DATE 05/28/2009

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000027837

APPLICANT BRANDI HEBB PHONE 754-5555

ADDRESS 248 SE NASSAU ST LAKE CITY FL 32025

OWNER RICHARD & DORIS PALMATIER PHONE 758-5635

ADDRESS 751 SW DUCKETT CT LAKE CITY FL 32055

CONTRACTOR BRANDI HEBB PHONE 754-5555

LOCATION OF PROPERTY PINEMOUNT RD, TR DUCKETT CT., LAST HOME ON RIGHT,(RED GATE)

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 123500.00

HEATED FLOOR AREA 1454.00 TOTAL AREA 2470.00 HEIGHT ____ STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING A-3 MAX. HEIGHT ____

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO. ____

PARCEL ID 06-4S-16-02787-008 SUBDIVISION ____

LOT ____ BLOCK ____ PHASE ____ UNIT ____ TOTAL ACRES 4.81

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
		CBC1257313	Bri Hebb

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
EXISTING	09-292	BK	HD	N

COMMENTS: EXISTING MH TO BE REMOVED WITHIN 45 DAYS OF CO ISSUANCE, NOC ON FILE, ONE FOOT ABOVE THE ROAD

Check # or Cash 16923

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power ____ date/app. by Foundation ____ date/app. by Monolithic ____ date/app. by

Under slab rough-in plumbing ____ date/app. by Slab ____ date/app. by Sheathing/Nailing ____ date/app. by

Framing ____ date/app. by Insulation ____ date/app. by

Rough-in plumbing above slab and below wood floor ____ date/app. by Electrical rough-in ____ date/app. by

Heat & Air Duct ____ date/app. by Peri. beam (Lintel) ____ date/app. by Pool ____ date/app. by

Permanent power ____ date/app. by C.O. Final ____ date/app. by Culvert ____ date/app. by

Pump pole ____ date/app. by Utility Pole ____ date/app. by M/H tie downs, blocking, electricity and plumbing ____ date/app. by

Reconnection ____ date/app. by RV ____ date/app. by Re-roof ____ date/app. by

BUILDING PERMIT FEE $ 620.00 CERTIFICATION FEE $ 12.35 SURCHARGE FEE $ 12.35

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 $ ____ **TOTAL FEE** 719.70

INSPECTORS OFFICE Gale Tedder CLERKS OFFICE CH

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

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

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

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

THIS INSTRUMENT WAS PREPARED BY:
TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:
TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

File No. 09-107

Inst:200912007771 Date:5/11/2009 Time:12:22 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 3 B:1172 P:2605

PERMIT NO._____ **TAX FOLIO NOS.:** 06-4S-16-02787-008

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of property:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF.

2. General description of improvement: Construction of Dwelling

3. Owner information:

a. Name and address: RICHARD C. PALMATIER and his wife, DORIS M. PALMATIER, 751 SW Duckett Court, Lake City, Florida 32024.

b. Interest in property: Fee Simple

c. Name and address of fee simple title holder (if other than Owner):

4. a. Contractor: ERKINGER HOME BUILDERS, INC., 248 SE Nassau Street, Lake City, Florida 32025.

b. Contractor's Telephone Number: 386-754-5555

5. Surety

a. Name and address: None

b. Phone Number:

c. Amount of Bond:

6. a. Lender: None

b. Lender's Telephone Number:

7. a. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: None

b. Phone Number:

8. a. In addition to himself or herself, Owner designates N/A of N/A, to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

b. Phone Number:

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified).

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

Richard C. Palmatier
Richard C. Palmatier

Doris M. Palmatier
Doris M. Palmatier

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 8th day of May 2009, by RICHARD C. PALMATIER and his wife, DORIS M. PALMATIER. They are personally known to me and did not take an oath.

Myrtle Ann McElroy
Notary Public
My commission expires:

MYRTLE ANN MCELROY
MY COMMISSION # DD 604339
EXPIRES: February 12, 2011
Bonded Thru Notary Public Underwriters

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.

Richard C. Palmatier
Richard C. Palmatier

Doris M. Palmatier
Doris M. Palmatier

Exhibit "A

Township 4 South, Range 16 East:

Section 6: "Parcel B" Begin at the Northeast corner of the SW ¼ of NE ¼, Section 6, Township 4 South, Range 16 East, Columbia County, Florida and run thence South 88°42'58" West along the North line of said SW ¼ of NE ¼, 580.72 feet, thence South 01°20'09" East, 376.00 feet, thence South 52°20'47" West, 441.83 feet, thence South 01°20'09" East, 20.00 feet, thence North 88°42'58" East, 18.36 feet, thence North 52°20'47" East, 475.56 feet, thence North 88°42'58" East, 537.20 feet to the East line of said SW ¼ of NE ¼, thence North 01°38'31" West along said East line, 376.00 feet to the Point of Beginning.

Together with a non exclusive perpetual easement for ingress and egress over and across a strip of land in the SE ¼ of Section 6, Township 4 South, Range 16 East, Columbia County, lying 30.00 feet East and West of the following described centerline:

A strip of land 60.00 feet in width to be used for roadway purposes being more particularly described as follows:

Commence at the SW corner of the SE ¼, Section 6, Township 4 South, Range 16 East, Columbia County, Florida and run North 1°20'09" West along the West line of said SE ¼ a distance of 55.44 feet to a concrete monument on the North right of way line of State Road No. 252, thence North 88°42'46" East along said North right of way line 145.00 feet to the Point of Beginning, thence North 1°20'09" West parallel to the West line of said SE ¼ a distance of 2600.07 feet to a point on the North line of said SE ¼, thence North 88°45'24" East along said North line 60.00 feet, thence South 1°20'09" East 2600.11 feet to a point on the North right of way line of said State Road No. 252, thence South 88°42'46" West along said right of way line 60.00 feet to the Point of Beginning.

Together with a non exclusive easement to be used for roadway purposes described as follows: A 60 foot strip of land lying West of the following described line commence at the NE corner of above described easement the Point of Beginning, thence North 1°20'09" West, 130 feet, thence North 35°00'18" East, 197.45 feet, thence North 1°20'09" West, 373.49 feet, thence along the West line of a 40 foot wide county owned road to the Point of Ending.

LESS AND EXCEPT THE FOLLOWING DESCRIBED PROPERTY:

COMMENCE AT THE NORTHEAST CORNER OF THE SW ¼ OF THE NE ¼, SECTION 6, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA AND RUN THENCE S 01°38'31" E. ALONG THE EAST LINE OF SAID SW ¼ OF NE ¼, 375.49 FEET; THENCE S 88°48'08" W, 105.00 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE S 88°48'08" W. 175.00 FEET; THENCE N 01°38'31" W.PARALLEL WITH SAID EAST LINE, 125.00 FEET; THENCE N 88°48'08" E. 175.00 FEET; THENCE S 01°38'31" E. PARALLEL WITH SAID EAST LINE, 125.00 FEET TO THE POINT OF BEGINNING. CONTAINING 0.50 ACRES, MORE OR LESS.

Columbia County Building Permits Application Application # 0905-25

Property ID Number 06-4S-16-02787-008 HX Septic Permit No. _____

Subdivision Name N/A Lot _____ Block _____ Unit _____ Phase _____

Construction of Single Family Residence Cost of Construction $160,000.

Mobile Home Permit - New or Used (Circle One) Year _____ Length _____ Width _____

Name of the Authorized Person Signing the Permit Brandi N Hebb

Phone 386.754-5555 Fax 386.719.9899

Address 248 SE Nassau St Lake City FL 32025

Owners Name Richard & Doris Palmatier Phone 386.758.5635

911 Address 751 SW Duckett Court Lake City FL 32055

Relationship to Property Owner Contractor Is this Home Replacing an Existing Home NO

Contractors Name Brandi N. Hebb Phone 386 754.5555

Company Name Erkinger Home Builders Fax 386.719.9899

Address 248 SE Nassau St Lake City FL 32025

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Mark Disosway SW Commerce Dr.

Mortgage Lenders Name & Address N/A

Driving Directions to the Property Pinemount Rd West to Duckett Court. Turn Right @ Duckett court. Home is last on Right. Look for Red gate & Erkinger signs.

Lot Size 4.810 Ac Total Acreage 4.810 Building across lot numbers N/A

Actual Distance of Structure from Property Lines - Front/Road ~~500'+/-~~ Left Side ~~150'+/-~~ Right Side ~~150'+/-~~ Rear ~~30'~~

Number of Stories 1 Heated Floor Area 1454 Total Floor Area 2470 Roof Pitch 6/12

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

Progress Energy - Slash Pine Electric

Do you currently have an: Existing Drive (Currently using) or Private Drive (Blue Road Sign) or need a Culvert Permit (Putting in a Culvert) or Culvert Waiver (No Culvert but do not need a Culvert)

Both Pages Must be Submitted to obtain a Building Permit.

Revised 12-30-08

I've called Brandi on 5.20.09

Columbia County Building Permits Application Application #_____

TIME LIMITATIONS OF *APPLICATIONS* : 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 COMMENCMENT 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 hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

Richard C Palmateer

Owners Signature

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.

Ron Hubbs

Contractor's Signature (Permitee)

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

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 15th **day of** May **20**09.

Personally known X **or Produced Identification** _____

DeEtte F. Brown

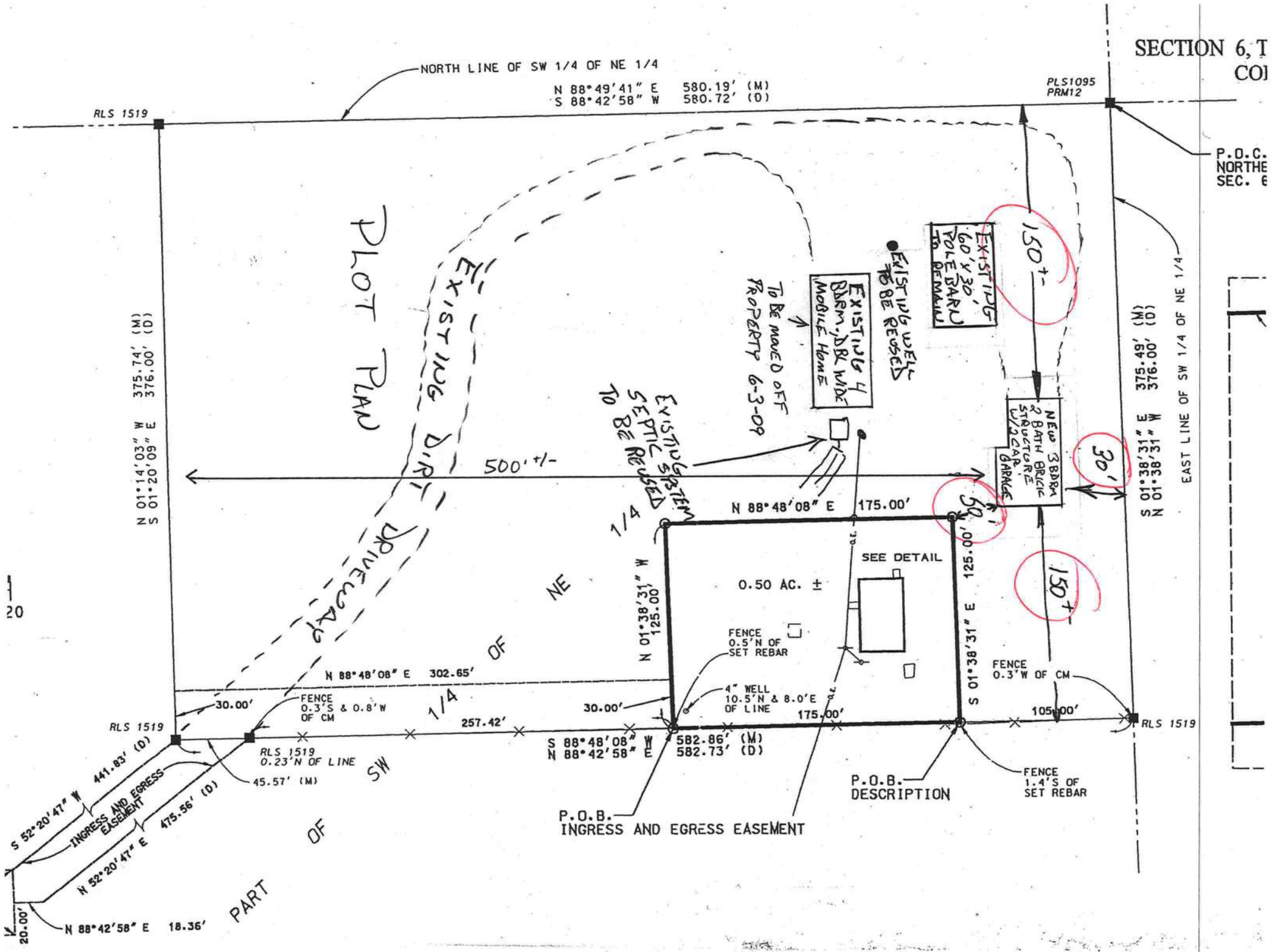
State of Florida Notary Signature (For the Contractor)

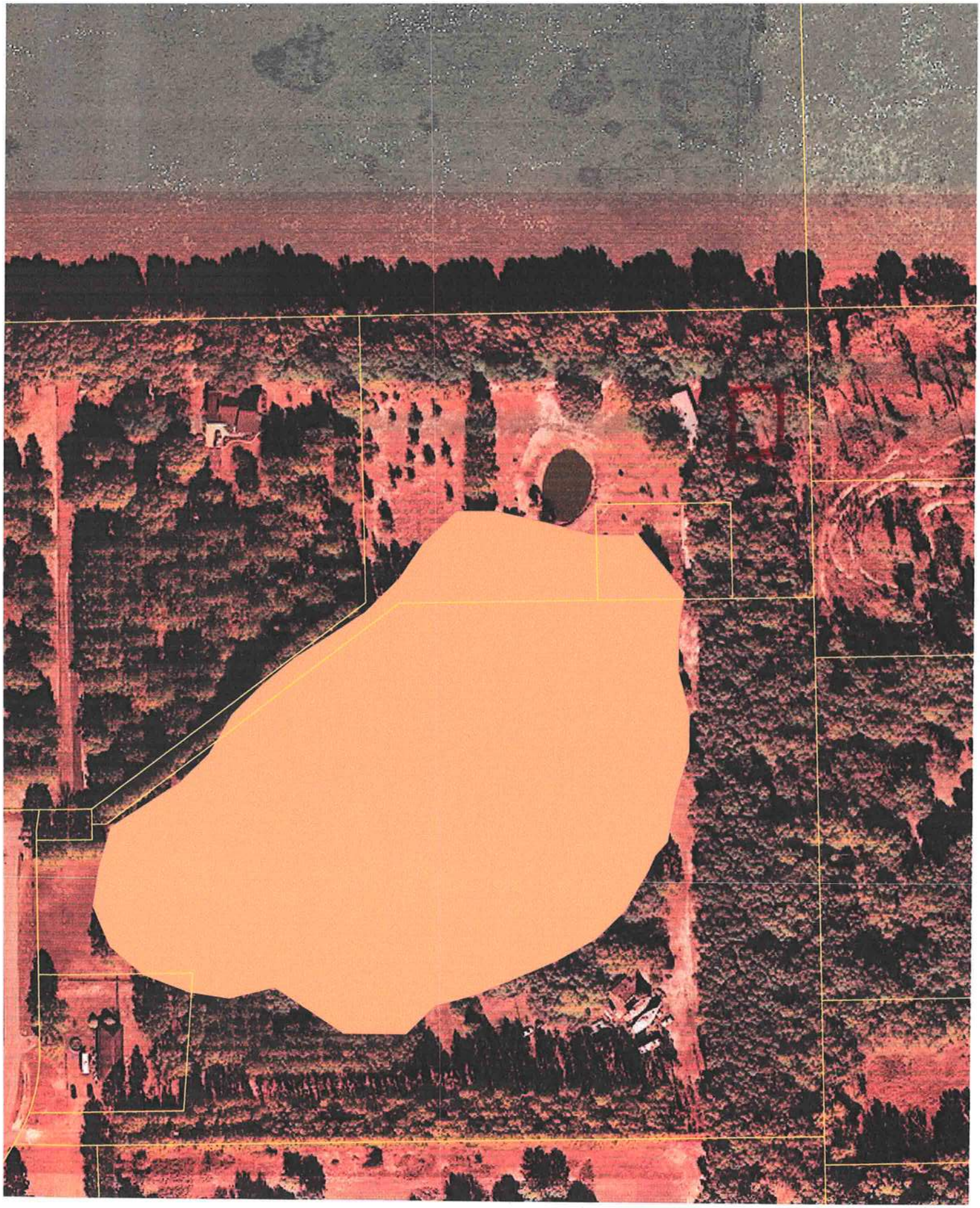
SEAL:

DE ETTE F. BROWN
MY COMMISSION # DD 578151
EXPIRES: October 22, 2010
Bonded Thru Notary Public Underwriters

Both Pages Must be Submitted to obtain a Building Permit.

Revised 12-30-08


SECTION 6, T
CO
NORTH LINE OF SW 1/4 OF NE 1/4
N 88°49'41" E 580.19' (M)
S 88°42'58" W 580.72' (D)
RLS 1519
PLS1095
PRM12
P.O.C.
NORTHE
SEC. 6
PLOT PLAN
EXISTING DRIVEWAY
EXISTING 4 BDRM. DBL WIDE MOBILE HOME
EXISTING WELL TO BE REUSED
EXISTING SEPTIC SYSTEM TO BE REUSED
TO BE MOVED OFF PROPERTY 6-3-09
EXISTING 60'x30' POLE BARN TO REMAIN
NEW 3 BDRM 2 BATH BRICK STRUCTURE W/2 CAR GARAGE
150'+-
500'+/-
30'
50'
N 01°14'03" W 375.74' (M)
S 01°20'09" E 376.00' (D)
EAST LINE OF SW 1/4 OF NE 1/4
S 01°38'31" E 375.49' (M)
N 01°38'31" W 376.00' (D)
N 88°48'08" E 175.00'
SEE DETAIL
0.50 AC. ±
N 01°38'31" W 125.00'
S 01°38'31" E 125.00'
FENCE 0.5'N OF SET REBAR
FENCE 0.3'W OF CM
4" WELL 10.5'N & 8.0'E OF LINE
N 88°48'08" E 302.65'
30.00'
FENCE 0.3'S & 0.8'W OF CM
257.42'
175.00'
105.00'
S 88°48'08" W 582.86' (M)
N 88°42'58" E 582.73' (D)
RLS 1519
RLS 1519 0.23'N OF LINE
45.57' (M)
S 52°20'47" W 441.83' (D)
INGRESS AND EGRESS EASEMENT
N 52°20'47" E 475.56' (D)
20.00'
N 88°42'58" E 18.36'
P.O.B. INGRESS AND EGRESS EASEMENT
P.O.B. DESCRIPTION
FENCE 1.4'S OF SET REBAR
PART OF SW 1/4 OF NE 1/4



0905-25

Columbia County Property Appraiser

DB Last Updated: 4/27/2009

Parcel: 06-4S-16-02787-008 HX

2009 Preliminary Values

Tax Record | Property Card | Interactive GIS Map | Print

<< Prev Search Result: 3 of 3

Owner & Property Info

Owner's Name	PALMATIER RICHARD C & DORIS M		
Site Address	DUCKETT		
Mailing Address	751 SW DUCKETT CT LAKE CITY, FL 32024		
Use Desc. (code)	MOBILE HOM (000200)		
Neighborhood	006416.00	**Tax District**	3
UD Codes	MKTA01	**Market Area**	01
Total Land Area	4.810 ACRES		
Description	BEG NE COR OF SW1/4 OF NE1/4, RUN W 580.72 FT, S 376 FT, S 52 DEG W 441.83 FT, S 20 FT, E 18.36 FT, N 52 DEG E 475.56 FT, E 537.20 FT, N 376 FT TO POB. EX .50 AC DESC IN ORB 991-2576. ORB 808-2013, WD 954-54.		

GIS Aerial

Property & Assessment Values

Mkt Land Value	cnt: (2)	$44,770.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (1)	$41,573.00
XFOB Value	cnt: (3)	$3,312.00
Total Appraised Value		$89,655.00

Just Value		$89,655.00
Class Value		$0.00
Assessed Value		$71,040.00
Exemptions	(code: HX)	$46,040.00
Total Taxable Value		County: $25,000.00 | City: $25,000.00 Other: $25,000.00 | School: $46,040.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
5/24/2002	954/54	WD	I	Q		$76,900.00
8/1/1995	808/2013	WD	I	U	09	$29,100.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	MOBILE HME (000800)	1996	Vinyl Side (31)	1904	1904	$41,573.00
	Note: All S.F. calculations are based on exterior building dimensions.					

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0190	FPLC PF	1995	$1,600.00	0000001.000	0 x 0 x 0	(000.00)
0296	SHED METAL	1995	$440.00	0000080.000	8 x 10 x 0	(000.00)
0166	CONC,PAVMT	1995	$1,272.00	0000001.000	0 x 0 x 0	(000.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000200	MBL HM (MKT)	0000004.810 AC	1.00/1.00/1.00/1.00	$8,892.00	$42,770.00
009945	WELL/SEPT (MKT)	0000001.000 UT - (0000000.000AC)	1.00/1.00/1.00/1.00	$2,000.00	$2,000.00

Columbia County Property Appraiser DB Last Updated: 4/27/2009

<< Prev 3 of 3

CLYATT WELL DRILLING, INC.

(Established in 1971)
Post Office Box 180
Worthington Springs, FL 32697
Phone (386)496-2488 *** FAX (386)496-4640

WELL DESCRIPTION

DESCRIPTION DATE

CUSTOMER NAME AND ADDRESS	DESCRIPTION OF WORK
Erkinger Home Builders Attn.: Matthew A. Erkinger 248 Southeast Nassau Street Lake City, Florida 32025	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.

FORM 1100A-08

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name:	905081ErkingerBuildersPalmatierRes	Builder Name:	Erkinger builders
Street:		Permit Office:	
City, State, Zip:	Lake City , FL ,	Permit Number:	
Owner:	Palmatier, Richard & Doris	Jurisdiction:	
Design Location:	FL, Gainesville		

1. New construction or existing	New (From Plans)
2. Single family or multiple family	Single-family
3. Number of units, if multiple family	1
4. Number of Bedrooms	3
5. Is this a worst case?	Yes
6. Conditioned floor area (ft²)	1454

7. Windows	Description	Area
a. U-Factor:	Dbl, default	177.00 ft²
SHGC:	Clear, default	
b. U-Factor:	Dbl, default	12.50 ft²
SHGC:	Clear, default	
c. U-Factor:	N/A	ft²
SHGC:		
d. U-Factor:	N/A	ft²
SHGC:		
e. U-Factor:	N/A	ft²
SHGC:		

8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	1454.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types	Insulation	Area
a. Face Brick - Wood, Exterior	R=13.0	1208.00 ft²
b. Frame - Wood, Adjacent	R=13.0	218.67 ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	1568.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts
a. Sup: Attic Ret: Interior AH: Interior Sup. R= 6, 150 ft²

12. Cooling systems
a. Central Unit — Cap: 32 kBtu/hr SEER: 13

13. Heating systems
a. Electric Heat Pump — Cap: 32 kBtu/hr HSPF: 7.8

14. Hot water systems
a. Electric — Cap: 40 gallons EF: 0.93

b. Conservation features
None

15. Credits — None

Glass/Floor Area: 0.130

Total As-Built Modified Loads: 28.25
Total Baseline Loads: 33.59

PASS

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

PREPARED BY: _____
DATE: 5/15/09

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

OWNER/AGENT: _____
DATE: _____

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

BUILDING OFFICIAL: _____
DATE: _____

PROJECT

Title:	905081ErkingerBuildersPalm	Bedrooms:	3	Adress Type:	Lot Information
Building Type:	FLAsBuilt	Bathrooms:	0	Lot #	
Owner:	Palmatier, Richard & Doris	Conditioned Area:	1454	SubDivision:	
# of Units:	1	Total Stories:	1	PlatBook:	06-4S-16-02787-008 H
Builder Name:	Erkinger builders	Worst Case:	Yes	Street:	
Permit Office:		Rotate Angle:	225	County:	Columbia
Jurisdiction:		Cross Ventilation:	No	City, State, Zip:	Lake City ,
Family Type:	Single-family	Whole House Fan:	No		FL ,
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

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

FLOORS

√	#	Floor Type	Perimeter	R-Value	Area	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	170 ft	0	1454 ft²	0.3	0.2	0.5

ROOF

√	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
_____	1	Hip	Composition shingles	1626 ft²	0 ft²	Dark	0.96	No	0	26.6 deg

ATTIC

√	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	303	1454 ft²	N	N

CEILING

√	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	30	1568 ft²	0.11	Wood

WALLS

√	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
_____	1	N	Exterior	Face Brick - Wood	13	289.33 ft²	0	0.23	0.75
_____	2	S	Exterior	Face Brick - Wood	13	293.33 ft²	0	0.23	0.75
_____	3	E	Exterior	Face Brick - Wood	13	433.33 ft²	0	0.23	0.75
_____	4	W	Exterior	Face Brick - Wood	13	162.67 ft²	0	0.23	0.75
_____	5	SW	Exterior	Face Brick - Wood	13	29.33 ft²	0	0.23	0.75
_____	6	??	Garage	Frame - Wood	13	218.67 ft²		0.23	0.01

DOORS

√	#	Ornt	Door Type	Storms	U-Value	Area
_____	1	E	Insulated	None	0.46	15.6 ft²
_____	2	W	Insulated	None	0.46	20 ft²
_____	3	??	Insulated	None	0.46	20 ft²
_____	4	N	Insulated	None	0.46	15.6 ft²

WINDOWS

Window orientation below is as entered. Actual orientation is modified by rotate angle shown in "Project" section above.

√	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang Depth	Overhang Separation	Int Shade	Screening
_____	1	N	Metal	Double (Clear)	No	0.8	0.7	N	6 ft²	0 ft 18 in	0 ft 12 in	HERS 2006	None
_____	2	N	Metal	Double (Clear)	No	0.8	0.7	N	20 ft²	0 ft 18 in	0 ft 12 in	HERS 2006	None
_____	3	E	Metal	Double (Clear)	No	0.8	0.7	N	20 ft²	0 ft 140 in	0 ft 12 in	HERS 2006	None
_____	4	N	Metal	Double (Clear)	No	0.8	0.7	N	20 ft²	0 ft 196 in	0 ft 12 in	HERS 2006	None
_____	5	E	Metal	Double (Clear)	No	0.8	0.7	N	20 ft²	0 ft 18 in	0 ft 12 in	HERS 2006	None
_____	6	E	Metal	Double (Clear)	No	0.8	0.7	N	15 ft²	0 ft 18 in	0 ft 12 in	HERS 2006	None
_____	7	S	Metal	Double (Clear)	No	0.8	0.7	N	30 ft²	0 ft 18 in	0 ft 12 in	HERS 2006	None
_____	8	S	Metal	Double (Clear)	No	0.8	0.7	N	6 ft²	0 ft 18 in	0 ft 12 in	HERS 2006	None
_____	9	W	Metal	Double (Clear)	No	0.8	0.7	N	15 ft²	0 ft 18 in	0 ft 12 in	HERS 2006	None
_____	10	S	Metal	Double (Clear)	No	0.8	0.7	N	12.5 ft²	0 ft 78 in	0 ft 12 in	HERS 2006	None
_____	11	SW	Metal	Double (Clear)	No	0.8	0.7	N	12.5 ft²	0 ft 96 in	0 ft 12 in	HERS 2006	None
_____	12	W	Metal	Double (Clear)	No	0.87	0.66	N	12.5 ft²	0 ft 286 in	0 ft 12 in	HERS 2006	None

INFILTRATION & VENTING

√	Method	SLA	CFM 50	ACH 50	ELA	EqLA	---- Forced Ventilation ---- Supply CFM	Exhaust CFM	Run Time Fraction	Fan Watts
_____	Default	0.00036	1373	7.08	75.4	141.8	0 cfm	0 cfm	0	0

GARAGE

√	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
_____	1	606.09 ft²	606.09 ft²	72 ft	8 ft	11

COOLING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ductless
_____	1	Central Unit	None	SEER: 13	32 kBtu/hr	960 cfm	0.75	

HEATING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Ductless
_____	1	Electric Heat Pump	None	HSPF: 7.8	32 kBtu/hr	

HOT WATER SYSTEM

√	#	System Type	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	0.93	40 gal	60 gal	120 deg	None

SOLAR HOT WATER SYSTEM

√	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
_____	None	None			ft²		

DUCTS

√	#	---- Supply ---- Location	R-Value	Area	---- Return ---- Location	Area	Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
_____	1	Attic	6	150 ft²	Interior	0 ft²	Default Leakage	Interior				

TEMPERATURES

Programable Thermostat: N

Ceiling Fans:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Cooling	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]
Heating	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]
Venting	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]	[X]

Thermostat Schedule: HERS 2006 Reference

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

FORM 1100A-08

Code Compliance Cheklist

Residential Whole Building Performance Method A - Details

ADDRESS:	PERMIT #:
Lake City, FL,	

INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 84

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

1. New construction or existing		New (From Plans)
2. Single family or multiple family		Single-family
3. Number of units, if multiple family		1
4. Number of Bedrooms		3
5. Is this a worst case?		Yes
6. Conditioned floor area (ft²)		1454
7. Windows**	Description	Area
a. U-Factor:	Dbl, default	177.00 ft²
SHGC:	Clear, default	
b. U-Factor:	Dbl, default	12.50 ft²
SHGC:	Clear, default	
c. U-Factor:	N/A	ft²
SHGC:		
d. U-Factor:	N/A	ft²
SHGC:		
e. U-Factor:	N/A	ft²
SHGC:		

8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	1454.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types	Insulation	Area
a. Face Brick - Wood, Exterior	R=13.0	1208.00 ft²
b. Frame - Wood, Adjacent	R=13.0	218.67 ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	1568.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts
a. Sup: Attic Ret: Interior AH: Interior Sup. R= 6, 150 ft²

12. Cooling systems
a. Central Unit — Cap: 32 kBtu/hr, SEER: 13

13. Heating systems
a. Electric Heat Pump — Cap: 32 kBtu/hr, HSPF: 7.8

14. Hot water systems
a. Electric — Cap: 40 gallons, EF: 0.93

b. Conservation features
None

15. Credits — None

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

Builder Signature: _____ Date: 5/18/09

Address of New Home: 751 SW Duckett Ct City/FL Zip: Lake City, FL 32055

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

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

09-0292E

STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM
CONSTRUCTION INSPECTION AND FINAL APPROVAL

PERMIT NO. 922049
DATE PAID: 5/14/09
FEE PAID: 125.00
RECEIPT #: 116303

APPLICANT: RICHARD + DORIS PALMATIER

AGENT: ERKINGER HOME BUILDERS

PROPERTY ADDRESS: 751 SW DUCKETT COURT, LAKE CITY

LOT: ____ BLOCK: ____ SUBDIVISION: NA PROPERTY ID #: 06-4S-16-02787-008

CHECKED [X] ITEMS ARE NOT IN COMPLIANCE WITH STATUTE OR RULE AND MUST BE CORRECTED.

TANK INSTALLATION

[ ] [01] TANK SIZE [1]_____ [2]_____
[ ] [02] TANK MATERIAL _____
[ ] [03] OUTLET DEVICE
[ ] [04] MULTI-CHAMBERED [Y / N]
[ ] [05] OUTLET FILTER _____
[ ] [06] LEGEND _____
[ ] [07] WATERTIGHT EXISTS
[ ] [08] LEVEL
[ ] [09] DEPTH TO LID

DRAINFIELD INSTALLATION

[ ] [10] AREA [1]_____ [2]_____SQFT
[ ] [11] DISTRIBUTION BOX ___ HEADER ___
[ ] [12] NUMBER OF DRAINLINES _____
[ ] [13] DRAINLINE SEPARATION
[ ] [14] DRAINLINE SLOPE
[ ] [15] DEPTH OF COVER
[ ] [16] ELEVATION [ABOVE/BELOW] BM ___
[ ] [17] SYSTEM LOCATION
[ ] [18] DOSING PUMPS _____
[ ] [19] AGGREGATE SIZE
[ ] [20] AGGREGATE EXCESSIVE FINES
[ ] [21] AGGREGATE DEPTH

FILL / EXCAVATION MATERIAL

[ ] [22] FILL AMOUNT
[ ] [23] FILL TEXTURE
[ ] [24] EXCAVATION DEPTH EXISTS
[ ] [25] AREA REPLACED
[ ] [26] REPLACEMENT MATERIAL

SETBACKS

[ ] [27] SURFACE WATER _____ FT
[ ] [28] DITCHES _____ FT
[ ] [29] PRIVATE WELLS 90' FT
[ ] [30] PUBLIC WELLS _____ FT
[ ] [31] IRRIGATION WELLS _____ FT
[ ] [32] POTABLE WATER LINES _____ FT
[ ] [33] BUILDING FOUNDATION _____ FT
[ ] [34] PROPERTY LINES 125.150 FT
[ ] [35] OTHER NA FT

FILLED / MOUND SYSTEM

[ ] [36] DRAINFIELD COVER
[ ] [37] SHOULDERS
[ ] [38] SLOPES
[ ] [39] STABILIZATION _____

ADDITIONAL INFORMATION

[ ] [40] UNOBSTRUCTED AREA
[ ] [41] STORMWATER RUNOFF
[ ] [42] ALARMS
[ ] [43] MAINTENANCE AGREEMENT
[ ] [44] BUILDING AREA
[ ] [45] LOCATION CONFORMS WITH SITE PLAN
[ ] [46] FINAL SITE GRADING
[ ] [47] CONTRACTOR _____
[ ] [48] OTHER _____

ABANDONMENT

[ ] [49] TANK PUMPED __/__/__
[ ] [50] TANK CRUSHED & FILLED __/__/__

EXPLANATION OF VIOLATIONS / REMARKS:

[ ] HOLD FOR 32, 33 & plumbing Connection
[ ]
[ ]
[ ]

CONSTRUCTION [APPROVED/DISAPPROVED]: Selbe Ind Columbia CHD DATE: 5-27-09

FINAL SYSTEM [APPROVED/DISAPPROVED]: _____ _____ CHD DATE: _____

DH 4016, 10/97 (Previous Editions May Be Used)

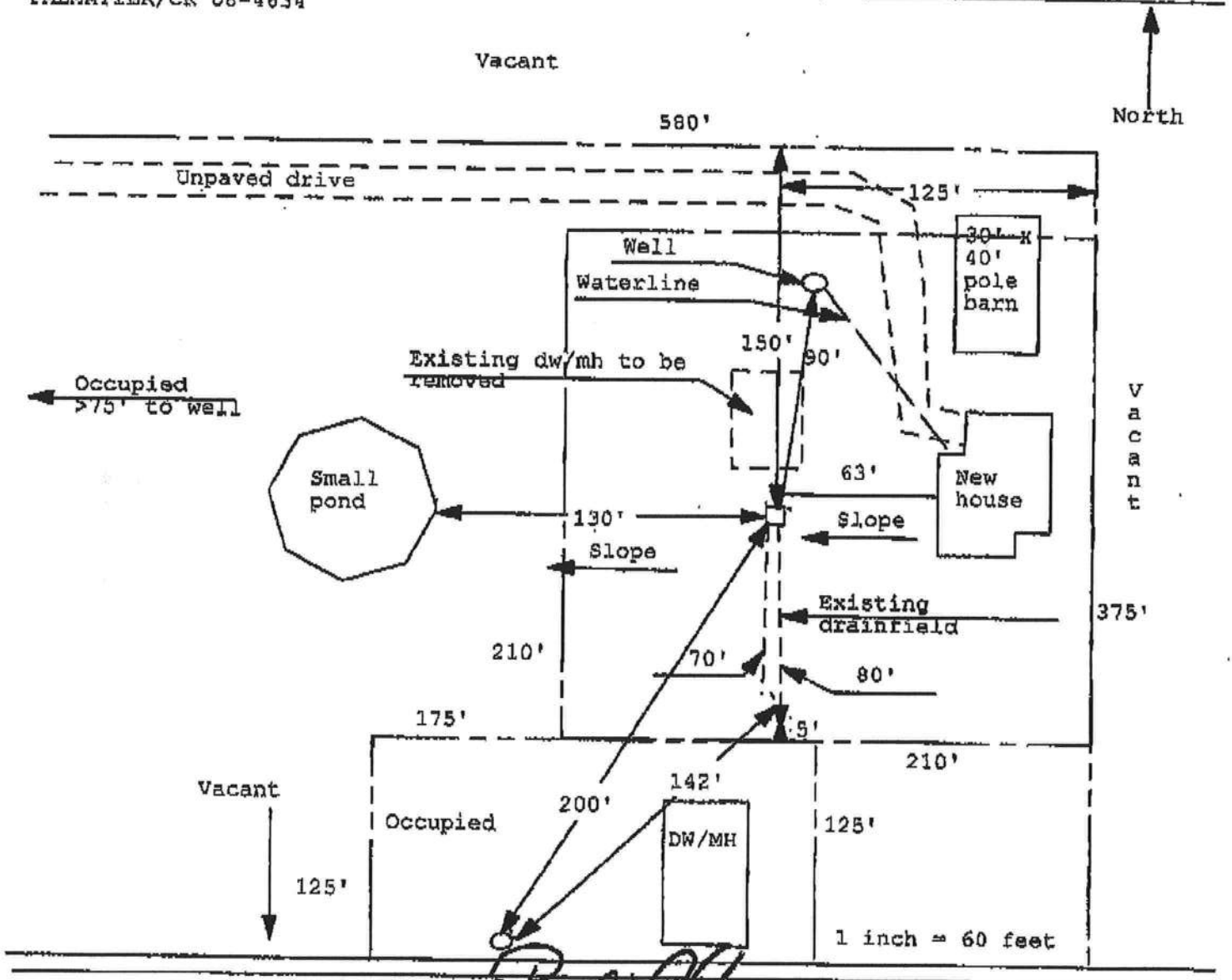
APPLICANT

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 09-0292E

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

PALMATIER/CR 08-4634



Site Plan Submitted By Paul Palmatier Date 5/14/09

Plan Approved X Not Approved Date

By Sallie Ford EH Director COLUMBIA CPHU

Notes: 5.27.09

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
 Document ID:1TRK8228Z0411152202

Truss Fabricator:	Anderson Truss Company
Job Identification:	9-107--Erkinger Home Builders Palmatier -- , **
Truss Count:	29
Model Code:	Florida Building Code 2007 and 2009 Supplement
Truss Criteria:	FBC2007Res/TPI-2002(STD)
Engineering Software:	Alpine Software,Version 8.07.
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:

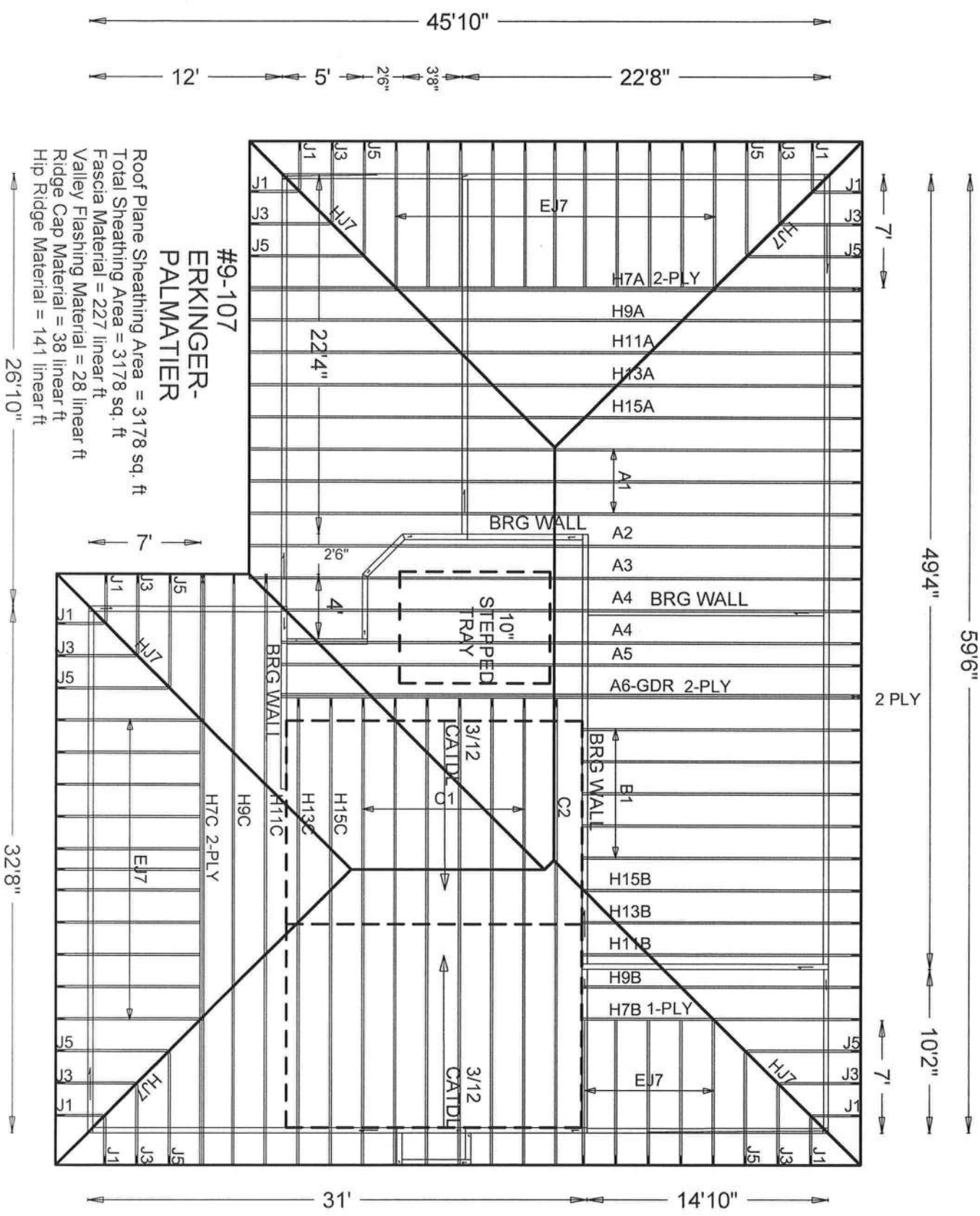
1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR8228

Details: BRCLBSUB-

Seal Date: 05/11/2009

-Truss Design Engineer-
Doug Fleming
Florida License Number: 66648
1950 Marley Drive
Haines City, FL 33844

#	Ref	Description	Drawing#	Date
1	56971	H7A	09131004	05/11/09
2	56972	H9A	09131005	05/11/09
3	56973	H11A	09131006	05/11/09
4	56974	H13A	09131007	05/11/09
5	56975	H15A	09131008	05/11/09
6	56976	A1	09131009	05/11/09
7	56977	A2	09131010	05/11/09
8	56978	A3	09131011	05/11/09
9	56979	A4	09131012	05/11/09
10	56980	A5	09131013	05/11/09
11	56981	A6-GDR	09131018	05/11/09
12	56982	H7B	09131019	05/11/09
13	56983	H9B	09131020	05/11/09
14	56984	H11B	09131021	05/11/09
15	56985	H13B	09131022	05/11/09
16	56986	H15B	09131023	05/11/09
17	56987	B1	09131024	05/11/09
18	56988	H7C	09131025	05/11/09
19	56989	H9C	09131026	05/11/09
20	56990	H11C	09131027	05/11/09
21	56991	H13C	09131017	05/11/09
22	56992	H15C	09131016	05/11/09
23	56993	C1	09131015	05/11/09
24	56994	C2	09131014	05/11/09
25	56995	J1	09131028	05/11/09
26	56996	HJ7	09131029	05/11/09
27	56997	J3	09131030	05/11/09
28	56998	J5	09131031	05/11/09
29	56999	EJ7	09131032	05/11/09



JOB DESCRIPTION:: Erkinger Home Builders
/: Palmatier

JOB NO: 9-107

PAGE NO: 1 OF 1

(9-107--Erkinger Home Builders Palmatier -- , ** - H7A)

Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP #2:
Bot chord 2x6 SP #2
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. 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(+/-)=0.55

Wind reactions based on MWFRS pressures.

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

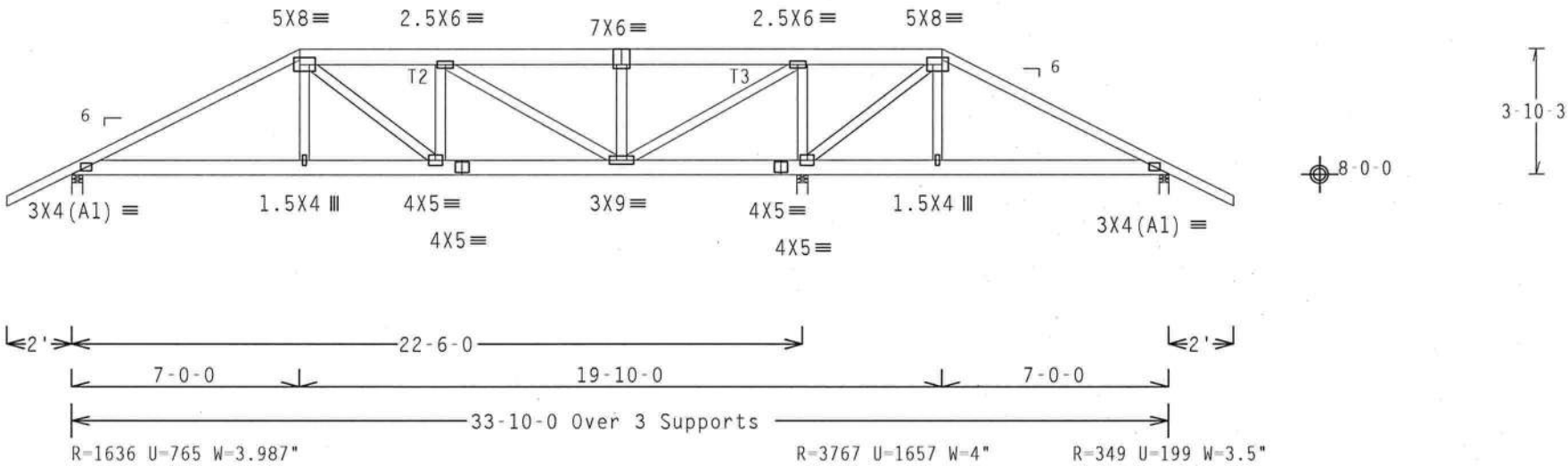
Deflection meets L/360 live and L/240 total load.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Roof overhang supports 2.00 psf soffit load.

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



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL C[illegible]

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSITITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible]11 '09

TC LL	20.0 PSF	REF	R8228- 56971
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131004
BC LL	0.0 PSF		HC-ENG TCE/DF
TOT.LD.	40.0 PSF	SEQN-	22851
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

(9-107--Erkinger Home Builders Palmatier -- , ** - H9A)

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

Roof overhang supports 2.00 psf soffit load.

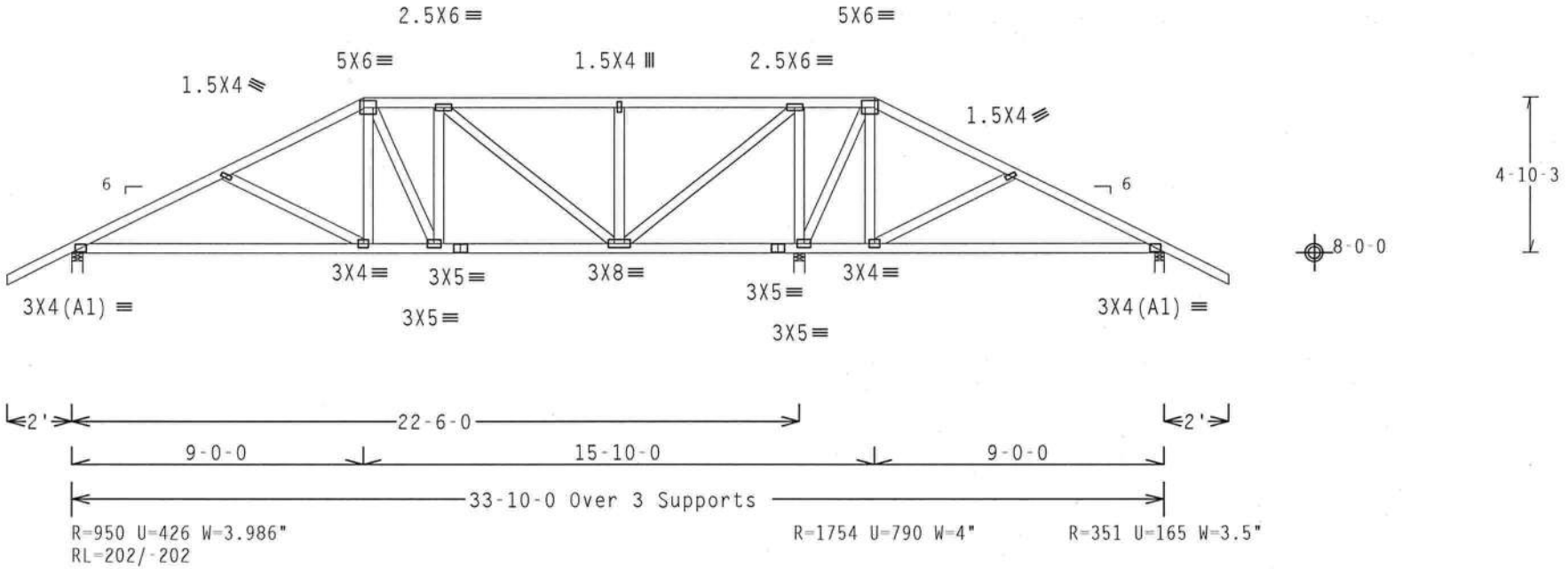
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART._ENC. 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(+/-)=0.55

Wind reactions based on MWFRS pressures.

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

Deflection meets L/360 live and L/240 total load.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL CO

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 11 '09

TC LL	20.0 PSF	REF	R8228- 56972
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131005
BC LL	0.0 PSF	HC-ENG	TCE/DF
TOT.LD.	40.0 PSF	SEQN-	22856
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

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.

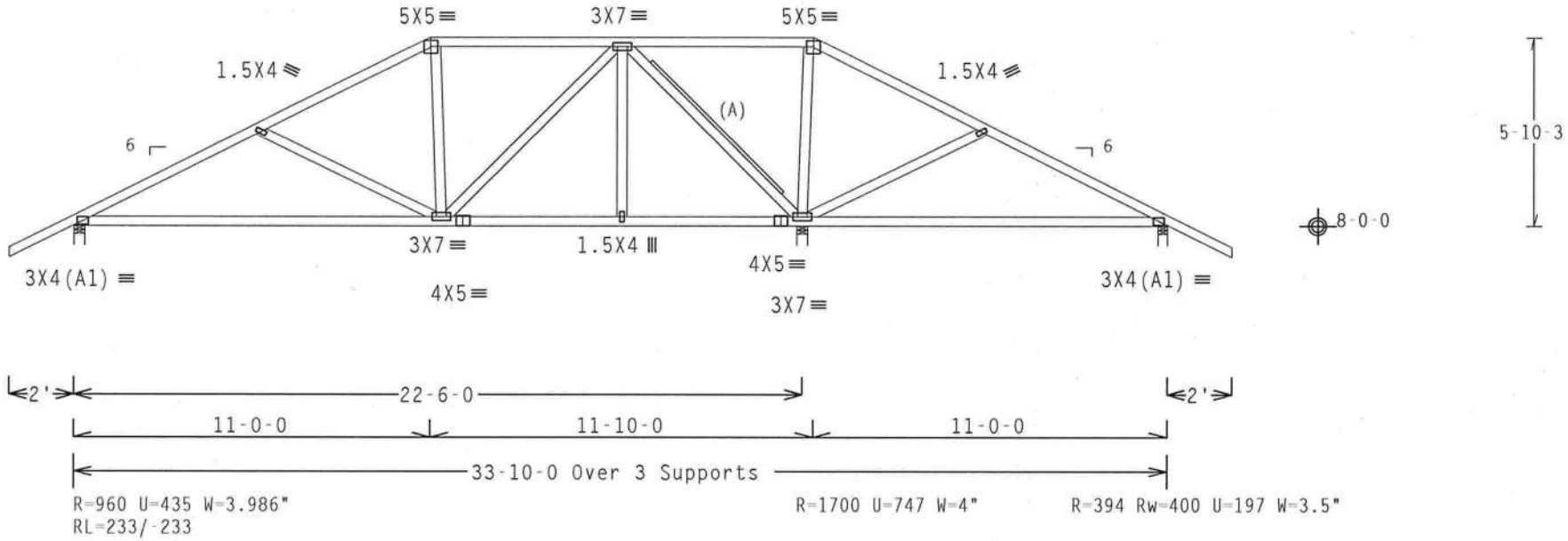
Deflection meets L/360 live and L/240 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. 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(+/-)=0.55

Wind reactions based on MWFRS pressures.

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

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



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL Co[illegible]278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 11 '09

TC LL	20.0 PSF	REF	R8228- 56973
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131006
BC LL	0.0 PSF		HC-ENG TCE/DF
TOT.LD.	40.0 PSF	SEQN-	22865
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

(9-107--Erkinger Home Builders Palmatier -- , ** - H13A)

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.

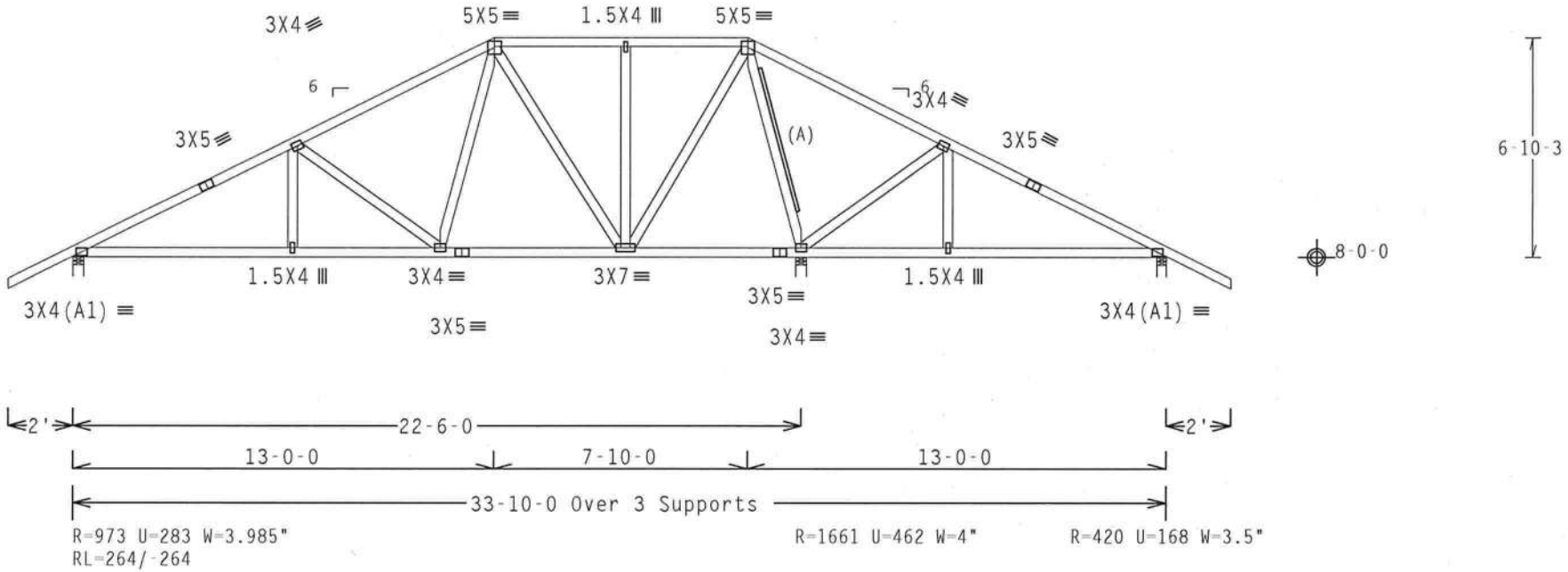
Deflection meets L/360 live and L/240 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. 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(+/-)=0.55

Wind reactions based on MWFRS pressures.

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

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



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL C[illegible]78

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
11 '09

TC LL	20.0 PSF	REF	R8228- 56974
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131007
BC LL	0.0 PSF		HC-ENG TCE/DF
TOT.LD.	40.0 PSF	SEQN-	22870
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

(9-107--Erkinger Home Builders Palmatier -- , ** - H15A)

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.

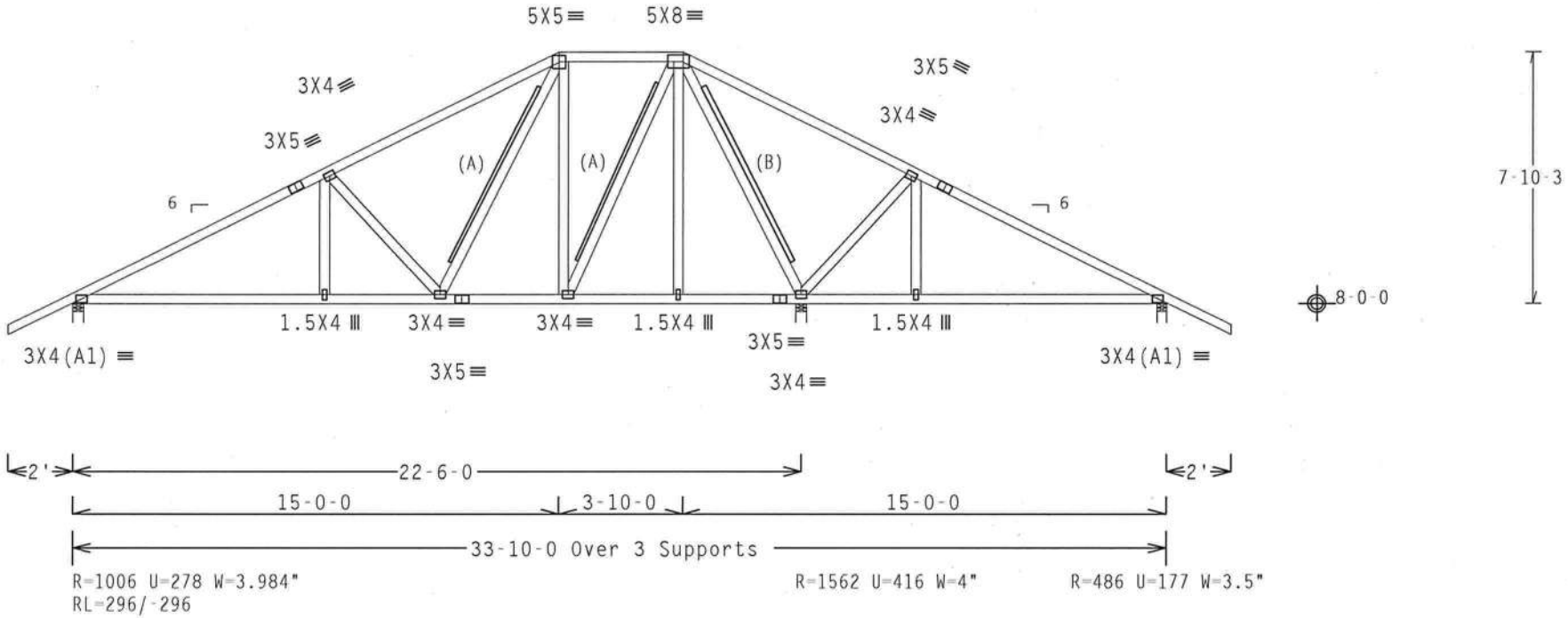
Deflection meets L/360 live and L/240 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART._ENC. 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(+/-)=0.55

Wind reactions based on MWFRS pressures.

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

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



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00.1[illegible]4 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL C[illegible]278

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DOUGLAS FLEMING LICENSE No 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
MAY 11 '09

TC LL	20.0 PSF	REF	R8228- 56975
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131008
BC LL	0.0 PSF		HC-ENG TCE/DF
TOT.LD.	40.0 PSF	SEQN-	22876
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

(9-107--Erkinger Home Builders Palmatier -- , ** - A1)

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

Roof overhang supports 2.00 psf soffit load.

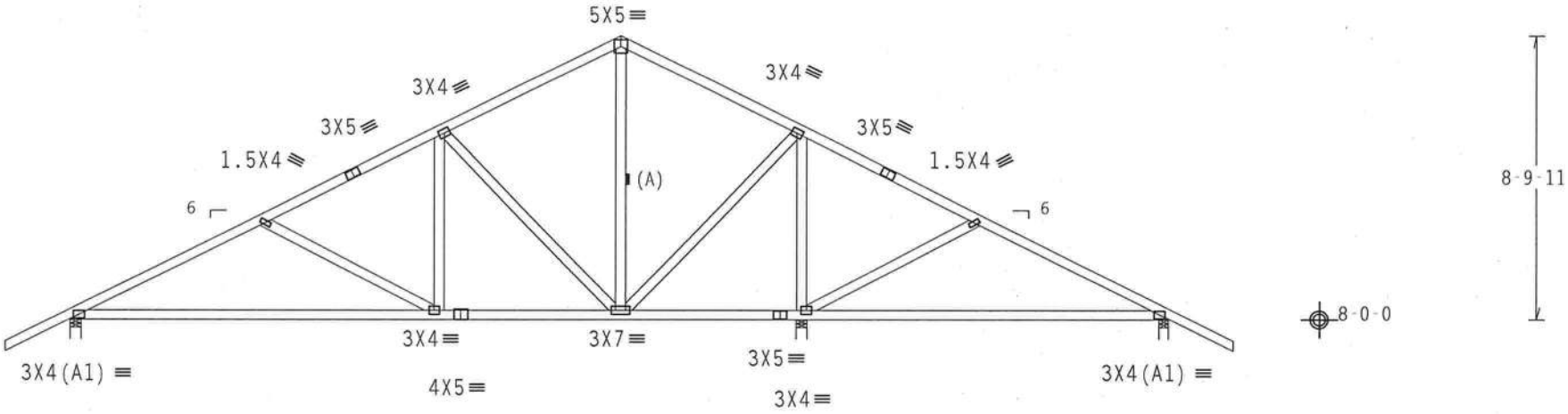
(A) Continuous lateral bracing equally spaced on member.

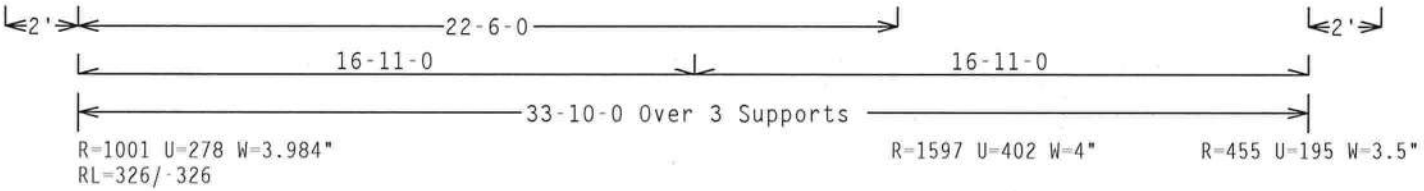
Deflection meets L/360 live and L/240 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. 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(+/-)=0.55

Wind reactions based on MWFRS pressures.

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





R=1001 U=278 W=3.984"
RL=326/-326

R=1597 U=402 W=4"

R=455 U=195 W=3.5"

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:3 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

11 '09

TC LL	20.0 PSF	REF	R8228- 56976
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131009
BC LL	0.0 PSF		HC-ENG TCE/DF
TOT.LD.	40.0 PSF	SEQN-	22881
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

(9-107--Erkinger Home Builders Palmatier -- , ** - A2)

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

Roof overhang supports 2.00 psf soffit load.

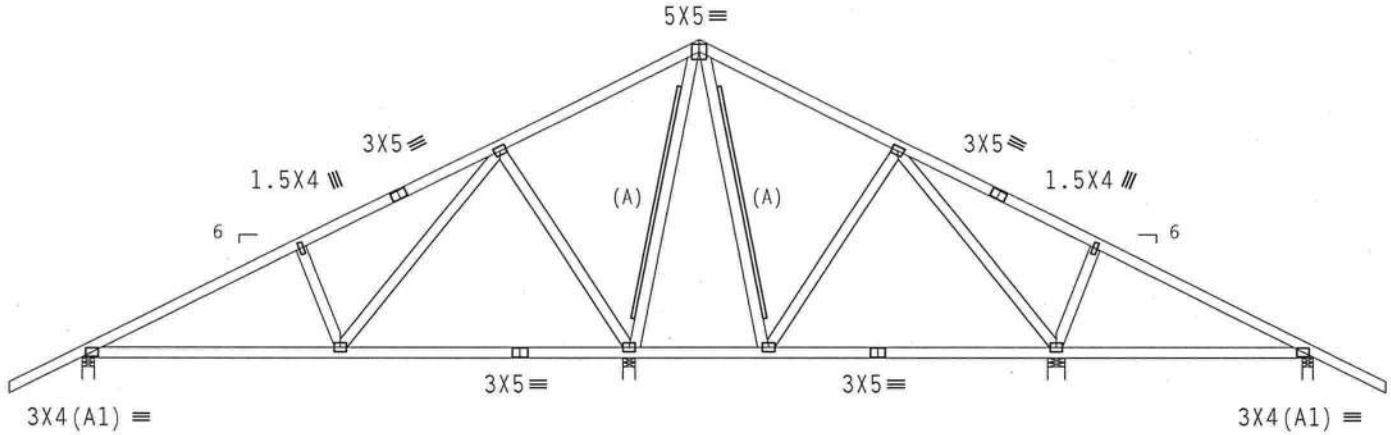
(A) 1x4 #3SRB SPF-S or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

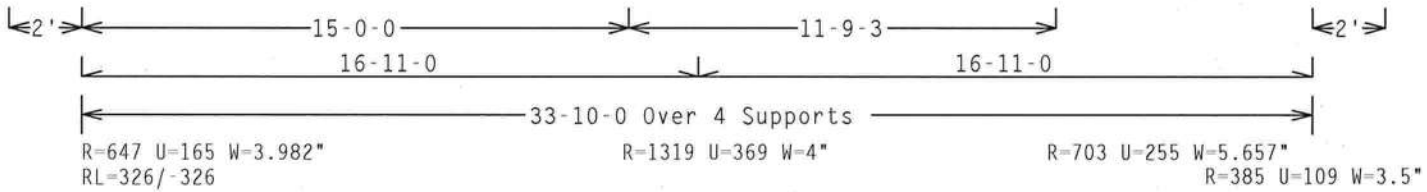
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

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

Deflection meets L/360 live and L/240 total load.





Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 1 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
11 '09

TC LL	20.0 PSF	REF	R8228- 56977
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131010
BC LL	0.0 PSF		HC-ENG TCE/DF
TOT.LD.	40.0 PSF	SEQN-	22909
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

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

Roof overhang supports 2.00 psf soffit load.

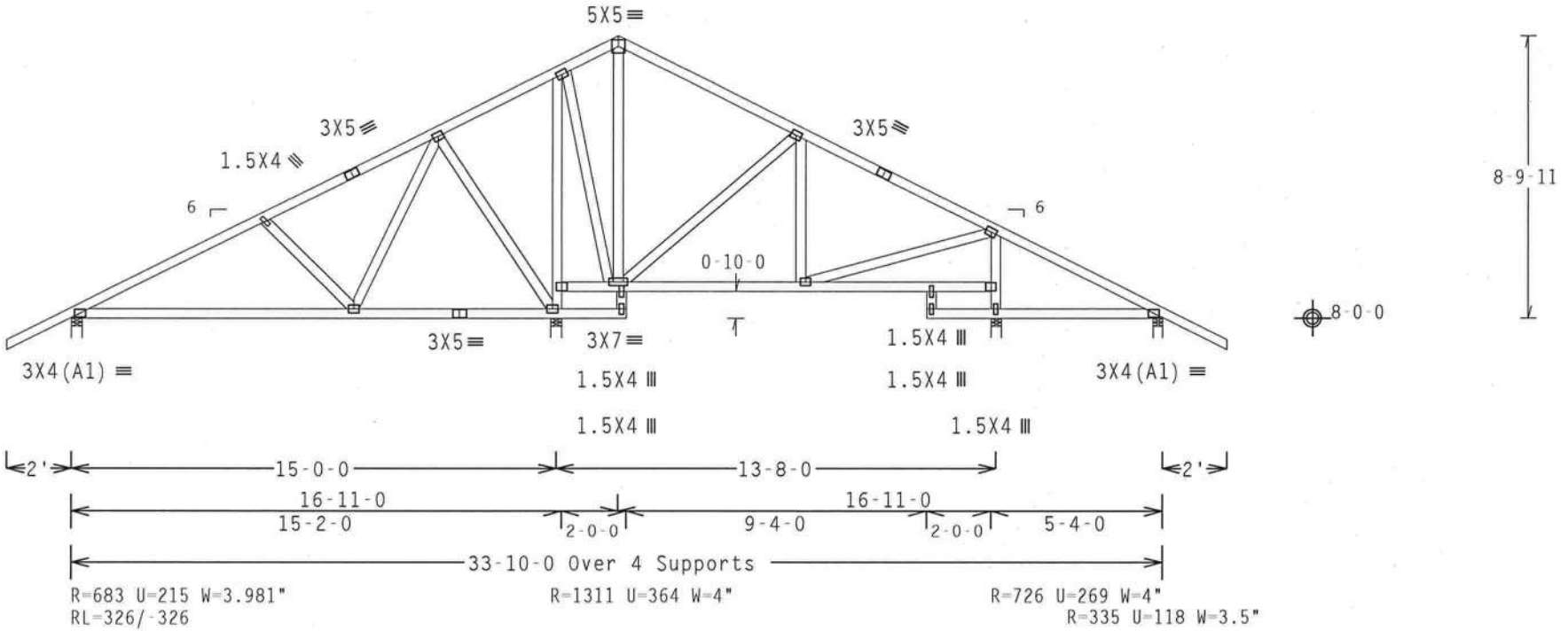
Bottom chord checked for 10.00 psf non-concurrent live load.

Laterally brace Bottom Chord above filler at 24" oc, including a lateral brace at chord ends.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. 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(+/-)=0.55

Wind reactions based on MWFRS pressures.

Deflection meets L/360 live and L/240 total load.



Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

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DOUBLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 11 '09

TC LL	20.0 PSF	REF	R8228- 56978
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131011
BC LL	0.0 PSF		HC-ENG TCE/DF
TOT.LD.	40.0 PSF	SEQN-	22966
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

(9-107--Erkinger Home Builders Palmatier -- , ** - A4)

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

Roof overhang supports 2.00 psf soffit load.

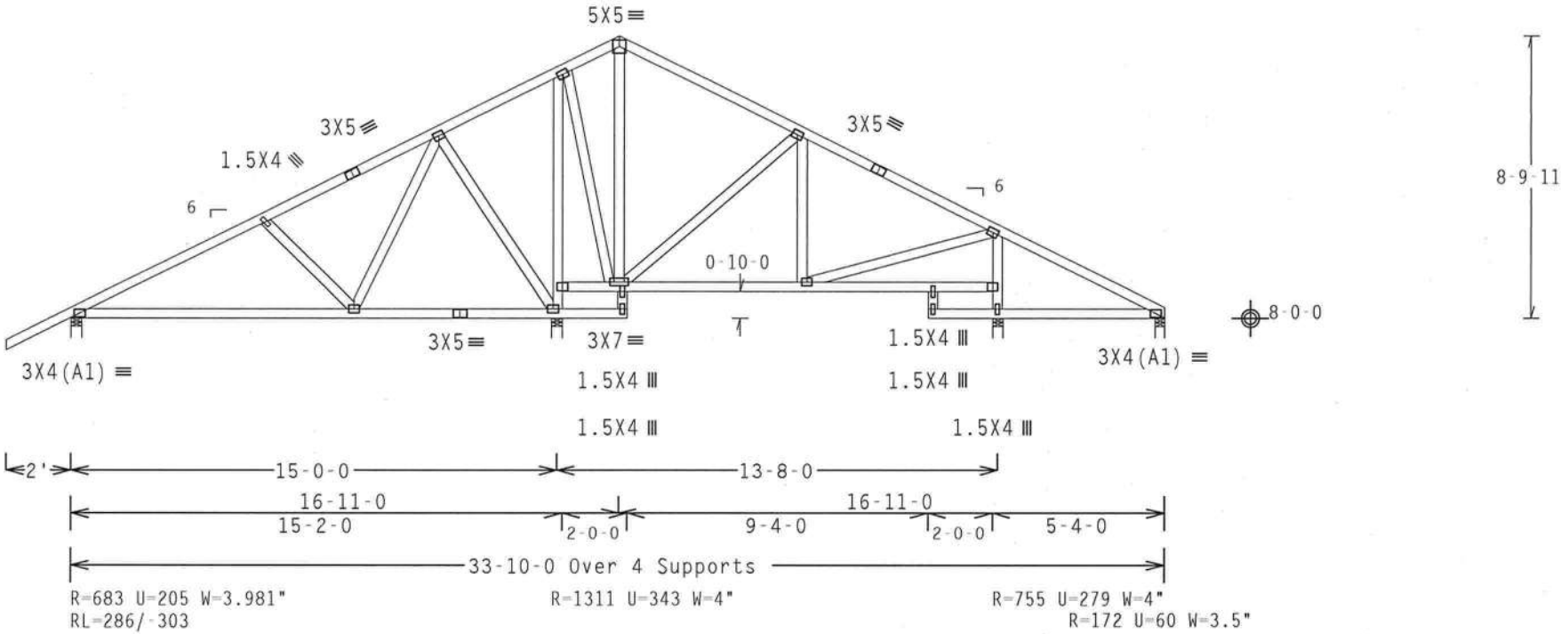
Bottom chord checked for 10.00 psf non-concurrent live load.

Laterally brace Bottom Chord above filler at 24" oc, including a lateral brace at chord ends.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. 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(+/-)=0.55

Wind reactions based on MWFRS pressures.

Deflection meets L/360 live and L/240 total load.



Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:2 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL CO[illegible]278

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 11 '09

TC LL	20.0 PSF	REF	R8228- 56979
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131012
BC LL	0.0 PSF		HC-ENG TCE/DF
TOT.LD.	40.0 PSF	SEQN-	22973
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

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

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

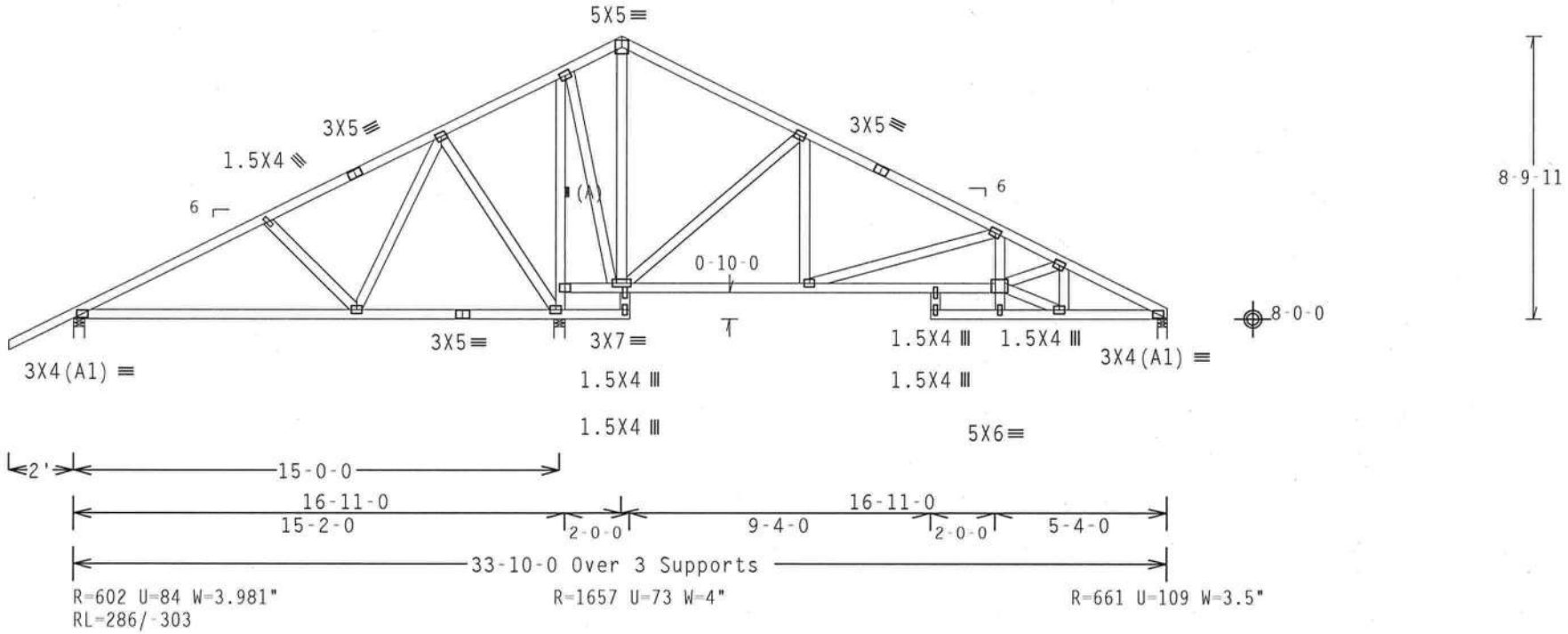
Deflection meets L/360 live and L/240 total load.

Laterally brace Bottom Chord above filler at 24" oc, including a lateral brace at chord ends.

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.

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



Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL C[illegible]78

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 11 '09

TC LL	20.0 PSF	REF	R8228- 56980
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131013
BC LL	0.0 PSF		HC-ENG TCE/DF
TOT.LD.	40.0 PSF	SEQN-	22980
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #2 :B2 2x6 SP #1 Dense:
:B3 2x6 SP SS:
Webs 2x4 SP #3 :W4, W5, 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 8.60
TC - From 62 PLF at 8.60 to 62 PLF at 16.92
TC - From 62 PLF at 16.92 to 62 PLF at 25.02
TC - From 62 PLF at 25.02 to 62 PLF at 33.83
BC - From 4 PLF at -2.00 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 12.00
BC - From 20 PLF at 12.00 to 20 PLF at 21.83
BC - From 20 PLF at 21.83 to 20 PLF at 33.83
BC - 1108 LB Conc. Load at 16.77, 18.77, 20.77, 22.77, 24.77
26.77, 28.77, 30.77, 32.77

Wind reactions based on MWFRS pressures.

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

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3"_Gun_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 5.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

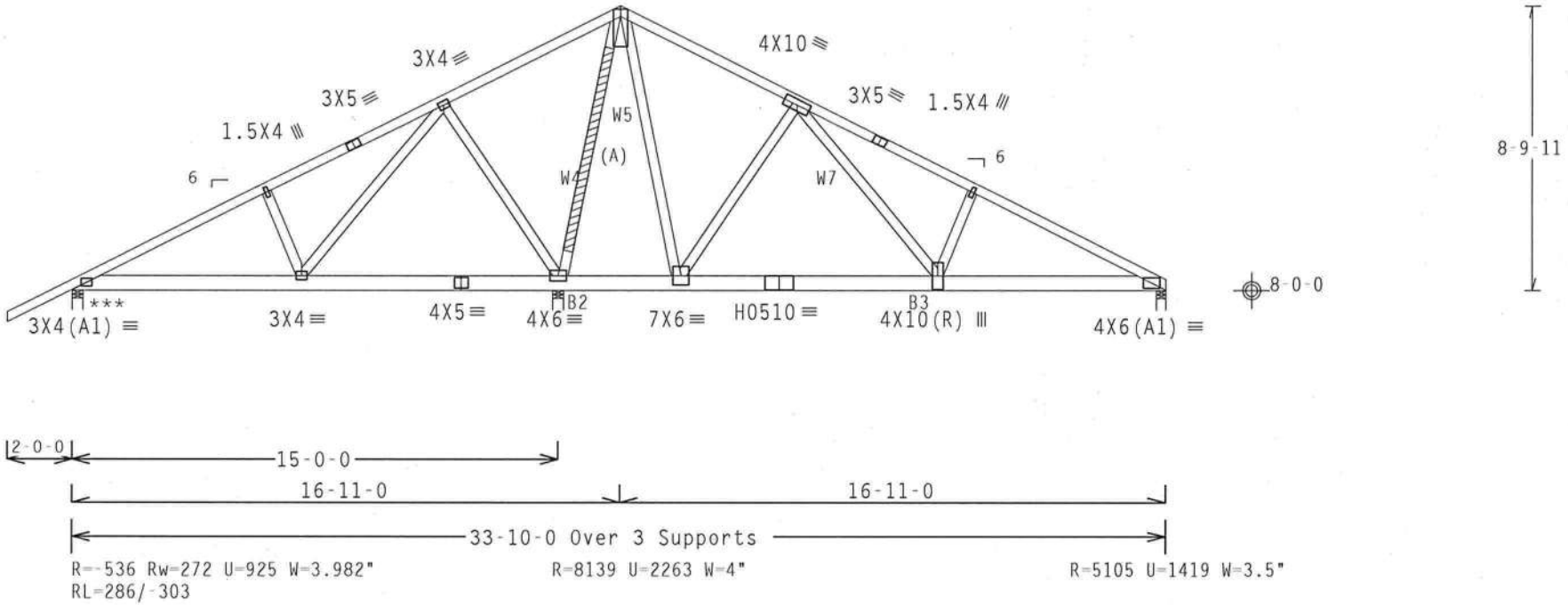
*** Negative reaction(s) of -536# MAX. (See below) from a non-wind load case requires uplift connection.

** The maximum horizontal reaction is 302# **

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

Roof overhang supports 2.00 psf soffit load.

Deflection meets L/360 live and L/240 total load.



PLT TYP. 20 Gauge HS,18 Gauge HS, Wave
Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)
8.07.00
QTY:1
FL/-/4/-/-/R/-
Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL C[illegible]278

DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

11 '09

TC LL	20.0 PSF	REF R8228- 56981
TC DL	10.0 PSF	DATE 05/11/09
BC DL	10.0 PSF	DRW HCUSR8228 09131018
BC LL	0.0 PSF	HC-ENG TCE/DF
TOT.LD.	40.0 PSF	SEQN- 23079
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TRK8228Z04

(9-107--Erkinger Home Builders Palmatier -- , ** - H7B)

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.

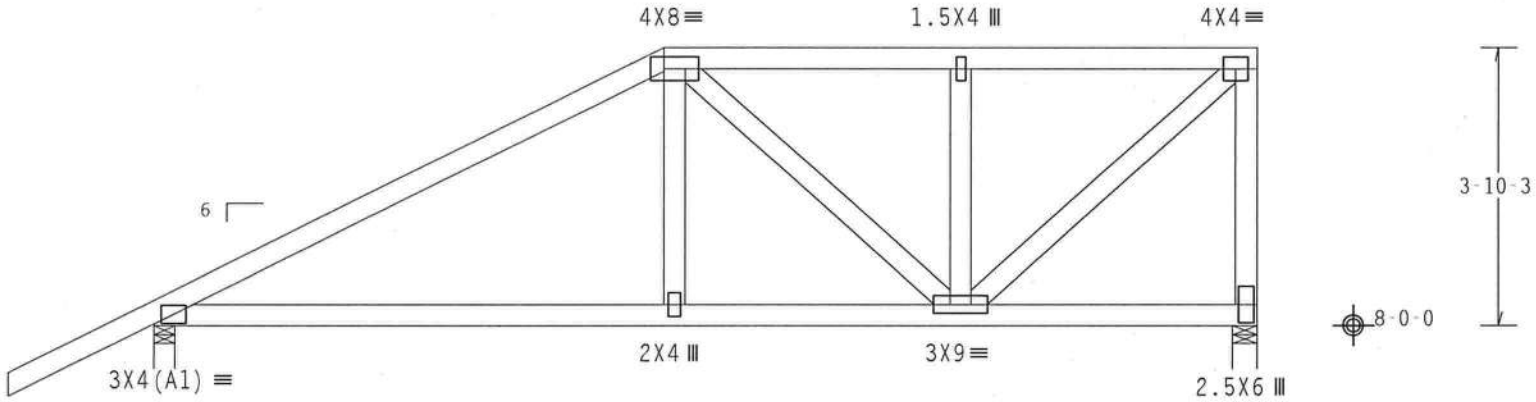
Deflection meets L/360 live and L/240 total load.

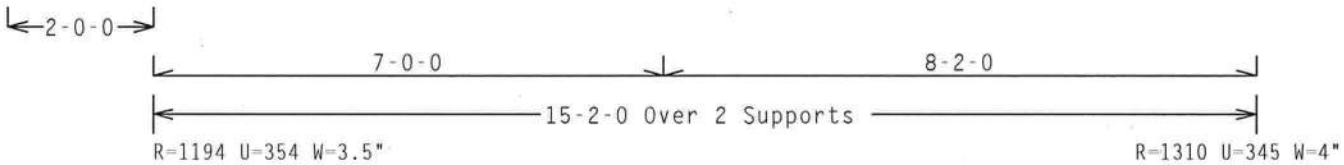
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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





Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL CO[illegible]278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 11 '09

TC LL	20.0 PSF	REF	R8228- 56982
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131019
BC LL	0.0 PSF		HC-ENG TCE/DF
TOT.LD.	40.0 PSF	SEQN-	23082
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

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.

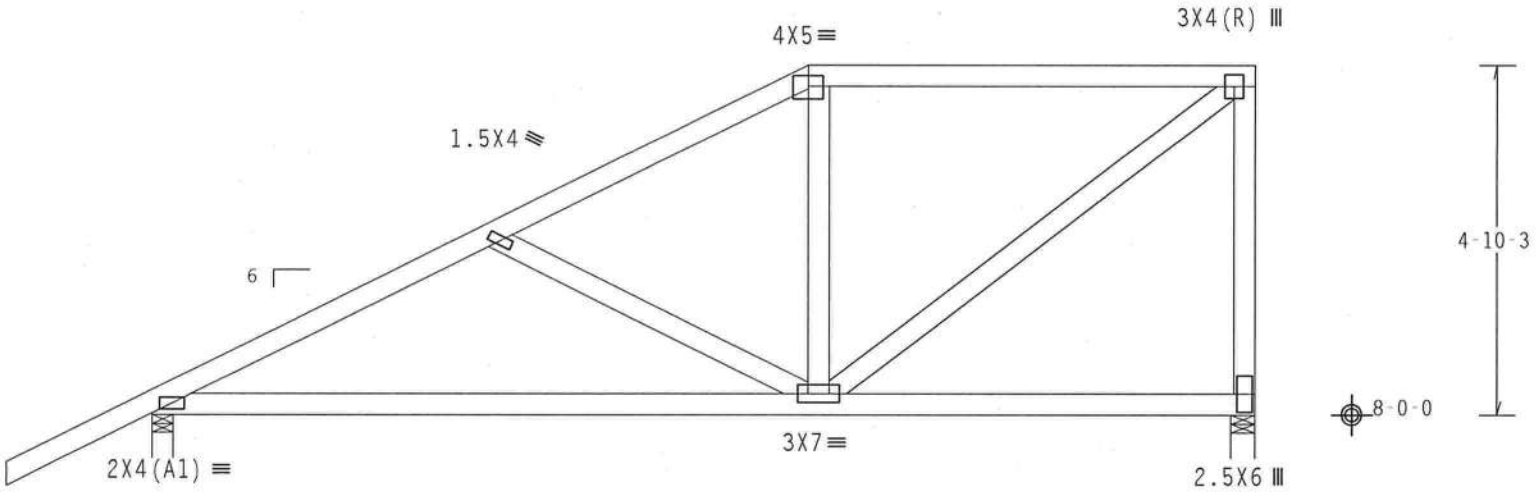
Deflection meets L/360 live and L/240 total load.

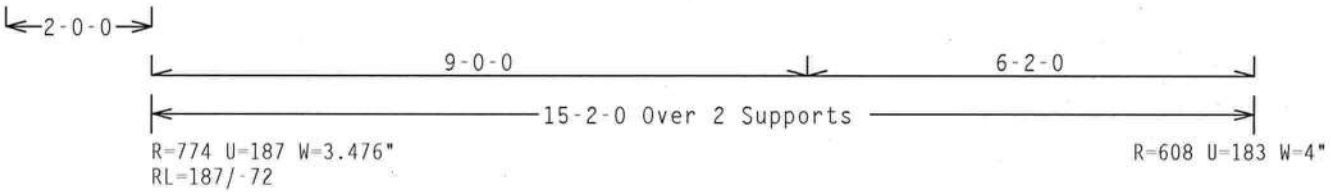
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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





Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL CO

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

May 11 '09

TC LL	20.0 PSF	REF	R8228- 56983
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131020
BC LL	0.0 PSF		HC-ENG TCE/DF *
TOT.LD.	40.0 PSF	SEQN-	23084
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

(9-107--Erkinger Home Builders Palmatier -- , ** - H11B)

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.

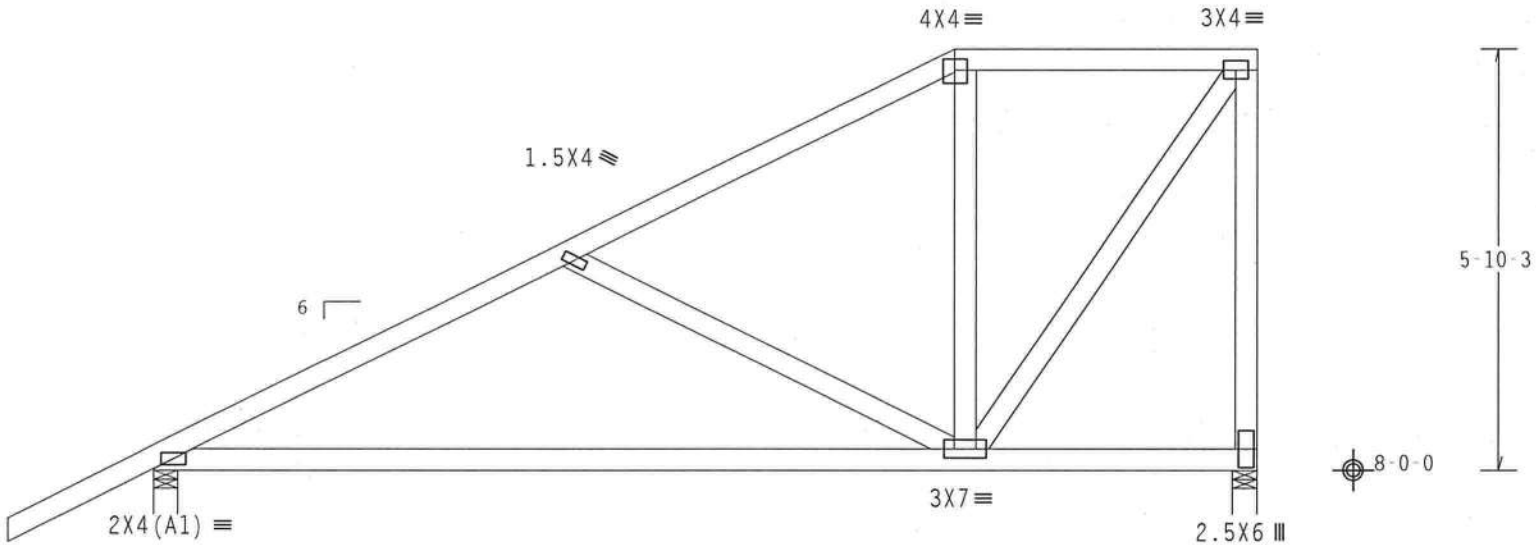
Deflection meets L/360 live and L/240 total load.

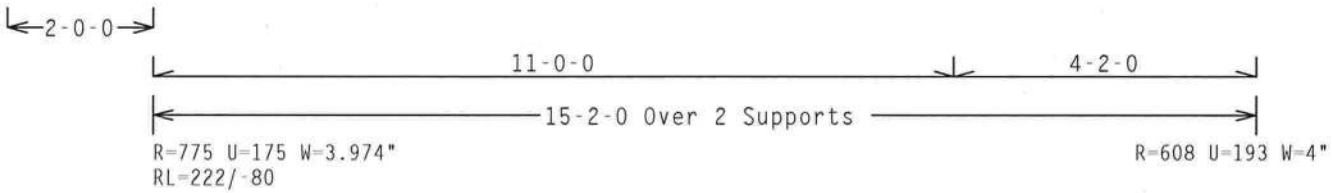
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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





Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
11 '09

TC LL	20.0 PSF	REF	R8228- 56984
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131021
BC LL	0.0 PSF	HC-ENG	TCE/DF *
TOT.LD.	40.0 PSF	SEQN-	23086
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

(9-107--Erkinger Home Builders Palmatier -- , ** - H13B)

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.

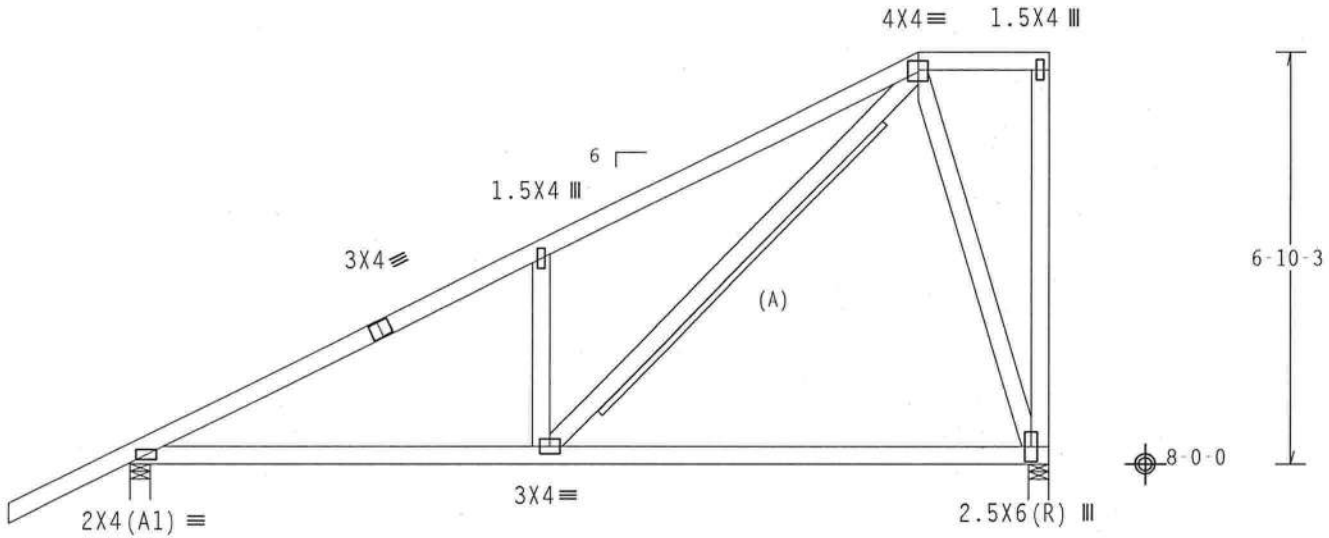
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

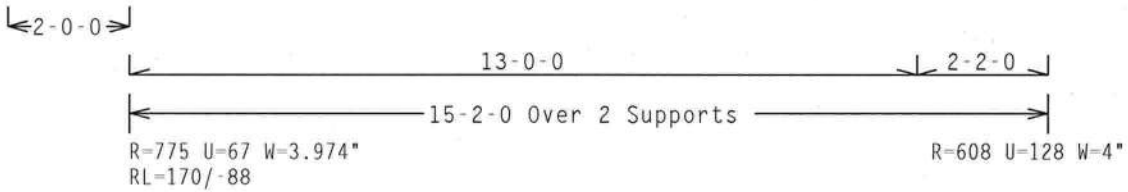
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

Deflection meets L/360 live and L/240 total load.





Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL C[illegible]

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible]11 '09

TC LL	20.0 PSF	REF	R8228- 56985
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131022
BC LL	0.0 PSF	HC-ENG	TCE/DF *
TOT.LD.	40.0 PSF	SEQN-	23092
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

(9-107--Erkinger Home Builders Palmatier -- , ** - H15B)

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

Roof overhang supports 2.00 psf soffit load.

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

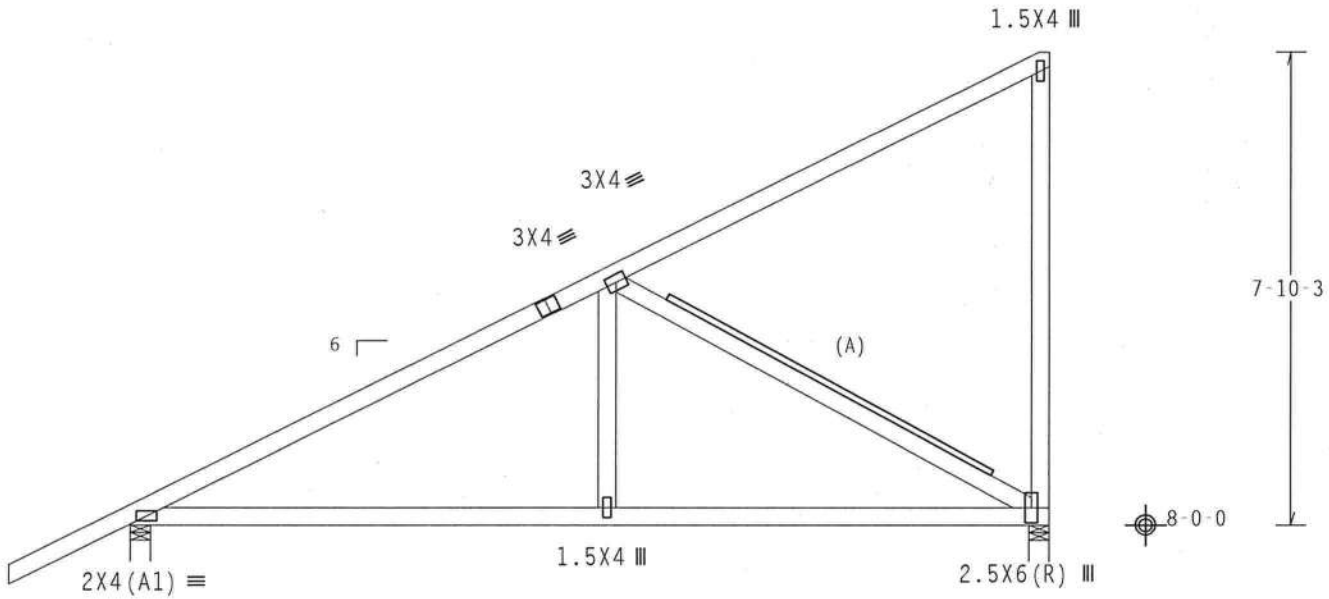
Deflection meets L/360 live and L/240 total load.

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 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

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

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible]y 11 '09

TC LL	20.0 PSF	REF	R8228- 56986
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131023
BC LL	0.0 PSF	HC-ENG	TCE/DF
TOT.LD.	40.0 PSF	SEQN-	23103
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

(9-107--Erkinger Home Builders Palmatier -- , ** - B1)

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

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

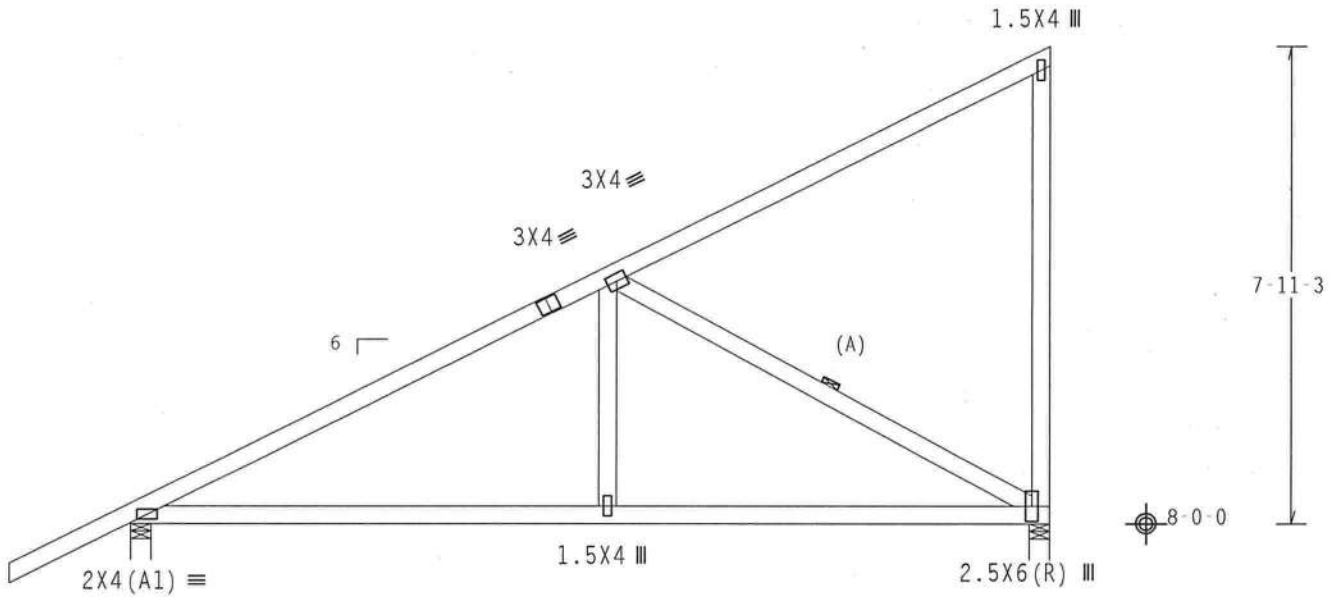
Bottom chord checked for 10.00 psf non-concurrent live load.

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.

Right end vertical not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:5 FL/-/4/-/-/R/- Scale =.3125"/Ft.

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

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible]y 11 '09

TC LL	20.0 PSF	REF	R8228- 56987
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131024
BC LL	0.0 PSF	HC-ENG	TCE/DF *
TOT.LD.	40.0 PSF	SEQN-	23110
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

(9-107--Erkinger Home Builders Palmatier -- , ** - H7C)

Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP #2:
Bot chord 2x6 SP #2
Webs 2x4 SP #3

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.

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

Left side jacks have 7-0-0 setback with 0-0-0 cant and 2-0-0 overhang. End jacks have 7-0-0 setback with 0-0-0 cant and 2-0-0 overhang. Right side jacks have 7-0-0 setback with 0-0-0 cant and 2-0-0 overhang.

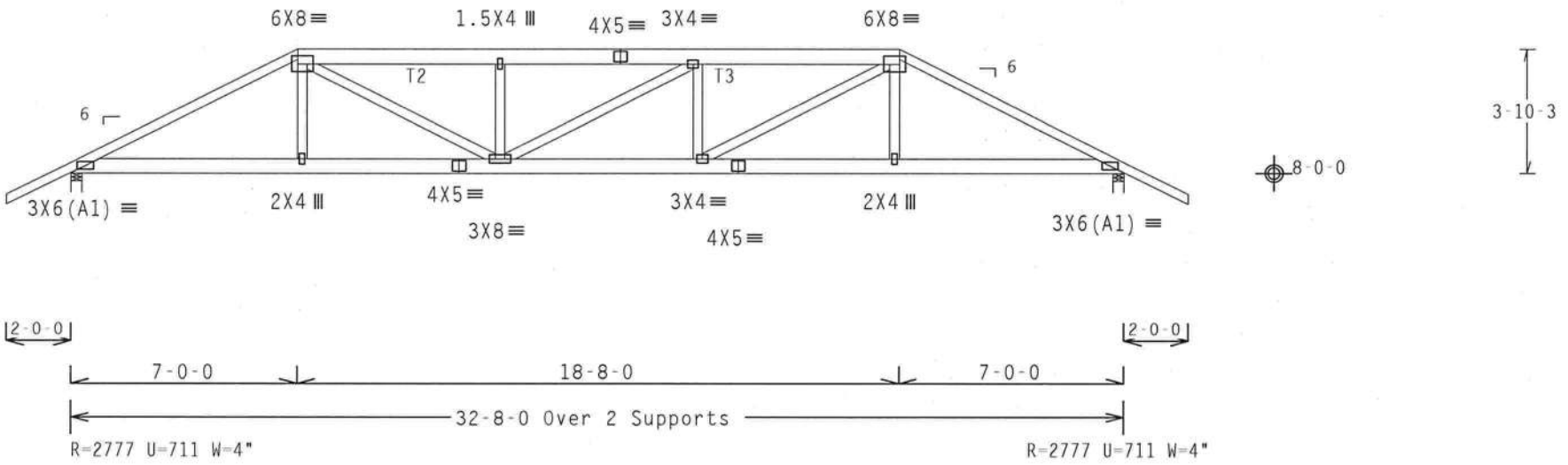
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3"_Gun_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Roof overhang supports 2.00 psf soffit load.

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

Deflection meets L/360 live and L/240 total load.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 11 '09

TC LL	20.0 PSF	REF	R8228- 56988
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131025
BC LL	0.0 PSF	HC-ENG	TCE/DF
TOT.LD.	40.0 PSF	SEQN-	22992
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

(9-107--Erkinger Home Builders Palmatier -- , ** - H9C)

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

Roof overhang supports 2.00 psf soffit load.

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

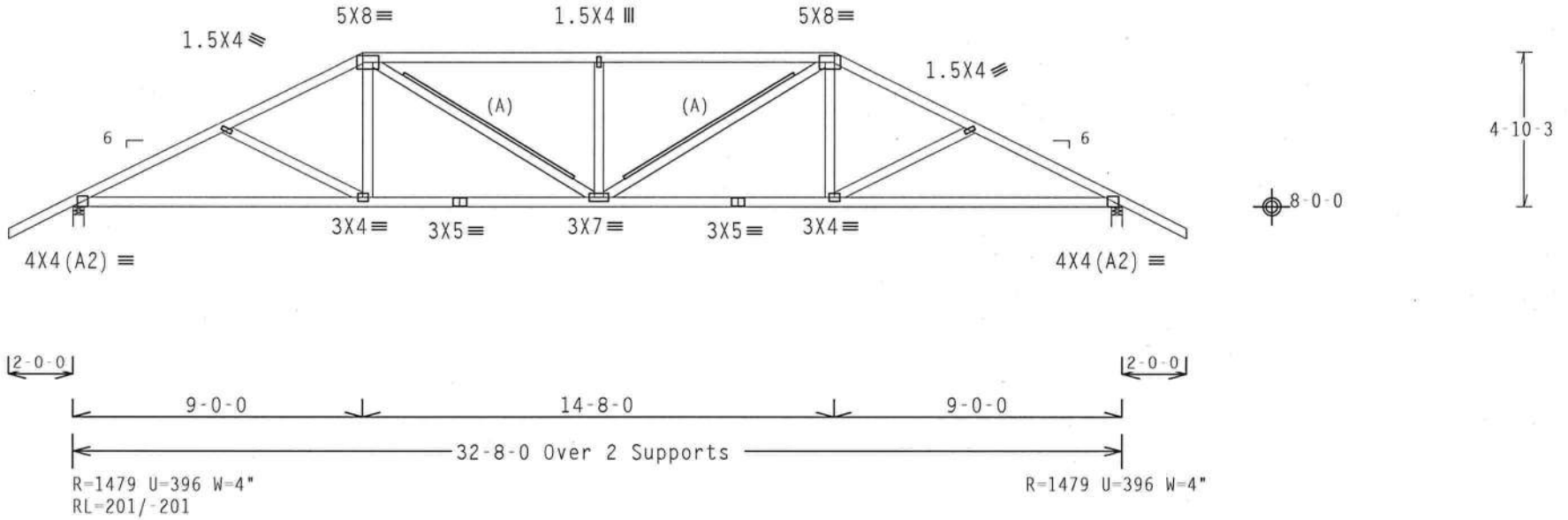
Deflection meets L/360 live and L/240 total load.

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 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL C[illegible]

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DOUGLAS FLEMING LICENSE No.66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 11 '09

TC LL	20.0 PSF	REF	R8228- 56989
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131026
BC LL	0.0 PSF	HC-ENG	TCE/DF *
TOT.LD.	40.0 PSF	SEQN-	22996
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

(9-107--Erkinger Home Builders Palmatier -- , ** - H11C)

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

Roof overhang supports 2.00 psf soffit load.

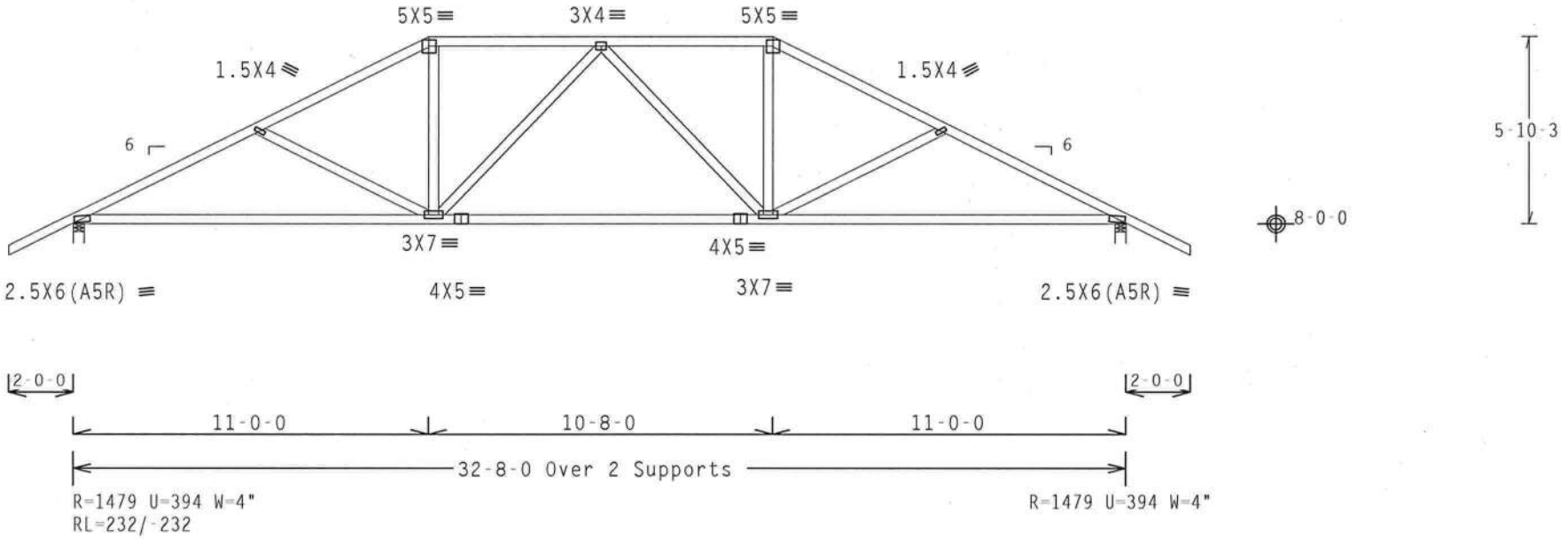
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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.

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

Deflection meets L/360 live and L/240 total load.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL C[illegible]78

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 11 '09

TC LL	20.0 PSF	REF	R8228- 56990
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131027
BC LL	0.0 PSF	HC-ENG	TCE/DF *
TOT.LD.	40.0 PSF	SEQN-	23003
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

(9-107--Erkinger Home Builders Palmatier -- , ** - H13C)

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.

(B) 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.

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

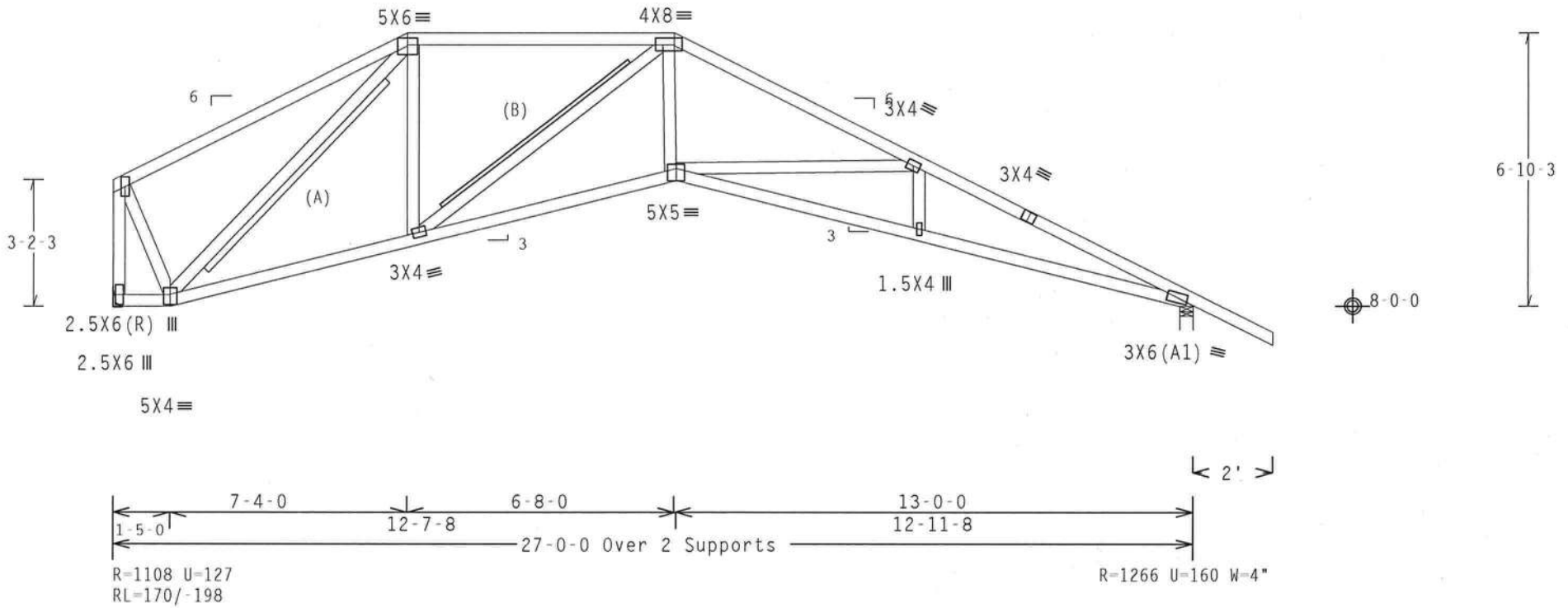
Wind reactions based on MWFRS pressures.

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

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

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

Deflection meets L/360 live and L/240 total load.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 3 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL C[illegible]278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible]y 11 '09

TC LL	20.0 PSF	REF	R8228- 56991
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131017
BC LL	0.0 PSF	HC-ENG	TCE/DF
TOT.LD.	40.0 PSF	SEQN-	23023
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

(9-107--Erkinger Home Builders Palmatier -- , ** - H15C)

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

Left end vertical not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load.

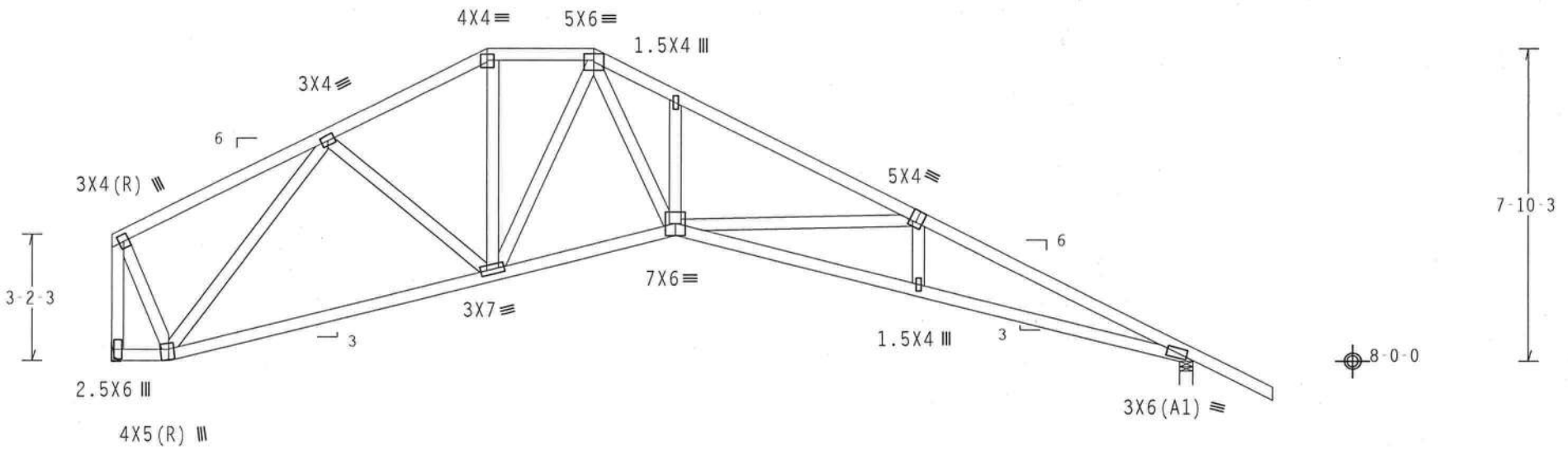
Bottom chord checked for 10.00 psf non-concurrent live load.

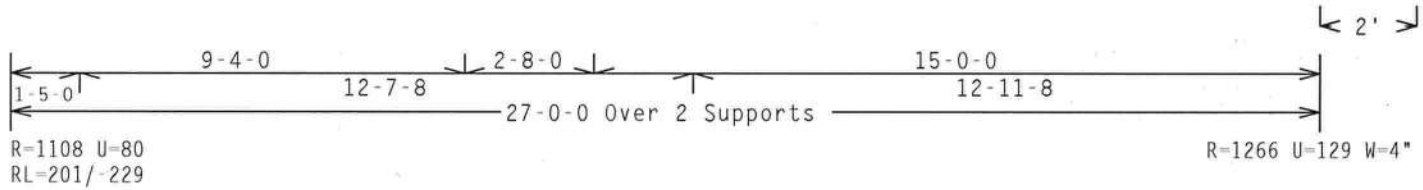
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

Deflection meets L/360 live and L/240 total load.





Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL C[illegible]278

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

11 '09

TC LL	20.0 PSF	REF	R8228- 56992
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131016
BC LL	0.0 PSF		HC-ENG TCE/DF
TOT.LD.	40.0 PSF	SEQN-	23029
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

(9-107--Erkinger Home Builders Palmatier -- , ** - C1)

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

Left end vertical not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load.

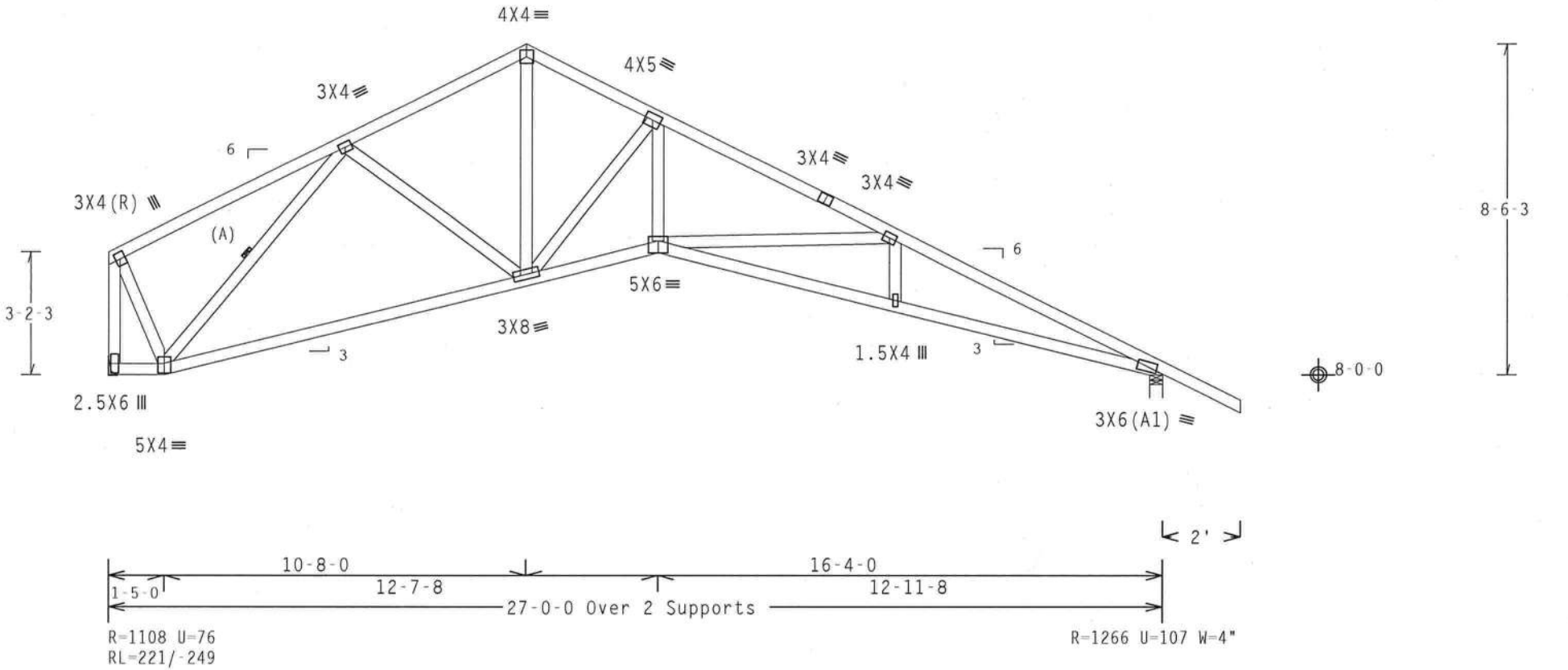
Bottom chord checked for 10.00 psf non-concurrent live load.

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.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:6 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL C[illegible]278

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DOUGLAS FLEMING LICENSE No.66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 11 '09

TC LL	20.0 PSF	REF	R8228- 56993
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131015
BC LL	0.0 PSF		HC-ENG TCE/DF
TOT.LD.	40.0 PSF	SEQN-	23037
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

(9-107--Erkinger Home Builders Palmatier -- , ** - C2)

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.

(B) 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.

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.

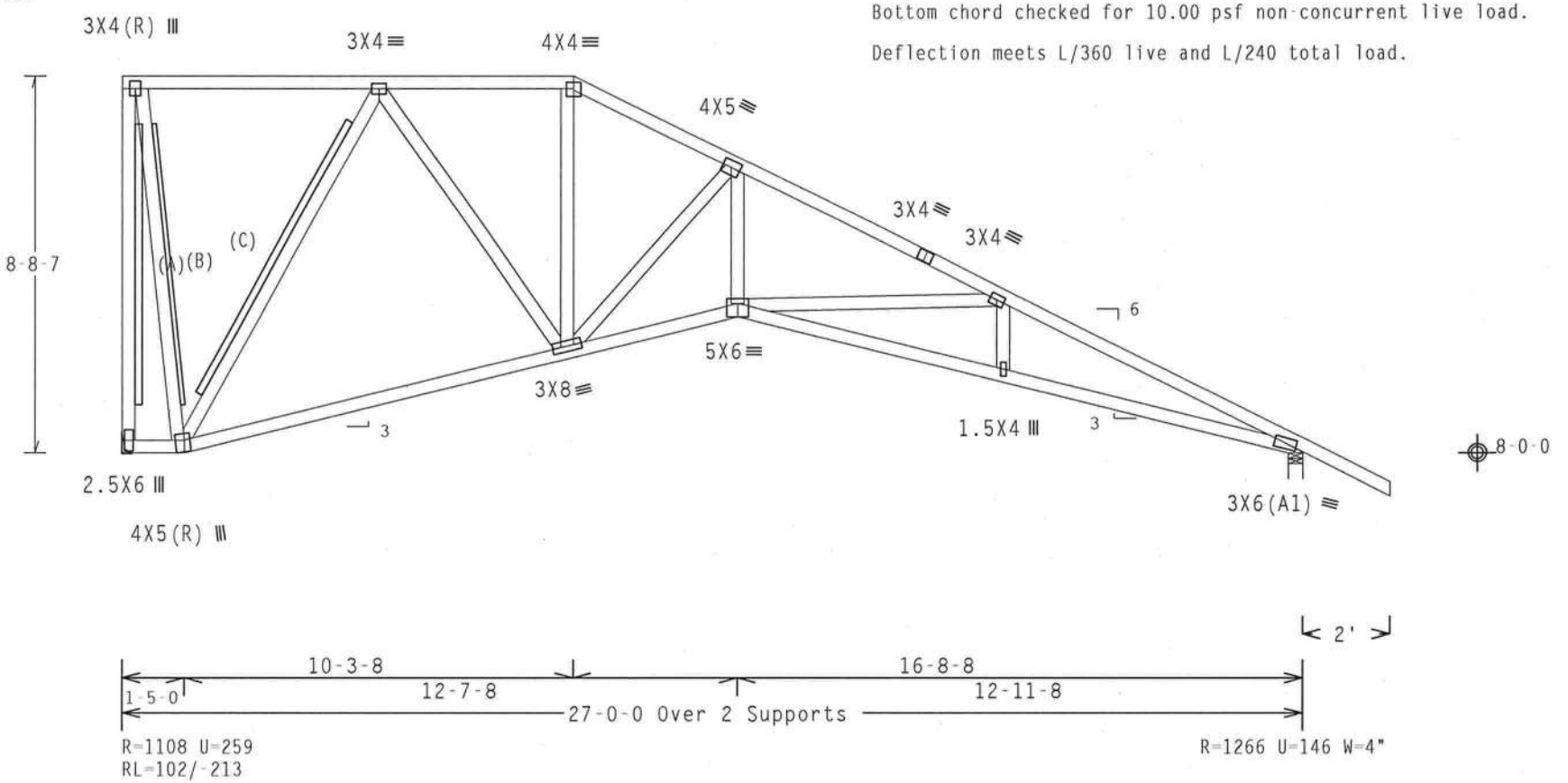
Max JT VERT DEFL: LL: 0.19" DL: 0.20" recommended camber 3/8"

(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.

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

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

Deflection meets L/360 live and L/240 total load.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

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

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 11 '09

TC LL	20.0 PSF	REF	R8228- 56994
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131014
BC LL	0.0 PSF	HC-ENG	TCE/DF
TOT.LD.	40.0 PSF	SEQN-	23043
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

(9-107--Erkinger Home Builders Palmatier -- , ** - J1)

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

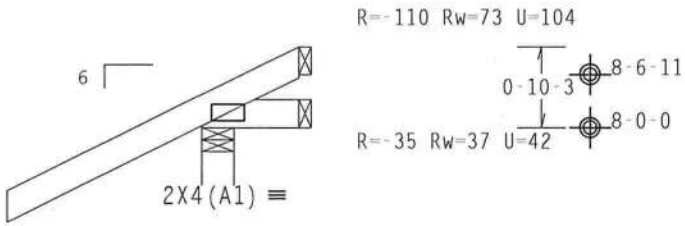
Roof overhang supports 2.00 psf soffit load.

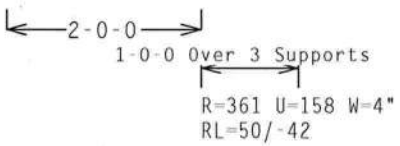
Bottom chord checked for 10.00 psf non-concurrent live load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. 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(+/-)=0.55

Wind reactions based on MWFRS pressures.

Deflection meets L/360 live and L/240 total load.





Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:10 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL C[illegible]078

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible]11 '09

TC LL	20.0 PSF	REF	R8228- 56995
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131028
BC LL	0.0 PSF		HC-ENG TCE/DF
TOT.LD.	40.0 PSF	SEQN-	22822
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

(9-107--Erkinger Home Builders Palmatier -- , ** - HJ7)

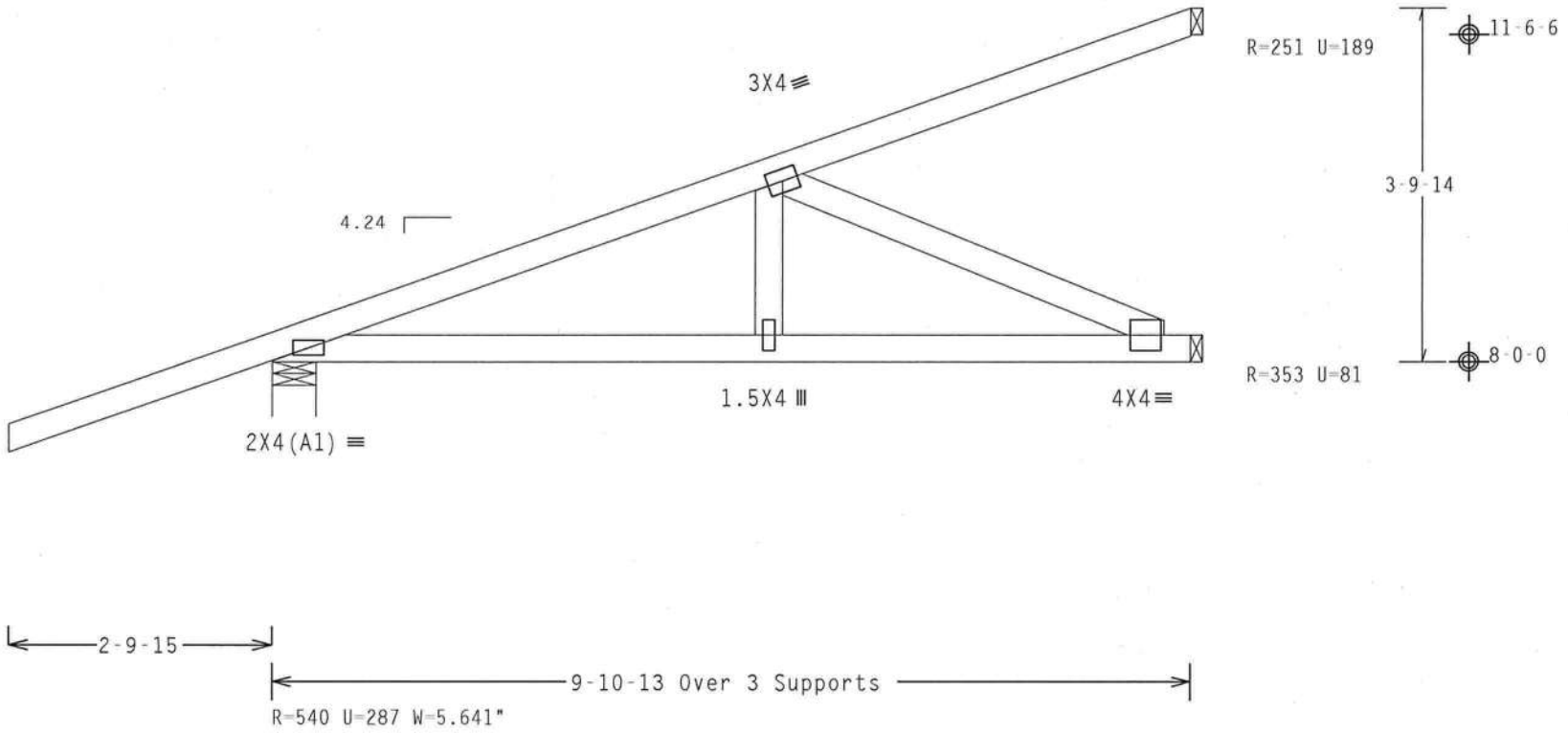
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

Deflection meets L/360 live and L/240 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. 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(+/-)=0.55

Wind reactions based on MWFRS pressures.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:5 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 11 '09

TC LL	20.0 PSF	REF	R8228- 56996
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131029
BC LL	0.0 PSF	HC-ENG	TCE/DF
TOT.LD.	40.0 PSF	SEQN-	22832
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

(9-107--Erkinger Home Builders Palmatier -- , ** - J3)

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

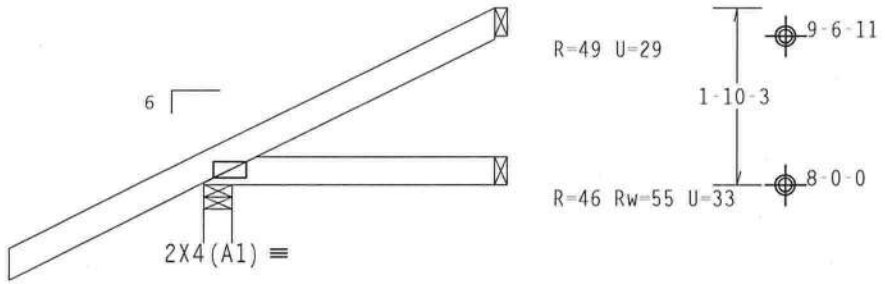
Roof overhang supports 2.00 psf soffit load.

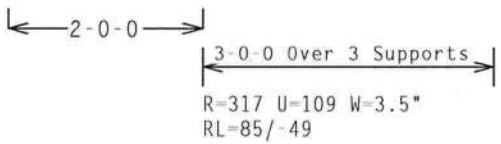
Bottom chord checked for 10.00 psf non-concurrent live load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. 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(+/-)=0.55

Wind reactions based on MWFRS pressures.

Deflection meets L/360 live and L/240 total load.





Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:10 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL CO[illegible]278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 11 '09

TC LL	20.0 PSF	REF	R8228- 56997
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131030
BC LL	0.0 PSF	HC-ENG	TCE/DF *
TOT.LD.	40.0 PSF	SEQN-	22825
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

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

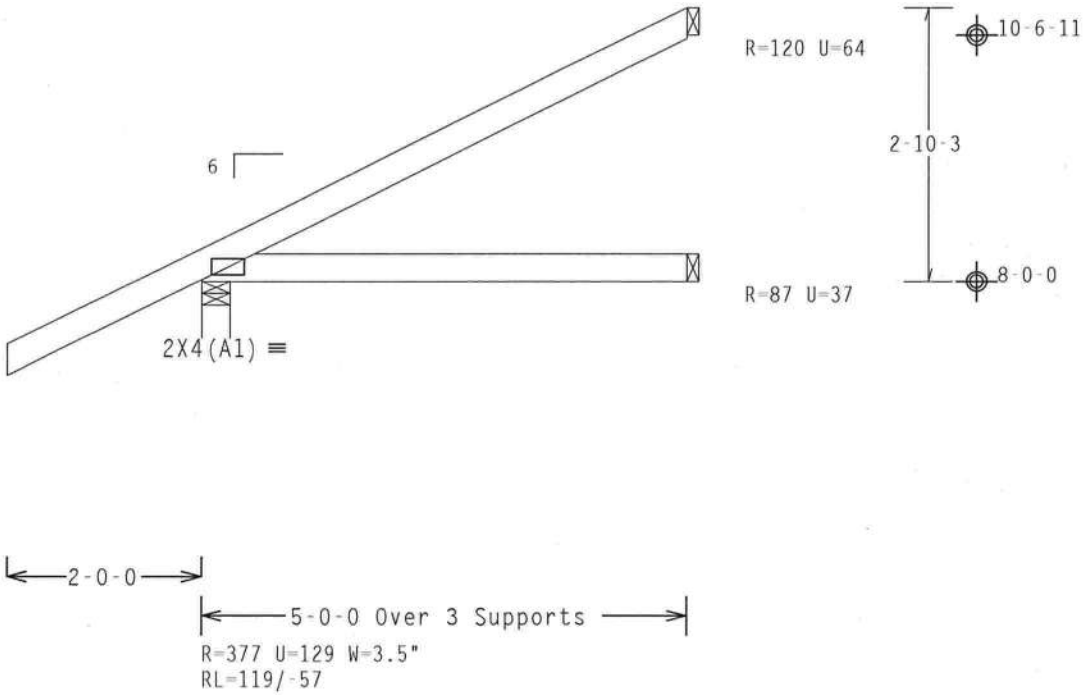
Roof overhang supports 2.00 psf soffit load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART._ENC. 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(+/-)=0.55

Wind reactions based on MWFRS pressures.

Deflection meets L/360 live and L/240 total load.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:10 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 11 '09

TC LL	20.0 PSF	REF	R8228- 56998
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131031
BC LL	0.0 PSF		HC-ENG TCE/DF
TOT.LD.	40.0 PSF	SEQN-	22828
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

(9-107--Erkinger Home Builders Palmatier -- , ** - EJ7)

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

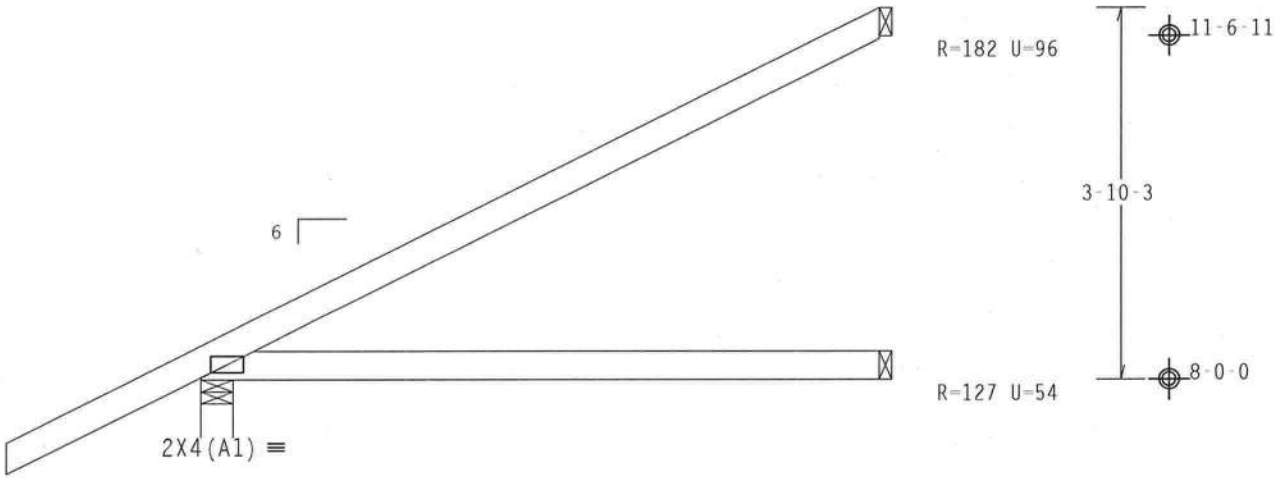
Roof overhang supports 2.00 psf soffit load.

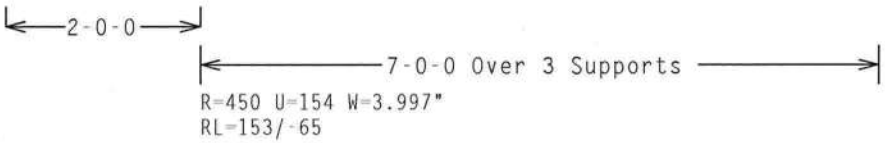
Bottom chord checked for 10.00 psf non-concurrent live load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. 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(+/-)=0.55

Wind reactions based on MWFRS pressures.

Deflection meets L/360 live and L/240 total load.





Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00.1 QTY:27 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

11 '09

TC LL	20.0 PSF	REF	R8228- 56999
TC DL	10.0 PSF	DATE	05/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09131032
BC LL	0.0 PSF	HC-ENG	TCE/DF
TOT.LD.	40.0 PSF	SEQN-	22836
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TRK8228Z04

CLB WEB BRACE SUBSTITUTION

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

NOTES:

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

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

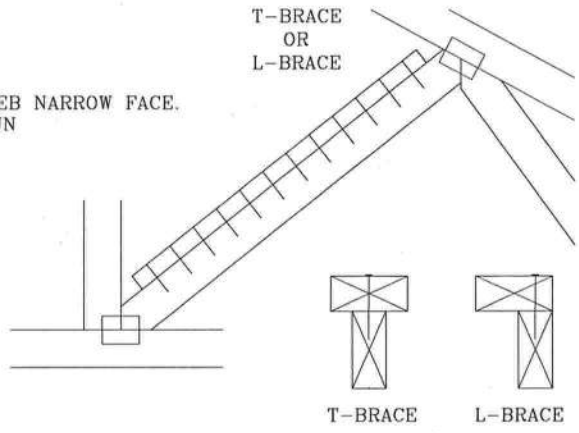
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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

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

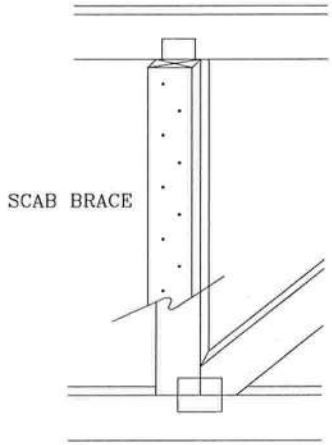
T-BRACING OR L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE.
ATTACH WITH 10d BOX OR GUN
(0.128"x 3.",MIN) NAILS.
AT 6" O.C.
BRACE IS A
MINIMUM 80% OF WEB
MEMBER LENGTH



SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB.
NO MORE THAN (1) SCAB PER FACE.
ATTACH WITH 10d BOX OR GUN
(0.128"x 3.",MIN) NAILS.
AT 6" O.C.
BRACE IS A MINIMUM
80% OF WEB MEMBER LENGTH



ITW Building Components Group Inc.

Earth City, MO 63045

DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 11 09

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

COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST REQUIRMENTS

MINIMUM PLAN REQUIREMENTS FOR THE FLORIDA BUILDING CODE RESIDENTIAL 2007 ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current 2007 FLORIDA BUILDING CODES RESIDENTIAL. 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:		X		
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,)	Total (Sq. Ft.) under roof	IIIIIIII	IIIIIIII	IIIII

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		

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	IIIIII YES	IIIII NO	IIIIII 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/m²), to be used for the design of exterior component, cladding materials not specifally 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	Emergency escape and rescue opening shown in each bedroom (net clear opening shown)	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	Stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails (see FBCR SECTION 311)	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 plan (see Florida product approval form)

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

FBCR 403: Foundation Plans

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	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 valve of soil _____ Pound Per Square Foot	X		
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type)	X		

FBCR 506: CONCRETE SLAB ON GRADE

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

FBCR 320: PROTECTION AGAINST TERMITES

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

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 priers	X		
41	Girder type, size and spacing to load bearing walls, stem wall and/or priers	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		
	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges &	X		

48	intermediate 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 assembles covering	X		
72	Submit Florida Product Approval numbers for each component of the roof assembles 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 chapter11 Residential buildings compliance methods. *Two of the required forms are to be submitted, showing dimensions condition area equal to the total condition living space area*

	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 locations in bathrooms	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	Switches, outlets/receptacles, lighting and all required GFCI outlets identified	X		
86	Ceiling fans	X		
87	Smoke detectors & Carbon dioxide detectors	X		
88	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.	X		

90	Appliances and HVAC equipment and disconnects	X		
91	Arc Fault Circuits (AFCI) in bedrooms	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

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

PRODUCT APPROVAL SPECIFICATION SHEET

Location: 751 SW Duckett Court **Project Name:** Palmatier

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	Masonite		FL 5114-R1
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung	MI	Better Built 740	FL 8114
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	GAF/ELK		FL483-R1
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)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor			
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 Hebb
Print Name

5/13/09
Date

Location

Permit # **(FOR STAFF USE ONLY)**

Website:

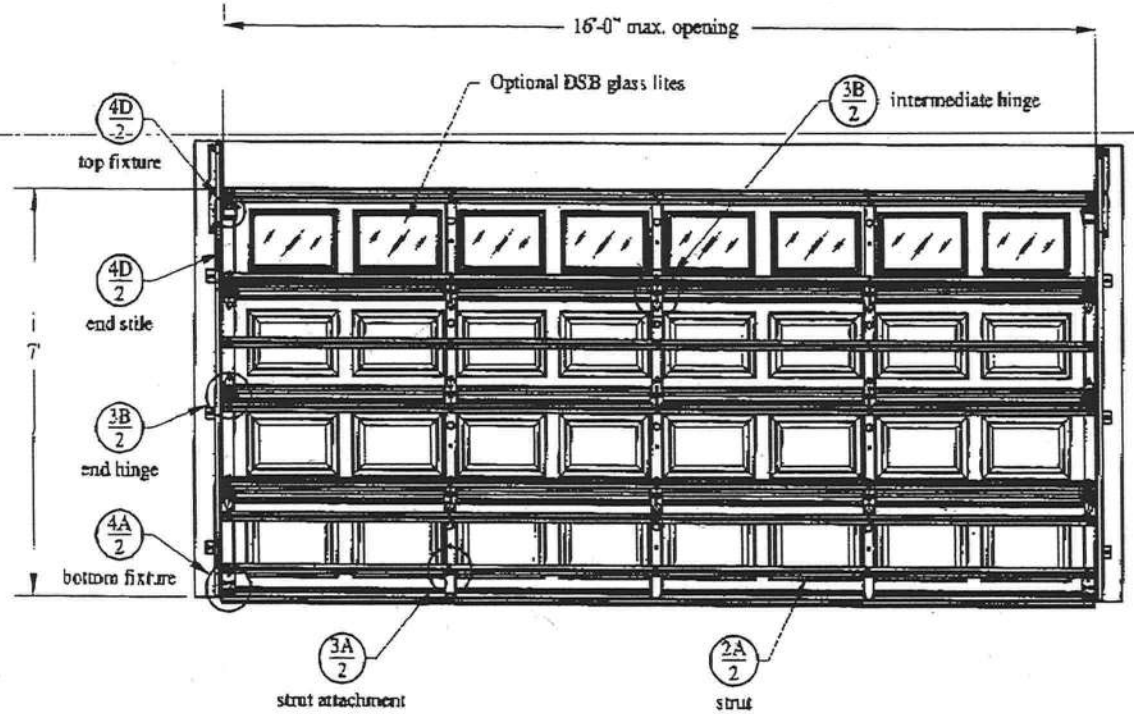
ERKINGER HOME BUILDERS

248 SE Nassau Street
Lake City, Florida 32025
Contracting/Construction Management/Consulting
License # RR-0067135
Phone (386) 754-5555 Fax (386) 719-9899
www.erkingerhomes.com

1. Masonite Exterior Door Swinging Exterior Door Assemblies	FL5114-R1
2. Windows MI Better Built 740 Series - Aluminum	FL8114
3. GAF/Elk 30-Year Architectural Shingles	FL183-R1

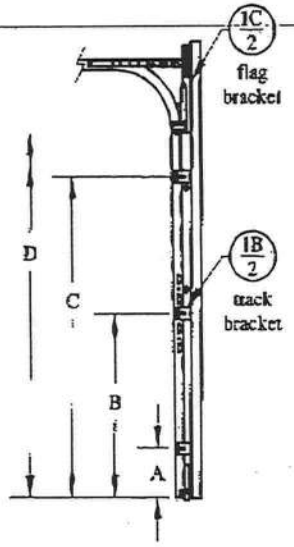
16ft Door

Door Model	Gauge	Decimal
2250/2251	25	.0185
4250/4251	25	.0185
2240/2241	24	.0225
4240/4241	24	.0225
5240/5241	24	.0225



door height	section quantity	strut quantity	tdc bkt 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



Track Bracket Chart

track brackets	door height	6'-6"	6'-9"	7'-0"	7'-6"	7'-9"	8'-0"	8'-3"	8'-6"	8'-9"
	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.

This door has been tested in accordance with ANSI/DASMA 108-2002
Design Pressure (DP): 18.5 pos / 20.7 neg
Test Pressure (TP): 27.8 pos / 31.1 neg

Per 2004 FBC Table 1609.6E, 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 buck 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 E. Scates, P.E.
1411 LeMay Street #205
Carrollton, Texas 75007
Florida P.E. # 51737

FL 5519

C.H.I. Overhead Doors

SCALE	nts
DATE	10-25-2005
Model 2250/51 (16'-0" wide)	
C.H.I. Drawing: Z3-1607-01100	

14 gauge (.070) galvanized steel top fixture. Each fixture attached with four 1/4" x 3/4" screws.

push nut

20 gauge (.036) end stile manufactured by C.H.I.

Strut, if applicable, not shown for clarity.

The 2x6 vertical wood jambs are to be grade 2 or better southern pine. Fasteners may be countersunk to provide a flush mounting surface.

2" x 7/16" (nominal) Stop molding required (not supplied by C.H.I.)

12 gauge (.095) galvanized steel track bracket fastened to wood jamb with one 5/16" x 1-5/8" wood lag screw per bracket.

20 gauge (.036) center stile manufactured by C.H.I.

2" steel roller

2" x .051 min. galvanized steel track fastened to track brackets. Each track bracket attached with one 1/4" x 5/8" track bolt and nut.

End Hinge
16 gauge (.058) galvanized steel end hinge fastened to section with four 1/4" x 3/4" screws.

push nut

2" steel track roller.

2 3/4"

3-1/2" (min.) stem

Intermediate Hinge
18 gauge (.047) galvanized steel intermediate hinge fastened to section with four 1/4" x 3/4" screws.

2 3/4"

3"

1 7/8"

1/2"

20 gauge (.034) 33 ksi galvanized steel 3" strut attached with two 1/4" x 3/4" screws per stile or hinge plate.

12 gauge (.102) galvanized steel bottom bracket manufactured by C.H.I. Each bracket attached with four red 1/4" x 3/4" screws.

Vinyl weatherstrip

push nut

Aluminum extrusion

Details on some views may have been omitted for clarity.

12 gauge (.066) galvanized steel flag bracket fastened to wood jamb with three 5/16" x 1-5/8" wood lag screws.

Flag bracket attached to horizontal track with two 1/4" x 5/8" track bolts and nuts.

Flag bracket attached to vertical track with two 1/4" x 5/8" track bolts and nuts.

12 gauge (.095) galvanized steel track bracket fastened to wood jamb with one 5/16" x 1-5/8" wood lag screw per bracket.

Each track bracket attached with one 1/4" x 5/8" track bolt and nut. Or two 1/4" x 11/32" rivets.

Design Load: 18.5 pos / 20.7 neg
Test Load: 27.8 pos / 31.1 neg
page 2 of 2

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

John E. Scates, P.E.
1411 LeMay Street #205
Carrollton, Texas 75007
Florida P.E. # 51737

C.H.I.

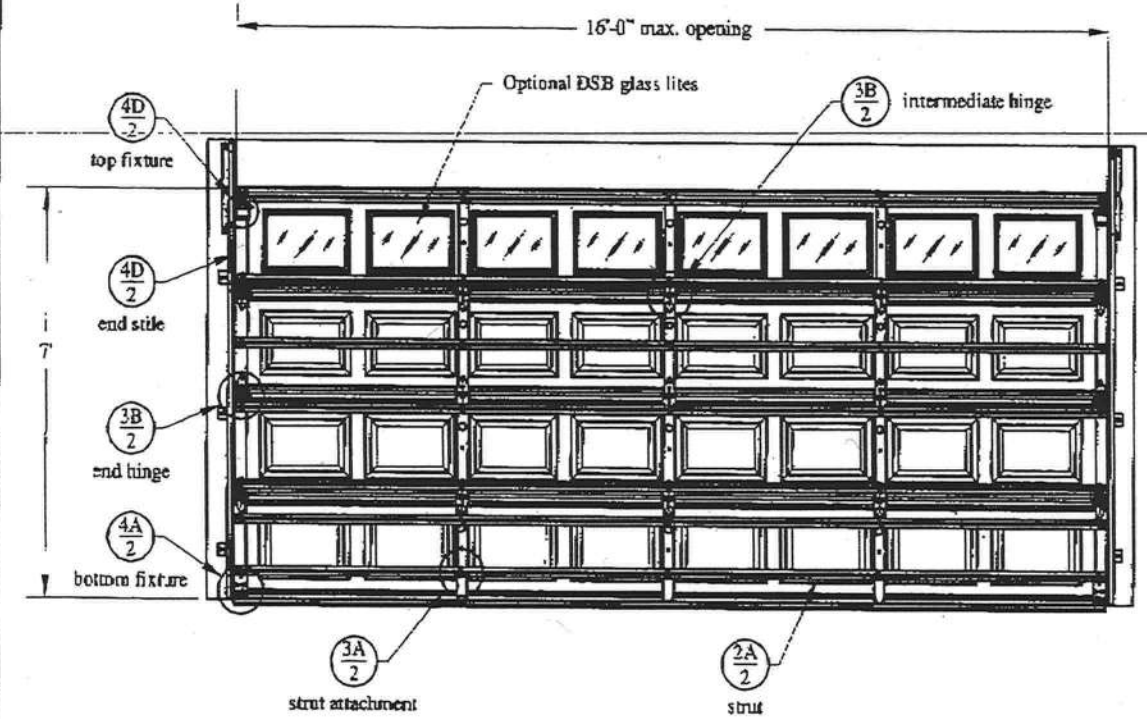
SCALE nts

DATE 10-25-2005

Model 2250/51 (16'-0" wide)
C.H.I. Drawing: Z3-1607-01100

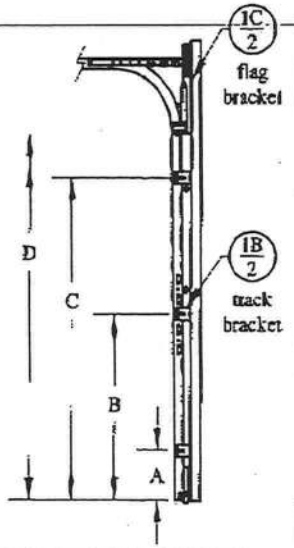
16ft DOOR

Door Model	Gauge	Decimal
2250/2251	25	.0185
4250/4251	25	.0185
2240/2241	24	.0225
4240/4241	24	.0225
5240/5241	24	.0225



door height	section quantity	strut quantity	tdc bkt 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



Track Bracket Chart		door height							
		6'-6"	6'-9"	7'-0"	7'-6"	7'-9"	8'-0"	8'-3"	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.

This door has been tested in accordance with ANSI/DASMA 108-2002
Design Pressure (DP): 18.5 pos / 20.7 neg
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Per 2004 FBC Table 1609.6E, 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 buck 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 E. Scates, P.E.
1411 LeMay Street #205
Carrollton, Texas 75007
Florida P.E. # 51737

FL 5519

C.H.I. OVERHEAD DOORS

SCALE nts
DATE 10-25-2005
Model 2250/51 (16'-0" wide)
C.H.I. Drawing: Z3-1607-01100

14 gauge (.070) galvanized steel top fixture. Each fixture attached with four 1/4" x 3/4" screws.

push nut

20 gauge (.036) end stile manufactured by C.H.I.

Strut, if applicable, not shown for clarity.

The 2x6 vertical wood jambs are to be grade 2 or better southern pine. Fasteners may be countersunk to provide a flush mounting surface.

2" x 7/16" (nominal) Stop molding required (not supplied by C.H.I.)

12 gauge (.095) galvanized steel track bracket fastened to wood jamb with one 5/16" x 1-5/8" wood lag screw per bracket.

20 gauge (.036) center stile manufactured by C.H.I.

2" steel roller

2" x .051 min. galvanized steel track fastened to track brackets. Each track bracket attached with one 1/4" x 5/8" track bolt and nut.

End Hinge
16 gauge (.058) galvanized steel end hinge fastened to section with four 1/4" x 3/4" screws.

push nut

2" steel track roller.

2 3/4"

3-1/2" (min.) stem

Intermediate Hinge
18 gauge (.047) galvanized steel intermediate hinge fastened to section with four 1/4" x 3/4" screws.

2 3/4"

3"

1 7/8"

1/2"

20 gauge (.034) 33 ksi galvanized steel 3" strut attached with two 1/4" x 3/4" screws per stile or hinge plate.

12 gauge (.102) galvanized steel bottom bracket manufactured by C.H.I. Each bracket attached with four red 1/4" x 3/4" screws.

Vinyl weatherstrip

push nut

Aluminum extrusion

Details on some views may have been omitted for clarity.

12 gauge (.086) galvanized steel flag bracket fastened to wood jamb with three 5/16" x 1-5/8" wood lag screws.

Flag bracket attached to horizontal track with two 1/4" x 5/8" track bolts and nuts.

Flag bracket attached to vertical track with two 1/4" x 5/8" track bolts and nuts.

12 gauge (.095) galvanized steel track bracket fastened to wood jamb with one 5/16" x 1-5/8" wood lag screw per bracket.

Each track bracket attached with one 1/4" x 5/8" track bolt and nut. Or two 1/4" x 11/32" rivets.

Design Load: 18.5 pos / 20.7 neg
Test Load: 27.8 pos / 31.1 neg
page 2 of 2

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

John E. Scates, P.E.
1411 LeMay Street #205
Carrollton, Texas 75007
Florida P.E. # 51737

C.H.I.

nts

10-25-2005

Model 2250/51 (16'-0" wide)

C.H.I. Drawing: Z3-1607-01100

Residential System Sizing Calculation

Summary

Palmatier, Richard & Doris

Lake City, FL

Project Title:
905081ErkingerBuildersPalmatierResMANJ

Class 3 Rating
Registration No. 0
Climate: North

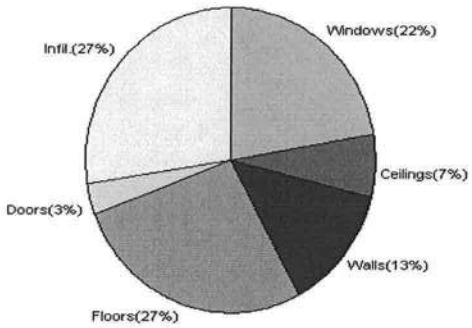
5/15/2009

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	**27225**	**Btuh**	**Total cooling load calculation**	**24588**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	117.5	32000	Sensible (SHR = 0.75)	120.5	24000
Heat Pump + Auxiliary(0.0kW)	117.5	32000	Latent	171.2	8000
			Total (Electric Heat Pump)	130.1	32000

WINTER CALCULATIONS

Winter Heating Load (for 1454 sqft)

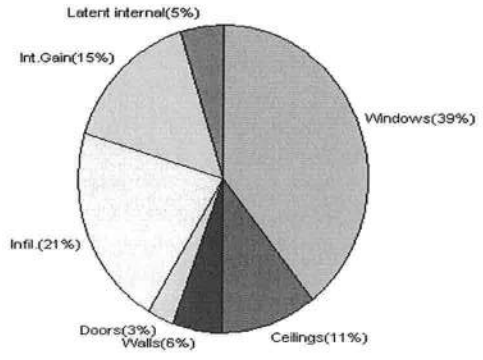
Load component			Load	
Window total	190	sqft	6100	Btuh
Wall total	1081	sqft	3551	Btuh
Door total	71	sqft	922	Btuh
Ceiling total	1568	sqft	1848	Btuh
Floor total	170	sqft	7422	Btuh
Infiltration	182	cfm	7382	Btuh
Duct loss			0	Btuh
Subtotal			**27225**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**27225**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1454 sqft)

Load component			Load	
Window total	190	sqft	9677	Btuh
Wall total	1081	sqft	1396	Btuh
Door total	71	sqft	698	Btuh
Ceiling total	1568	sqft	2597	Btuh
Floor total			0	Btuh
Infiltration	95	cfm	1768	Btuh
Internal gain			3780	Btuh
Duct gain			0	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**19916**	**Btuh**
Latent gain(ducts)			0	Btuh
Latent gain(infiltration)			3472	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1200	Btuh
Total latent gain			**4672**	**Btuh**
TOTAL HEAT GAIN			**24588**	**Btuh**



For Florida residences only

EnergyGauge® System Sizing
PREPARED BY:
DATE: 5/15/09

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Palmatier, Richard & Doris
Lake City, FL

Project Title:
905081ErkingerBuildersPalmatierResMANJ

Class 3 Rating
Registration No. 0
Climate: North

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

5/15/2009

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	6.0	32.2	193 Btuh
2	2, Clear, Metal, 0.87	NW	20.0	32.2	644 Btuh
3	2, Clear, Metal, 0.87	NE	20.0	32.2	644 Btuh
4	2, Clear, Metal, 0.87	NW	20.0	32.2	644 Btuh
5	2, Clear, Metal, 0.87	NE	20.0	32.2	644 Btuh
6	2, Clear, Metal, 0.87	NE	15.0	32.2	483 Btuh
7	2, Clear, Metal, 0.87	SE	30.0	32.2	966 Btuh
8	2, Clear, Metal, 0.87	SE	6.0	32.2	193 Btuh
9	2, Clear, Metal, 0.87	SW	15.0	32.2	483 Btuh
10	2, Clear, Metal, 0.87	SE	12.5	32.2	402 Btuh
11	2, Clear, Metal, 0.87	S	12.5	32.2	402 Btuh
12	2, Clear, Metal, 0.87	SW	12.5	32.2	402 Btuh
	Window Total		190(sqft)		6100 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Face Brick - Wood - Ext(0.09)	13.0	883	3.3	2901 Btuh
2	Frame - Wood - Adj(0.09)	13.0	198	3.3	650 Btuh
	Wall Total		1081		3551 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
3	Insulated - Exterior		31	12.9	404 Btuh
	Door Total		71		922Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1568	1.2	1848 Btuh
	Ceiling Total		1568		1848Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	170.0 ft(p)	43.7	7422 Btuh
	Floor Total		170		7422 Btuh
			Zone Envelope Subtotal:		19843 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.94	11632	182.2	7382 Btuh
Ductload	Partially sealed, R6.0, Supply(Attic), Return(NoDucts)			(DLM of 0.00)	0 Btuh
Zone #1			**Sensible Zone Subtotal**		**27225 Btuh**