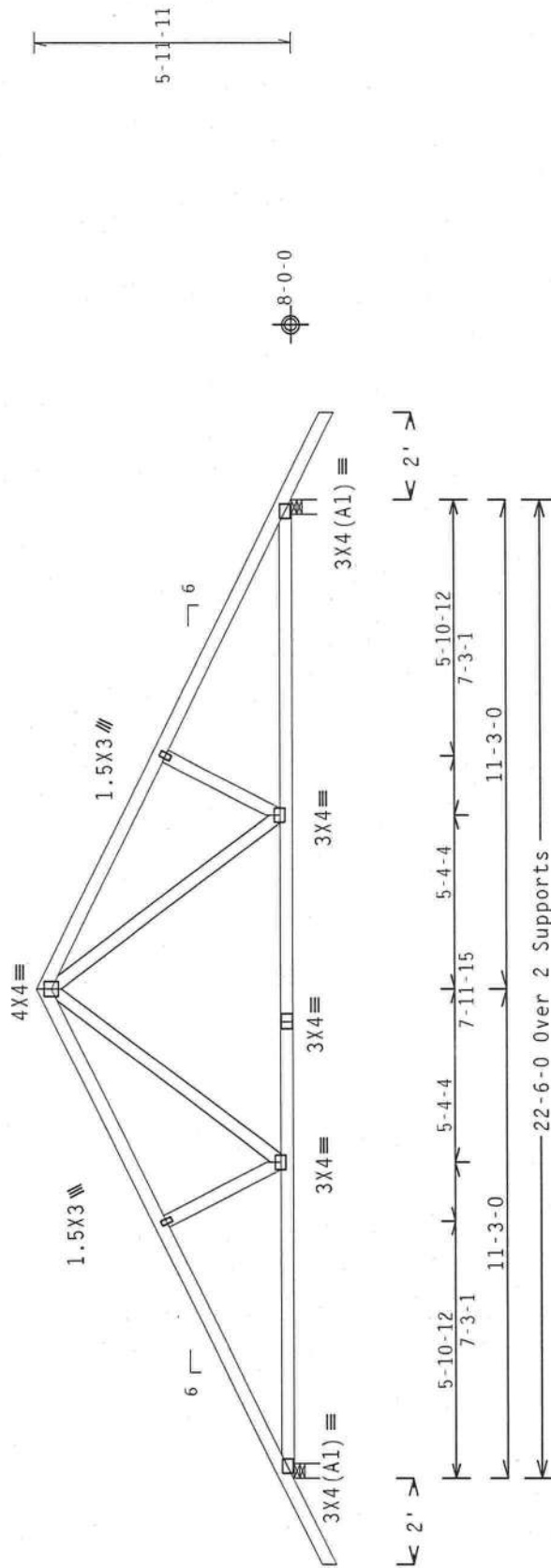
Top chord	2x4	SP #2	Dense
Bot chord	2x4	SP #2	Dense
Webbs	2x4	SP #3	

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CL0SED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

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=1060 U=84 W=4"
RL=231/-231

Design Crit: FBC2007Res/TPI-2002 (STD)

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

Scale = .25"/Ft.

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

10

3.0319/17

9.00

$$1.7007 \times 10^{-4} / 0.001$$
 $100/\text{RT}=10\%$ (0%)

100 FT

Design

Wave

PLT TYPE

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

FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Bidders require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BECI (Building Component Safety Information, by TPI and BICA) for design practices prior to performing these functions. Installers shall provide temporary bracing per manufacturer's notes otherwise, no third shall have properly attached structural sheathing and bottom chord shall have proper lateral bracing. The following are the laterally braced sections of the roof system as installed per BECI sections 83-89 R10, as applicable.

The Building Components Group, Inc. (BICG) shall not be responsible for any deviation from the design of the building components shown on the drawings. BICG shall be responsible for the manufacturing, packaging of trusses, apply plates to each face of truss and position as shown above and on the Joint Detail. BICG shall be responsible for the design of the trusses, including the design of the end plates, gusset plates, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or cover page listing this drafting, 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. For more information, contact: This job's designer, BICG, 1555490, or BICG, 1555490. Web: www.bicg.com, info@bicg.com, www.bicgusa.com

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100

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Group Inc.

Group Inc.

1110 mph wind. 15.00 ft mean hgt. ASCE 7-05, CL0SED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCp1(+/-)=0.18

Wind reactions based on MWFRS pressures.

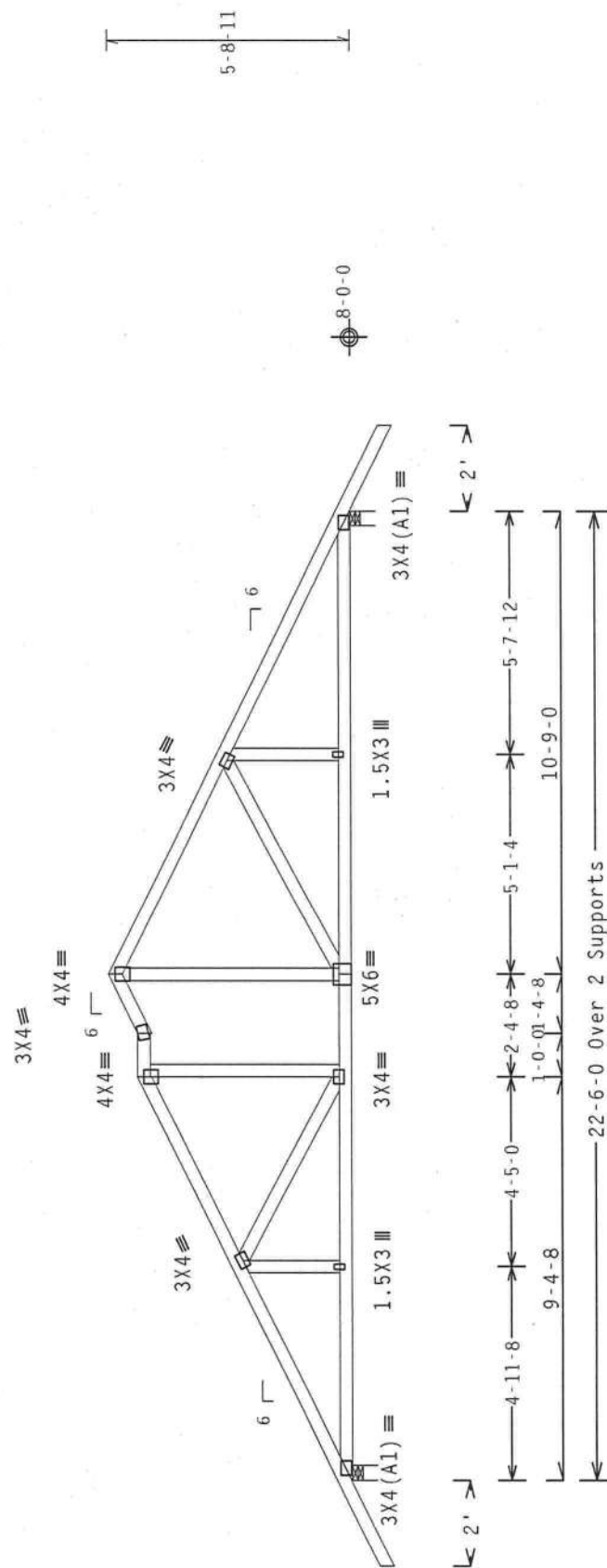
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Roof overhang supports 2.00 psf soffit load.

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

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



R=1060 U=94 W=4"
RL=223/-223

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

Scale = .25"/Ft.

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

10

3-0319-17

0.050

(0) 0/ (

0/Res/IP1
T=10% (0%)

FT/R

sign cri

De

VP Have

Pl T T'

[illegible]

(11-111--Fill in later ERKINGER BUILDERS/FEKO -- , ** - G2)

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

Roof overhang supports 2.00 psf soffit load.

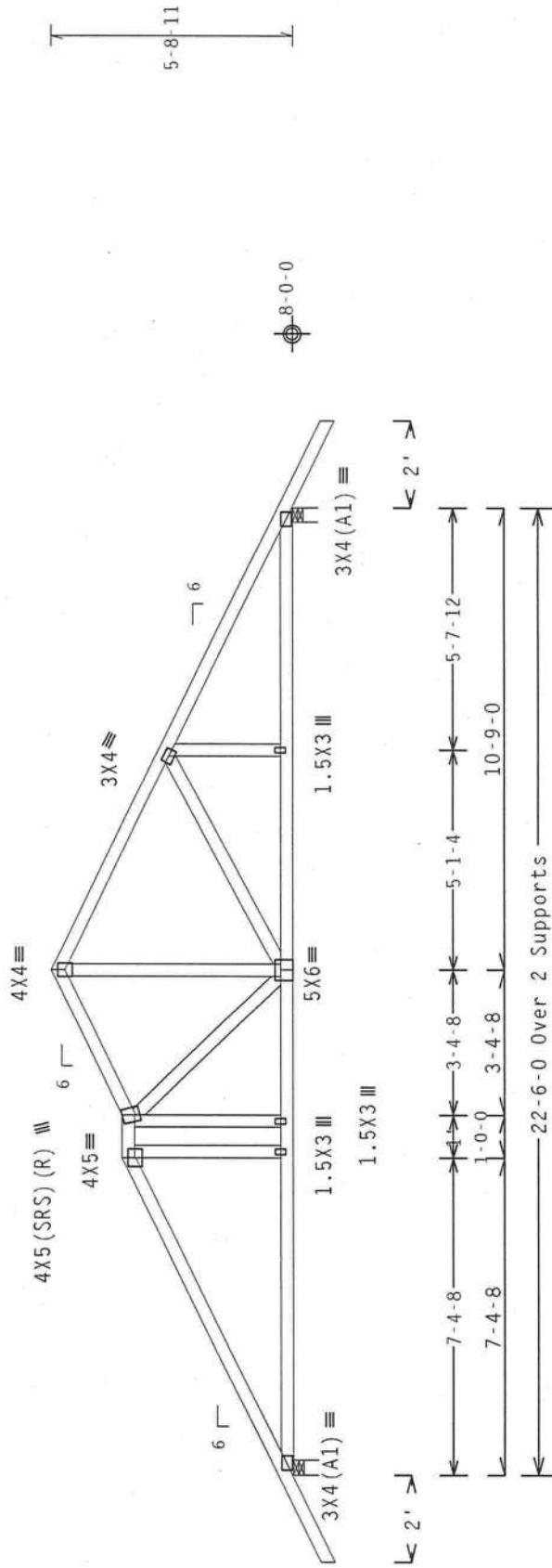
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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=1060 U=95 W=4
RL=223/-223

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

PLT TYP. Wave

Scale = .25"/Ft.

 ALPINE nTW 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 COMPACTORS INCLUDING INSTALLERS.					No. 66848		REF R487 -- 70019
	IMPORTANT Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the following details of BCSI (Building Component Safety Information, by IPT and NICA) for best 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 in webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.					TC LL 20.0 PSF		DATE 05/24/11
	nTW Building Components Group Inc. (nTWBCG) 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 Detail. Details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A seal on drawing or cover page listing this drawing, the name of the drafter, the date of the drawing and the responsibility of the building designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page; nTW-BCG: www.1nwbcg.com ; IPT: www.tpinet.org ; NICA: www.shcindustry.com ; ICC: www.iccsafe.org					TC DL 10.0 PSF		DRW HCUSR487 11144030
						BC DL 10.0 PSF		HC-ENG DF/DF *
						BC LL 0.0 PSF		SEQN- 204342
					TOT.LD. 40.0 PSF			
					DUR.FAC. 1.25		JREF- 1UC7487_Z01	
					SPACING 24.0"			

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 C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpf (+/-)=0.18

Wind reactions based on MWFRS pressures.

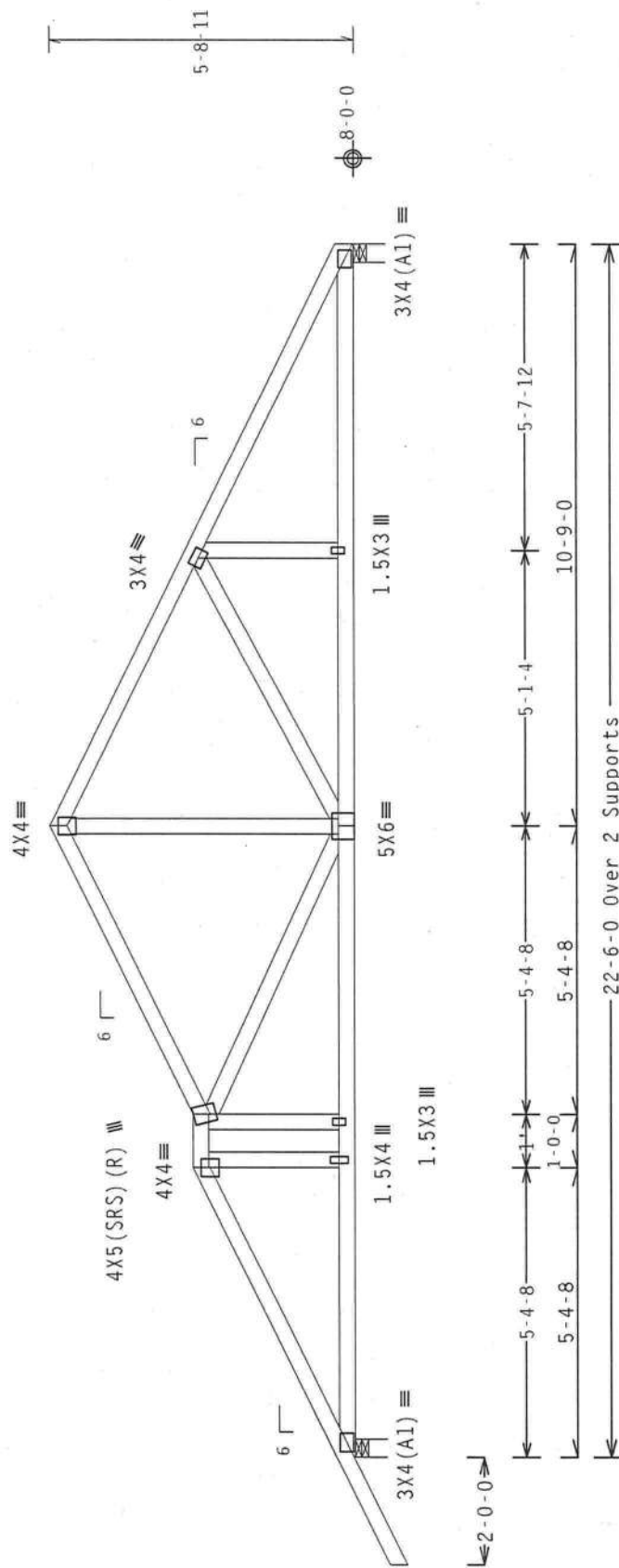
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Roof overhang supports 2.00 psf soffit load.

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

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



R=920 U=62 W=4"

R=1067 U=88 W=4"
RL=185/-200

Design Crit: FBC2007Res/TPI-2002(STD)

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

FL/-/4/-/-/R/-/
Scale = .3125"/Ft.

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

Trussco's extreme care in fabricating, handling, shipping, installing and bracing. Reliance on the latest edition of BCSP (Building Component Safety Information, by IPI and HICA) for design practices prior to performing these functions. Installers shall provide temporary bracing per BCSP. Trussco shall provide proper bracing and proper attachment of rafter ceiling. Locations shown on drawings shall have bracing installed per BCSP sections B33, B7 or B10, as applicable.

IPI Building Components Group Inc. (IIBC06) shall not be responsible for any deviation from this drawing or building component listing unless specifically noted otherwise. IBCG will not accept responsibility for errors or omissions made by others who apply these drawings as shown above and on the joining details. Please note other references to drawings 160A-2 for standard plate positions. A seal on the drawing or cover page listing this drafting 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 1 Sec.2. For more information see: This Job's IBCD; www.ipeco.com; IPI; hndsp@ipco.org; IBCG; www.ipcogroup.com

PLT TYP. Wave

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

www.w5/24/2011

the responsibility of the building designer per ANSI/IFP 1 Sec.2. For more information see:
general notes page: ILM-BCG: www.ilmbcg.com; IPI: www.tpinst.org; NICA: www.sbcindustry.com;

James City, FL 338
FL COA #0 278

(11-111--fill in later ERKINGER BUILDERS/FEKO -- , ** - GG)

Top chord 2x4 SP #2 Dense

Bot chord 2x6 SP SS

Web 2x4 SP #3 :W7 2x4 SP #2 Dense:

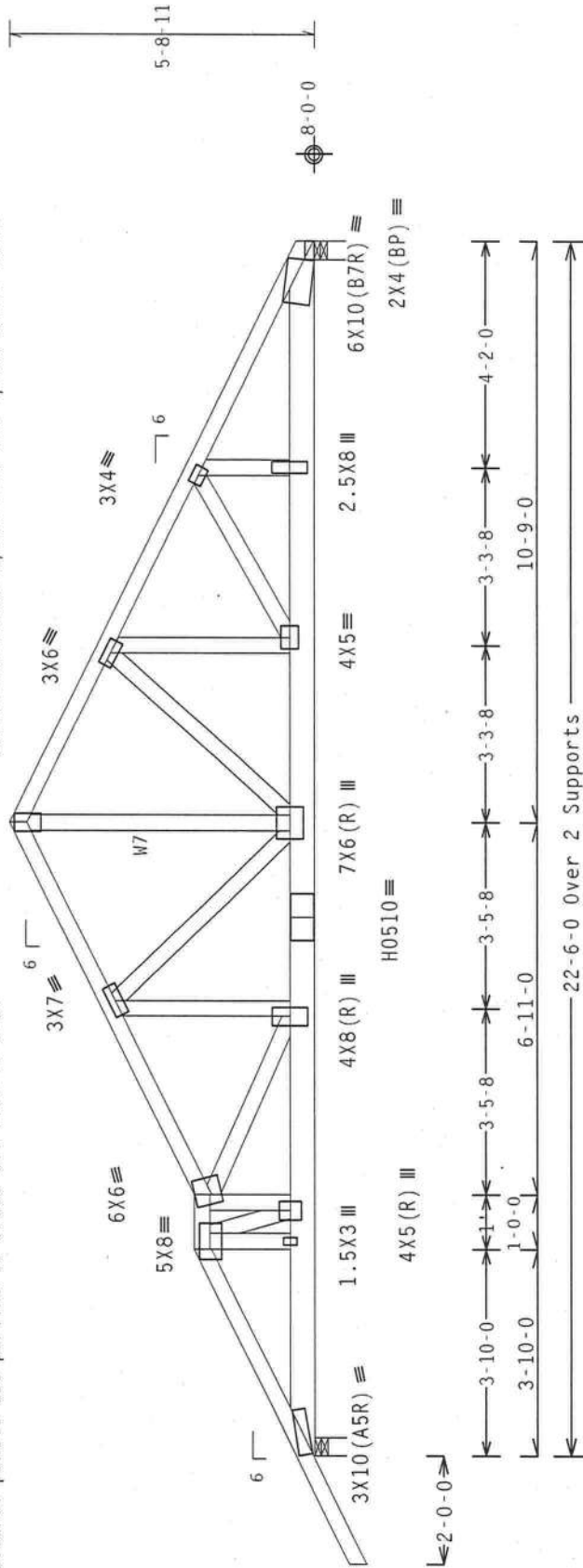
Special loads

-----Lumber-----
Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 62 plf at -2.00 to 62 plf at 0.00
TC- From 62 plf at 0.00 to 62 plf at 3.83
TC- From 62 plf at 3.83 to 62 plf at 4.83
TC- From 62 plf at 4.83 to 62 plf at 11.75
TC- From 62 plf at 11.75 to 62 plf at 22.50
BC- From 4 plf at -2.00 to 4 plf at 0.00
BC- From 20 plf at 0.00 to 20 plf at 8.06
BC- From 10 plf at 8.06 to 10 plf at 22.50
BC- 2514.05 lb Conc. Load at 8.06
BC- 1046.67 lb Conc. Load at 10.06
BC- 1082.73 lb Conc. Load at 12.06, 14.06, 16.06, 18.06
20.06, 22.06

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

4X6 (R) Roof overhang supports 2.00 psf soffit load.

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



R-4766 U=1201 W=4"

R-7133 U=1261 W=4"

PLT TYP. 20 Gauge HS,Wave

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

FL/-4/-/-/R/- Scale = .3125"/Ft.

ALPINE rTW 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 fabrication and erection instructions for BCS1 Building Components Group Inc. for all details and practices prior to performing these functions. Installers shall provide temporary bracing per BCS1 notes 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 shall have bracing installed per BCS1 sections B3, B7 or B10, as applicable. rTW Building Components Group Inc. (rTWBCG) shall not be responsible for any deviation from this any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installing bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint Details, unless noted otherwise. Refer to drawings 1606-2 for standard plate positions. A seal on the drawing cover page listing this drawing. Indicates acceptance of professional engineering structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This job's general notes page; rTWBCG: www.rtwbcg.com; TPI: www.tpi.org; NICA: www.nicaindustry.com; ICC: www.iccsafe.org	
PLT TYP. 20 Gauge HS,Wave		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-- 70021	
		DATE 05/24/11	
		DRW HCUSR487 11144056	
		HC-ENG DF/DF	
		SEQN- 204677	
		JREF- 1UC7487_Z01	

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

Roof overhang supports 2.00 psf soffit load.

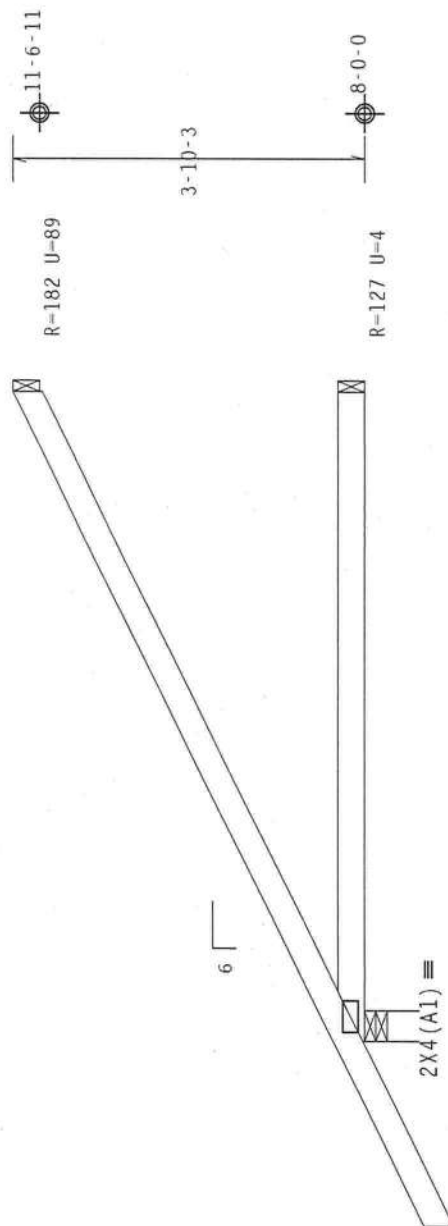
Bottom chord checked for 10.00 psf non-concurrent live load.

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 C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpt(+/-)=0.18

Wind reactions based on MWFRS pressures.

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



2-0-0

7-0-0 Over 3 Supports

R=450 U=97 W=4"
RL=153/-65

Design Crit: FBC2007Res/TPI-2002(STD).

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

Scale = .5"/Ft.

TC LL	20.0	PSF	REF R487-- 70022
TC DL	10.0	PSF	DATE 05/24/11
BC DL	10.0	PSF	DRW HCUR487 11144057
BC LL	0.0	PSF	HC-ENG DF/DF
TOT.LD.	40.0	PSF	SEQN- 204751
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1UC7487 Z01

No. 66648

STATE OF FLORIDA
PROFESSIONAL ENGINEER

03/24/2011

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

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Manufacturer's instructions must be followed at all times. Trussing practices prior to performing these functions. Installers shall provide temporary bracing per drawings and specifications. No chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rafter ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCIS sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (IBBGCS) shall not be responsible for any deviation from the manufacturer's failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or erecting of trusses. Apply plates to each face of truss and position as shown above and on the Joist Connection Details. Refer to drawings 1609-1 for standard plate positions. A seal membrane or cover plate 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 engineer and building designer. For more information see: www.ibbgcs.com; TPI contact: tpi@ibbgcs.com; IBCA contact: ibca@ibbgcs.com.



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

(11-111--Fill in later ERKINGER BUILDERS/FEKO -- , ** - CJ5)

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 C, 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.

Top chord 2x4 SP #2 Dense

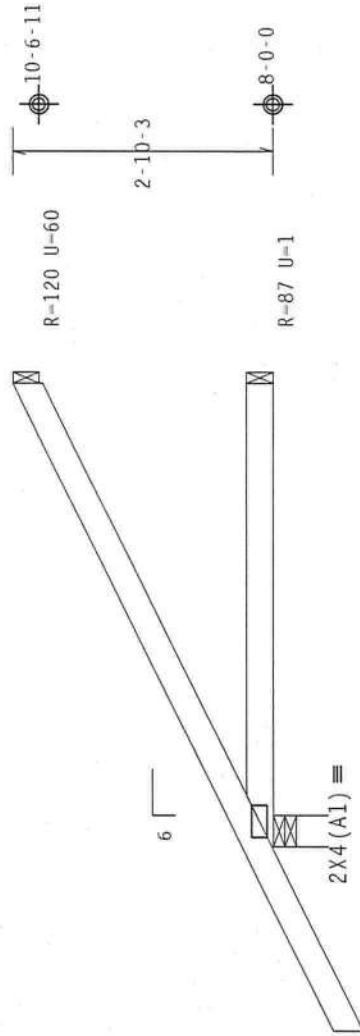
Bot chord 2x4 SP #2 Dense

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.

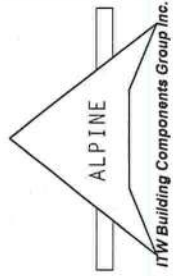


2-0-0
5-0-0 Over 3 Supports
R=377 U=89 W=4"
RL=119/-57

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

PLT TYP. Wave

Scale = .5" / Ft.

 Haines City, FL 33844 FL COA #0 278	No. 66648			9.06	03.0319.17	OTY 10	FL/-4/-/-R/-	20.0 PSF	REF R487-- 70023
	No. 66648			9.06	03.0319.17	OTY 10	FL/-4/-/-R/-	10.0 PSF	DATE 05/24/11
	No. 66648			9.06	03.0319.17	OTY 10	FL/-4/-/-R/-	10.0 PSF	DRW HCUSR487 11144058
	No. 66648			9.06	03.0319.17	OTY 10	FL/-4/-/-R/-	0.0 PSF	HC-ENG DF/DF
	No. 66648			9.06	03.0319.17	OTY 10	FL/-4/-/-R/-	40.0 PSF	SEQN- 204159
	No. 66648			9.06	03.0319.17	OTY 10	FL/-4/-/-R/-	1.25	JREF- 1UC7487_Z01

(11-111--Fill in later ERKINGER BUILDERS/FEKO -- ** - CJ3)

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

Wind reactions based on MWFRS pressures.

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

Top chord 2x4 SP #2 Dense

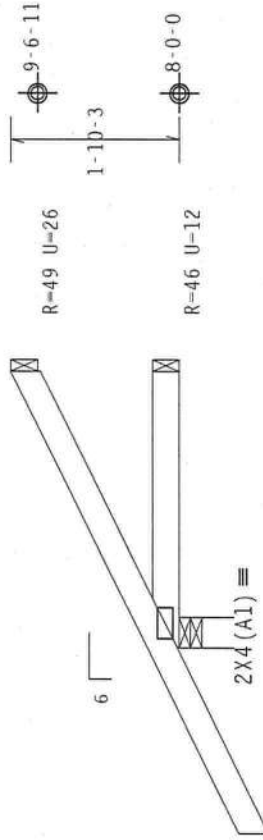
Bot chord 2x4 SP #2 Dense

Roof overhang supports 2.00 psf soffit load.

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

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

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



R-317 U-86 W-4"

RL-85/-49

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

PLT TYP. Wave

Scale = .5" / Ft.

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

TC LL

TC DL

BC DL

BC LL

TOT.LD.

DUR.FAC.

SPACING

20.0 PSF

10.0 PSF

10.0 PSF

0.0 PSF

40.0 PSF

1.25

24.0"

REF R487 -- 70024

DATE 05/24/11

DRW HCUSR487 11144032

HC-ENG DF/DF

SEQN- 204224

JREF- 1UC7487_Z01

DOUGLAS FLEMING
LICENSE
No. 66848
STATE OF FLORIDA
PROFESSIONAL ENGINEER
05/24/2011

ALPINE

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

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

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

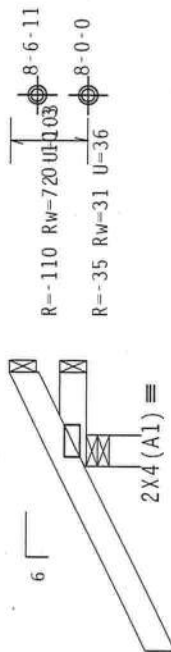
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installing, bracing of trusses. Apply plates to each face of truss and position as shown above and on the Jointed details, unless noted otherwise. Refer to drawings 1006-2 for standard plate positions. A seal on the bottom chord of the truss shall be provided. The seal shall be placed on the bottom chord of the truss. The responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: IIN-800: www.itwbcg.com; TPI: www.tpinet.org; NACA: www.sbcindustry.com; ICC: www.iccsafe.org

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ 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.


$$\begin{array}{c} \leftarrow 2-0-0 \rightarrow \\ 1-0-0 \text{ over } 3 \text{ Supports} \end{array}$$

R=361 U=151 W=4"
RL=50/-42

PLT_TYP Wave

Design Crit: FBC2007Res/TPI-2002 (STD)

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 applicable design drawings for details. The latest edition of BGSI Building Company's "Steel Joist Truss Installation Manual" shall govern unless otherwise noted. Installers shall protect structural steel members from damage prior to performing these functions. Trusses shall have a properly attached structural sheathing and bottom chord shall have bracing installed per BGSI sections B3, B7 or B10, as applicable.

ALPINE

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

Haines City, FL 33844
FL COA #0278

general notes page; III-800: www.itubcy.com; TPI: www.tpinet.org; HICA: www.sbcindustry.com; CC: www.iccsafe.org

05/24/2011

SPACING 24 0"

REF- 111C7487 701

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

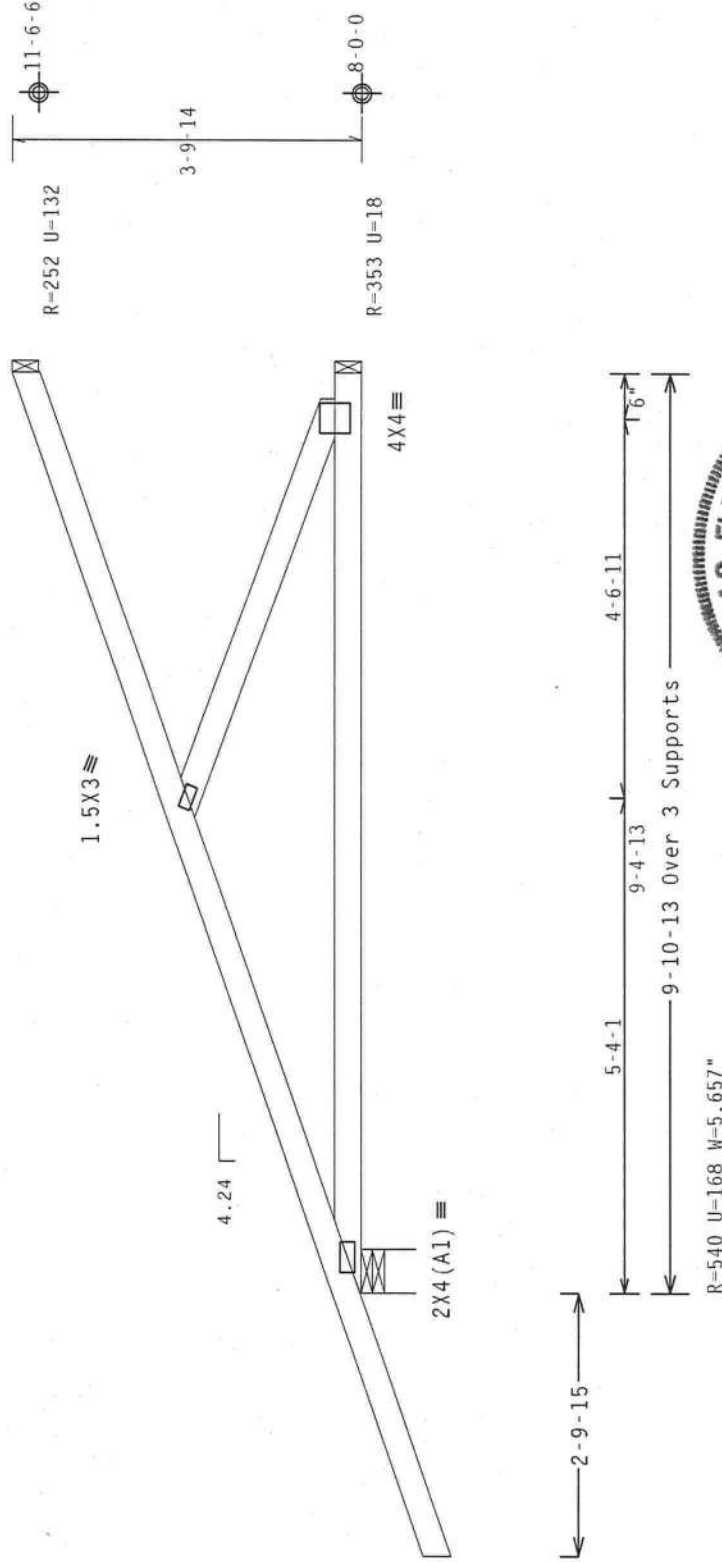
Hipjack supports 7'-0" setback jacks with no webs.

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 C, wind TC DL-5.0 psf, wind BC DL-5.0 psf. Iw=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 { 3 } 16d common nails(0.162"x3.5"); toe nailed at Bot chord.



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

PLT TYP. Wave

Scale = .5"/Ft.

REF R487-- 70026

DATE 05/24/11

DRW HCURS487 11144060

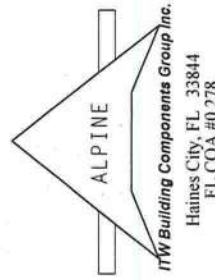
HC-ENG DF/DF

SEQN- 204754

JREF- 1UC7487_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. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and NICA) for best practices prior to performing these functions. Installers shall provide temporary bracing per 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 restraint 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, bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint. The responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: ITW-BCG.com; TPI: www.tpinet.org; NICA: www.bciindustry.com; ICC: www.iccsafe.org

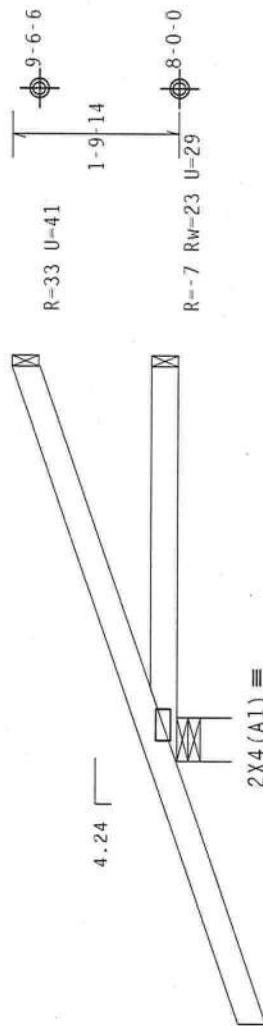


THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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



2-9-15
4-2-15 Over 3 Supports

R=319 U=237 W=5.657"

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

PLT TYP. Wave

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

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

Scale = .5"/ft.

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the instructions in the latest edition of GCSP (Building Permanent Steel) and the relevant provisions of the AISC Specification for Structural Steel Buildings. Installers shall properly brace the trusses in accordance with the provisions of the AISC Specification for Structural Steel Buildings. Unless noted otherwise, all chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Chords shown for permanent lateral restraint of web shall have bracing installed per S1 sections B3, B4 or B10, as applicable.

THE Building Components Group Inc. (BICOG) shall not be responsible for any variation from the design shown on drawings, or any failure to build the truss in conformance with ANSI/P1-1, or for handling, shipping, installation, or any packing of trusses. Applied plates to each face of truss and position as shown and on the job must be installed in accordance with the details shown on drawings. The manufacturer shall be responsible for the details, unless noted otherwise. Refer to drawings 1600-2 for standard plate positions. A seal of the manufacturer or cover plate 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/P1-1 Sec.2. For more information see: www.bicog.com. Notes page: 110-B60; www.bicog.com; P1: www.p1inc.org; WILA: www.wilaindust.com; www.sbcindust.com.

ALPINE

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

Haines City, FL 33844

FL COA #0 278

05/24/2011

SPACING 24.0"

JREF- 1UC7487 Z01

(11-111--Fill in later ERKINGER BUILDERS/FEKO --, *A - J1)

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.

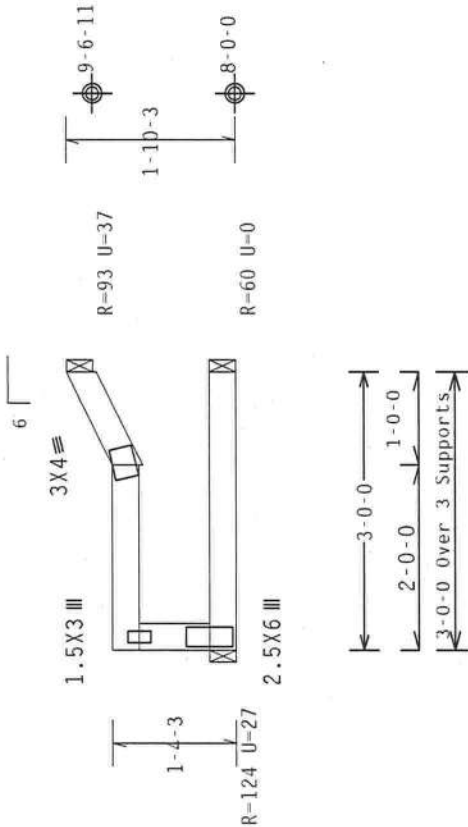
Deflection meets L/240 live and L/180 total load.

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



PLT TYP. Wave

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

Scale = .5"/Ft.

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

TY: 9.05.03.0319.17

REF R487-- 70028

DATE 05/24/11

DRW HCUSR487 11144062

HC-ENG DF/DF

SEQN- 204181

JREF- 1UC7487_Z01

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER
05/24/2011

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.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI Building Component Safety Information, by IPI and NICA for best practices prior to performing these functions. Installers shall provide temporary bracing per details, 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 truss 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 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 Joint Details, unless noted otherwise. Refer to drawings 1000-2 for standard plate positions. A seal on the drawings above page is required for the design shown. The availability 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; IIN-B09; www.itwbcg.com; TPI: www.tpinet.org; NICA: www.sectra.org

(11-111--F111 in later ERKINGER BUILDERS/FEKO --, ** - J2)

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

Left end vertical not exposed to wind pressure.

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

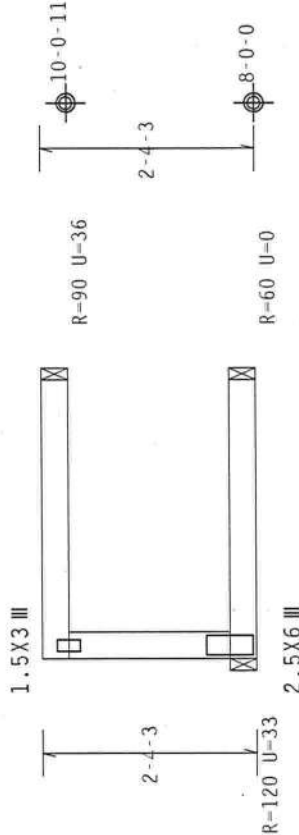
Truss must be installed as shown with top chord up.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=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 1/2" over 3 supports

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

PLT TYP. Wave

Scale = .5" / Ft.

FL/-4/-/-R/-

TY: 9.05.03.0319.03

REF R487-- 70029

DATE 05/24/11

DRW HCUSR487 11144033

HC-ENG DF/DF

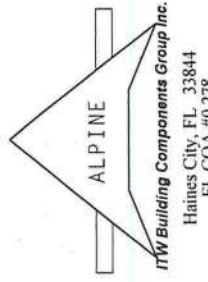
SEQN- 204187

JREF- 1UC7487_Z01

HARVEST 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 following 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 trusses 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 for 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 Joint Details, unless noted otherwise. Refer to drawings 1000-2 for standard plate sizes and engineering 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: This Job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NICA: www.nicaindstry.com; ICC: www.iccsafe.org



(11-111--Fill) in later ERKINGER BUILDERS/FEKO --, ** - J3)

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

Left end vertical 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.

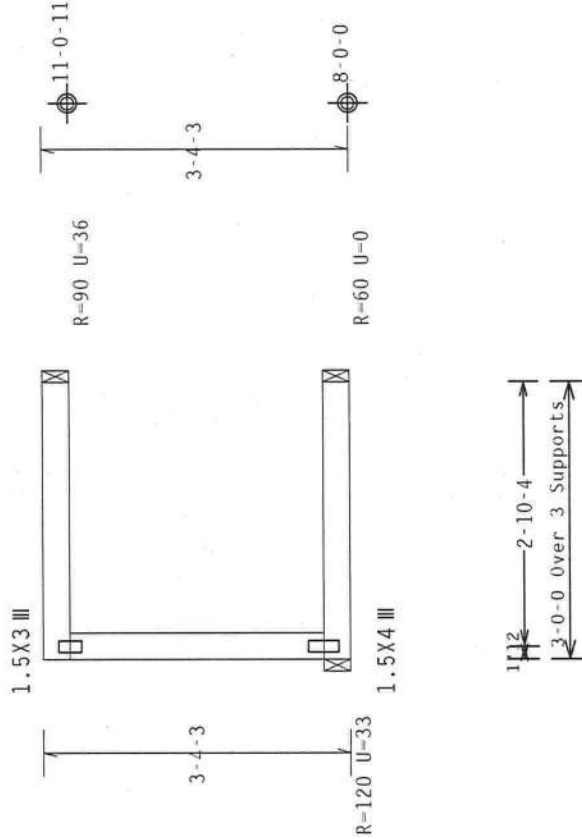
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 Gcp1(+/-)=0.18

Wind reactions based on MWFRS pressures.

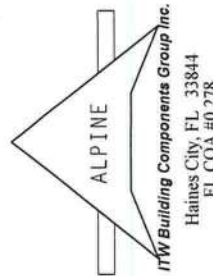
Deflection meets L/240 live and L/180 total load.

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



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

PLT TYP. Wave



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL COMPACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the following notes and drawings for details. Installation information, by TPI and NACA for use by installers, is provided for reference only. It is the responsibility of the installer to provide temporary bracing per local code requirements. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of trusses shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
TPI Building Components Group Inc. (TPI/BCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation or bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This job's general notes page: 11N-BG0: www.tpiinc.com; TPI: www.tpinet.org; NACA: www.structural.com; ICC: www.iccsafe.org



FL/-/4/-/-/R/-	Scale = .5"/Ft.
TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"
REF	R487-- 70030
DATE	05/24/11
DRW	HCUSR487 11144034
HC-ENG	DF/DF
SEQN	204193
JREF	1UC7487_Z01

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

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 C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

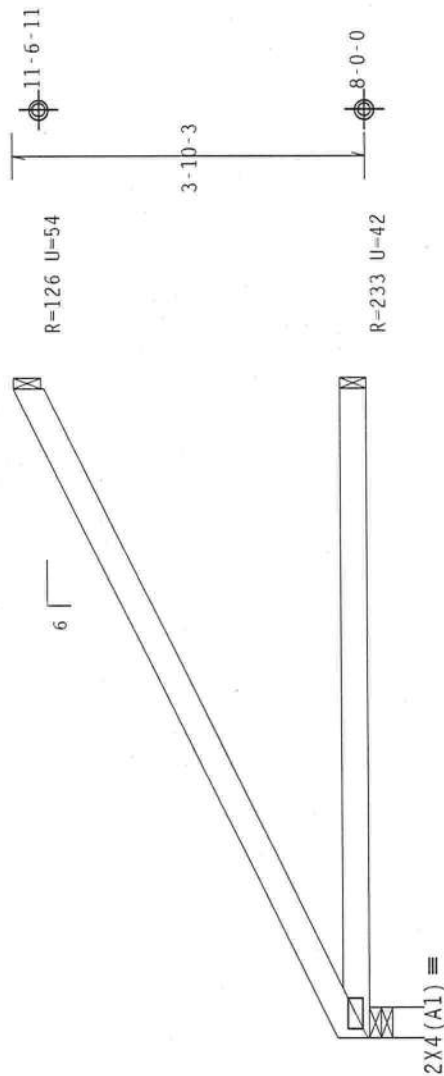
Wind reactions based on MWFRS pressures.

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

Special loads

	Dur.	Fac.	-1.25	/	Plate	Dur.	Fac.	-1.25
TC-From	62	plf	at	0.00	to	62	plf	at 2.06
TC-From	31	plf	at	2.06	to	31	plf	at 7.00
BC-From	20	plf	at	0.00	to	20	plf	at 2.06
BC-From	10	plf	at	2.06	to	10	plf	at 7.00
BC-123.54	1b	Conc.	Load	at		2.06		
BC-120.00	1b	Conc.	Load	at		4.06		6.06

(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.
Provide



7-0-0 Over 3 Supports

R=378 U=98 W=4"

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

PLT TYP. Wave

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

Scale = .5"/Ft.

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

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Consider the latest edition of BCSI's Building Component Safety Information, for further bracing information and details on performing these functions. For a complete list of BCSI's most commonly used products, see the attached Structural Sheeting and Decking Catalog. This catalog is also available on microfiche. Locations shown for permanent lateral restraint of webs will have bracing installed per BCSI sections 83, 82 or B10, as applicable.

[illegible]

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278

05/24/2011

SPACING 24.0"

REF- 1UC7487_Z01

(11-111--Fill in later ERKINGER BUILDERS/FEKO --, ** - EJS)

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

Roof overhang supports 2.00 psf soffit load.

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

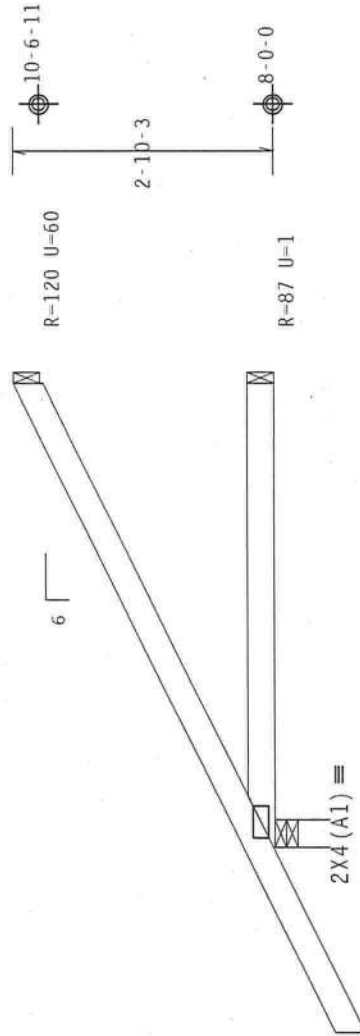
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

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



2-0-0
5-0-0 Over 3 Supports
R=377 U=89 W=3.5"
RL=119/-57

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

PLT TYP. Wave

Scale = 5"/Ft.



ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	**IMPORTANT**		**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET! FURNISH THIS DESIGN TO ALL COMPACTORS INCLUDING INSTALLERS.		No. 66648		TC LL	20.0	PSF	REF	R487 - 70033	
	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the following notes for details on proper installation and bracing. All bracing must be installed prior to performing these functions. Installers shall provide temporary bracing per the notes unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.						★	TC DL	10.0	PSF	DATE	05/24/11
	ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design. Any failure to build the truss in conformance with 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 of trusses. Refer to drawings 160A-2 for standard plate positions. A seal on the bottom chord of trusses, unless noted otherwise, indicates acceptance of professional engineering structure and the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This job's general notes page; ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NICA: www.nicaindustries.com; ICC: www.iccsafe.org						★	BC DL	10.0	PSF	DRW	HCSR487 11144065
							STATE OF	BC LL	0.0	PSF	HC-ENG	DF/DF
							FLORIDA	TOT.LD.	40.0	PSF	SEQN-	204348
							PROFESSIONAL ENGINEER	DUR.FAC.	1.25			
								SPACING	24.0"		JREF -	1UC7487_Z01

Top	chord	2x4	SP	#2	Dense
Rot	chord	2x4	SP	#2	Dense

1110 mph wind, 15.00 ft mean ht, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

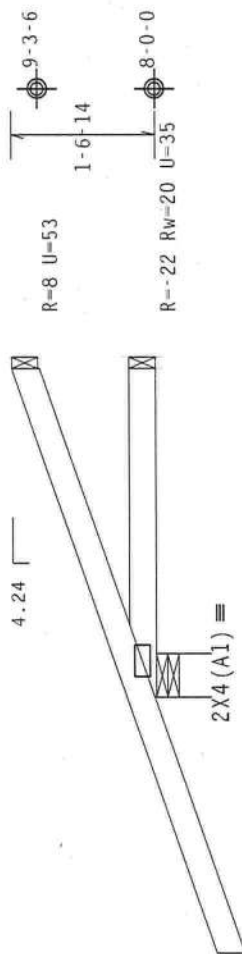
Deflection meets L/240 live and L/180 total load.

Special loads

Species	Sex	Age	Weight (g)	Length (mm)	Wing (mm)	Tail (mm)	Bill (mm)	Foot (mm)	Middle toe (mm)	Claw (mm)	Sexual load
TC	Male	Adult	100	180	100	100	10	10	10	10	0
TC	Female	Adult	100	180	100	100	10	10	10	10	0
TC	Male	Adult	100	180	100	100	10	10	10	10	0
TC	Female	Adult	100	180	100	100	10	10	10	10	0
TC	Male	Adult	100	180	100	100	10	10	10	10	0
TC	Female	Adult	100	180	100	100	10	10	10	10	0
TC	Male	Adult	100	180	100	100	10	10	10	10	0
TC	Female	Adult	100	180	100	100	10	10	10	10	0
TC	Male	Adult	100	180	100	100	10	10	10	10	0
TC	Female	Adult	100	180	100	100	10	10	10	10	0
TC	Male	Adult	100	180	100	100	10	10	10	10	0
TC	Female	Adult	100	180	100	100	10	10	10	10	0
TC	Male	Adult	100	180	100	100	10	10	10	10	0
TC	Female	Adult	100	180	100	100	10	10	10	10	0
TC	Male	Adult	100	180	100	100	10	10	10	10	0
TC	Female	Adult	100	180	100	100	10	10	10	10	0
TC	Male	Adult	100	180	100	100	10	10	10	10	0
TC	Female	Adult	100	180	100	100	10	10	10	10	0
TC	Male	Adult	100	180	100	100	10	10	10	10	0
TC	Female	Adult	100	180	100	100	10	10	10	10	0
TC	Male	Adult	100	180	100	100	10	10	10	10	0
TC	Female	Adult	100	180	100	100	10	10	10	10	0
TC	Male	Adult	100	180	100	100	10	10	10	10	0
TC	Female	Adult	100	180	100	100	10	10	10	10	0
TC	Male	Adult	100	180	100	100	10	10	10	10	0
TC	Female	Adult	100	180	100	100	10	10	10	10	0
TC	Male	Adult	100	180	100	100	10	10	10	10	0
TC	Female	Adult	100	180	100	100	10	10	10	10	0
TC	Male	Adult	100	180	100	100	10	10	10	10	0
TC	Female	Adult	100	180	100	100	10	10	10	10	0
TC	Male	Adult	100	180	100	100	10	10	10	10	0
TC	Female	Adult	100	180	100	100	10	10	10	10	0
TC	Male	Adult	100	180	100	100	10	10	10	10	0
TC	Female	Adult	100	180	100	100	10	10	10	10	0
TC	Male	Adult	100	180	100	100	10	10	10	10	0
TC	Female	Adult	100	180	100	100	10	10	10	10	0
TC	Male	Adult	100	180	100	100	10	10	10	10	0
TC	Female	Adult	100	180	100	100	10	10	10	10	0
TC	Male	Adult	100	180	100	1					

Hipjack supports 2-6-0 setback jacks with no webs.

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.



2-9-3
3-6-7 Over 3 Supports
R=279 I=220 W=5,657*

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

PLT TYP. Wave

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

Scale = .5" / Ft.

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL COMPACTORS 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 IPI and NICA) for best practices prior to performing these functions. Installers shall provide temporary bracing for the trusses. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached structural sheathing and bottom chord lateral restraint. Trusses shall have bracing installed per BCSI sections B2, 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 this design to meet the design and manufacturing tolerances. ITWBCG shall not be responsible for any failure to build this design to meet the design and manufacturing tolerances. ITWBCG shall not be responsible for any failure to build this design to meet the design and manufacturing tolerances.

REF R487 -- 70034

DATE 05/24/11

DRW HCUSR487 11144066

HC-ENG DF/DF

SEQN- 204236

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"

JREF- 1UC7487 Z01

No. 66648

STATE OF FLORIDA

PROFESSIONAL ENGINEER

05/24/2011

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

ITW Building Components Group Inc.

Haines City, FL 33844

(11-111--Fill) in later ERKINGER BUILDERS/FEKO --, ** - HJ2)

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

Roof overhang supports 2.00 psf soffit load.

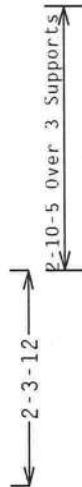
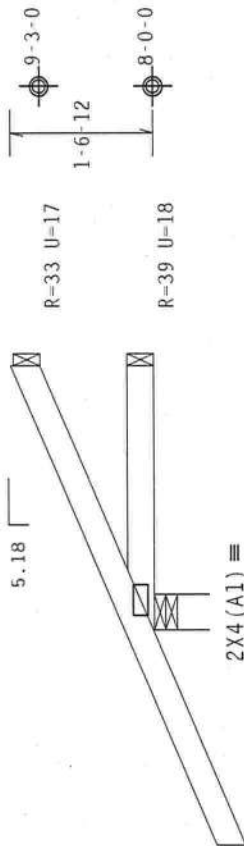
Bottom chord checked for 10.00 psf non-concurrent live load.

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 C, 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.

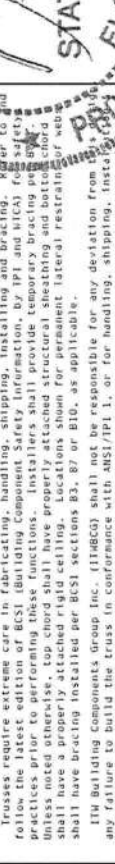


R-350 U=111 W-4.63"
RL-76/-42

Design Crit: FBC2007Res/TPI-2002 (STD)
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	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET. FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.		No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER 03/03/19.17 9.03/03/19.17		TC LL	20.0 PSF	REF R487--	70035
	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of the Building Components Group Inc. (ITW-BCG) truss design manual for details. When preparing drawings, installers shall provide temporary bracing per BCG.				TC DL	10.0 PSF	DATE	05/24/11
	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 web shall have bracing installed per BCG sections B3, B7 or B10, as applicable.				BC DL	10.0 PSF	DRW	HCUSR487 11144067
	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/IPL 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job Order. Details, unless noted otherwise, refer to drawings 100A-2 for standard plate positions, wiring seal and bracing cover plate details.				BC LL	0.0 PSF	HC-ENG	DF/DF
	For the design shown, the suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/IPL 1 Sec.2. For more information see: This Job's general notes page; ITW-BCG; www.itwbcg.com; IPL: www.iplinst.org; MICA: www.micasafe.org; ICC: www.iccsafe.org				TOT.LD.	40.0 PSF	SEQN	204243
					DUR.FAC.	1.25		
		SPACING			24.0"	JREF	1UC7487_Z01	

(11-111--Fill in later ERKINGER BUILDERS/FEKO -- ** - HJM)

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 C, wind TC DL-5.0 psf, wind BC DL-5.0 psf, Iw=1.00 GCpl (+/-)=0.18

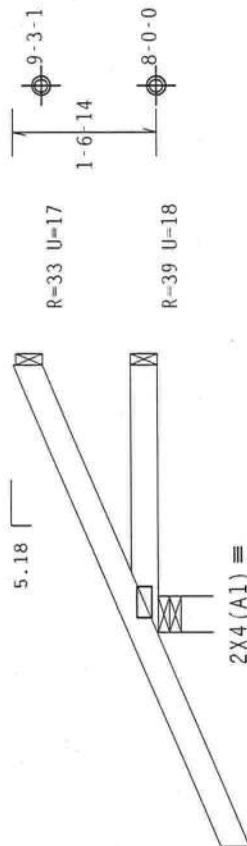
Roof overhang supports 2.00 psf soffit load.

Wind reactions based on 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.



2-3-12
2-10-7 Over 3 Supports

R=350 U-111 W-4.63"
RL=76/-42

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

Scale = .5"/Ft.

FL1-141-1-1R/-

REF R487-- 70036

DATE 05/24/11

DRW HCUR487 11144068

HC-ENG DF/DF

SF0N-	204250
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OUR FAC. 1.25

SPACING 24 0"

JREF- 1UC7487 701

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

[illegible][illegible]

PLT TYP. Wave

ALPINE

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

Haines Ctr. FL 33844

FL COA #0 278

(11-111--Fill) in later ERKINGER BUILDERS/FEKO --, ** - HSM)

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 C, wind TC DL=5.0 psf,
wind BC DL=5.0 psf, Iw=1.00 GCpf(+/-)-0.18

Wind reactions based on MWFRS pressures.

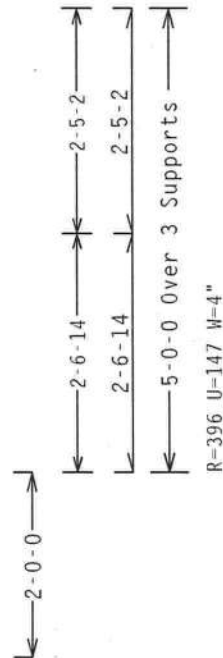
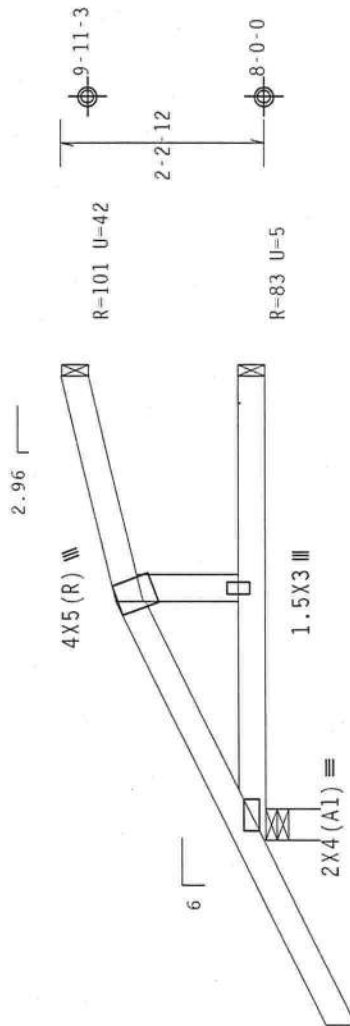
Deflection meets L/240 live and L/180 total load.

Special loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 62 plf at -2.00 to 62 plf at 2.57
TC- From 61 plf at 2.57 to 61 plf at 5.00
BC- From 4 plf at -2.00 to 4 plf at 0.00
BC- From 20 plf at 0.00 to 20 plf at 5.00
BC- 39.00 lb Conc. Load at 2.48

Roof overhang supports 2.00 psf soffit 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.



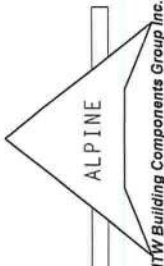
Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

Scale =.5"/Ft.

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

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"

 ALPINE iTW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	No. 66848 Douglas Fleming Professional Engineer State of Florida License No. 03,0319,17 9.06.03		REF R487-- 70037 DATE 05/24/11 DRW HCUSR487 11144069 HC-ENG DF/DF SEQN- 204257 JREF- 1UC7487_Z01
	No. 66848 Douglas Fleming Professional Engineer State of Florida License No. 03,0319,17 9.06.03		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"
	No. 66848 Douglas Fleming Professional Engineer State of Florida License No. 03,0319,17 9.06.03		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"
	No. 66848 Douglas Fleming Professional Engineer State of Florida License No. 03,0319,17 9.06.03		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"
	No. 66848 Douglas Fleming Professional Engineer State of Florida License No. 03,0319,17 9.06.03		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"

(11-111--fill) in later ERKINGER BUILDERS/FEKO --, ** - E37 A)

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

Roof overhang supports 2.00 psf soffit load.

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

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

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

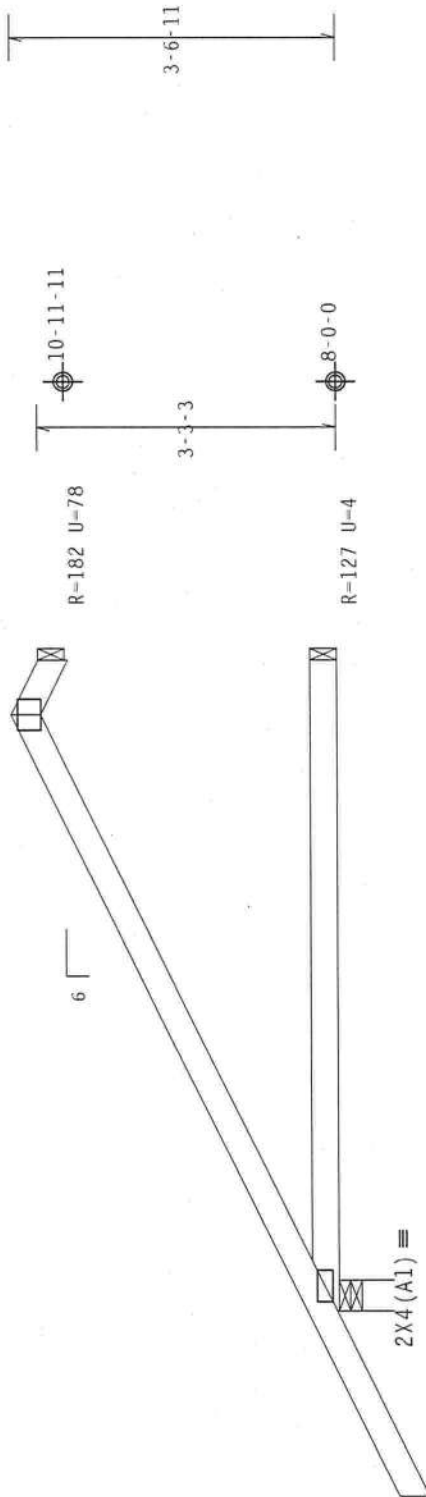
Wind reactions based on MWFRS pressures.

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

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.

3X4=

6



R-450 U-106 W-4"
RL-134/-68

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

PLT TYP. Wave

Scale =.5"/Ft.



****IMPORTANT****
FURNISH THIS DESIGN TO ALL COMPACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. He to follow the latest edition of BCSI Building Component Safety Information, by IPI and BCSI for practices prior to performing these functions. Installers shall include proper bracing and detailing and shall have properly attached rigid ceiling. Locations shown for permanent lateral restraint 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 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 Joint Details, unless noted otherwise. Refer to drawings 1600-2 for standard plate positions. A seal on drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The sealability and use of this design for any structure is the responsibility of the Building Designer. See ANSI/TPI Section 1.1 for details. This seal is the property of ITWBCG. www.itwbcg.com; TPI: www.tpinet.org; ITCA: www.itcasafe.org

TC LL	20.0 PSF	FL/- /4/- /- /R/-	REF R487-- 70038
TC DL	10.0 PSF		DATE 05/24/11
BC DL	10.0 PSF		DRW HCUSR487 11144070
BC LL	0.0 PSF		HC-ENG DF/DF
TOT.LD.	40.0 PSF		SEQN- 204368
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1UC7487_Z01

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 4.50 ft from roof edge, CAT II, EXP C, 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.

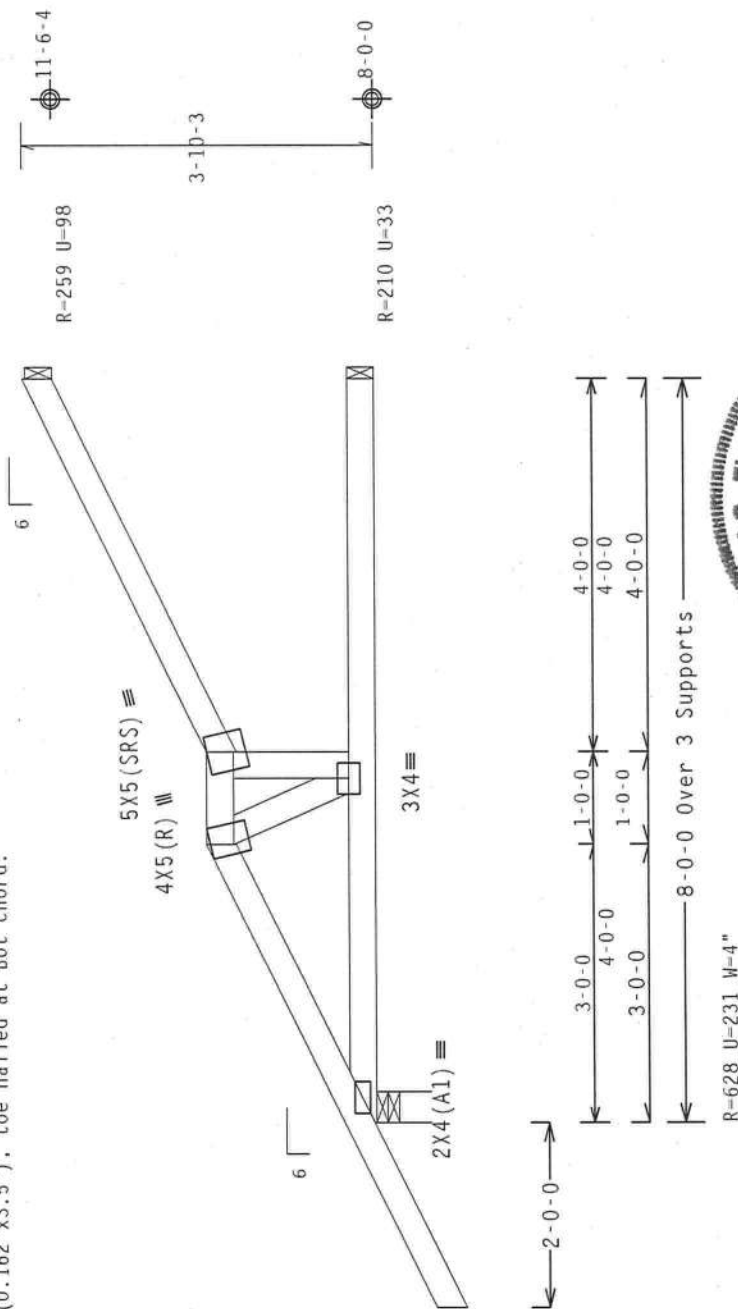
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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	Lumber	Dur.	Fac.	1.25	/	Plate	Dur.	Fac.
TC	From	62	plf	at	-2.00		62	plf
TC	From	62	plf	at	3.00		62	plf
TC	From	31	plf	at	4.00		31	plf
BC	From	4	plf	at	-2.00		4	plf
BC	From	20	plf	at	0.00		20	plf
BC	From	10	plf	at	3.05		10	plf
TC	125, 65	lb	Conc.	Load	at	3.05		
TC	90.00	lb	Conc.	Load	at	5.06		7.06
BC	53.11	lb	Conc.	Load	at	3.05		
BC	60.00	lb	Conc.	Load	at	5.06		7.06

Deflection meets 1/240 live and 1/180 total load.

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

PLT_TYP. Wave

Scale = .5"/Ft.

[illegible]

(11-111--Fill in later ERKINGER BUILDERS/FEKO --, ** - BPI)

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

110 mph wind, 19.35 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=2.0 psf, 1w=1.00 GCpl(+/-)-0.18

Wind reactions based on MWFRS pressures.

MWFRS loads based on trusses located at least 19.35 ft. from roof edge.

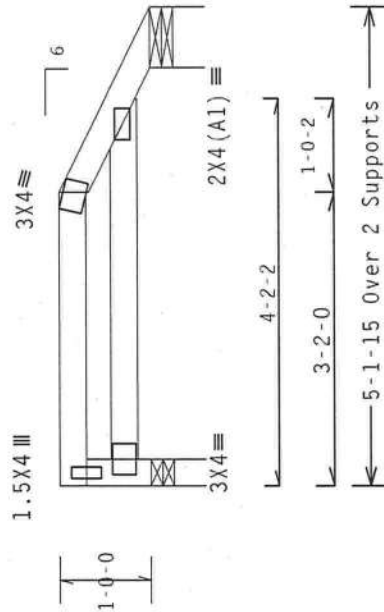
Refer to DWG PB1200310 for piggyback details.

Special loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 62 plf at 0.00 to 62 plf at 3.17
TC- From 62 plf at 3.17 to 62 plf at 5.16
BC- From 4 plf at 0.00 to 4 plf at 5.16

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.



R=155 U=86 W=3.5"
RL=-27

R=155 U=58 W=7.826"

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

PLT TYP. Wave

Scale = .5" / Ft.

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

QTY 1

TC LL	20.0 PSF	REF R487 - - 70040
TC DL	10.0 PSF	DATE 05/24/11
BC DL	10.0 PSF	DRW HCUSR487 11144072
BC LL	0.0 PSF	HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN - 204630
DUR.FAC.	1.25	
SPACING	24.0"	JREF - 1UC7487_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, B7-1 and B7-2) for details and practices prior to performing these tasks. Trusses shall be installed in accordance with the BCSI manual. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint. Webbs 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 Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering structure responsibility solely for the design shown. The suitability and use of this design for any other application is the responsibility of the user. This job's approval is not a recommendation of any product or company.
Notes: 1. ITW-BCG: www.itwbcg.com; TPI: www.tpiinst.org; NICA: www.nicaindustry.com; ICC: www.iccsafe.org

ALPINE

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



(11-111--Fill in later ERKINGER BUILDERS/FEKO --- ** - BP)

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

110 mph wind, 19.83 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=2.0 psf. lw=1.00 GCPI(+/-)-0.18

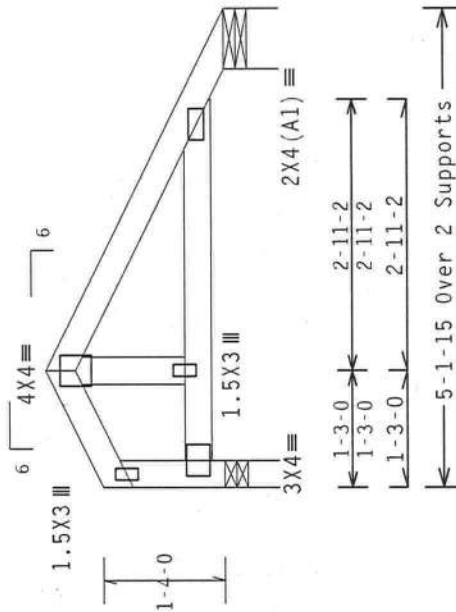
Wind reactions based on MWFRS pressures.

MWFRS loads based on trusses located at least 19.83 ft. from roof edge.

Refer to DWG PB1200310 for piggyback details.

Special loads

-----Lumber
TC- From 62 plf at 0.00 to 62 plf at 1.25
BC- From 4 plf at 1.25 to 4 plf at 5.16
In lieu of rigid ceiling use purlins to brace BC @ 24" OC.
Deflection meets L/240 live and L/180 total load.



R=165 U=44 W=3.5"
RL=36/-57

R=155 U=35 W=7.826"

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

PLT TYP. Wave

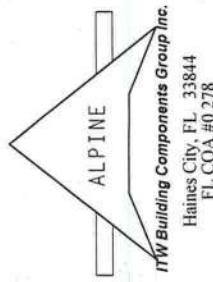
Scale = 5" / Ft.

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

TC LL	20.0 PSF	REF	R487 - - 70041
TC DL	10.0 PSF	DATE	05/24/11
BC DL	10.0 PSF	DRW	HCUSR487 11144073
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN	204639
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1UC7487_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 Components Group Inc. (BCSI) Truss Installation Manual for details. 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 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 Job. Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal of approval drawing or cover page listing this drawing. Indicates acceptance of professional engineering structure responsibility solely for the design shown. The seal of approval is not a seal of approval for the general notes page: 1JN-805: www.itwbcg.com; TPI: www.tpinet.org; NICA: www.nicaindustry.com; ICC: www.iccsafe.org



(11-111--Fill) in later ERKINGER BUILDERS/FEKO --, ** - BP2)

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

110 mph wind, 19.43 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=2.0 psf, 1w=1.00 GCPI(+/-)-0.18

Wind reactions based on MWFRS pressures.

MWFRS loads based on trusses located at least 19.43 ft. from roof edge.

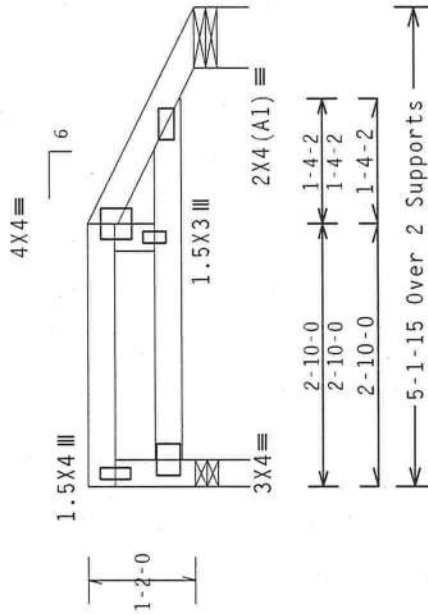
Refer to DWG PB1200310 for piggyback details.

Special loads

-----Lumber Dur.Fac.-1.25 / Plate Dur.Fac.-1.25)
TC- From 62 plf at 0.00 to 62 plf at 2.83
TC- From 62 plf at 2.83 to 62 plf at 5.16
BC- From 4 plf at 0.00 to 4 plf at 5.16

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.



R=165 U=85 W=3.5"
RL=-33

R=155 U=54 W=7.826"

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

PLT TYP. Wave

Scale =.5"/Ft.

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

TC LL	20.0 PSF	REF R487-- 70042
TC DL	10.0 PSF	DATE 05/24/11
BC DL	10.0 PSF	DRW HCUSR487 11144074
BC LL	0.0 PSF	HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN- 204668
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UC7487_Z01

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL COMPANIES NOTING 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 NICA for best practices prior to performing these functions.
Trusses shall be installed in accordance with the manufacturer's instructions. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint only shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.
N/W Building Components Group Inc. (NWBG) shall not be responsible for any deviation from this design or failure of 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 joint details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering structure is responsibility solely for the design shown. The validity and use of this information and the structure is general in nature. 11H-BG5: www.11hbg.com; TPI: www.tpinet.org; NICA: www.abctindustry.com; ICC: www.iccsafe.org

ALPINE
N/W Building Components Group Inc.
Haines City, FL 33844
FL COA #0278



(11-111--Fill in later ERKINGER BUILDERS/FEKO --, ** - DGP)

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

110 mph wind, 19.45 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=2.0 psf, lw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

MWFRS loads based on trusses located at least 19.45 ft. from roof edge.

Refer to DWG PB1200310 for piggyback details.

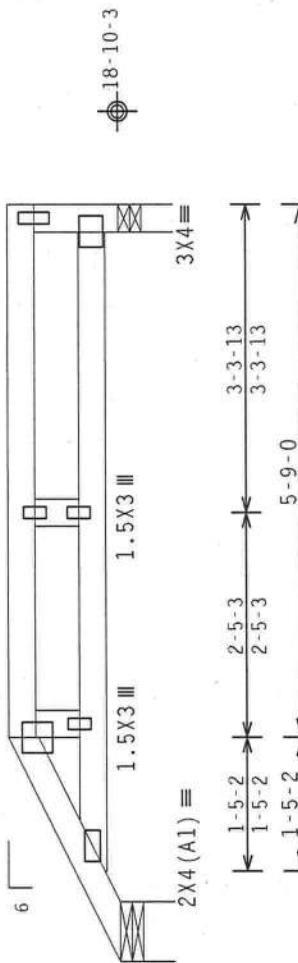
Special loads

-----Lumber
Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 62 plf at 0.00 to 62 plf at 2.41
TC- From 62 plf at 2.41 to 62 plf at 8.16
BC- From 4 plf at 0.00 to 4 plf at 8.16

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

4X4= 1.5X3 1.5X4



R-266 U=106 W=7.826"
RL=28

R=254

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

PLT TYP. Wave

Scale =.5" /Ft.

FL/- /4/- /- /R/-	TC LL	20.0 PSF	REF R487-- 70043
	TC DL	10.0 PSF	DATE 05/24/11
	BC DL	10.0 PSF	DRW HCUSR487 11144075
	BC LL	0.0 PSF	HC-ENG DF/DF
	TOT.LD.	40.0 PSF	SEQN - 204958
	DUR.FAC.	1.25	
	SPACING	24.0"	JREF - 1UC7487_Z01

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL COMPARTMENTS 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 IPI and NICA) for best practices prior to performing these functions. Trusses shall be installed in accordance with the BCSI Manual. Trusses shall have a properly attached structural sheathing and bottom chord bracing. Trusses 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 this design. Any failure to build the truss in accordance 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 Joint Details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering structure is the responsibility solely for the design shown. The suitability and use of this design for any other structure is the responsibility of the user. ITWBCG: www.itwbcg.com; TPI: www.tpiinst.org; NICA: www.nicaindustry.com; ICC: www.iccsafe.org

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

PLT TYP. Wave

Scale =.5" /Ft.

REF R487-- 70043
DATE 05/24/11
DRW HCUSR487 11144075
HC-ENG DF/DF
SEQN - 204958
JREF - 1UC7487_Z01

ALPINE

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

(11-111--Fill in later ERKINGER BUILDERS/FEKO --, ** - DP)

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

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

Wind reactions based on MWFRS pressures.

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 19.35 ft. from roof
edge.

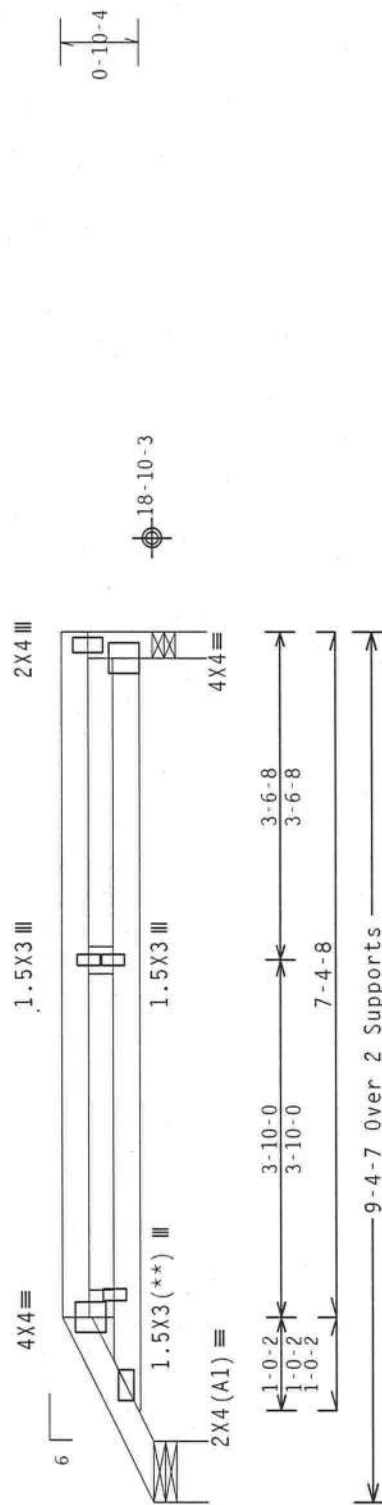
Refer to DWG PB1200310 for piggyback details.

Special loads

-----Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 62 plf at 0.00 to 62 plf at 2.00
IC- From 62 plf at 2.00 to 62 plf at 9.37
BC- From 4 plf at 0.00 to 4 plf at 9.37

110 mph wind, 19.35 ft mean hgt, ASCE 7-05, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf,
wind BC DL=2.0 psf. lw=1.00 GCp1(+/-)=0.18

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



R=306 U=136 W=7.826"
RL=27

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

PLT TYP. Wave

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

Scale = .5" / Ft.

TC LL	20.0 PSF	REF R487 -- 70044
TC DL	10.0 PSF	DATE 05/24/11
BC DL	10.0 PSF	DRW HCUSR487 11144076
BC LL	0.0 PSF	HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN- 204955
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UC7487_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. Refer to the latest edition of BCS (Building Components Systems) for details on proper bracing and installation. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCS 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 truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering structure is responsibility solely for the design shown, and shall not be used for any other purpose. This job's general notes page: 11N-B00; www.tubeg.com; TPI: www.tpinet.org; NICA: www.nicaindustry.com; ICC: www.icc-ucca.org

Douglas Fleming
LICENSE
No. 66648
03.0319/17
05/24/2011
FLORIDA
STATE OF
PROFESSIONAL ENGINEER

ALPINE

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

(11-111--Fill in later ERKINGER BUILDERS/FEKO --, ** - CP)

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

110 mph wind, 19.35 ft mean hgt, ASCE 7-05, CLOSED bldg. Located
anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=2.0
psf. lw=1.00 GCpl(+/-)-0.18

Wind reactions based on MWFRS pressures.

MWFRS loads based on trusses located at least 19.35 ft. from roof
edge.

Refer to DWG PB1200310 for piggyback details.

Special loads

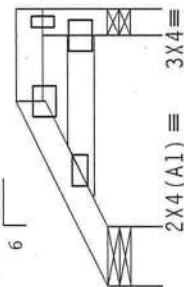
-----Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 62 plf at 0.00 to 62 plf at 2.00
TC- From 62 plf at 2.00 to 62 plf at 3.00
BC- From 4 plf at 0.00 to 4 plf at 3.00

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.

1.5X3 III

3X4=



18-10-3

0-10-4

R=96 U=27 W=7.826"
RL=27 R=81 U=41 W=3.5"

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

PLT TYP. Wave

ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #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 IPI and WICA) for
practices prior to performing these functions. Installers shall provide proper bracing and blocking
shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint 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 this
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 Joint
Details, unless noted otherwise. Refer to drawing 160A-2 for standard plate positions. A seal 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/TPI 1, Sec. 2.2. More information on this structure is
available at: www.itwbcg.com; TPI: www.tpiinst.org; WICA: www.structure.com; This job's
ICC: www.iccsafe.org



FL / - / 4 / - / - / R / -	Scale = .5" / Ft.
TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"
REF	R487 -- 70045
DATE	05/24/11
DRW	HCUSR487 11144077
HC-ENG	DF/DF
SEQN-	204987
JREF-	1UC7487_Z01

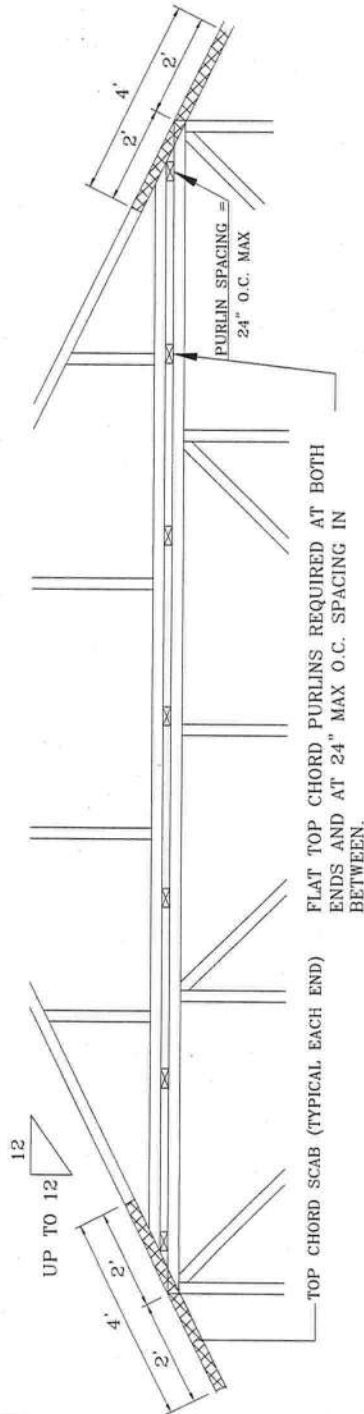
SPACING

120 PIGGYBACK DETAIL

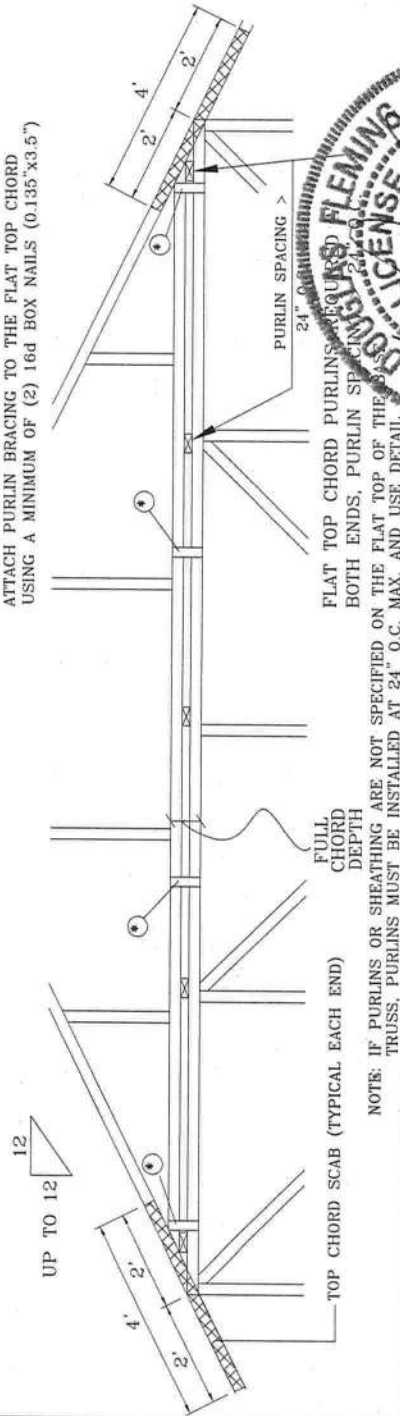
UP TO 120 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-02 OR ASCE 7-05, ENCLOSED BLDG. LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND DL= 5.0 PSF (MIN), Kzt=1.0.

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

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



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



Earth City, MO 63045

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

FLAT TOP CHORD PURLINS REQUIRED AT BOTH ENDS, PURLIN SPACING = 24" O.C. MAX.

FLAT TOP CHORD PURLINS REQUIRED AT BOTH ENDS, PURLIN SPACING = 24" O.C. MAX.



* IN ADDITION, PROVIDE CONNECTION WITH ONE OF THE FOLLOWING METHODS:	
TRUSS	USE 3x8 TRUSS PLATES FOR 2x4 CHORD MEMBER, AND 3x10 TRUSS PLATES FOR 2x6 AND LARGER CHORD MEMBERS. ATTACH TO EACH FACE @ 8" O.C. WITH (4) 0.120"x1.375" NAILS INTO CAP BOTTOM CHORD AND (4) IN BASE TRUSS TOP CHORD. TRUSS PLATES MAY BE STAGGERED 4" O.C. FRONT TO BACK FACES.
APA RATED GUSSET	8"x8"x7/16" (MIN) APA RATED SHEATHING GUSSETS (EACH FACE). ATTACH @ 8" O.C. WITH (6) 6d COMMON (0.113"x2") NAILS PER GUSSET. (4) IN CAP BOTTOM CHORD AND (4) IN BASE TRUSS TOP CHORD. GUSSETS MAY BE STAGGERED 4" O.C. FRONT TO BACK FACES.
2x4 VERTICAL SCABS	2x4 SPF#2, FULL CHORD DEPTH SCABS (EACH FACE). ATTACH @ 8" O.C. WITH (6) 10d BOX NAILS (0.128"x3") PER SCAB (3) IN CAP BOTTOM CHORD AND (3) IN BASE TRUSS TOP CHORD. SCABS MAY BE STAGGERED 4" O.C. FRONT TO BACK FACES.
28PB WAVE PIGGYBACK PLATE	ONE 28PB WAVE PIGGYBACK PLATE TO EACH FACE @ 8" O.C. ATTACH TEETH TO PIGGYBACK AT TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120"x1.375" NAILS PER FACE PER PLY. PIGGYBACK PLATES MAY BE STAGGERED 4" O.C. FRONT TO BACK FACES.

REF	PIGGYBACK
DATE	03/15/10
DRWG	PB1200310

SPACING 24.0"

6-2-15

☒ DATE LONDON ☒ LIABILITY

Columbia County Building Permit Application

☒ WELL LETTER 4 Adote

For Office Use Only Application # 1106-10 Date Received 6/3 By JW Permit # 1892/29189
Zoning Official BLK Date 13 June 2011 Flood Zone X Land Use Res Low Dev. Zoning RSF-2
FEMA Map # N/A Elevation N/A MFE 1st Rd River N/A Plans Examiner T.C. Date 6-10-11

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

Septic Permit No. 11-0257 Brandi N. Hebb Cell 623-0753
Name Authorized Person Signing Permit Brandi N. Hebb Phone 386-754-5555
Address 248 SE Nassau St Lake City FL 32025
Owners Name Stephen & Carol Feko Phone (352) 888-1100
911 Address 400 SW Covey Ct Lake City FL 32025
Contractors Name Brandi N. Hebb Phone 386-754-5555
Address 248 SE Nassau St Lake City FL 32025

Fee Simple Owner Name & Address N/A
Bonding Co. Name & Address N/A
Architect/Engineer Name & Address MARK DISOSWAY
Mortgage Lenders Name & Address N/A

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

Property ID Number 01-45-16-02678-208 Estimated Cost of Construction 180,000
Subdivision Name COVEY COURT Lot 8 Block — Unit — Phase —
Driving Directions Take 90 W to Sister's Welcome Rd. TURN Left.
DRIVE approximately 1/2 mile to Covey Court. TURN Right.
Home is on Left. Number of Existing Dwellings on Property 0

Construction of Single Family Home Total Acreage .530 Lot Size —
Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height —
Actual Distance of Structure from Property Lines - Front 27' Side 25' Side 50' +/- Rear 40'
Number of Stories 1 Heated Floor Area 2260 Total Floor Area 3620 Roof Pitch 6/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standard of all laws regulating construction in this jurisdiction. CODE: Florida Building Code 2007 with 2009 Supplement the 2008 National Electrical Code.

Columbia County Building Permit Application

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

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

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

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

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

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

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

(Owners Must Sign All Applications Before Permit Issuance.)

Owners Signature

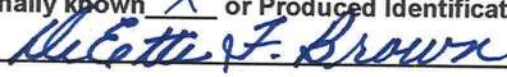
****OWNER BUILDERS MUST PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT.**

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

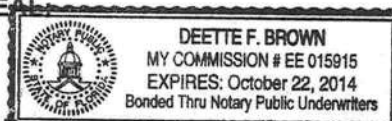

Contractor's Signature (Permitee)

Contractor's License Number CBC1257313
Columbia County
Competency Card Number N/A #339

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 24th day of May 2011.
Personally known X or Produced Identification _____


State of Florida Notary Signature (For the Contractor)

SEAL



P.51 AC

80.00

190.30

88.49

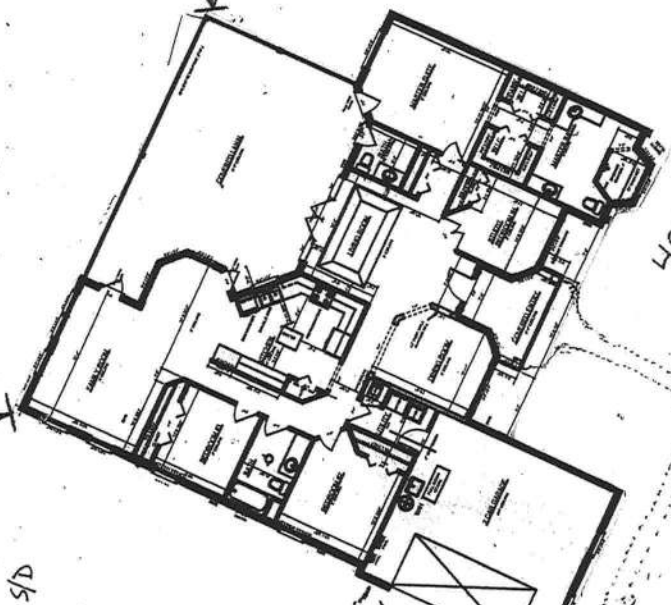
SIDE SETBACK



400 SW COWEY COURT

FRONT SETBACK

15' UTILITY EASEMENT



15' REAR
8
LOT HEIGHTS S/D
QUAIL 53 ACRES

20'x25'
CONCRETE
SLAB W/
TURF GRASS

14-16" WIDE
CONCRETE
DRIVEWAY

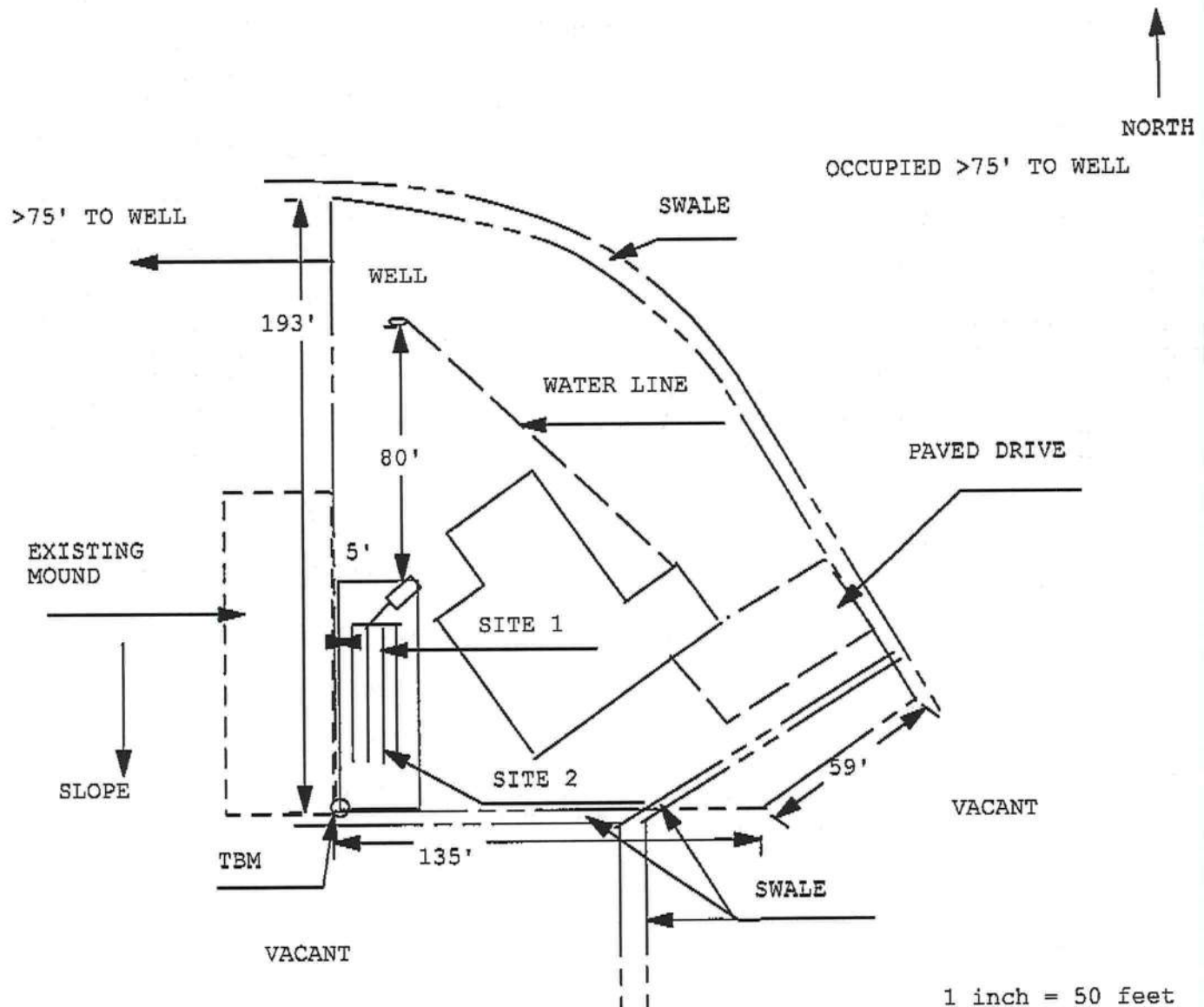
18" x 30"
CULVERT PIPE

COWEY COURT

87.38
16.00

**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan**
Permit Application Number: 11-8257

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



Site Plan Submitted By Paul D. Lloyd Date 5-23-11
Plan Approved y Not Approved _____ Date 6/6/11
By [Signature] Celencia CPHU
Notes: _____

SD

NOTICE OF COMMENCEMENT

Tax Parcel Identification Number:

01-4S-16-02678-208

Clerk's Office Stamp

11-201112007797 Date: 5/25/2011 Time: 10:28 AM
DC, P. DeWitt Cason, Columbia County Page 1 of 1 B: 1215 P: 463

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

1. Description of property (legal description): 01-4S-16-02678-208
a) Street (job) Address: 400 SW COVER COURT
2. General description of improvements: Single Family Dwelling
3. Owner Information
Stephen G. Feko & Carol Feko, Trustees under the Stephen G. Feko
a) Name and address: and Carol Feko Revocable Trust dated August 6, 2009
b) Name and address of fee simple titleholder (if other than owner) N/A
c) Interest in property N/A
4. Contractor Information
a) Name and address: ERKINGER CONSTRUCTION GRP 248 SE Nassau St
b) Telephone No.: 386-784-5555 Fax No. (Opt.): 386-719-9899
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: ERKINGER CONSTRUCTION GRP
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: N/A
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.

[Signature] Signature of Owner or Owner's Authorized Office/Director/Partner/Manager

Stephen G. Feko

[Signature]
Carol Feko

Printed Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 24th day of May, 20 11, by:

Stephen G. Feko & Carol Feko 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 [Signature]

Notary Stamp or Seal:



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

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

719-9899

PREPARED BY AND WHEN RECORDED MAIL TO:

IAN S. GIOVINCO, ESQUIRE
 IAN S. GIOVINCO, P.A.
 PO BOX 172897
 TAMPA, FL 33672

Inst 200912016645 Date: 10/5/2009 Time: 1:47 PM
 Doc Stamp-Deed 0.00

DC, P. DeWitt Cason, Columbia County Page 1 of 2 B: 1181 P: 2411

PARCEL ID NO.: 01-4S-16-02678-208

Warranty Deed

THIS WARRANTY DEED is made this 19 day of September, 2009, by STEPHEN G. FEKO and CAROL FEKO, whose address is 40 Freshwater Dr. Palm Harbor, FL 34684, (herein "Grantor"), to STEPHEN G. FEKO and CAROL FEKO, TRUSTEES, or any successors in trust, under the STEPHEN G. FEKO and CAROL FEKO REVOCABLE TRUST dated August 6, 2009, and any amendments thereto, whose address is 40 Freshwater Dr. Palm Harbor, FL 34684, (herein "Grantee").

GRANTOR, in consideration of Ten Dollars and other valuable consideration, receipt of which is hereby acknowledged, hereby conveys to Grantee, all of Grantor's interest in and to the following described real property located in the County of COLUMBIA, State of Florida:

SEE EXHIBIT A ATTACHED HERETO

TOGETHER WITH all of the easements, rights, privileges and appurtenances thereto belonging and all of the estate, right, title, interest and claim, either at law or in equity, of Grantor of, in, to or out of such real property; provided, however, that Grantor does hereby reserve and retain the beneficial right, use, occupancy and enjoyment of such property for and during the term of Grantor's lifetime.

TO HAVE AND TO HOLD the above-described real property in fee simple with all appurtenances and for the purposes set forth herein, subject to all matters of record, if any. Full power and authority is granted by this deed to the Trustee(s) and all successor trustees to protect, conserve, sell, lease, encumber, convey, transfer or otherwise manage and dispose of all or any portion of the property herein described without the consent or approval of any other party. Grantor hereby fully warrants title to said property and will defend the same against the lawful claims of all persons whomsoever.

IN WITNESS WHEREOF, Grantor has signed and sealed this Warranty Deed on the date first above written.

WITNESSES (as to each Grantor)

GRANTOR:

Richard D'Ambrósio
 Printed Name: RICHARD D'AMBROSIO

Stephen G. Feko
 STEPHEN G. FEKO

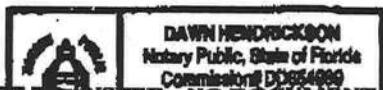
Joanna Fekate
 Printed Name: JOANNA FEKATE

Carol Feko
 CAROL FEKO

STATE OF Florida
 COUNTY OF Pulaski

The foregoing instrument was acknowledged before me this 19 day of Sept, 2009, by STEPHEN G. FEKO and CAROL FEKO, who have produced Florida Driver Licenses as identification.

Dawn Henderson
 Notary Public



EXEMPT FROM TRANSFER, RECORDING, AND INTANGIBLE PERSONAL PROPERTY TAX IS DUE OR PAYABLE IN CONNECTION WITH THE RECORDING HEREOF.

Columbia County Property Appraiser

DB Last Updated: 5/3/2011

2010 Tax Year

Parcel: 01-4S-16-02678-208

<< Next Lower Parcel Next Higher Parcel >>

Tax Collector

Tax Estimator

Property Card

Parcel List Generator

Interactive GIS Map

Print

Search Result: 1 of 1

Owner & Property Info

Owner's Name	FEKO CAROL PAIGE & STEPHEN G		
Mailing Address	AS TRUSTEE UNDER THE STEPHEN G FEKO & CAROL FEKO REV TRUST 40 FRESHWATER DR PALM HARBOR, FL 34684-1106		
Site Address	400 SW COVEY CT		
Use Desc. (code)	VACANT (000000)		
Tax District	2 (County)	Neighborhood	1416
Land Area	0.530 ACRES	Market Area	06
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction.		
LOT 8 COVEY COURT S/D. ORB 736-668,816-1696,979-1777, WD 1181-2411			



Property & Assessment Values

2010 Certified Values		
Mkt Land Value	cnt: (0)	\$24,624.00
Ag Land Value	cnt: (1)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$24,624.00
Just Value		\$24,624.00
Class Value		\$0.00
Assessed Value		\$24,624.00
Exempt Value		\$0.00
Total Taxable Value	Cnty: \$24,624 Other: \$24,624 Schl: \$24,624	

2011 Working Values

NOTE:
2011 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

[Show Working Values](#)

Sales History

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

Sale Date	OR Book/Page	OR Code	Vacant / Improved	Qualified Sale	Sale RCode	Sale Price
9/19/2009	1181/2411	WD	V	U	11	\$0.00
4/2/2003	979/1777	WD	V	Q		\$25,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1 LT - (0000000.530AC)	1.00/1.00/1.00/1.00	\$22,161.60	\$22,161.00

Columbia County Property Appraiser

DB Last Updated: 5/3/2011

CLYATT WELL DRILLING, INC.*(Established In 1971)**Post Office Box 180**Worthington Springs, FL 32897**Phone (386)496-2488 *** FAX (386)496-4640***WELL DESCRIPTION****DESCRIPTION DATE**

6/3/11.

CUSTOMER NAME AND ADDRESS

Erkinger Home Builders
Attn.: Matthew A. Erkinger
248 Southeast Nassau Street
Lake City, Florida 32025

DESCRIPTION OF WORK

4" Well and Pump

DESCRIPTION

Feet 4" Well

1 HP Submersible Pump

1-1/4" Drop Pipe

14/3 Submersible Pump Wire

81 Gallon Captive Air Tank

4 X 1-1/4 Well Seal

Pressure Relief Valve

Controls and Fittings

The above description is provided to give a brief description of the residential water well to be constructed by Clyatt Well Drilling, Inc.

0.51 AC

374
80.00
4.15

190.30

SIDE SETBACK

400 SW COWLEY COURT

FRONT SETBACK

UTILITY EASEMENT

15' REAR

LOT HEIGHTS 9'D
QUAIL 53 ACRES

20'x25'
CONCRETE
SLAB W/
TOWER MOUNTING

14-16" WIDE
CONCRETE
DRIVEWAY

18" x 30"
CULVERT

COWLEY COURT

87.48
16.00
UTILITY

ERKINGER CONSTRUCTION GROUP

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1106-10 CONTRACTOR Brandi N. Hebb PHONE 386.754.5555

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 <u>MATTHEWS ELECTRIC</u>	Signature _____	Phone #:	<u>386.344.2029</u>
	License #:			
☒ MECHANICAL/ A/C	Print Name <u>Register's Heat & A/C</u>	Signature _____	Phone #:	<u>904.759.6750</u>
	License #:			
☒ PLUMBING/ GAS	Print Name <u>HighSprings Plumbing & Air</u>	Signature _____	Phone #:	<u>386.623.3487</u>
	License #:			
☒ ROOFING	Print Name <u>DUCKSWORTH ROOFING</u>	Signature _____	Phone #:	<u>386.208.9117</u>
	License #:			
☐ SHEET METAL	Print Name <u>N/A</u>	Signature _____	Phone #:	
	License #:			
☐ FIRE SYSTEM/ SPRINKLER	Print Name <u>N/A</u>	Signature _____	Phone #:	
	License #:			
☐ SOLAR	Print Name <u>N/A</u>	Signature _____	Phone #:	
	License #:			

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON	000097	Kenny Warden Masonry	
CONCRETE FINISHER	000025	GARY MOORE CONCRETE	
FRAMING	000035	DAVE PONTON	
INSULATION 399	CBC1257313	ERKINGER CONSTRUC GRP	Br Hebb
STUCCO	—	N/A	
DRYWALL 399	CBC1257313	ERKINGER CONST. GRP	Br Hebb
PLASTER			
CABINET INSTALLER		Bordeaux Cabinets	
PAINTING 399	CBC1257313	ERKINGER construction	Br Hebb
ACOUSTICAL CEILING	—	N/A	
GLASS	000619	LAKE CITY GLASS	
CERAMIC TILE 399	CBC1257313	ERKINGER Construction Grp	Br Hebb
FLOOR COVERING	000710	Vann Carpet One	
ALUM/VINYL SIDING	000312	COLUMBIA EXTERIORS	
GARAGE DOOR	000619	LAKE CITY GLASS	
METAL BLDG ERECTOR	—	N/A	

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

ERKINGER CONSTRUCTION GROUP**SUBCONTRACTOR VERIFICATION FORM**APPLICATION NUMBER 1106-10CONTRACTOR Brandi N. Hebb PHONE 386-754-5555

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 <u>MATTHEWS ELECTRIC</u>	Signature _____	Phone #: <u>386-344-2029</u>
MECHANICAL/ A/C	Print Name <u>Register's Heat & A/C</u>	Signature _____	Phone #: <u>904-752-6750</u>
PLUMBING/ GAS 441	Print Name <u>High Springs Plumbing & Air</u>	Signature <u>[Signature]</u>	Phone #: <u>386-623-3487</u>
ROOFING	Print Name <u>DUCKWORTH ROOFING</u>	Signature _____	Phone #: <u>386-208-9117</u>
SHEET METAL	Print Name <u>N/A</u>	Signature _____	Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name <u>N/A</u>	Signature _____	Phone #: _____
SOLAR	Print Name <u>N/A</u>	Signature _____	Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub Contractor Signature
MASON	000097	Kenny Loudon Masonry	
CONCRETE FINISHER	000025	BARRY MOORE CONCRETE	
FRAMING		DAVE PONTON	
INSULATION			
STUCCO		N/A	
DRYWALL			
PLASTER			
CABINET INSTALLER		Bordaux Cabinets	
PAINTING			
ACOUSTICAL CEILING		N/A	
GLASS		LAKE CITY GLASS	
CERAMIC TILE		ERKINGER CONSTRUCTION GROUP	
FLOOR COVERING	000710	Vann Carpet One	
ALUM/VINYL SIDING	000312	COLUMBIA EXTERIORS	
GARAGE DOOR		LAKE CITY GLASS	
METAL BLDG ERECTOR		N/A	

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

ERKINGER CONSTRUCTION GROUP

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1106-10 CONTRACTOR Brandi N. Hebb PHONE 386-754-5555

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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 <u>MATTHEWS ELECTRIC</u> Signature _____ License #: _____ Phone #: <u>386-344-2029</u>
MECHANICAL/ A/C	Print Name <u>REGISTER'S HEAT & A/C</u> Signature _____ License #: _____ Phone #: <u>904-759-6750</u>
PLUMBING/ GAS	Print Name <u>HIGHSPRINGS PLUMBING & AIR</u> Signature _____ License #: _____ Phone #: <u>386-623-3487</u>
ROOFING	Print Name <u>DUCKSWORTH ROOFING</u> Signature _____ License #: _____ Phone #: <u>386-208-9117</u>
SHEET METAL	Print Name <u>N/A</u> Signature _____ License #: _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name <u>N/A</u> Signature _____ License #: _____ Phone #: _____
SOLAR	Print Name <u>N/A</u> Signature _____ License #: _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON	000097	Kenny Loudon Masonry	
✓ CONCRETE FINISHER	000025	BARRY MOORE CONCRETE	<i>[Signature]</i>
FRAMING		DAVE PONTON	
INSULATION			
STUCCO		N/A	
DRYWALL			
PLASTER			
CABINET INSTALLER		BORDRAUX CABINETS	
PAINTING			
ACOUSTICAL CEILING		N/A	
GLASS		LAKE CITY GLASS	
CERAMIC TILE		ERKINGER CONSTRUCTION GRP	
FLOOR COVERING	000710	Vann Carpet One	
ALUM/VINYL SIDING	000312	COLUMBIA EXTERIORS	
GARAGE DOOR		LAKE CITY GLASS	
METAL BLDG ERECTOR		N/A	

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

Contractor Forms: Subcontractor form: 6/09

ERKINGER CONSTRUCTION GROUP

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1106-10 CONTRACTOR Brandi N. Hebb PHONE 386.754.5555

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☒ ELECTRICAL 76	Print Name: <u>MATTHEWS ELECTRIC</u> License #: <u>ER-0014352</u>	Signature: <u>[Signature]</u> Phone #: <u>386.344.2029</u>
MECHANICAL/A/C	Print Name: <u>Register's Heat & A/C</u> License #:	Signature: _____ Phone #: <u>904.759.6750</u>
PLUMBING/GAS	Print Name: <u>High Springs Plumbing & Air</u> License #:	Signature: _____ Phone #: <u>386.623.3487</u>
ROOFING	Print Name: <u>DUCKSWORTH ROOFING</u> License #:	Signature: _____ Phone #: <u>386.208.9117</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	000097	Kenny Loudon Masonry	
CONCRETE FINISHER	000025	BARRY MOORE CONCRETE	
FRAMING		DAVE PONTON	
INSULATION			
STUCCO		N/A	
DRYWALL			
PLASTER			
CABINET INSTALLER		BORDRAUX CABINETS	
PAINTING			
ACOUSTICAL CEILING		N/A	
GLASS		LAKE CITY GLASS	
CERAMIC TILE		Erkinger Construction Corp	
FLOOR COVERING	000710	Vann Carpet One	
ALUM/VINYL SIDING	000312	Columbia Exteriors	
GARAGE DOOR		LAKE CITY GLASS	
METAL BLDG ERECTOR		N/A	

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

Contractor Form: Subcontractor form: 6/09

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER

1106-10

CONTRACTOR

Brandi N. Hebb

PHONE

386.754.5555

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 <u>MATTHEWS Electric</u>	Signature _____	Phone #: <u>386.344.2029</u>
MECHANICAL/ A/C	Print Name <u>Register's Heat & A/C</u>	Signature _____	Phone #: <u>904.759.6750</u>
PLUMBING/ GAS	Print Name <u>High Springs Plumbing & Air</u>	Signature _____	Phone #: <u>386.623.3487</u>
ROOFING	Print Name <u>Ducksworth Roofing</u>	Signature _____	Phone #: <u>386.208.9117</u>
SHEET METAL	Print Name <u>N/A</u>	Signature _____	Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name <u>N/A</u>	Signature _____	Phone #: _____
SOLAR	Print Name <u>N/A</u>	Signature _____	Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON	000097	Kenny Loudon Masonry	
CONCRETE FINISHER	000025	GARY MOORE CONCRETE	
FRAMING		DAVE PONTON	
INSULATION			
STUCCO		N/A	
DRYWALL			
PLASTER			
CABINET INSTALLER	000762	Bordeaux Cabinets	Steve Bordeaux
PAINTING			
ACOUSTICAL CEILING		N/A	
GLASS		LAKE CITY GLASS	
CERAMIC TILE		Erkinge Construction Corp	
FLOOR COVERING	000710	Vann Carpet One	
ALUM/VINYL SIDING	000312	Columbia Exteriors	
GARAGE DOOR		LAKE CITY GLASS	
METAL BLDG ERECTOR		N/A	

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

Contractor Form: Subcontractor Form: 6/03

ERKINGER CONSTRUCTION GROUP

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1106-10 CONTRACTOR Brandi N. Hebb PHONE 386.754.5555
 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.

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ELECTRICAL	Print Name <u>MATTHEWS ELECTRIC</u>	Signature _____	Phone #: <u>386.344.2029</u>
MECHANICAL/ A/C	Print Name <u>Register's Heat & A/C</u>	Signature _____	Phone #: <u>904.759.6750</u>
PLUMBING/ GAS	Print Name <u>High Springs Plumbing & Air</u>	Signature _____	Phone #: <u>386.623.3487</u>
✓ ROOFING <u>606</u>	Print Name <u>DUCKSWORTH ROOFING</u>	Signature <u>[Signature]</u>	Phone #: <u>386.208.9117</u>
SHEET METAL	Print Name <u>N/A</u>	Signature _____	Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name <u>N/A</u>	Signature _____	Phone #: _____
SOLAR	Print Name <u>N/A</u>	Signature _____	Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
✓ MASON	<u>000097</u>	<u>Kenny Loudon Masonry</u>	<u>[Signature]</u>
CONCRETE FINISHER	<u>000025</u>	<u>GARY MOORE CONCRETE</u>	
FRAMING		<u>DAVE PONTON</u>	
INSULATION			
STUCCO		<u>N/A</u>	
DRYWALL			
PLASTER			
CABINET INSTALLER		<u>Bordeaux Cabinets</u>	
PAINTING			
ACOUSTICAL CEILING		<u>N/A</u>	
GLASS		<u>LAKE CITY GLASS</u>	
CERAMIC TILE			
FLOOR COVERING	<u>000710</u>	<u>Vann Carpet One</u>	
✓ ALUM/VINYL SIDING	<u>000312</u>	<u>COLUMBIA EXTERIORS</u>	<u>Paul Phinney</u>
GARAGE DOOR		<u>LAKE CITY GLASS</u>	
METAL BLDG ERECTOR		<u>N/A</u>	

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.

05/25/2011 17:08 3867528893
05/25/2011 04:11 FAX 3867199899

EHB, INC VANN CARPET ONE

PAGE 01/01

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1106-10 CONTRACTOR Brandi N. Hebb PHONE 386.754.5555
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 89-5, 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 <u>MATTHEWS ELECTRIC</u>	Signature _____	Phone #: <u>386.344.2029</u>
MECHANICAL/ A/C	Print Name <u>Register's Heat & A/C</u>	Signature _____	Phone #: <u>904.759.6750</u>
PLUMBING/ GAS	Print Name <u>High Springs Plumbing & Air</u>	Signature _____	Phone #: <u>386.623.3487</u>
ROOFING	Print Name <u>Duckworth Roofing</u>	Signature _____	Phone #: <u>386.208.9117</u>
SHEET METAL	Print Name <u>N/A</u>	Signature _____	Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name <u>N/A</u>	Signature _____	Phone #: _____
SCALAR	Print Name <u>N/A</u>	Signature _____	Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON	<u>000097</u>	<u>Kenneth Loudon Masonry</u>	
CONCRETE FINISHER	<u>000025</u>	<u>GARY MOORE CONCRETE</u>	
FRAMING		<u>DAVE PONTON</u>	
INSULATION			
STUCCO		<u>N/A</u>	
DRYWALL			
PLASTER			
CABINET INSTALLER		<u>Bordmix Cabinets</u>	
PAINTING			
ACOUSTICAL CEILING		<u>N/A</u>	
GLASS			
CERAMIC TILE			
FLOOR COVERING	<u>000710</u>	<u>Vann Carpet One</u>	<u>[Signature]</u>
ALUM/VINYL SIDING		<u>Columbia Exteriors</u>	
GARAGE DOOR		<u>Lake City Glass</u>	
METAL BLDG ERECTOR		<u>N/A</u>	

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 440.35, and shall be presented each time the employer applies for a building permit.

Contractor Form: Subcontractor Form: 6/05

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER

1106-10

CONTRACTOR

Brandi N. Hebb

PHONE 386-754-5555

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ELECTRICAL	Print Name <u>MATTHEWS ELECTRIC</u>	Signature _____	License #: _____	Phone #: <u>386.344.2029</u>
MECHANICAL/ A/C	Print Name <u>Register's Heat & A/C</u>	Signature _____	License #: _____	Phone #: <u>904.759.6750</u>
PLUMBING/ GAS	Print Name <u>High Springs Plumbing & Air</u>	Signature _____	License #: _____	Phone #: <u>386.623.3487</u>
ROOFING	Print Name <u>DUCKSWORTH ROOFING</u>	Signature _____	License #: _____	Phone #: <u>386.208.9117</u>
SHEET METAL	Print Name <u>N/A</u>	Signature _____	License #: _____	Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name <u>N/A</u>	Signature _____	License #: _____	Phone #: _____
SOLAR	Print Name <u>N/A</u>	Signature _____	License #: _____	Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON	000097	Kenny Loudon Masonry	
CONCRETE FINISHER	000025	GARY MOORE CONCRETE	
FRAMING		DAVE PONTON	
INSULATION			
STUCCO		N/A	
DRYWALL			
PLASTER			
CABINET INSTALLER		Bordaux Cabinets	
PAINTING			
ACOUSTICAL CEILING		N/A	
GLASS	000618	LAKE CITY GLASS	Carl Bullard
CERAMIC TILE			
FLOOR COVERING	000710	Vann Carpet One	
ALUM/VINYL SIDING	000312	COLUMBIA EXTERIORS	
GARAGE DOOR	000619	LAKE CITY GLASS	Carl Bullard
METAL BLDG ERECTOR		N/A	

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Contractor Form: Subcontractor form: 6/09

APPLICATION NUMBER

1106-10

CONTRACTOR

Brandi N. Hebb

PHONE

386-754-5555

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ELECTRICAL	Print Name <u>MATTHEWS ELECTRIC</u>	Signature _____	Phone #: <u>386.344.2029</u>
	License #: _____		
MECHANICAL/ A/C <u>1052</u>	Print Name <u>REGISTER'S HEAT & A/C</u>	Signature <u>Richard C. Register</u>	Phone #: <u>904.759.6750</u>
	License #: <u>CAC041267</u>		
PLUMBING/ GAS	Print Name <u>High Springs Plumbing & Air</u>	Signature _____	Phone #: <u>386.623.3487</u>
	License #: _____		
ROOFING	Print Name <u>DUCKSWORTH ROOFING</u>	Signature _____	Phone #: <u>386.208.9117</u>
	License #: _____		
SHEET METAL	Print Name <u>N/A</u>	Signature _____	Phone #: _____
	License #: _____		
FIRE SYSTEM/ SPRINKLER	Print Name <u>N/A</u>	Signature _____	Phone #: _____
	License #: _____		
SOLAR	Print Name <u>N/A</u>	Signature _____	Phone #: _____
	License #: _____		

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON	000097	Kenney Loudon Masonry	
CONCRETE FINISHER	000025	GARY MOORE CONCRETE	
FRAMING		Dave Ponton	
INSULATION			
STUCCO		N/A	
DRYWALL			
PLASTER			
CABINET INSTALLER		Bordman Cabinets	
PAINTING			
ACOUSTICAL CEILING		N/A	
GLASS		LAKE CITY GLASS	
CERAMIC TILE		Erkinge Construction Corp	
FLOOR COVERING	000710	Vann Carpet One	
ALUM/VINYL SIDING	000312	Columbia Exteriors	
GARAGE DOOR		LAKE CITY GLASS	
METAL BLDG ERECTOR		N/A	

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

Contractor Form: Subcontractor form: 5/09

SUBCONTRACTOR VERIFICATION FORM

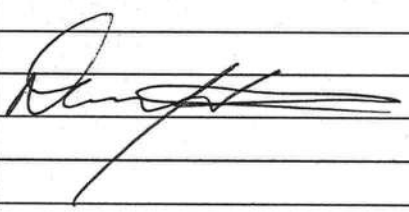
APPLICATION NUMBER _____ CONTRACTOR _____ PHONE _____

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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			
CONCRETE FINISHER			
FRAMING	000035	Dave Ponton	
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.

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION
 Alternate Residential Points System Method

FORM 600A-08

NORTH 1 2 3

PROJECT NAME: AND ADDRESS:	BUILDER: <u>ELKINGER BUILDERS</u>	PERMITTING OFFICE: <u>COLUMBIA</u>	CLIMATE ZONE: 1 ☐ 2 ☐ 3 ☒
OWNER: <u>FEKO</u>	PERMIT NO.: <u>29984</u>	JURISDICTION NO.: <u>221010</u>	

1. New construction or addition
2. Single-family detached or Multiple-family attached
3. If Multiple-family-No. of units covered by this submission
4. Is this a worst case? (yes/no)
5. Conditioned floor area (sq. ft.)
6. Predominant eave overhang (ft.)
7. Glass type and area: (Label required by 13-104.4.5 if not default)
 - a. U-factor: (or Single- or Double-Pane DEFAULT)
 - b. SHGC: (or Clear or Tint DEFAULT)
8. Floor type and insulation:
 - a. Slab-on-grade (R-value + perimeter)
 - b. Wood, raised (R-value + sq. ft.)
 - c. Concrete, raised (R-value)
9. Net wall type, area and insulation:
 - a. Exterior:
 1. Concrete block (Insulation R-value)
 2. Wood frame (Insulation R-value)
 3. Steel frame (Insulation R-value)
 4. Log (Insulation R-value)
 5. Other: WOOD/BRICK
 - b. Adjacent:
 1. Concrete block (Insulation R-value)
 2. Wood frame (Insulation R-value)
 3. Steel frame (Insulation R-value)
 4. Log (Insulation R-value)
10. Ceiling type, area and insulation:
 - a. Under attic (Insulation R-value)
 - b. Single assembly (Insulation R-value)
 - c. Radiant barrier, IRCC or white roof installed?
11. Air distribution system:
 - a. Ducts (Insulation + Location)
 - b. Air Handler (Location)
12. Cooling system:
(Types: central-split, central-single pkg., room unit, PTAC, gas, none)
13. Heating system:
(Types: heat pump, elec. strip, nat. gas, LP gas, gas h.p., room or PTAC, none)
14. Hot water system:
(Types: elec., natural gas, solar, LP gas, none)
15. Hot water credits
 - a. Heat Recovery (HR)
 - b. Dedicated Heat Pump (DHP)
 - c. Solar
16. HVAC Credits
(Use: CF-ceiling fan, CV-cross vent, PT-programmable thermostat, HF-whole house fan, MZ-Multizone)
17. COMPLIANCE STATUS: (PASS if As-Built Pts. are less than Base Pts.)
 - a. Total As-Built points
 - b. Total Base points



Please Type	CK						
1. <u>NEW</u>							
2. <u>SINGLE</u>							
3. _____							
4. <u>YES</u>							
5. <u>2260</u> sq. ft.							
6. <u>1.5</u> ft.							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Description</th> <th style="width:40%;">Area</th> </tr> </thead> <tbody> <tr> <td>7a. <u>DOUBLE</u></td> <td><u>4035</u> sq. ft.</td> </tr> <tr> <td>7b. <u>CLEAR</u></td> <td>_____ sq. ft.</td> </tr> </tbody> </table>	Description	Area	7a. <u>DOUBLE</u>	<u>4035</u> sq. ft.	7b. <u>CLEAR</u>	_____ sq. ft.	
Description	Area						
7a. <u>DOUBLE</u>	<u>4035</u> sq. ft.						
7b. <u>CLEAR</u>	_____ sq. ft.						
8a. R = <u>0</u> , <u>255</u> l. ft.							
8b. R = _____, _____ sq. ft.							
8c. R = _____, _____ sq. ft.							
9a-1 R = _____, _____ sq. ft.							
9a-2 R = _____, _____ sq. ft.							
9a-3 R = _____, _____ sq. ft.							
9a-4 R = <u>13</u> , <u>1375.5</u> sq. ft.							
9b-1 R = _____, _____ sq. ft.							
9b-2 R = <u>13</u> , <u>156</u> sq. ft.							
9b-3 R = _____, _____ sq. ft.							
9b-4 R = _____, _____ sq. ft.							
10a. <u>130</u> <u>2260</u> sq. ft.							
10b. _____ sq. ft.							
10c. _____							
11a. R = <u>6</u> , <u>ATTIC</u> (cond,uncond.)							
11b. R = <u>INTERIOR</u> (cond,uncond.)							
12a. Type: <u>CENTRAL</u>							
12b. SEER/EER/COP: <u>13</u>							
12c. Capacity: <u>50000</u>							
13a. Type: <u>HOT PUMP</u>							
13b. HSPF/COP/AFUE: <u>79</u>							
13c. Capacity: <u>50000</u>							
14a. Type: <u>ELEC</u>							
14b. EF: <u>.94</u>							
15a. _____							
15b. _____							
15c. _____							
16. <u>PT</u>							
17. <u>PASS</u>							
17a. <u>24844</u> 17b. <u>24802</u>							

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

PREPARED BY: ERAN BEAMISLEY DATE: 6/2/11

I hereby certify that this building is in compliance with the Florida Energy Code:

OWNER AGENT: _____ DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____

1 SUMMER OVERHANG FACTORS (SOF) FOR SINGLE-AND DOUBLE-PANE GLASS

SELECT BY OR	OH Ratio	.00-.11	.12-.17	.18-.26	.27-.35	.36-.46	.47-.57	.58-.70	.71-.83	.84-1.18	1.19-1.72	1.73-2.73	2.74 & up
	North	1.00	0.993	0.971	0.930	0.888	0.842	0.803	0.766	0.736	0.681	0.634	0.593
	Northeast	1.00	0.996	0.967	0.907	0.845	0.775	0.717	0.662	0.619	0.545	0.487	0.441
	East	1.00	0.994	0.963	0.898	0.827	0.745	0.675	0.609	0.558	0.470	0.405	0.357
	Southeast	1.00	0.998	0.952	0.864	0.777	0.689	0.623	0.566	0.525	0.459	0.413	0.379
	South	1.00	0.989	0.931	0.835	0.751	0.675	0.620	0.575	0.543	0.493	0.458	0.432
	Southwest	1.00	0.998	0.953	0.866	0.779	0.691	0.623	0.565	0.522	0.453	0.404	0.368
	West	1.00	0.994	0.963	0.899	0.828	0.748	0.681	0.617	0.569	0.485	0.422	0.375
	Northwest	1.00	0.996	0.968	0.913	0.858	0.797	0.748	0.702	0.667	0.605	0.556	0.516
	OH Length	0.0'	1.0'	1.5'	2.0'	3.0'	3.5'	4.5'	5.5'	6.5'	9.5'	14.0'	20.0'

2 WALL SUMMER POINT MULTIPLIERS (SPM)

-2 WALL SUMMER POINT MULTIPLIERS (SPM)					CONCRETE BLOCK (NORMAL WT)				FACE BRICK				LOG		
FRAME									R-VALUE	WOOD FR	R-VALUE	BLOCK			
									0-6.9	2.4	0-2.9	1.0			
-VALUE	EXT	ADJ	EXT	ADJ	R-VALUE	EXT	ADJ	EXT	7-10.9	.6	3-6.9	.6	R-VALUE	EXT	EXT
0-6.9	5.5	2.2	7.6	2.8	0-2.9	2.2	1.1	2.2	11-18.9	.4	7-9.9	.4	0-2.9	1.5	1.0
7-10.9	2.1	.8	3.5	1.3	3-4.9	1.3	.8	.8	19-25.9	.2	10 & UP	.2	3-6.9	1.0	.7
11-12.9	1.7	.7	2.7	1.0	5-6.9	1.0	.7	.5	26 & UP	.1			7 & UP	.8	.6
13-18.9	1.5	.6	2.5	0.9	7-10.9	.7	.5	.3							
19-25.9	.9	.4	2.2	0.8	11-18.9	.4	.4	0							
26 & UP	.6	.2	1.2	0.4	19-25.9	.2	.2								
					26 & UP	.1	.1								

A-10 WINTER OVERHANG FACTORS (WOF)

SELECT BY OR	OH Ratio	.00-.11	.12-.17	.18-.26	.27-.35	.36-.46	.47-.57	.58-.70	.71-.83	.84-1.18	1.19-1.72	1.73-2.73	2.74 & up
	North	1.00	1.000	1.001	1.003	1.005	1.009	1.011	1.014	1.016	1.021	1.024	1.027
	Northeast	1.00	0.998	1.001	1.008	1.015	1.023	1.029	1.035	1.040	1.049	1.056	1.061
	East	1.00	1.007	1.018	1.040	1.069	1.109	1.150	1.198	1.242	1.338	1.429	1.507
	Southeast	1.00	1.014	1.043	1.111	1.202	1.332	1.472	1.635	1.787	2.113	2.412	2.850
	South	1.00	0.994	1.032	1.142	1.308	1.563	1.845	2.175	2.471	3.042	3.450	3.681
	Southwest	1.00	1.006	1.025	1.070	1.131	1.217	1.308	1.413	1.508	1.708	1.888	2.031
	West	1.00	1.002	1.010	1.027	1.049	1.077	1.102	1.128	1.149	1.187	1.217	1.238
	Northwest	1.00	0.999	1.000	1.004	1.008	1.012	1.016	1.019	1.022	1.028	1.032	1.036
	OH Length	0.0'	1.0'	1.5'	2.0'	3.0'	3.5'	4.5'	5.5'	6.5'	9.5'	14.0'	20.0'

A-11 WALL WINTER POINT MULTIPLIERS (WPM)

FRAME					CONCRETE BLOCK (NORMAL WT)				FACE BRICK				LOG		
									R-VALUE	WOOD FR	R-VALUE	BLOCK			
WOOD		STEEL			INTERIOR INSULATION			EXT. INSUL.	0-6.9	12.6	0-2.9	7.9	6 INCH	8 INCH	
R-VALUE	EXT	ADJ	EXT	ADJ	R-VALUE	EXT	ADJ	EXT	7-10.9	4.2	3-6.9	5.7	R-VALUE	EXT	EXT
0-6.9	11.1	10.4	15.1	13.1	0-2.9	11.2	6.8	11.2	11-18.9	3.5	7-9.9	3.8	0-2.9	4.5	3.0
7-10.9	4.4	4.4	7.3	6.6	3-4.9	7.3	5.1	5.6	19-25.9	2.2	10 & UP	3.0	3-6.9	2.8	2.2
11-12.9	3.7	3.6	5.7	5.2	5-6.9	5.7	4.2	4.3	26 & UP	1.4			7 & UP	2.1	1.7
13-18.9	3.4	3.3	5.2	4.9	7-10.9	4.6	3.5	3.3							
19-25.9	2.2	2.2	4.6	4.4	11-18.9	3.0	2.6	2.2							
26 & Up	1.5	1.5	2.7	2.6	19-25.9	1.9	1.7								
					26 & UP	1.3	1.2								

ERKINGER

Construction Group

248 SE Nassau Street
Lake City, FL 32025
Lic. # CBC1257313/RR0067135

Contracting
Construction Management

Phone: 386.754.5555
Fax: 386.719.9899
www.erkingerhomes.com

June 3, 2011

To Whom It May Concern,

I, Stephen G. Feko & Carol Feko, Trustees under the Stephen G. Feko and Carol Feko Revocable Trust, have chosen not to have a survey performed at 400 SW Covey Court, Lake City, FL before commencement of construction on a single family home at said address. I understand that by choosing not to have a survey performed that ground stakes, as well as completed structure, may not be accurate and in accordance with Columbia County structure set back regulations. Thus fore I agree not to hold Erkinger Construction Group liable for costs or damages that may occur as a result of not surveying the building lot, and or not keeping final footprint of home within said setback regulations.

Stephen G. Feko, Trustee

Carol Feko, Trustee

Permit #29484

We Combine Quality & Integrity with Affordability.

Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)
 Address: 536 SE BAYA AVE Phone 752-1703
 City LAKE CITY FL

Site Location: Subdivision Quail Hight C.C.
 Lot # Block# Permit # 29484
 Address 400 SW Covey Ct

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
<u>Plumbing Repair</u>	<u>25</u>	<u>5</u>	<u>5</u>
<u>A/C Handler Room</u>			

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 _____.

8-17-11 0945 James Parker
 Date Time Print Technician's Name

Remarks: _____

Applicator - White Permit File - Canary Permit Holder - Pink
 10/05 ©

Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)
 Address: 536 SE Baya Dr Phone 752-1703
 City Lake City

Site Location: Subdivision Quail Hight C.C.
 Lot # Block# Permit # 29484
 Address 400 SW Covey 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
<u>Main Body / Porches</u>	<u>3620</u>	<u>284</u>	<u>272</u>

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 _____.

7/18/11 8:31 Nail Sathorn F295
 Date Time Print Technician's Name

Remarks: _____

Applicator - White Permit File - Canary Permit Holder - Pink
 10/05 ©