DATE 09/14/2010

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000028856

APPLICANT BARBARA WEBSTER PHONE 386.719.7143

ADDRESS 125 SW MIDTOWN PL.,STE 101 LAKE CITY FL 32025

OWNER ANTHONY & MAGDA SINISI PHONE

ADDRESS 1500 SW LEGION DRIVE LAKE CITY FL 32024

CONTRACTOR ISAAC BRATKOVICH PHONE 386.719.7143

LOCATION OF PROPERTY 90-W TO SR. 247-S TO TAMARACK LN,TR TO LEGION DR.,TL 2ND TO LAST LOT ON L TOWARDS END OF CUL-DE-SAC.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 185150.00

HEATED FLOOR AREA 2458.00 TOTAL AREA 3703.00 HEIGHT 20.10 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 5'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT 35

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

NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 20-4S-16-03051-206 SUBDIVISION LEGION PLACE

LOT 6 BLOCK PHASE UNIT TOTAL ACRES 5.01

000001848		CBC059323	Barbara Webster	
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
18"X32'MITERED	10-0390	BLK	TC	Y
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: 1 FOOT ABOVE ROAD.

Check # or Cash 2593

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 $ 930.00 CERTIFICATION FEE $ 18.52 SURCHARGE FEE $ 18.52

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ 25.00 **TOTAL FEE** 1067.04

INSPECTORS OFFICE 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.

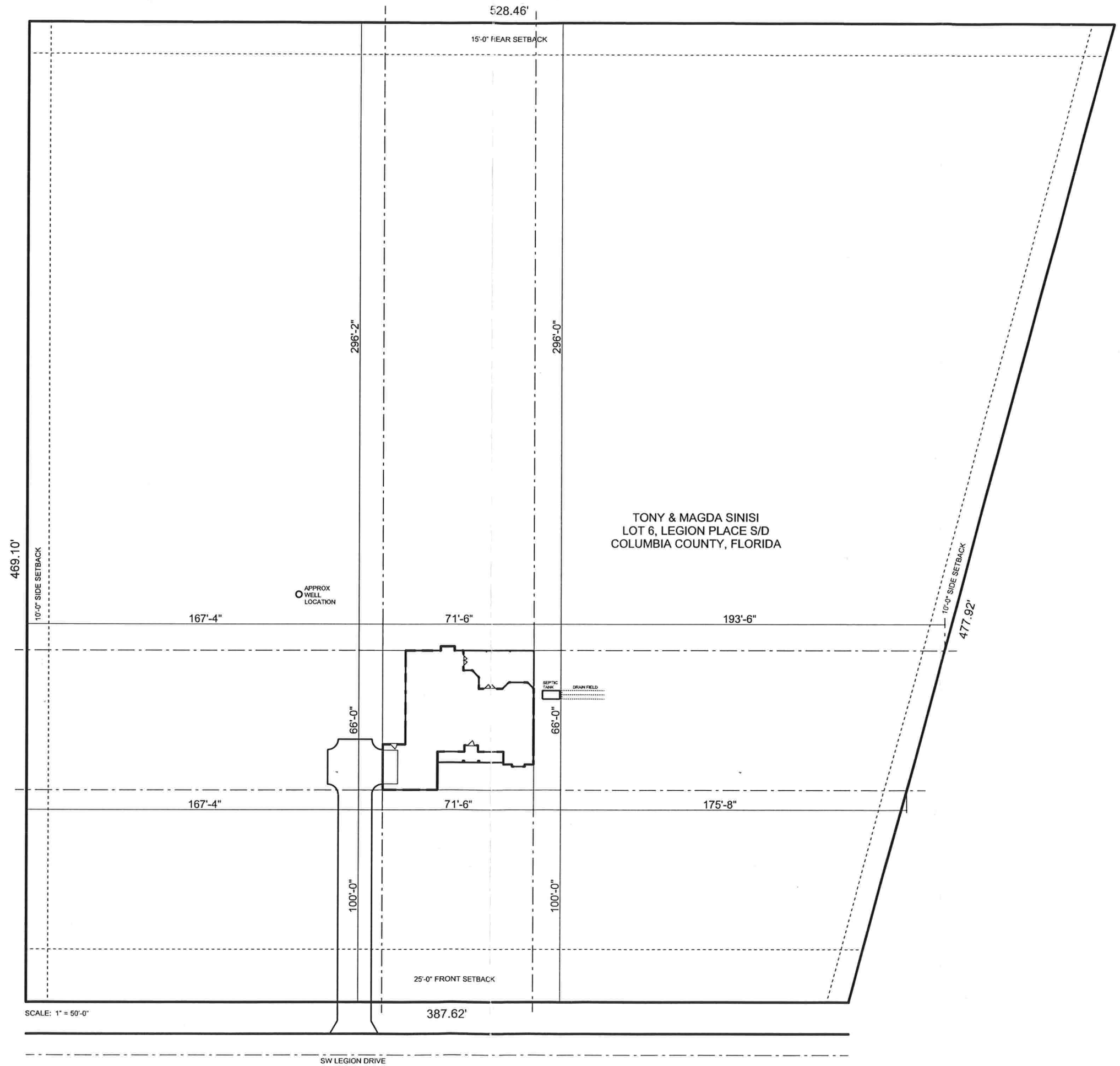
"TC" 7:45

- No Verification form on Ricky Allen . . .

Ron David was originally the contractor . .

We said 2 other people were out there w/him. (WHAT ABOUT THEIR exemption status.) I told him we will check it out for him.

Friday, June 19, 2009



SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER _____ CONTRACTOR Isaac Construction PHONE _____

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

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

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

ELECTRICAL 234 ✓ OK	Print Name Conner Electric	Signature Michael S. Conner
	License #: ER13013192 Flagged 9.16.16 - LA, CO.	Phone #: 386 965 9905
MECHANICAL/ A/C 568 ✓ OK	Print Name David Halls	Signature
	License #: CAC 057424	Phone #: 386-755-9792
PLUMBING/ GAS 623 ✓ OK	Print Name Express Plumbing MIKE GANSKOP	Signature
	License #: CFC1428640	Phone #: (386) 867-0269
ROOFING 494 ✓ OK	Print Name Precision Exteriors Caleb Laughton	Signature
	License #: CCC1327713	Phone #: 386-752-4022
SHEET METAL	Print Name	Signature
	License #:	Phone #:
FIRE SYSTEM/ SPRINKLER	Print Name	Signature
	License#:	Phone #:
SOLAR	Print Name	Signature
	License #:	Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON ✓ OK	000720	Donald Roberts	Donald Roberts
CONCRETE FINISHER OK	000048	Hofstraw Buildings	Ben Hofstraw
FRAMING OK	CBC059323	Isaac Construction	Isaac Brashears
INSULATION 421 OK	CBC059323	Isaac Construction	Isaac Brashears
STUCCO OK	000256	Ron Davis	Ron Davis
DRYWALL OK	000345	Heitzman Drywall	Kim Heitzman
PLASTER			
CABINET INSTALLER OK	CBC059323	Isaac Construction	Isaac Brashears
PAINTING OK	000249	Hart's Paintings	
ACOUSTICAL CEILING			
GLASS OK	000618	Lake City Glass	Carl Bullard
CERAMIC TILE OK	60071	JES Tile	Jesse Bozeman
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR OK	000619	Lake City Glass	Carl Bullard
METAL BLDG ERECTOR			

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

09-13-10;03:14PM; ;386 758-2187 # 1/ 2

STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES
ONSITE SEWAGE DISPOSAL SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT
Authority: Chapter 381, FS & Chapter 10D-6, FAC

PERMIT # 10-0390
DATE PAID 9/13/10
FEE PAID $ 310.00
RECEIPT # 1755244
CR # 08-4655

APPLICATION FOR:
[X] New System [ ] Existing System [ ] Holding Tank [ ] Temporary/Experimental System
[ ] Repair [ ] Abandonment [ ] Other(Specify) _____

APPLICANT: ANTHONY SINISI TELEPHONE: 719-7143

AGENT: ISAAC CONSTRUCTION

MAILING ADDRESS: 125 SW MIDTOWN PL. STE 101 CITY: LAKE CITY STATE: FL ZIP: 32025

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. ATTACH BUILDING PLAN AND TO-SCALE SITE PLAN SHOWING PERTINENT FEATURES REQUIRED BY CHAPTER 10D-6, FLORIDA ADMINISTRATIVE CODE.

PROPERTY INFORMATION [IF LOT IS NOT IN A RECORDED SUBDIVISION, ATTACH LEGAL DESCRIPTION OR DEED]

LOT: 6 BLOCK: _____ SUBDIVISION: LEGION PLACE DATESUBD: 1-22-01

PROPERTY ID #: 20-4S-16-03051-206 [Section/Township/Range/Parcel] ZONING: RES

PROPERTY SIZE: 5.01 ACRES [Sqft/43560] PROPERTY WATER SUPPLY: [X] PRIVATE [ ] PUBLIC

PROPERTY STREET ADDRESS: LEGION DR.

DIRECTIONS TO PROPERTY: 90 WEST TL ON CR 247 TR ON TAMARACK TL ON LEGION DR. LOT LAST ON LEFT.

BUILDING INFORMATION [X] RESIDENTIAL [ ] COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	# Persons Served	Business Activity For Commercial Only
1	HOUSE	4	2458	4	
2					
3					
4					

[N] Garbage Grinders/Disposals [N] Spas/Hot Tubs [N] Floor/Equipment Drains
[N] Ultra-low Volume Flush Toilets [N] Other (Specify) _____

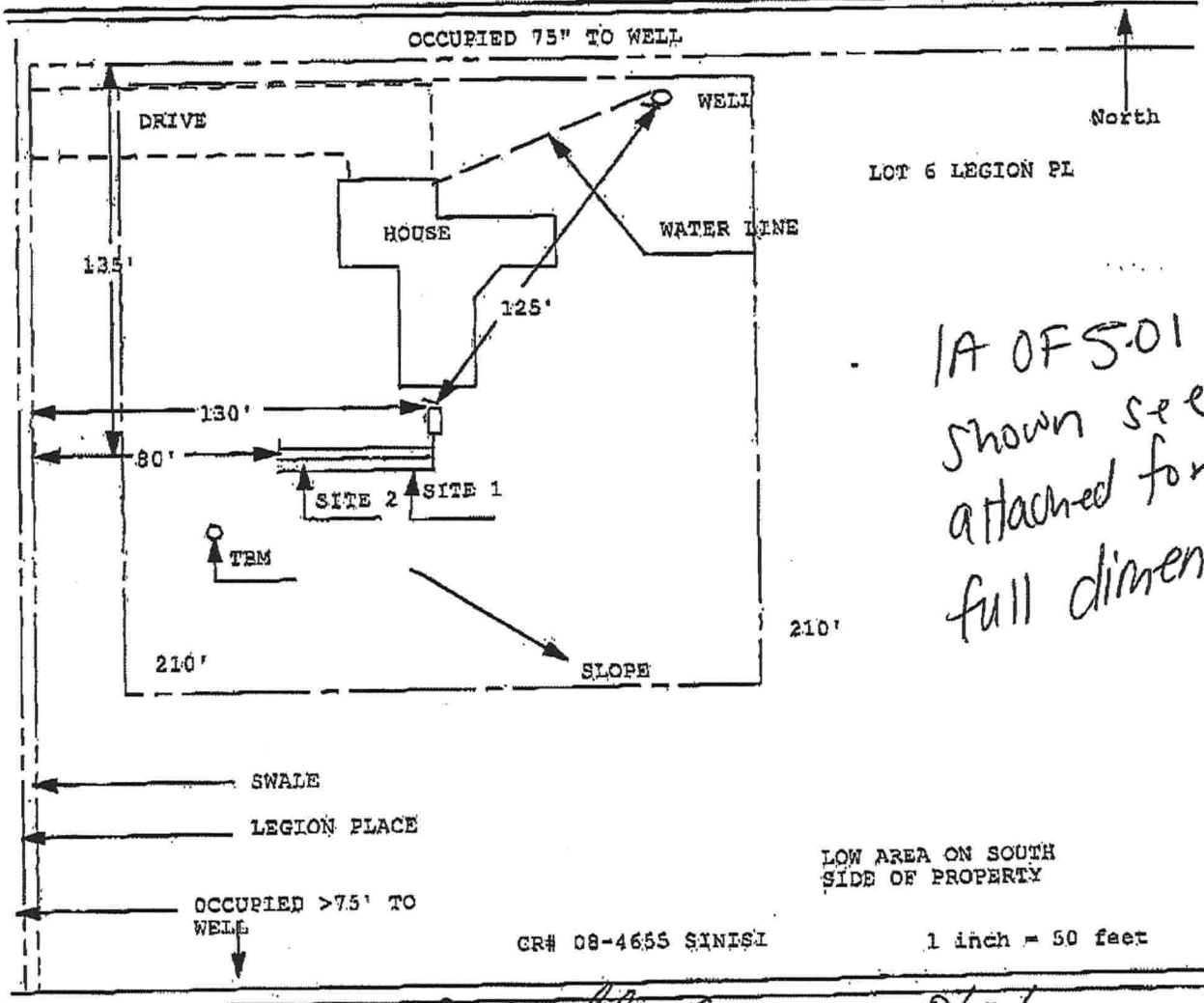
APPLICANT'S SIGNATURE: Barbara Webster DATE: 8/12/10

HRS-H Form 4015 March 1992 (Obsoletes Previous Editions Which May Not Be Used) Page 1 of 3

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

Permit Application Number: 10-0390-N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



1A OF 5.01 Shown see attached for full dimensions

Site Plan Submitted By Paul Lloyd Date 8/18/10

Plan Approved X Not Approved ____ Date 8-18-10

By Sallie Ford - EH Director CPHU

Columbia CHD

Notes: _____

ATS# 14520

Prepared by:
Michael H. Harrell
Abstract & Title Services, Inc.
382 SW Baya Drive
Lake City, Florida 32025

Inst:[redacted] Date:10/22/2004 Time:15:57
Doc Stamp-Deed : 280.00
DC,P.DeWitt Cason,Columbia County B:1028 P:2700

Warranty Deed

Individual to Individual

THIS WARRANTY DEED made the 15th day of October, 2004 by

Daniel P. Shackelford, and his wife, Judith A. Shackelford
hereinafter called the grantor, to

Anthony Sinisi, and his wife, Magda Bondi-Sinisi
whose post office address is: 8300 NW 17th Court, Pembroke Pines, Florida 33024
hereinafter called the grantee:

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporation)

Witnesseth: That the grantor, for and in consideration of the sum of $10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys, and confirms unto the grantee, all that certain land situate in COLUMBIA County, FLORIDA, viz: Parcel ID#

Lot 6, Legion Place, a subdivison according to the plat thereof filed in Plat Book 7, Page 67, Public Records of Columbia County, Florida.

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

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

AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2003.

IN WITNESS WHEREOF, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Megan Marabee
Witness

Rhonda B. Green
Witness

Daniel P. Shackelford
Daniel P. Shackelford

Judith A. Shackelford
Judith A. Shackelford

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 15th day of October, 2004 by Daniel P. Shackelford, and his wife, Judith A. Shackelford personally known to me or, if not personally known to me, who produced Driver's License No._____ for identification and who did not take an oath.

(SEAL)

Rhonda B. Green
Notary Public

RHONDA B. GREEN
MY COMMISSION # DD 081807
EXPIRES: February 12, 2008
1-888-NOTARY Fl. Notary Service & Bonding, Inc.

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED: 6/22/2009 **DATE ISSUED:** 6/23/2009

ENHANCED 9-1-1 ADDRESS:

1500 SW LEGION DR

LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

20-4S-16-03051-206

Remarks:

LOT 6 LEGION PLACE S/D

Address Issued By: _____

Columbia County 9-1-1 Addressing / GIS Department

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

1463

Columbia County Property Appraiser

DB Last Updated: 4/27/2009

2009 Preliminary Values

Tax Record | Property Card | Interactive GIS Map | Print

Parcel: 20-4S-16-03051-206

Search Result: 1 of 4 Next >>

Owner & Property Info

Owner's Name	SINISI ANTHONY &		
Site Address			
Mailing Address	MAGDA BONDI-SINISI 8300 NW 17TH CT PEMBROKE PINES, FL 33024		
Use Desc. (code)	VACANT (000000)		
Neighborhood	017416.00	**Tax District**	3
UD Codes	MKTA01	**Market Area**	01
Total Land Area	5.010 ACRES		
Description	LOT 6 LEGION PLACE S/D. WD 1009-329, WD 1028-2700.		

SOUTHPOINTE SUBDIVISION OFF OF 847

GIS Aerial

Property & Assessment Values

Mkt Land Value	cnt: (1)	$51,300.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$51,300.00

Just Value	$51,300.00
Class Value	$0.00
Assessed Value	$51,300.00
Exemptions	$0.00
Total Taxable Value	County: $51,300.00 | City: $51,300.00 Other: $51,300.00 | School: $51,300.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
10/15/2004	1028/2700	WD	V	Q		$40,000.00
3/5/2004	1009/329	WD	V	Q		$37,400.00

Building Characteristics

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

Extra Features & Out Buildings

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

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	0000001.000 LT - (0000005.010AC)	1.00/1.00/1.00/1.00	$51,300.00	$51,300.00

Columbia County Property Appraiser

DB Last Updated: 4/27/2009

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:			✓		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void			✓		
3	Condition space (Sq. Ft.) 2458		Total (Sq. Ft.) under roof 3703	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	✓		
5	Dimensions of all building set backs	✓		
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	✓		
7	Provide a full legal description of property.	✓		

Wind-load Engineering Summary, calculations and any details required

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		
8	Plans or specifications must show compliance with FBCR Chapter 3	IIIIII	IIIII	IIIIII
		YES	NO	N/A
9	Basic wind speed (3-second gust), miles per hour	✓		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	✓		
11	Wind importance factor and nature of occupancy	✓		
12	The applicable internal pressure coefficient, Components and Cladding	✓		
13	The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component, cladding materials not specifally designed by the registered design professional.	✓		

Elevations Drawing including:

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

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	✓		
21	Raised floor surfaces located more than 30 inches above the floor or grade	✓		
22	All exterior and interior shear walls indicated	✓		
23	Shear wall opening shown (Windows, Doors and Garage doors)	✓		
24	Emergency escape and rescue opening shown in each bedroom (net clear opening shown)	✓		
25	Safety glazing of glass where needed	✓		
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FBCR)	✓		
27	Stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails (see FBCR SECTION 311)			✓
28	Identify accessibility of bathroom (see FBCR SECTION 322)			✓

All materials placed within opening or onto/into exterior walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the 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.	✓		
30	All posts and/or column footing including size and reinforcing	✓		
31	Any special support required by soil analysis such as piling.			✓
32	Assumed load-bearing valve of soil_____ Pound Per Square Foot	✓		
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type)	✓		

FBCR 506: CONCRETE SLAB ON GRADE

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

FBCR 320: PROTECTION AGAINST TERMITES

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

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

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

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

Floor Framing System: First and/or second story

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer	✓		
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers	✓		
41	Girder type, size and spacing to load bearing walls, stem wall and/or priers	✓		
42	Attachment of joist to girder	✓		
43	Wind load requirements where applicable	✓		
44	Show required under-floor crawl space	✓		
45	Show required amount of ventilation opening for under-floor spaces	✓		
46	Show required covering of ventilation opening	✓		
47	Show the required access opening to access to under-floor spaces	✓		
	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges &	✓		

48	intermediate of the areas structural panel sheathing	✓		
49	Show Draftstopping, Fire caulking and Fire blocking	✓		
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 309	✓		
51	Provide live and dead load rating of floor framing systems (psf).	✓		

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

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

FBCR :ROOF SYSTEMS:

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

FBCR 802:Conventional Roof Framing Layout

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

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

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

FBCR ROOF ASSEMBLIES FRC Chapter 9

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

FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR 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	✓		
74	Attic space	✓		
75	Exterior wall cavity	✓		
76	Crawl space	✓		

HVAC information

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	✓		
78	Exhaust fans locations in bathrooms	✓		
79	Show clothes dryer route and total run of exhaust duct	✓		

Plumbing Fixture layout shown

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

Private Potable Water

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

Electrical layout shown including

85	Switches, outlets/receptacles, lighting and all required GFCI outlets identified	✓		
86	Ceiling fans	✓		
87	Smoke detectors & Carbon dioxide detectors	✓		
88	Service panel, sub-panel, location(s) and total ampere ratings	✓		
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type.	✓		

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

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			
93	**Parcel Number** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested	✓		
94	**Environmental Health Permit or Sewer Tap Approval** A copy of a approved Columbia County Environmental Health (386) 758-1058			
95	**City of Lake City** A permit showing an approved waste water sewer tap			✓
96	**Toilet facilities shall be provided for all construction sites**	✓		
97	**Town of Fort White** (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			✓
98	**Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations			✓
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established			✓
100	A development permit will also be required. Development permit cost is **$50.00**			
101	**Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (**$25.00**) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (**$50.00**). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.	✓		
102	**911 Address:** If the project is located in an area where a 911 address has not been issued, then application for a 911address must be applied for and **received** through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125	✓		

Section R101.2.1 of the Florida Building Code Residential:

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

Section 105 of the Florida Building Code defines the:

Time limitation of application.

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

Single-family residential dwelling.

Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 working days of application therefor unless unusual circumstances require a longer time for processing the 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: Legion Place S/D Lot 6 **Project Name:** Sinisi

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	PlastProInc	Opaque fiberglass-inswing/out	4760.1, 47602
2. Sliding	PellaCorp	Vinyle sliding glass door	1824.1
3. Sectional	Raynor	Overlay Carriage House Garage Dr	8645.1, 8645.2
4. Roll up	Janus	Roll up flat slat door	11075.1
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung	PhillipsProduct	Single hung 48x96 w/insulated	5300.4
2. Horizontal Slider	Alenco	aluminum xox horizontal slider	7673.1
3. Casement			
4. Double Hung	Kawneer	aluminum non-impact double hung	7912.1
5. Fixed	PhilipsProducts	96x72 extruded vinyle twin d	1935.3
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	Alcoa	structure vinyle	5544.6
2. Soffits	Variform	D5 standard vinyle, T4 alumin	11176.3, 11176.6
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	Tamko	heavy weight dimensional	7154.1
2. Underlayments	Tamko	self adhering rubberized membrane	3664.1
3. Roofing Fasteners	OMG	fastners for base sheet/insulation	699.1, 699.2
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	Simpson	double stud to plate tie, universal	10456.1, 5631.1
2. Truss plates	MiTek	metal connector plate	1999.1, 1999.2
3. Engineered lumber	GP WPS	laminated lumber, I-joist	10009.1, 1005.1
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall	Huber	zipsystem w/ sheathing	10565.1
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

Samantha Harrington
Contractor or Contractor's Authorized Agent Signature

Samantha Harrington 6/22/05
Print Name Date

Legion Place lot 6
Location

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

Website:

Effective April 1, 2004

FORM 1100A-08

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name:	Sinisi Residence	Builder Name:	Isaac Construction
Street:		Permit Office:	Columbia County
City, State, Zip:	Lake City , FL , 32024-	Permit Number:	
Owner:	Tony & Magda Sinisi	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	4
5. Is this a worst case?	No
6. Conditioned floor area (ft²)	2458

7. Windows	Description	Area
a. U-Factor:	Dbl, U=0.30	426.00 ft²
SHGC:	SHGC=0.50	
b. U-Factor:	N/A	ft²
SHGC:		
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=5.0	2458.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=19.0	2047.50 ft²
b. Frame - Wood, Adjacent	R=19.0	171.04 ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	2704.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts
a. Sup: Attic Ret: Attic AH: Garage Sup. R= 6, 614.5 ft²

12. Cooling systems
a. Central Unit — Cap: 67.7 kBtu/hr, SEER: 14

13. Heating systems
a. Electric Heat Pump — Cap: 67.7 kBtu/hr, HSPF: 7.7

14. Hot water systems
a. Electric — Cap: 80 gallons, EF: 0.9

b. Conservation features
None

15. Credits — None

Glass/Floor Area: 0.173

Total As-Built Modified Loads: 40.69
Total Baseline Loads: 50.84

PASS

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

PREPARED BY: _____
DATE: 6/19/09

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: _____

- Compliance requires an envelope leakage test report, by a Florida Class 1 Rater, in accordance with N1113.A.1.

PROJECT

Title:	Sinisi Residence	Bedrooms:	4	Adress Type:	Lot Information
Building Type:	FLAsBuilt	Bathrooms:	0	Lot #	6
Owner:	Tony & Magda Sinisi	Conditioned Area:	2458	SubDivision:	Legion Place
# of Units:	1	Total Stories:	1	PlatBook:	
Builder Name:	Isaac Construction	Worst Case:	No	Street:	
Permit Office:	Columbia County	Rotate Angle:	0	County:	Columbia
Jurisdiction:		Cross Ventilation:		City, State, Zip:	Lake City , FL , 32024-
Family Type:	Single-family	Whole House Fan:			
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	246.5 ft	5	2458 ft²	0	0	1

ROOF

√	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
____	1	Hip	Composition shingles	2662 ft²	0 ft²	Dark	0.96	No	0	22.6 deg

ATTIC

√	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
____	1	Full attic	Vented	303	2458 ft²	N	N

CEILING

√	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
____	1	Under Attic (Vented)	30	2704 ft²	0.11	Wood

WALLS

√	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
____	1	N	Exterior	Frame - Wood	19	344.56 ft²	0	0.23	0.75
____	2	S	Exterior	Frame - Wood	19	311.25 ft²	0	0.23	0.75
____	3	E	Exterior	Frame - Wood	19	370.92 ft²	0	0.23	0.75
____	4	W	Exterior	Frame - Wood	19	435.92 ft²	0	0.23	0.75
____	5	NW	Exterior	Frame - Wood	19	302.92 ft²	0	0.23	0.75
____	6	SW	Exterior	Frame - Wood	19	281.92 ft²	0	0.23	0.75
____	7	E	Garage	Frame - Wood	19	171.04 ft²		0.23	0.01

DOORS

√	#	Ornt	Door Type	Storms	U-Value	Area
_____	1	E	Insulated	None	0.46	20 ft²
_____	2	W	Insulated	None	0.46	20 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	E	Metal	Double (Clear)	Yes	0.3	0.5	N	72 ft²	0 ft 78 in	0 ft 18 in	HERS 2006	None
_____	2	E	Metal	Double (Clear)	Yes	0.3	0.5	N	12 ft²	0 ft 78 in	0 ft 0 in	HERS 2006	None
_____	3	E	Metal	Double (Clear)	Yes	0.3	0.5	N	20 ft²	0 ft 12 in	0 ft 24 in	HERS 2006	None
_____	4	N	Metal	Double (Clear)	Yes	0.3	0.5	N	6 ft²	0 ft 18 in	0 ft 12 in	HERS 2006	None
_____	5	N	Metal	Double (Clear)	Yes	0.3	0.5	N	8 ft²	0 ft 18 in	0 ft 12 in	HERS 2006	None
_____	6	NW	Metal	Double (Clear)	Yes	0.3	0.5	N	15 ft²	0 ft 30 in	0 ft 24 in	HERS 2006	None
_____	7	W	Metal	Double (Clear)	Yes	0.3	0.5	N	30 ft²	0 ft 188 in	0 ft 36 in	HERS 2006	None
_____	8	SW	Metal	Double (Clear)	Yes	0.3	0.5	N	15 ft²	0 ft 192 in	0 ft 36 in	HERS 2006	None
_____	9	W	Metal	Double (Clear)	Yes	0.3	0.5	N	48 ft²	0 ft 228 in	0 ft 12 in	HERS 2006	None
_____	10	N	Metal	Double (Clear)	Yes	0.3	0.5	N	21 ft²	0 ft 180 in	0 ft 12 in	HERS 2006	None
_____	11	NW	Metal	Double (Clear)	Yes	0.3	0.5	N	21 ft²	0 ft 168 in	0 ft 12 in	HERS 2006	None
_____	12	W	Metal	Double (Clear)	Yes	0.3	0.5	N	21 ft²	0 ft 138 in	0 ft 12 in	HERS 2006	None
_____	13	N	Metal	Double (Clear)	Yes	0.3	0.5	N	42.67 ft²	0 ft 54 in	0 ft 12 in	HERS 2006	None
_____	14	W	Metal	Double (Clear)	Yes	0.3	0.5	N	35 ft²	0 ft 18 in	0 ft 24 in	HERS 2006	None
_____	15	W	Metal	Double (Clear)	Yes	0.3	0.5	N	15 ft²	0 ft 18 in	0 ft 12 in	HERS 2006	None
_____	16	S	Metal	Double (Clear)	Yes	0.3	0.5	N	30 ft²	0 ft 18 in	0 ft 12 in	HERS 2006	None
_____	17	S	Metal	Double (Clear)	Yes	0.3	0.5	N	5.33 ft²	0 ft 18 in	0 ft 12 in	HERS 2006	None
_____	18	S	Metal	Double (Clear)	Yes	0.3	0.5	N	9 ft²	0 ft 18 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
_____	Proposed ACH	0.00036	2321	6.30	127.4	239.6	0 cfm	0 cfm	0	0

GARAGE

√	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
_____	1	569.763 ft²	569.763 ft²	77.33 ft	8 ft	13

COOLING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ductless
_____	1	Central Unit	None	SEER: 14	67.7 kBtu/hr	cfm	0.75	

HEATING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Ductless
_____	1	Electric Heat Pump	None	HSPF: 7.7	67.7 kBtu/hr	

HOT WATER SYSTEM

√	#	System Type	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	0.9	80 gal	70 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	614.5 ft²	Attic	122.9 ft²	Default Leakage	Garage				

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, 32024-	

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* = 80

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		4
5. Is this a worst case?		No
6. Conditioned floor area (ft²)		2458

7. Windows**	Description	Area
a. U-Factor:	Dbl, U=0.30	426.00 ft²
SHGC:	SHGC=0.50	
b. U-Factor:	N/A	ft²
SHGC:		
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=5.0	2458.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=19.0	2047.50 ft²
b. Frame - Wood, Adjacent	R=19.0	171.04 ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	2704.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts
a. Sup: Attic Ret: Attic AH: Garage Sup. R= 6, 614.5 ft²

12. Cooling systems
a. Central Unit — Cap: 67.7 kBtu/hr, SEER: 14

13. Heating systems
a. Electric Heat Pump — Cap: 67.7 kBtu/hr, HSPF: 7.7

14. Hot water systems
a. Electric — Cap: 80 gallons, EF: 0.9

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: _____

Address of New Home: _____ City/FL Zip: _____

*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.

Residential System Sizing Calculation

Summary

Tony & Magda Sinisi

Lake City, FL 32024-

Project Title:
Sinisi Residence

Code Only
Professional Version
Climate: North

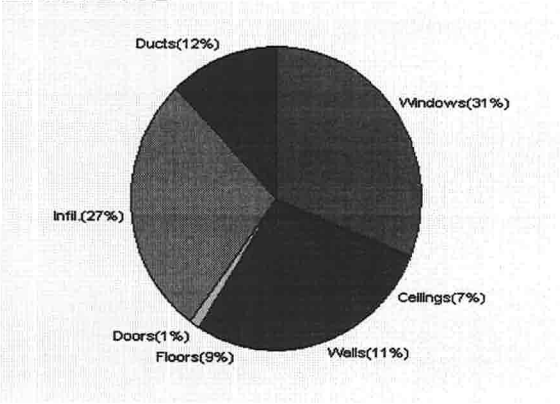
6/19/2009

Location for weather data: Gainesville - User customized: Latitude(29) Altitude(152 ft.) Temp Range(M) Humidity data: Interior RH (50%) Outdoor wet bulb (78F) Humidity difference(54gr.)					
Winter design temperature	33	F	Summer design temperature	95	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	20	F
Total heating load calculation	**43736**	**Btuh**	**Total cooling load calculation**	**61590**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	154.8	67700	Sensible (SHR = 0.75)	102.0	50775
Heat Pump + Auxiliary(0.0kW)	154.8	67700	Latent	143.5	16925
			Total (Electric Heat Pump)	109.9	67700

WINTER CALCULATIONS

Winter Heating Load (for 2458 sqft)

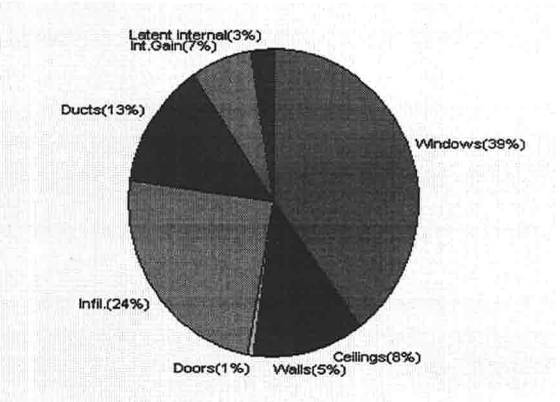
Load component			Load	
Window total	426	sqft	13713	Btuh
Wall total	1753	sqft	5011	Btuh
Door total	40	sqft	518	Btuh
Ceiling total	2704	sqft	3186	Btuh
Floor total	247	sqft	4031	Btuh
Infiltration	295	cfm	11948	Btuh
Duct loss			5330	Btuh
Subtotal			**43736**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**43736**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 2458 sqft)

Load component			Load	
Window total	426	sqft	24320	Btuh
Wall total	1753	sqft	3005	Btuh
Door total	40	sqft	434	Btuh
Ceiling total	2704	sqft	4736	Btuh
Floor total			0	Btuh
Infiltration	258	cfm	5651	Btuh
Internal gain			4240	Btuh
Duct gain			7406	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**49793**	**Btuh**
Latent gain(ducts)			765	Btuh
Latent gain(infiltration)			9432	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1600	Btuh
Total latent gain			**11797**	**Btuh**
TOTAL HEAT GAIN			**61590**	**Btuh**



Version 8
For Florida residences only

EnergyGauge® System Sizing
PREPARED BY: _____
DATE: 6/19/09

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Tony & Magda Sinisi

Lake City, FL 32024-

Project Title:
Sinisi Residence

Code Only
Professional Version
Climate: North

Reference City: Gainesville (User customized) Winter Temperature Difference: 37.0 F

6/19/2009

WHOLE HOUSE TOTALS

	Subtotal Sensible	43736 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	43736 Btuh

EQUIPMENT

1. Electric Heat Pump	#	67700 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)
Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

Version 8
For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Tony & Magda Sinisi
Lake City, FL 32024-

Project Title:
Sinisi Residence

Code Only
Professional Version
Climate: North

Reference City: Gainesville (User customized) Winter Temperature Difference: 37.0 F

6/19/2009

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	E	72.0	32.2	2318 Btuh
2	2, Clear, Metal, 0.87	E	12.0	32.2	386 Btuh
3	2, Clear, Metal, 0.87	E	20.0	32.2	644 Btuh
4	2, Clear, Metal, 0.87	N	6.0	32.2	193 Btuh
5	2, Clear, Metal, 0.87	N	8.0	32.2	258 Btuh
6	2, Clear, Metal, 0.87	NW	15.0	32.2	483 Btuh
7	2, Clear, Metal, 0.87	W	30.0	32.2	966 Btuh
8	2, Clear, Metal, 0.87	SW	15.0	32.2	483 Btuh
9	2, Clear, Metal, 0.87	W	48.0	32.2	1545 Btuh
10	2, Clear, Metal, 0.87	N	21.0	32.2	676 Btuh
11	2, Clear, Metal, 0.87	NW	21.0	32.2	676 Btuh
12	2, Clear, Metal, 0.87	W	21.0	32.2	676 Btuh
13	2, Clear, Metal, 0.87	N	42.7	32.2	1374 Btuh
14	2, Clear, Metal, 0.87	W	35.0	32.2	1127 Btuh
15	2, Clear, Metal, 0.87	W	15.0	32.2	483 Btuh
16	2, Clear, Metal, 0.87	S	30.0	32.2	966 Btuh
17	2, Clear, Metal, 0.87	S	5.3	32.2	172 Btuh
18	2, Clear, Metal, 0.87	S	9.0	32.2	290 Btuh
	Window Total		426(sqft)		13713 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.08)	19.0	1602	2.9	4579 Btuh
2	Frame - Wood - Adj(0.08)	19.0	151	2.9	432 Btuh
	Wall Total		1753		5011 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
	Door Total		40		518Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	2704	1.2	3186 Btuh
	Ceiling Total		2704		3186Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	246.5 ft(p)	16.4	4031 Btuh
	Floor Total		247		4031 Btuh
			Zone Envelope Subtotal:		26459 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft) CFM=	
	Natural	0.80	22122	1753 295.0	11948 Btuh
Ductload	Pro. leak free, Supply(R6.0-Attic), Return(R6.0-Attic)			(DLM of 0.139)	5330 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Tony & Magda Sinisi

Lake City, FL 32024-

Project Title:
Sinisi Residence

Code Only
Professional Version
Climate: North

6/19/2009

Zone #1	**Sensible Zone Subtotal**	**43736 Btuh**

WHOLE HOUSE TOTALS

	Subtotal Sensible	43736 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	43736 Btuh

EQUIPMENT

1. Electric Heat Pump	#	67700 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)
Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Tony & Magda Sinisi

Lake City, FL 32024-

Project Title:
Sinisi Residence

Code Only
Professional Version
Climate: North

Reference City: Gainesville (User customized) Summer Temperature Difference: 20.0 F 6/19/2009

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

[illegible]87, None,N,N
[illegible].87, None,N,N
[illegible]87, None,N,N
[illegible].87, None,N,N
[illegible].87, None,N,N
[illegible].87, None,N,N
[illegible].87, None,N,N
[illegible].87, None,N,N
[illegible]87, None,N,N
[illegible].87, None,N,N
[illegible].87, None,N,N
[illegible].87, None,N,N
[illegible].87, None,N,N
[illegible].87, None,N,N
[illegible].87, None,N,N
[illegible].87, None,N,N
[illegible].87, None,N,N
[illegible].87, None,N,N
1.666666[illegible]ne,N,N
[illegible].87, None,N,N

	Window Total		426 (sqft)		19408 Btuh
Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	19.0/0.08	1601.5	1.7	2772 Btuh
2	Frame - Wood - Adj	19.0/0.08	151.0	1.5	233 Btuh
	Wall Total		1753 (sqft)		3005 Btuh
Doors	Type		Area (sqft)	HTM	Load
1	Insulated - Adjacent		20.0	10.8	217 Btuh
2	Insulated - Exterior		20.0	10.8	217 Btuh
	Door Total		40 (sqft)		434 Btuh
Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	2704.0	1.8	4736 Btuh
	Ceiling Total		2704 (sqft)		4736 Btuh
Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	5.0	247 (ft(p))	0.0	0 Btuh
	Floor Total		246.5 (sqft)		0 Btuh
Windows	July excursion for System 1				4912 Btuh
			Excursion Subtotal:		13088 Btuh
Duct load			(DGMs vary for Mixed ducts)		7406 Btuh
			Sensible Load All Zones		**20494 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Tony & Magda Sinisi

Lake City, FL 32024-

Project Title:
Sinisi Residence

Code Only
Professional Version
Climate: North

6/19/2009

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**42387 Btuh**
	Sensible Duct Load	7406 Btuh
	Total Sensible Zone Loads	**49793 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**49793 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	9432 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	765 Btuh
	Latent occupant gain (8 people @ 200 Btuh per person)	1600 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**11797 Btuh**
	TOTAL GAIN	**61590 Btuh**

EQUIPMENT

1. Central Unit	#	67700 Btuh

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

Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Tony & Magda Sinisi

Lake City, FL 32024-

Project Title:
Sinisi Residence

Code Only
Professional Version
Climate: North

Reference City: Gainesville (User customized) Summer Temperature Difference: 20.0 F 6/19/2009

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

Windows	July excursion for System 1	4912 Btuh
	Excursion Subtotal:	4912 Btuh
Duct load		858 Btuh
	Sensible Excursion Load	**5770 Btuh**

Component Loads for Zone #1: Main

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, None,N,N	E	6.5ft	7.5ft	72.0	46.7	25.3	32	82	3550 Btuh
2	2, Clear, 0.87, None,N,N	E	6.5ft	6ft.	12.0	10.8	1.2	32	82	440 Btuh
3	2, Clear, 0.87, None,N,N	E	1ft.	7ft.	20.0	0.0	20.0	32	82	1643 Btuh
4	2, Clear, 0.87, None,N,N	N	1.5ft	4ft.	6.0	0.0	6.0	32	32	189 Btuh
5	2, Clear, 0.87, None,N,N	N	1.5ft	3ft.	8.0	0.0	8.0	32	32	253 Btuh
6	2, Clear, 0.87, None,N,N	NW	2.5ft	7ft.	15.0	0.0	15.0	32	63	940 Btuh
7	2, Clear, 0.87, None,N,N	W	15.6	8ft.	30.0	30.0	0.0	32	82	947 Btuh
8	2, Clear, 0.87, None,N,N	SW	16ft.	8ft.	15.0	15.0	0.0	32	65	474 Btuh
9	2, Clear, 0.87, None,N,N	W	19ft.	9ft.	48.0	48.0	0.0	32	82	1515 Btuh
10	2, Clear, 0.87, None,N,N	N	15ft.	8ft.	21.0	0.0	21.0	32	32	663 Btuh
11	2, Clear, 0.87, None,N,N	NW	14ft.	8ft.	21.0	0.0	21.0	32	63	1316 Btuh
12	2, Clear, 0.87, None,N,N	W	11.5f	8ft.	21.0	21.0	0.0	32	82	663 Btuh
13	2, Clear, 0.87, None,N,N	N	4.5ft	9ft.	42.7	0.0	42.7	32	32	1347 Btuh
14	2, Clear, 0.87, None,N,N	W	1.5ft	9ft.	35.0	0.0	35.0	32	82	2874 Btuh
15	2, Clear, 0.87, None,N,N	W	1.5ft	6ft.	15.0	0.7	14.3	32	82	1195 Btuh
16	2, Clear, 0.87, None,N,N	S	1.5ft	6ft.	30.0	30.0	0.0	32	36	947 Btuh
17	2, Clear, 0.87, None,N,N	S	1.5ft	1.66	5.3	5.3	0.0	32	36	168 Btuh
18	2, Clear, 0.87, None,N,N	S	1.5ft	4ft.	9.0	9.0	0.0	32	36	284 Btuh
	Window Total				426 (sqft)					19408 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	19.0/0.08	1601.5	1.7	2772 Btuh
2	Frame - Wood - Adj	19.0/0.08	151.0	1.5	233 Btuh
	Wall Total		1753 (sqft)		3005 Btuh
Doors	Type		Area (sqft)	HTM	Load
1	Insulated - Adjacent		20.0	10.8	217 Btuh
2	Insulated - Exterior		20.0	10.8	217 Btuh
	Door Total		40 (sqft)		434 Btuh
Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	2704.0	1.8	4736 Btuh
	Ceiling Total		2704 (sqft)		4736 Btuh
Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	5.0	247 (ft(p))	0.0	0 Btuh
	Floor Total		246.5 (sqft)		0 Btuh
			Zone Envelope Subtotal:		27584 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Tony & Magda Sinisi

Lake City, FL 32024-

Project Title:
Sinisi Residence

Code Only
Professional Version
Climate: North

6/19/2009

Infiltration	Type SensibleNatural	ACH 0.70	Volume(cuft) 22122	wall area(sqft) 1753		CFM= 258.1		Load 5651	Btuh
Internal gain		Occupants 8		Btuh/occupant X 230	+	Appliance 2400		Load 4240	Btuh
						Sensible Envelope Load:		37475	Btuh
Duct load	Prop. leak free, Supply(R6.0-Attic), Return(R6.0-Attic)					(DGM of 0.175)		6548	Btuh
						Sensible Zone Load		**44023**	**Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Tony & Magda Sinisi

Lake City, FL 32024-

Project Title:
Sinisi Residence

Code Only
Professional Version
Climate: North

6/19/2009

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**42387 Btuh**
	Sensible Duct Load	7406 Btuh
	Total Sensible Zone Loads	**49793 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**49793 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	9432 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	765 Btuh
	Latent occupant gain (8 people @ 200 Btuh per person)	1600 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**11797 Btuh**
	TOTAL GAIN	**61590 Btuh**

EQUIPMENT

1. Central Unit	#	67700 Btuh

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

Version 8
For Florida residences only

Residential Window Diversity

MidSummer

Tony & Magda Sinisi

Lake City, FL 32024-

Project Title:
Sinisi Residence

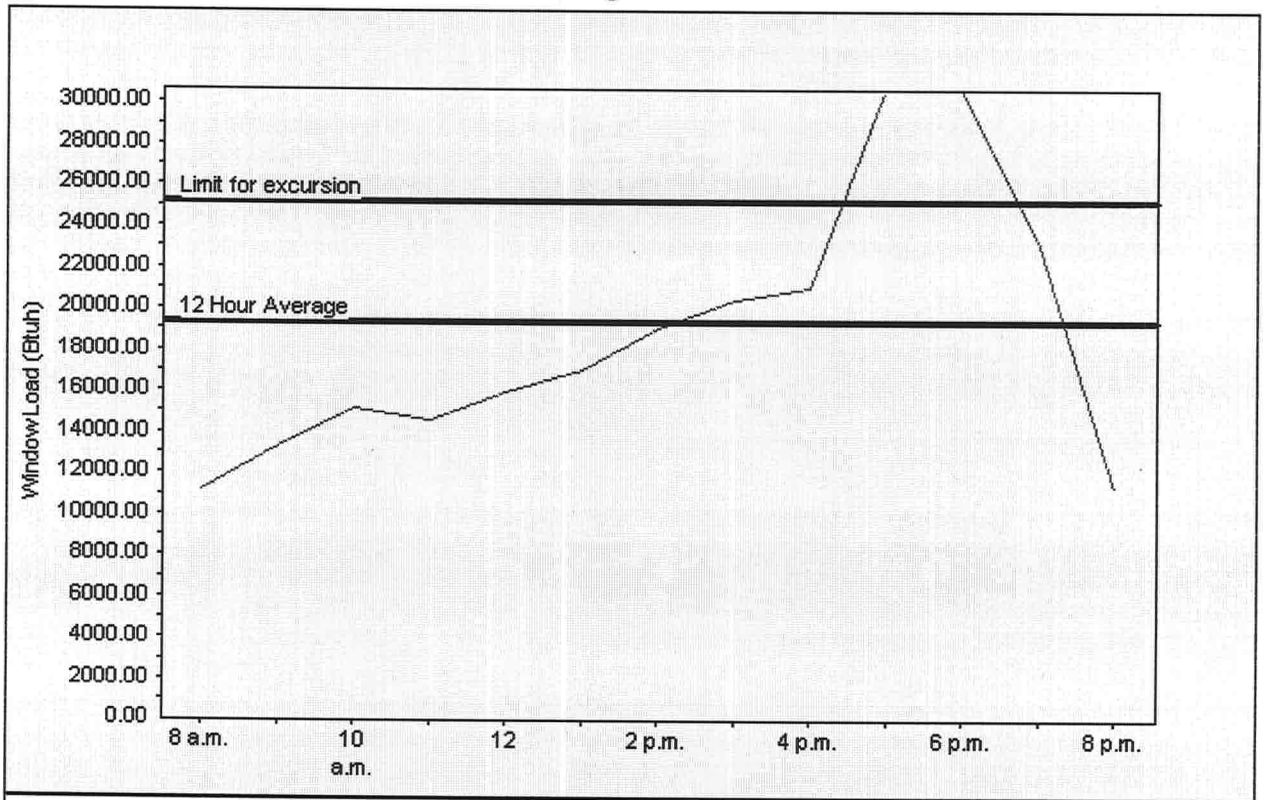
Code Only
Professional Version
Climate: North

6/19/2009

Weather data for: Gainesville - User customized

Summer design temperature	95 F	Average window load for July	19352 Btu
Summer setpoint	75 F	Peak window load for July	31292 Btu
Summer temperature difference	20 F	Excusion limit(130% of Ave.)	25157 Btu
Latitude	29 North	Window excursion (July)	6135 Btuh

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

This application has glass areas that produce large heat gains for part of the day. Variable air volume devices are required to overcome spikes in solar gain for one or more rooms. Install a zoned system or provide zone control for problem rooms. Single speed equipment may not be suitable for the application.

EnergyGauge® System Sizing for Florida residences only

PREPARED BY: _____

DATE: _____

New Construction Subterranean Termite Service Record

OMB Approval No. 2502-0525
(exp. 02/29/2012)

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.
Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential, therefore, no assurance of confidentiality is provided.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Company and builder, unless stated otherwise.

Section 1: General Information (Pest Control Company Information)

Company Name Aspen Pest Control, Inc.
Company Address P.O. Box 1785 City Lake City State FL Zip 32056
Company Business License No. JB109476 Company Phone No. 386-755-3611
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name Isaac Construction Phone No. 719-7143

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Anthony and Magda Sicsi
1500 SW Legion Drive Lake City, FL 32024

Section 4: Service Information

Date(s) of Service(s) 10-22-2010
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____

Check all that apply:

☐ A. Soil Applied Liquid Termiticide
Brand Name of Termiticide: Maxx-Thor EPA Registration No. 5s923-6
Approx. Dilution (%): .06 Approx. Total Gallons Mix Applied: 500 Treatment completed on exterior: ☐ Yes ☐ No

☐ B. Wood Applied Liquid Termiticide
Brand Name of Termiticide: _____ EPA Registration No. _____
Approx. Dilution (%): _____ Approx. Total Gallons Mix Applied: _____

☐ C. Bait System Installed
Name of System _____ EPA Registration No. _____ Number of Stations Installed _____

☐ D. Physical Barrier System Installed
Name of System _____ Attach installation information (required)

Service Agreement Available? ☒ Yes ☐ No
Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments _____

Name of Applicator(s) C. Lacey Certification No. (if required by State law) JF104376

The applicator has used a product in accordance with the product label and state requirements. All materials and methods used comply with state and federal regulations.

Authorized Signature _____ Date 10-22-2010

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010. 1012; 31 U.S.C. 3729, 3802)

28856

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

THIS DOCUMENT MUST BE RECORDED AT THE COUNTY CLERKS OFFICE BEFORE YOUR FIRST INSPECTION

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and inaccordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.
IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Tax Parcel ID Number 20-4S-16-03051-206 **Permit Number** _____

1. Description of property: (legal description of the property and street address or 911 address)
Lot #6 Region Place, a Subdivision according to the Plat thereof filed in Plat Book 7, Page 107, Public Record of Columbia County, Florida

2. General description of improvement: Construction of a Single Family Home

3. Owner Name & Address Anthony & Magda Sinisi

Interest in Property _____

4. Name & Address of Fee Simple Owner (if other than owner): N/A

5. Contractor Name Isaac Construction **Phone Number** 386-719-7143
Address 125 SW Midtown Pl, Suite #

6. Surety Holders Name N/A **Phone Number** _____
Address _____
Amount of Bond _____

7. Lender Name N/A **Phone Number** _____
Address _____

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:
Name N/A
Address _____

Inst:201012014781 Date:9/14/2010 Time:1:13 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1201 P:780

9. In addition to himself/herself the owner designates _____ **of** _____ **to receive a copy of the Lien Notice as provided in Section 713.13 (1) –**
(a) 7. Phone Number of the designee N/A

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) _____

THE OWNER MUST SIGN THE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN IN HIS/HER STEAD.

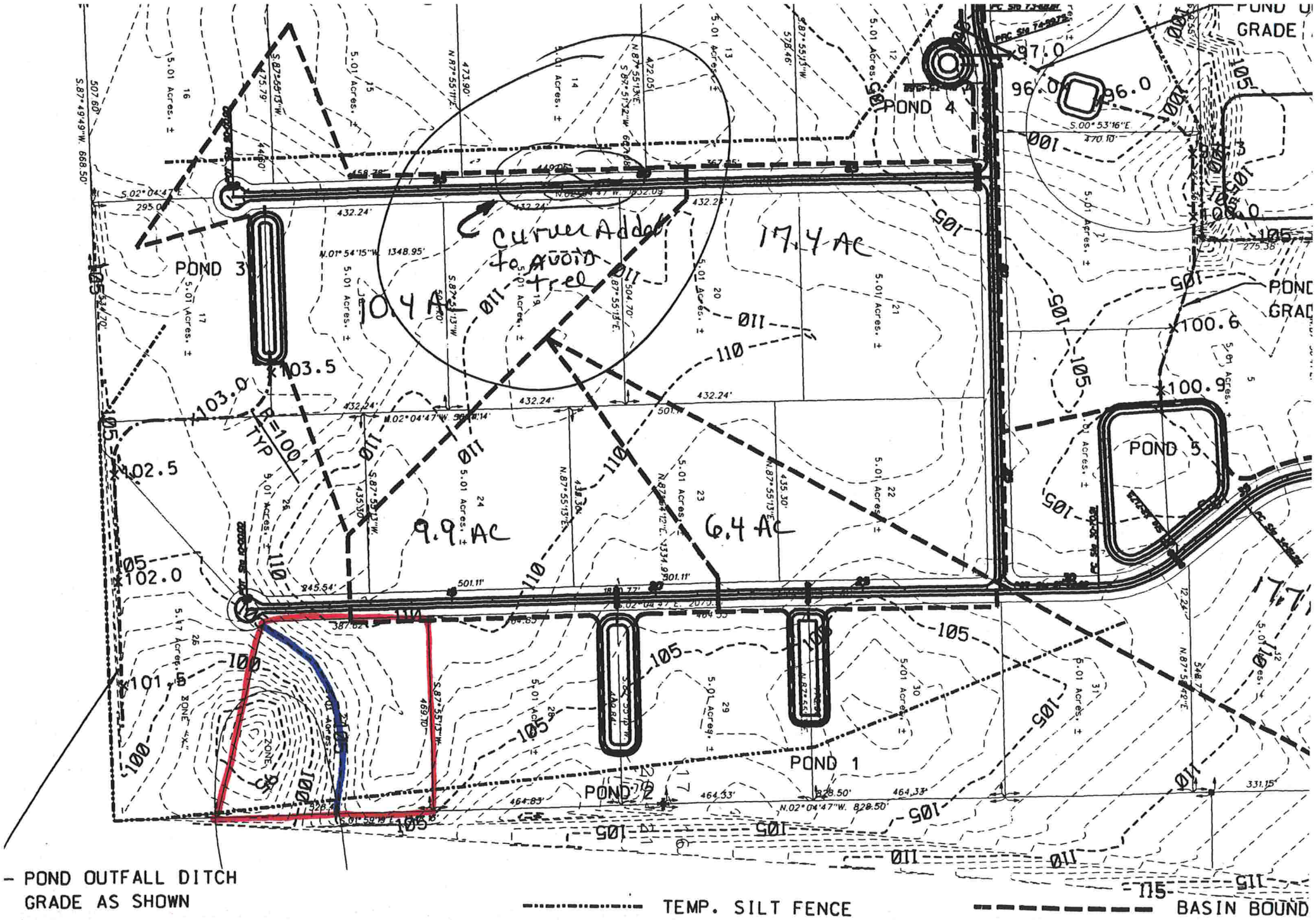
Anthony Sinisi
Magda Sinisi

Signature of Owner

Sworn to (or affirmed) and subscribed before day of 28th of July, 2010.

Barbara C. Webster
Signature of Notary **NOTARY STAMP/SEAL**

NOTARY PUBLIC STATE OF FLORIDA
BARBARA C. WEBSTER
MY COMMISSION # DD 800888
EXPIRES: July 2, 2012
Bonded Thru Budget Notary Services


POND 4
POND 3
POND 5
POND 2
POND 1
Curves Added to Avoid Trees
17.4 AC
10.4 AC
9.9 AC
6.4 AC
- POND OUTFALL DITCH GRADE AS SHOWN
TEMP. SILT FENCE
BASIN BOUND

4"X4" WATTLES & LEE CONCRETE MONUMENT FOUND SW CORNER OF THE NE 1/4, OF THE NE 1/4, SECTION 20, TOWNSHIP 4 SOUTH, RANGE 16 EAST.

4"X4" L.E. BRITT #1079 CONCRETE MONUMENT SET SE CORNER OF THE NE 1/4, OF THE NE 1/4, SECTION 20, TOWNSHIP 4 SOUTH, RANGE 16 EAST.

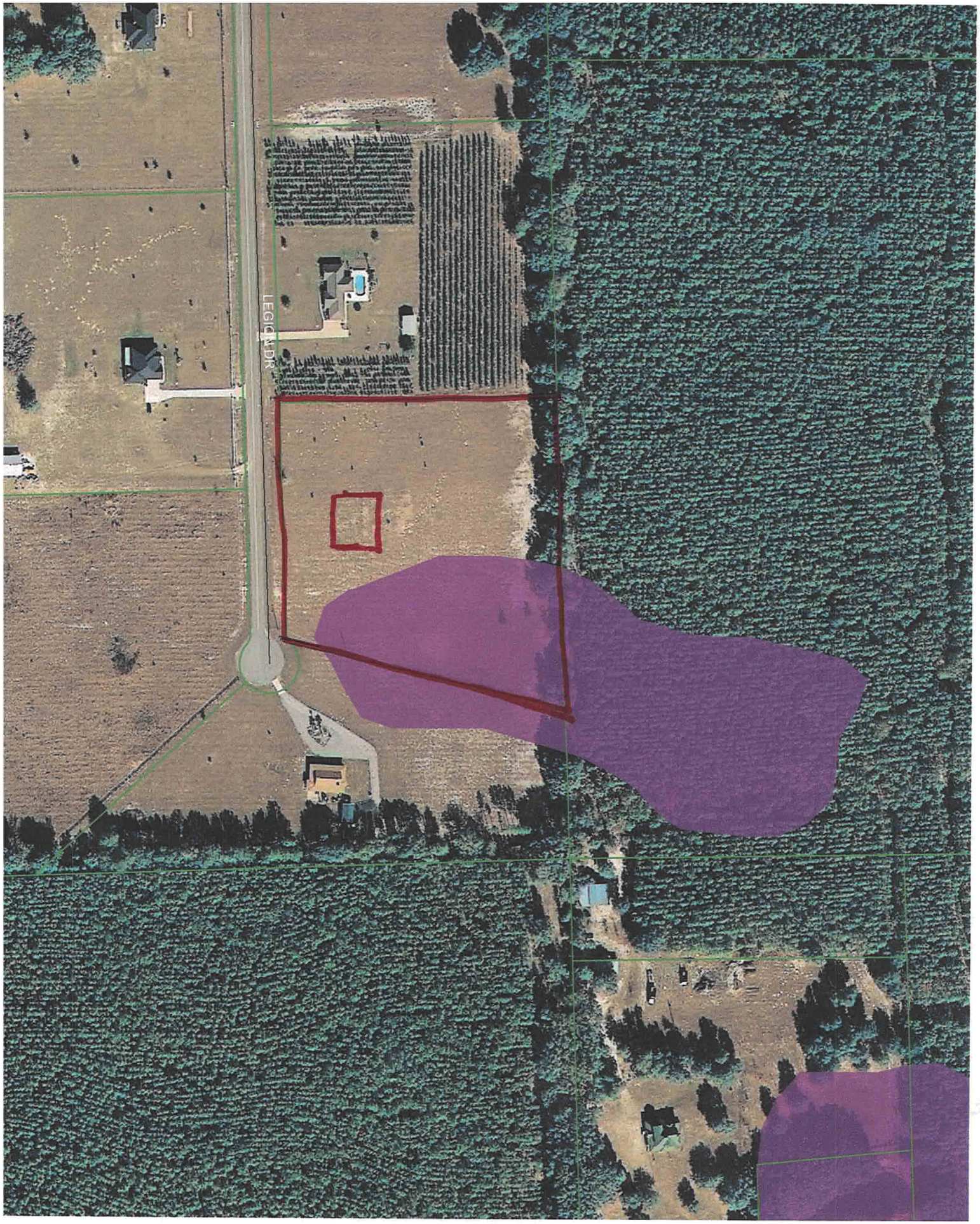
PLAT AS RECORDED IN ITS GRAPHICAL FORM, IS THE IAL DEPICTION OF THE SUBDIVIDED LANDS DESCRIBED IN AND WILL IN NO CIRCUMSTANCES BE SUPPLANTED IN ORITY BY OTHER GRAPHICAL OR DIGITAL FORM OF THE THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT RDED ON THIS PLAT THAT MAY BE FOUND IN THE PUBLIC RDS OF THIS COUNTY.

DEVELOPER:

PETER W. GIEBEIG
P.O. BOX 1384
LAKE CITY, FLORIDA 32056
904-752-7968

BRITT

TELEPHONE:



1008-07

(Block Hse)

Columbia County Building Permit Application

#2593

For Office Use Only Application # 1008-17 Date Received 8/12/10 By CS Permit # 1848/28856

Zoning Official B2K Date 03.09.10 Flood Zone X Land Use A-3 Zoning A-3

FEMA Map # N/A Elevation N/A MFE 1' above R/ River N/A Plans Examiner T.C. Date 9-2-10

Comments

☐ NOC ☐ EH ☑ Deed or PA ☑ Site Plan ☐ State Road Info ☐ Parent Parcel #

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

IMPACT FEES: EMS Fire Corr Road/Code

School = TOTAL N/A Suspended ☑ VF

Septic Permit No. 10-0350 Fax 386-719-4757

Name Authorized Person Signing Permit Barbara Webster Phone 386-719-7143

Address 125 SW Midtown Pl Ste# 101 Lake City, FL 32025

Owners Name Anthony and Magda Sinisi Phone

911 Address 1500 SW Legion Dr. Lake City, FL 32024

Contractors Name Isaac Construction, LLC Phone 386-719-7143

Address 125 SW Midtown Pl Ste #101 Lake City, FL 32025

Fee Simple Owner Name & Address

Bonding Co. Name & Address

Architect/Engineer Name & Address Mark Disosway, PE PO Box 868 Lake City, FL 32056

Mortgage Lenders Name & Address First Federal

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

Property ID Number 20-4S-16-03051-206 Estimated Cost of Construction 165,000.00

Subdivision Name Legion Place Lot 6 Block Unit Phase

Driving Directions Hwy 90 to Branford Hwy turn R on to Tamarac lane, follow the road around the R, turn L on to Tamarac lane follow it to S. Pointe on Legion Dr. Lot 6 on L near the end of the cul-de-sac 2nd to last on left

Number of Existing Dwellings on Property 0

Construction of new home SFD Total Acreage 5.01 Lot Size

Do you need a - (Culvert Permit) or Culvert Waiver or Have an Existing Drive Total Building Height 20'-1"

Actual Distance of Structure from Property Lines - Front 100'-0" Side 175'-8" Side 167'-4" Rear 296'-0"

Number of Stories 1 Heated Floor Area 2458 Total Floor Area 3703 Roof Pitch 5/12

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

Spoke w/ Barbara 9/3/10

Columbia County Building Permit Application

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

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

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

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

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF 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 CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: **There are some properties that may have deed restrictions recorded upon them.** These restrictions may limit or prohibit the work applied for in your building permit. It may be to your advantage to check and see if your property is encumbered by any restrictions.

Anthony Sinisi
Magda Bondi - Sinisi
____
Owners Signature **(Owners Must Sign All Applications Before Permit Issuance.)**

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

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

[signature]
____
Contractor's Signature (Permitee)

Contractor's License Number CBC 059323
Columbia County Competency Card Number ______________

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 28 **day of** July **20**10.

Personally known X **or Produced Identification** ______________

Barbara C Webster
____
State of Florida Notary Signature (For the Contractor)

SEAL:

NOTARY PUBLIC STATE OF FLORIDA
BARBARA C. WEBSTER
MY COMMISSION # DD 800888
EXPIRES: July 2, 2012
Bonded Thru Budget Notary Services

Date	Inspection	Inspect.	Owner	Pass	Location	Permit
03/16/11	Nailing	Randy	Isaac Bratkovich - Sinisi	OK	Legion Place Lot 6	28856
04/05/11	Framing	Troy	Isaac Bratkovich	Not Right	Legion Place Lot 6	28856
04/05/11	Electrical	Troy	Isaac Bratkovich	OK	Legion Place Lot 6	28856
04/05/11	Plumbing	Troy	Isaac Bratkovich	Not Right	Legion Place Lot 6	28856
04/05/11	A/C	Troy	Isaac Bratkovich	Ok	Legion Place Lot 6	28856
05/12/11	Recheck Framing	TC-RJ	Isaac Bratkovich - Sinisi	Not Right	Legion Place Lot 6	28856
05/12/11	Recheck Plumbing	TC-RJ	Isaac Bratkovich - Sinisi	OK	Legion Place Lot 6	28856

25% of $930.00
$ 232.50

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 28856 CONTRACTOR ISAAC BRATTONICH PHONE 867-0134

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

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

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

ELECTRICAL	Print Name_____ License #:	Signature_____ Phone #:
MECHANICAL/ A/C _____	Print Name_____ License #:	Signature_____ Phone #:
PLUMBING/ GAS	Print Name_____ License #:	Signature_____ Phone #:
ROOFING	Print Name_____ License #:	Signature_____ Phone #:
SHEET METAL	Print Name_____ License #:	Signature_____ Phone #:
FIRE SYSTEM/ SPRINKLER	Print Name_____ License#:	Signature_____ Phone #:
SOLAR	Print Name_____ License #:	Signature_____ Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO	1194	Ricky L Allen	Ricky Allen
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

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

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER _____ CONTRACTOR Isaac Construction PHONE _____

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

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

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

ELECTRICAL 234 ✓ OK	Print Name Conner Electric	Signature Michael S. Conner
	License #: ER13013192 9.16.10 - Class EJ - UA, EC,	Phone #: 386 965 9905
MECHANICAL/ A/C 563 ✓ OK	Print Name David Halls	Signature
	License #: CAC0 57424	Phone #: 386-755-9792
PLUMBING/ GAS 623 ✓ OK	Print Name Express Plumbing MARK GANSKOP	Signature
	License #: CFC1428640	Phone #: (386) 867-0269
ROOFING 494 ✓ OK	Print Name Precision Exteriors Caleb Laughton	Signature
	License #: CCC1327715	Phone #: 386-752-4022
SHEET METAL	Print Name	Signature
	License #:	Phone #:
FIRE SYSTEM/ SPRINKLER	Print Name	Signature
	License#:	Phone #:
SOLAR	Print Name	Signature
	License #:	Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON ✓ OK	000720	Donald Roberts	Donald Roberts
✓ CONCRETE FINISHER OK	000048	Hofstran Builders	Ben Hofstran
✓ FRAMING OK	CBC059323	Isaac Construction	Isaac Brantley
✓ INSULATION 421 OK	CBC059323	Isaac Construction	Isaac Brantley
✓ STUCCO OK	000256	Ron Davis	Ron Davis
✓ DRYWALL OK	000345	Heitzman Drywall	Kim Heitzman
PLASTER			
✓ CABINET INSTALLER OK	CBC059323	Isaac Construction	Isaac Brantley
✓ PAINTING OK	000249	Hart's Painting	
ACOUSTICAL CEILING			
✓ GLASS OK	000618	Lake City Glass	Carl Bullard
✓ CERAMIC TILE OK	600071	JES Tile	Jesse Bocanegra
FLOOR COVERING			
ALUM/VINYL SIDING			
✓ GARAGE DOOR OK	000619	Lake City Glass	Carl Bullard
METAL BLDG ERECTOR			

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

Laurie Hodson

From: Troy Crews
Sent: Wednesday, November 09, 2011 10:02 AM
To: asinisi@msn.com
Cc: Randy Jones; Laurie Hodson
Subject: permit # 28856 1500 S.W. Legion Dr.

Mr. Sinisi per our phone conversation this am I am sending you this e mail to inform you the status of inspections on you're hs.. A framing inspection was
Scheduled and performed on 5-12-11, the framing of the house was disapproved the contractor was informed that due to the multiple violations with the framing that he needed to contact the engineer of record for a plan to make repairs to meet code. If you have any questions feel free to call me.

M. Troy Crews
Building Official II
Columbia County
Fax 386-758-2160
Phone 386-758-1040
troy_crews@columbiacountyfla.com

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001848

DATE 09/14/2010 PARCEL ID # 20-4S-16-03051-206

APPLICANT BARBARA WEBSTER PHONE 386.719.7143

ADDRESS 125 SW MIDTOWN PL.,STE 101 LAKE CITY FL 32025

OWNER ANTHONY & MAGDA SINISI PHONE

ADDRESS 1500 SW LEGION DRIVE LAKE CITY FL 32024

CONTRACTOR ISAAC BRATKOVICH PHONE 386.719.7143

LOCATION OF PROPERTY 90-W TO SR. 247-S TO TAMARACK LN,TR TO LEGION DR.,TL 2ND TO LAST LOT ON L TOWARDS END OF CUL-DE-SAC.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT LEGION PLACE 6

SIGNATURE Barbara Webster

INSTALLATION REQUIREMENTS

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

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

[ ] Culvert installation shall conform to the approved site plan standards.

[ ] Department of Transportation Permit installation approved standards.

[ ] Other

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

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

Amount Paid 25.00

COLUMBIA COUNTY GATEWAY TO FLORIDA

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:1TSF8228Z0111134328

Truss Fabricator:	Anderson Truss Company
Job Identification:	9-121--Isaac Construction Sinisi -- , **
Truss Count:	55
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

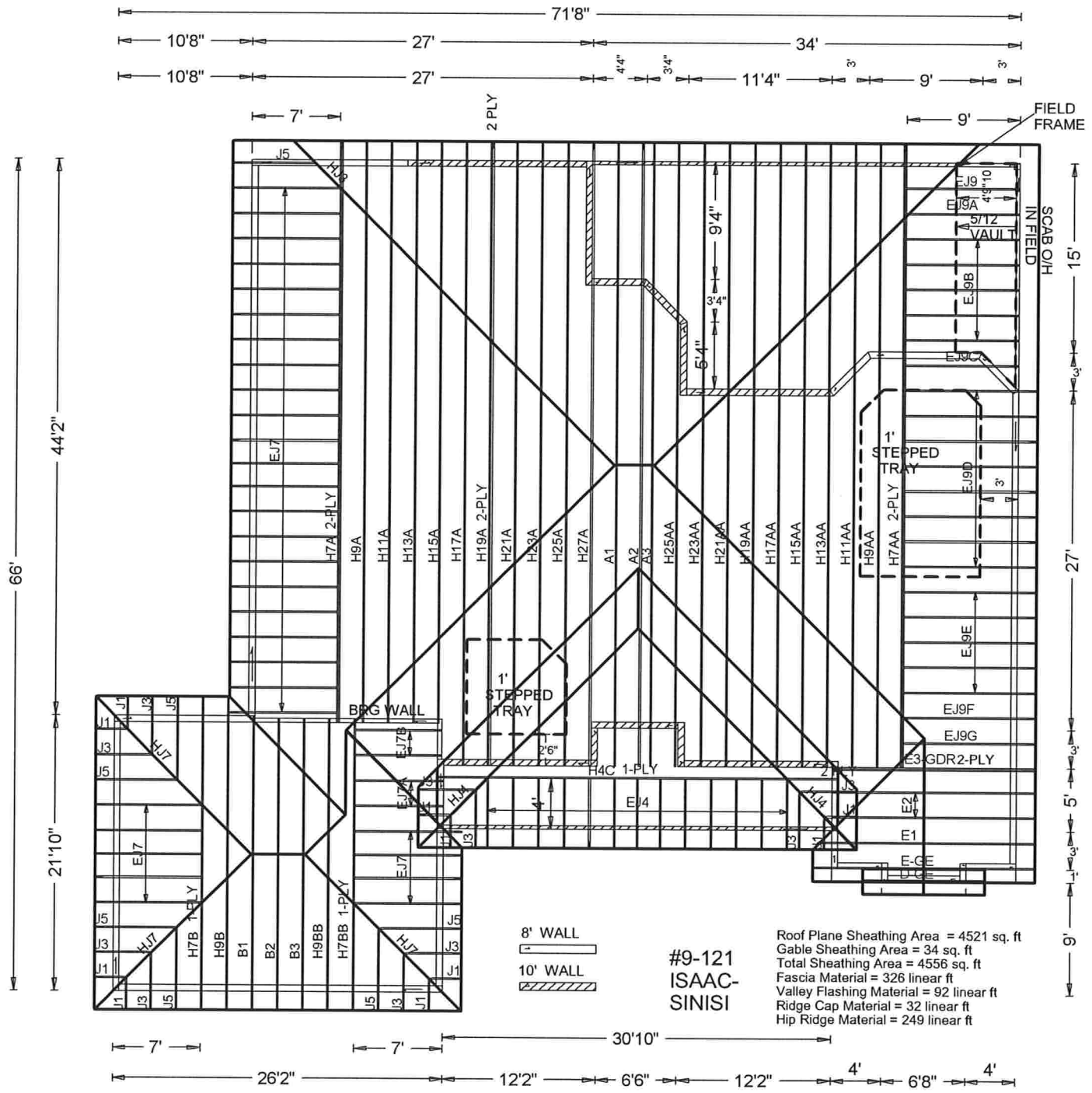
Details: A1101505-GBLLETIN-

Seal Date: 06/11/2009

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

#	Ref Description	Drawing#	Date
1	35510--H7A	09162077	06/11/09
2	35511--H9A	09162039	06/11/09
3	35512--H11A	09162040	06/11/09
4	35513--H13A	09162041	06/11/09
5	35514--H15A	09162001	06/11/09
6	35515--H17A	09162002	06/11/09
7	35516--H7AA	09162042	06/11/09
8	35517--H9AA	09162043	06/11/09
9	35518--H11AA	09162044	06/11/09
10	35519--H13AA	09162045	06/11/09
11	35520--H15AA	09162046	06/11/09
12	35521--H17AA	09162047	06/11/09
13	35522--H19AA	09162048	06/11/09
14	35523--H21AA	09162049	06/11/09
15	35524--H23AA	09162050	06/11/09
16	35525--H25AA	09162051	06/11/09
17	35526--A1	09162052	06/11/09
18	35527--A2	09162053	06/11/09
19	35528--A3	09162054	06/11/09
20	35529--H27A	09162055	06/11/09
21	35530--H21A	09162056	06/11/09
22	35531--H23A	09162003	06/11/09
23	35532--H25A	09162004	06/11/09
24	35533--H19A	09162057	06/11/09
25	35534--H7B	09162058	06/11/09
26	35535--H7BB	09162059	06/11/09
27	35536--H9B	09162005	06/11/09
28	35537--H9BB	09162006	06/11/09
29	35538--B3	09162007	06/11/09
30	35539--B2	09162008	06/11/09
31	35540--B1	09162009	06/11/09
32	35541--H4C	09162060	06/11/09
33	35542--D-GE	09162061	06/11/09
34	35543--E1	09162010	06/11/09
35	35544--E-GE	09162062	06/11/09
36	35545--E2	09162011	06/11/09

#	Ref Description	Drawing#	Date
37	35546--E3-GDR	09162063	06/11/09
38	35547--J1	09162064	06/11/09
39	35548--HJ7	09162065	06/11/09
40	35549--HJ4	09162066	06/11/09
41	35550--J3	09162012	06/11/09
42	35551--EJ4	09162067	06/11/09
43	35552--J5	09162013	06/11/09
44	35553--HJ3	09162068	06/11/09
45	35554--EJ7	09162014	06/11/09
46	35555--EJ7A	09162069	06/11/09
47	35556--EJ7B	09162070	06/11/09
48	35557--EJ9	09162071	06/11/09
49	35558--EJ9A	09162072	06/11/09
50	35559--EJ9B	09162073	06/11/09
51	35560--EJ9E	09162015	06/11/09
52	35561--EJ9F	09162074	06/11/09
53	35562--EJ9G	09162016	06/11/09
54	35563--EJ9D	09162075	06/11/09
55	35564--EJ9C	09162076	06/11/09



JOB DESCRIPTION:: Isaac Construction
/: Sinisi

JOB NO:
9-121

PAGE NO:
1 OF 1

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

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

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 64 PLF at -1.50 to 64 PLF at 0.00
TC - From 60 PLF at 0.00 to 60 PLF at 2.20
TC - From 126 PLF at 2.20 to 126 PLF at 44.67
BC - From 20 PLF at 0.00 to 20 PLF at 2.20
BC - From 44 PLF at 2.20 to 44 PLF at 44.67
BC - 353 LB Conc. Load at 2.20

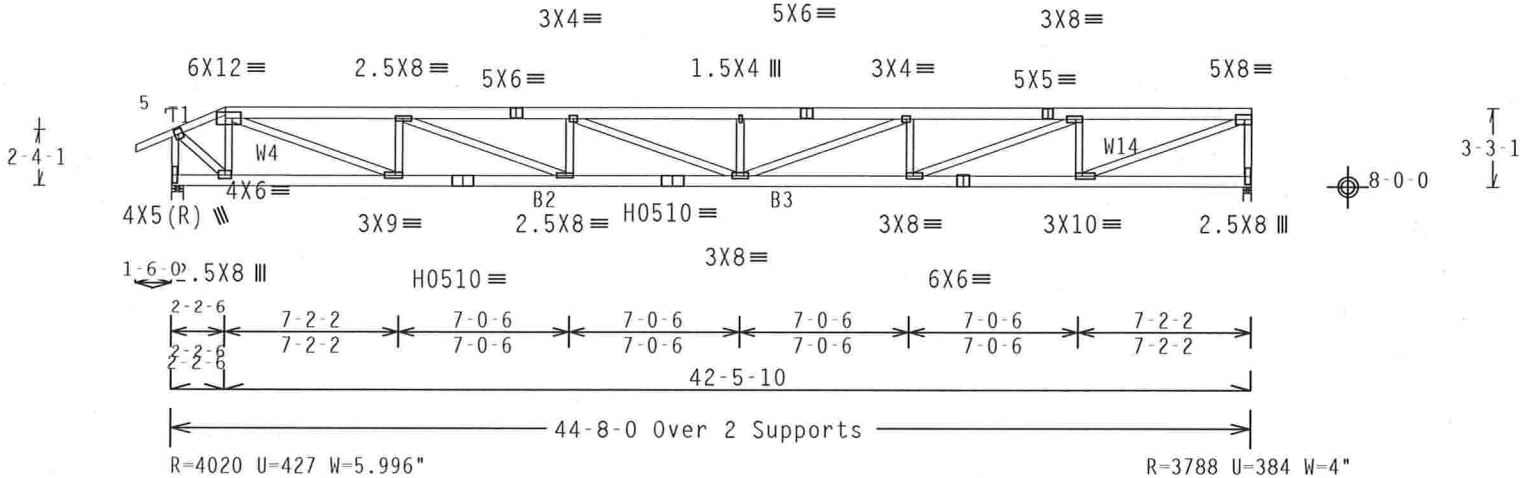
2 COMPLETE TRUSSES REQUIRED

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.

End verticals not exposed to wind pressure.

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

Calculated vertical deflection is 0.62" due to live load and 0.63" due to dead load at X = 23-5-3.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. 20 Gauge HS,Wave FT/RT=10%(0%)/0(0) 8.07.00 210 15 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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

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 (I) 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
11 '09

TC LL	20.0 PSF	REF	R8228- 35510
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162077
BC LL	0.0 PSF		HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN-	28397
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JREF-	1TSE8228701

(9-121--Isaac Construction Sinisi -- , ** - H9A)

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

Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

Roof overhang supports 2.00 psf soffit load.

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

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

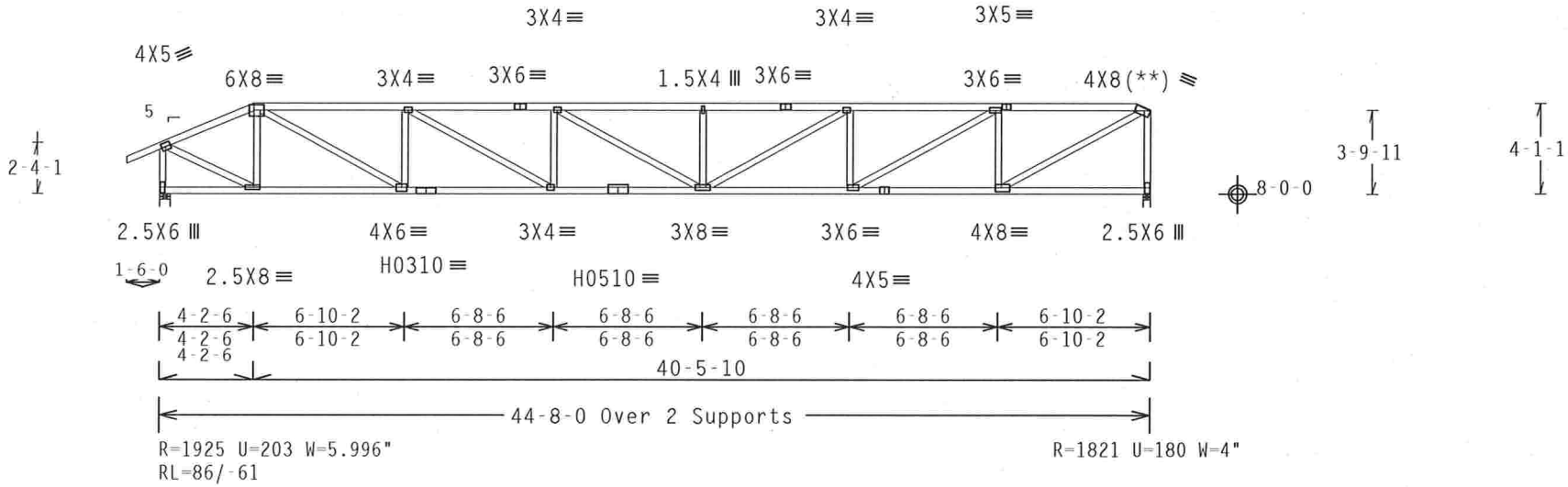
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 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. 20 Gauge HS,Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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

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

TC LL	20.0 PSF	REF R8228- 35511
TC DL	10.0 PSF	DATE 06/11/09
BC DL	10.0 PSF	DRW HCUSR8228 09162039
BC LL	0.0 PSF	HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN- 28407
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - H11A)

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

Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

Roof overhang supports 2.00 psf soffit load.

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

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

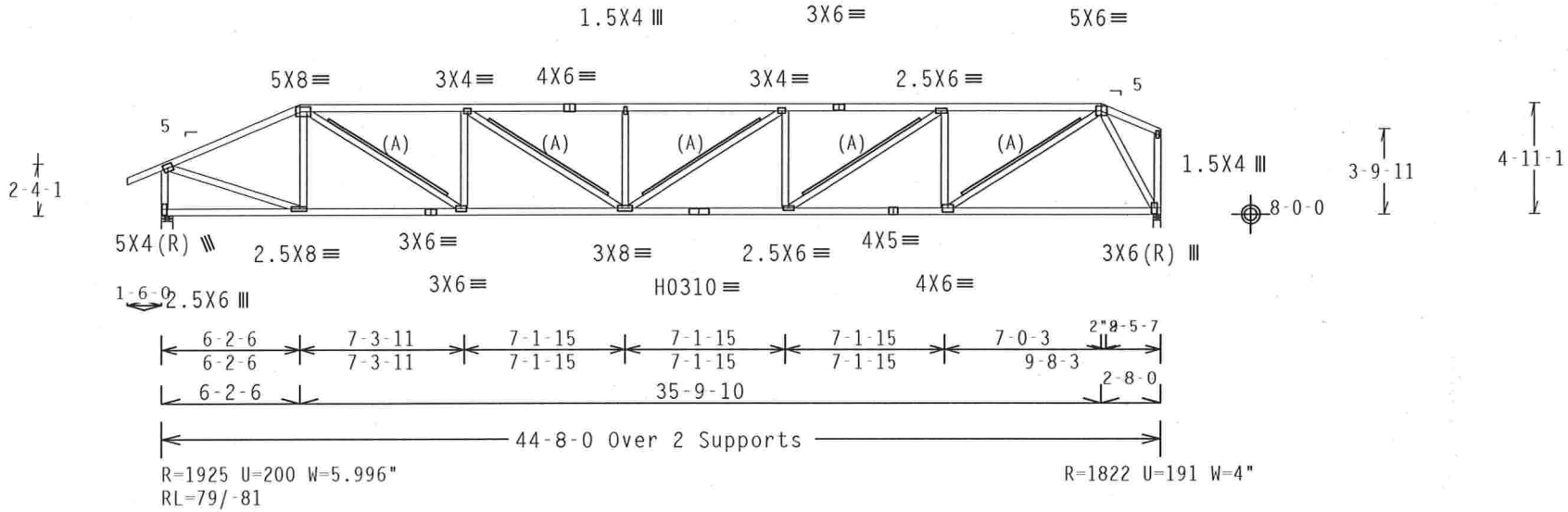
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(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.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. 20 Gauge HS,Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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

TC LL	20.0 PSF	REF	R8228- 35512
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162040
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28411
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228701

(9-121--Isaac Construction Sinisi -- , ** - H13A)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W14 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.18" due to live load and 0.18" due to dead load.

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

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

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

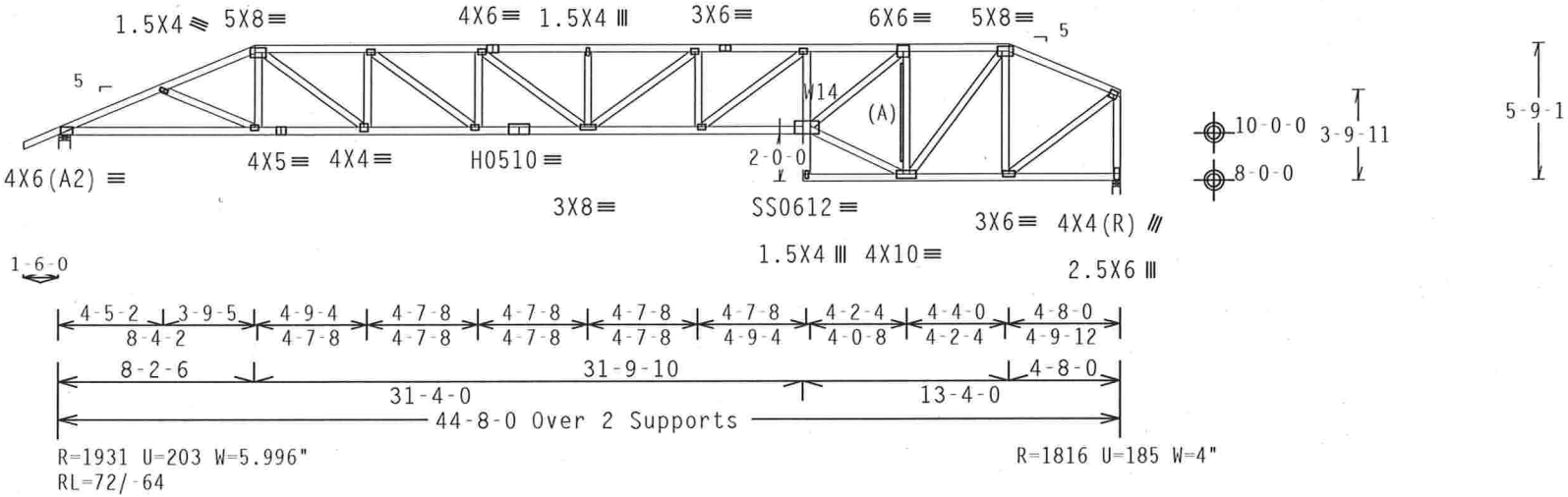
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(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.

Calculated vertical deflection is 0.55" due to live load and 0.57" due to dead load at X = 22-2-11.



Note: All Plates Are 3X4 Except As Shown.
PLT TYP. 20 Gauge HS,18 Gauge HS, Wave
Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0) 8.07.00 3 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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

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

TC LL	20.0 PSF	REF	R8228- 35513
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162041
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28428
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228701

(9-121--Isaac Construction Sinisi -- , ** - 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.

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

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

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

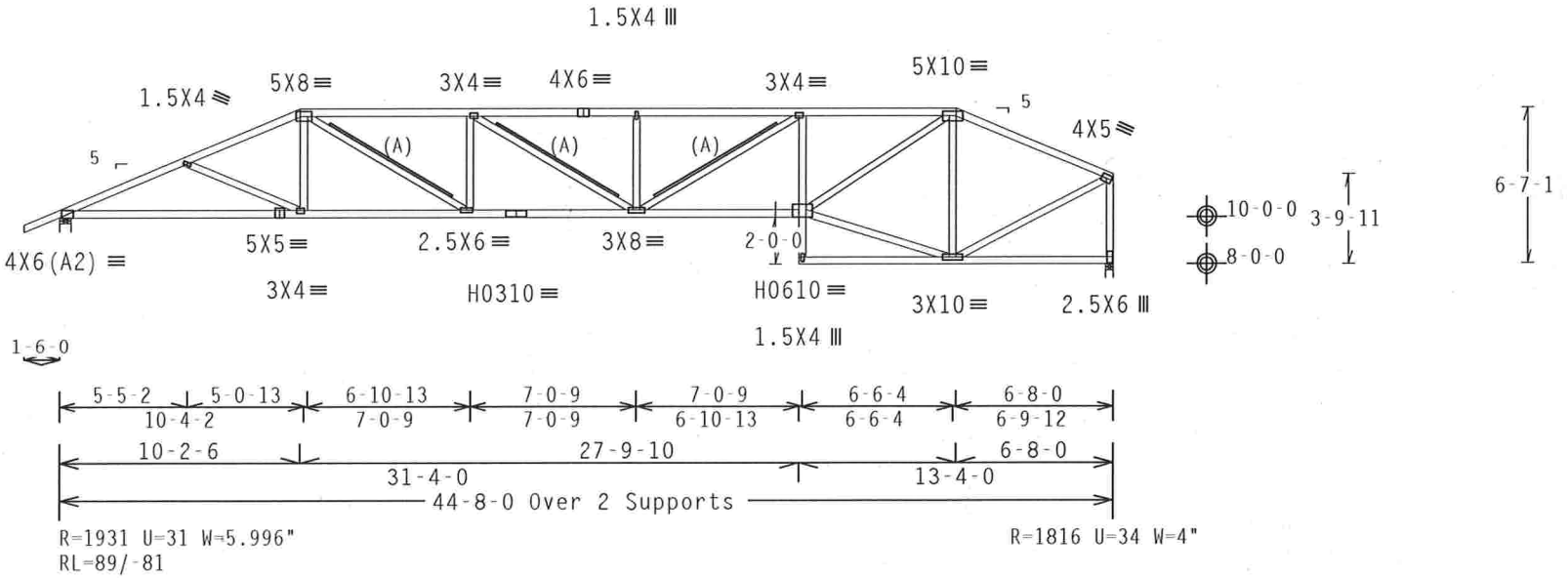
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(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.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. 20 Gauge HS,Wave | FT/RT=10%(0%)/0(0) | 8.07.00 | QTY:1 | FL/-/4/-/-/R/- | Scale =.125"/Ft.

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ITW Building Components Group Inc.
Haines City, FL 33844

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

TC LL	20.0 PSF	REF	R8228- 35514
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162001
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN-	28439
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSE8228701

(9-121--Isaac Construction Sinisi -- , ** - H17A)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W15 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

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

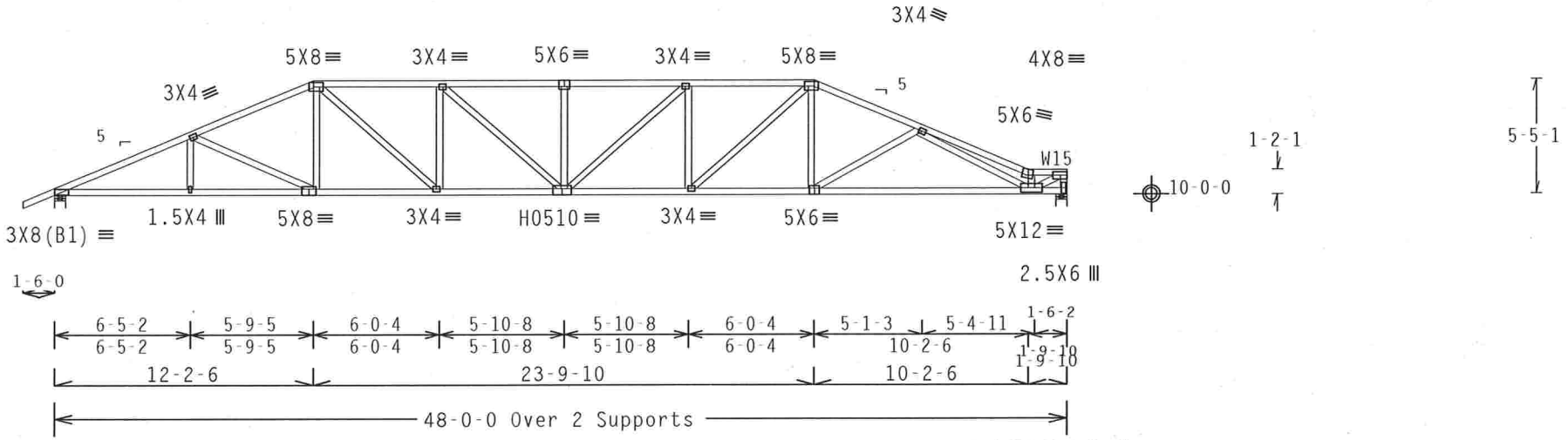
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 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/240 live and L/180 total load.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. 20 Gauge HS,Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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Haines City, FL 33844

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

TC LL	20.0 PSF	REF	R8228- 35515
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162002
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN-	28445
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228701

(9-121--Isaac Construction Sinisi -- , ** - H7AA)

Top chord 2x6 SP #2 :T1, T5 2x4 SP #2 Dense:
Bot chord 2x6 SP #2
Webs 2x4 SP #3 :W5, W14, W15 2x4 SP #2 Dense:

Trusses or components connecting to this girder have been modified by the truss designer. The loading for this girder requires verification for accuracy.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART._ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Roof overhang supports 2.00 psf soffit load.

Girder supports 9-0-0 span to TC/BC split one face and 2-0-0 span to TC/BC split opposite face.

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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.

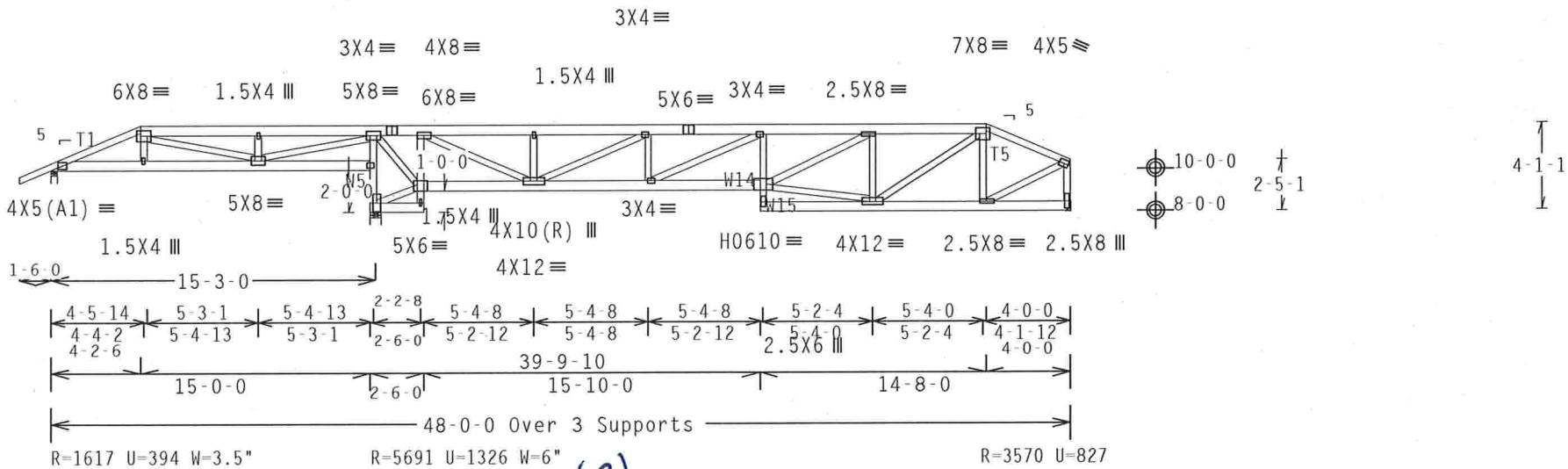
Wind reactions based on MWFRS pressures.

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/240 live and L/180 total load.

(2)



(3)

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. 20 Gauge HS,Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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JUN 11 '09

TC LL	20.0 PSF	REF	R8228- 35516
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162042
BC LL	0.0 PSF		HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN-	28633
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - H9AA)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W5 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

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.

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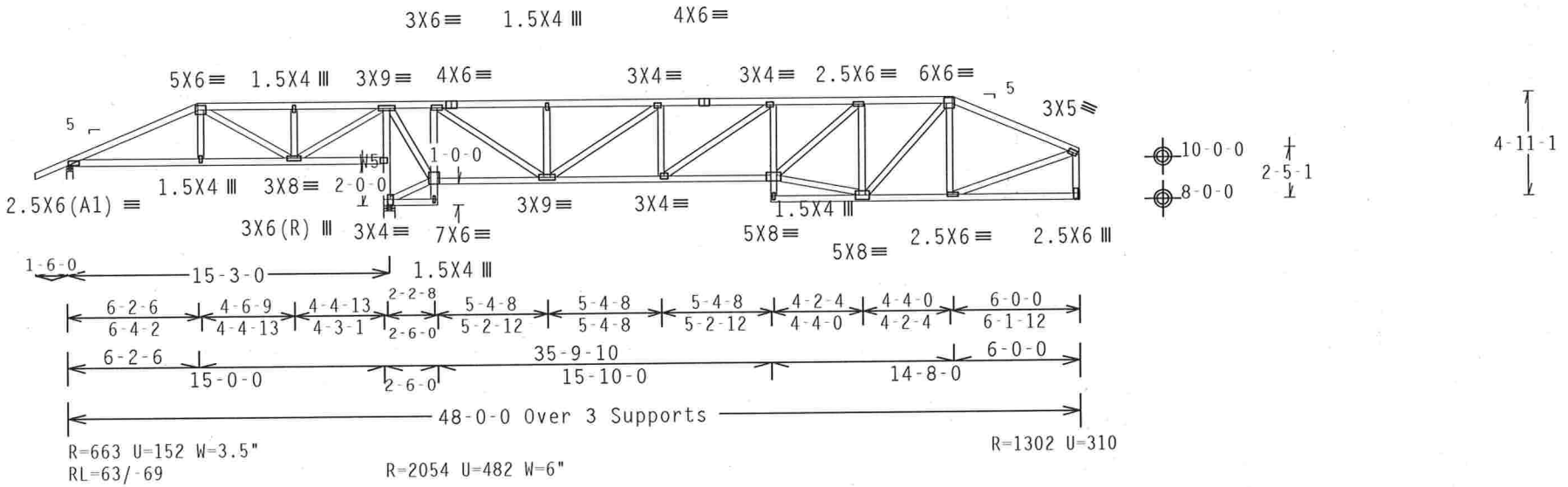

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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Haines City, FL 33844

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 11 '09

TC LL	20.0 PSF	REF R8228- 35517
TC DL	10.0 PSF	DATE 06/11/09
BC DL	10.0 PSF	DRW HCUSR8228 09162043
BC LL	0.0 PSF	HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN- 28652
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - H11AA)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W6 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

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

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

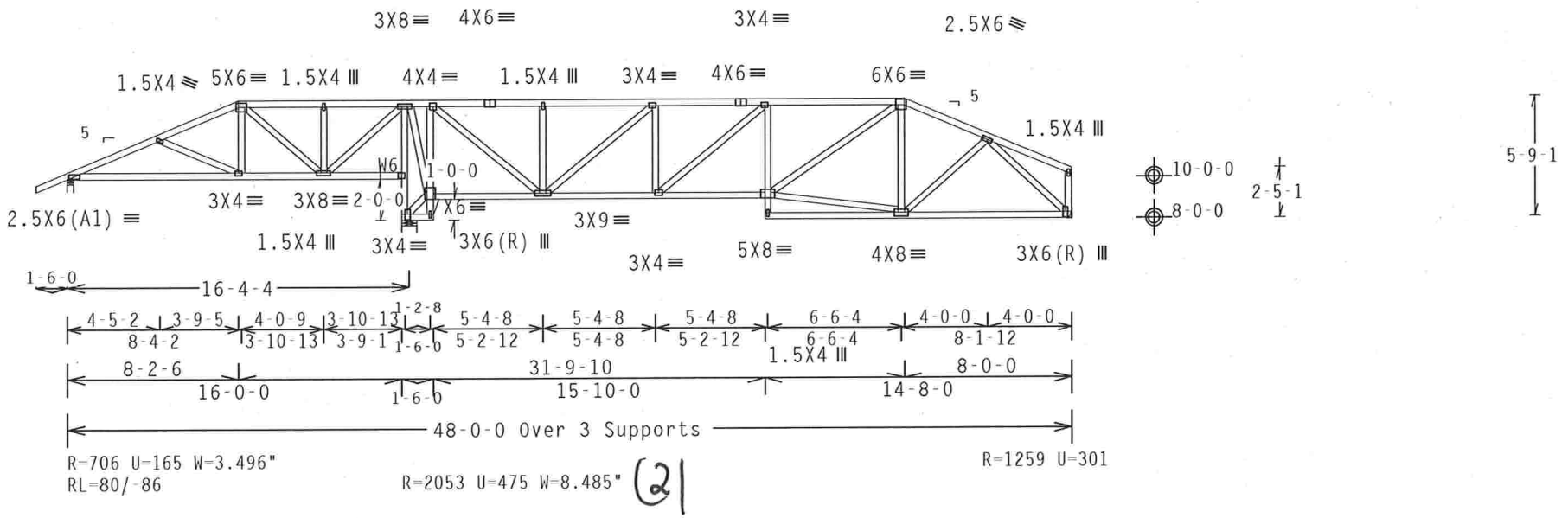
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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



(2)

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 =.125"/Ft.

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

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

11 '09

TC LL	20.0 PSF	REF	R8228- 35518
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162044
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28675
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - H13AA)

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

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.

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

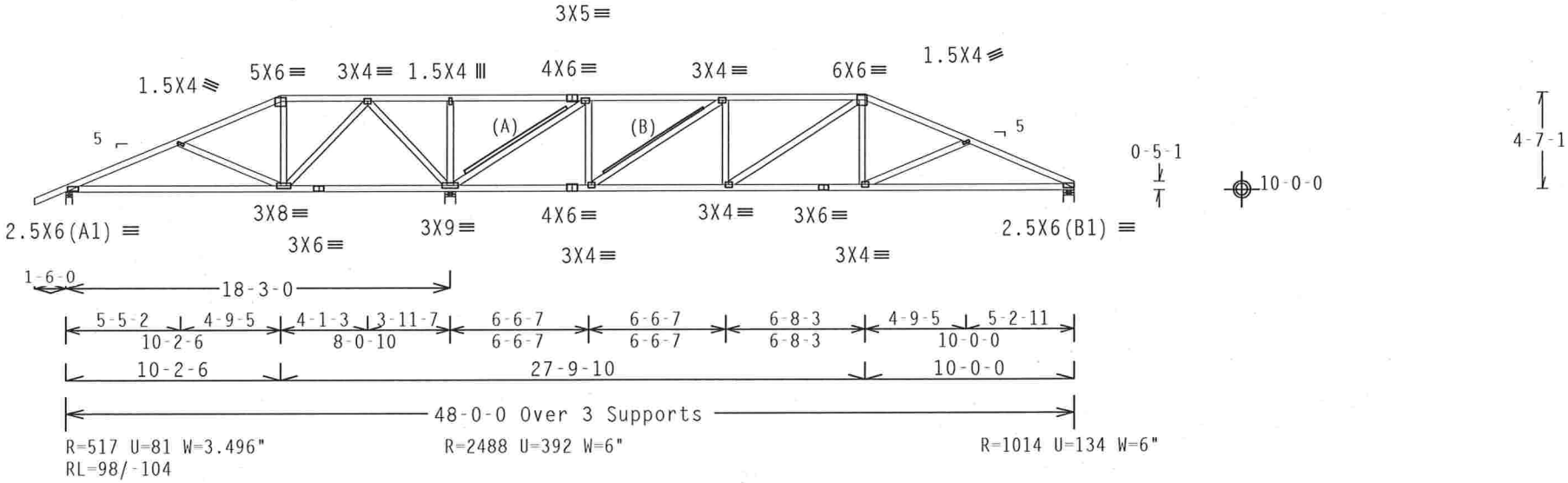
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

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

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

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



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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

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

TC LL	20.0 PSF	REF	R8228- 35519
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162045
BC LL	0.0 PSF		HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN-	28672
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - H15AA)

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.

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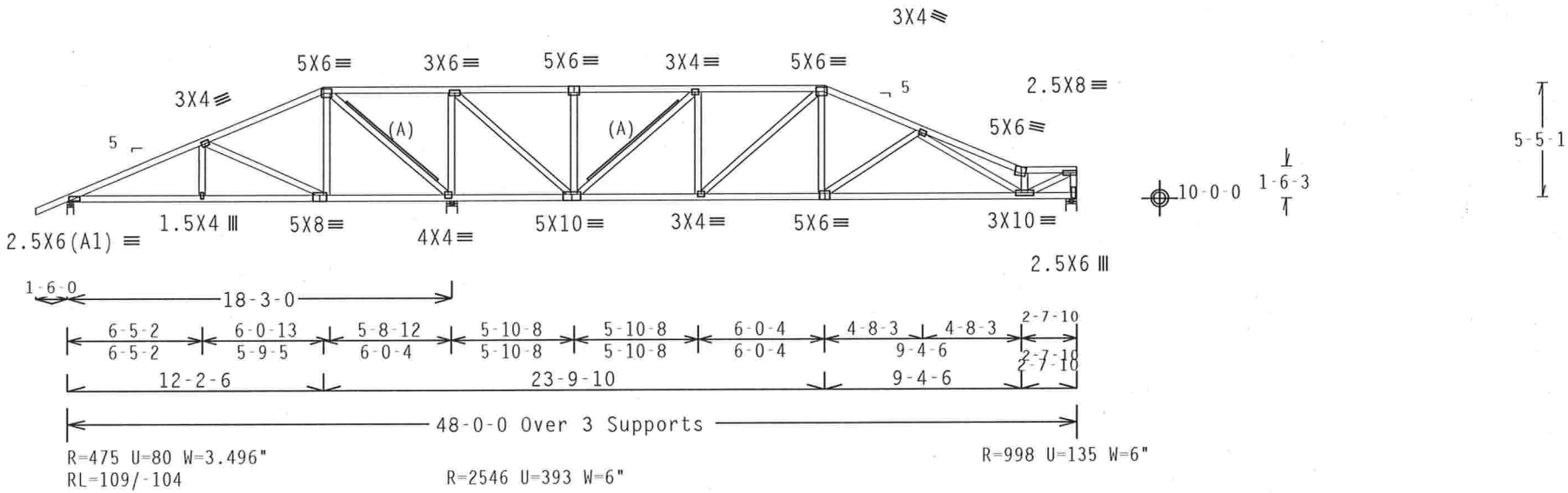
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

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

Deflection meets L/240 live and L/180 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 =.125"/Ft.

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

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

TC LL	20.0 PSF	REF	R8228- 35520
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162046
BC LL	0.0 PSF		HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN-	28684
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - H17AA)

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

Roof overhang supports 2.00 psf soffit load.

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

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

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.

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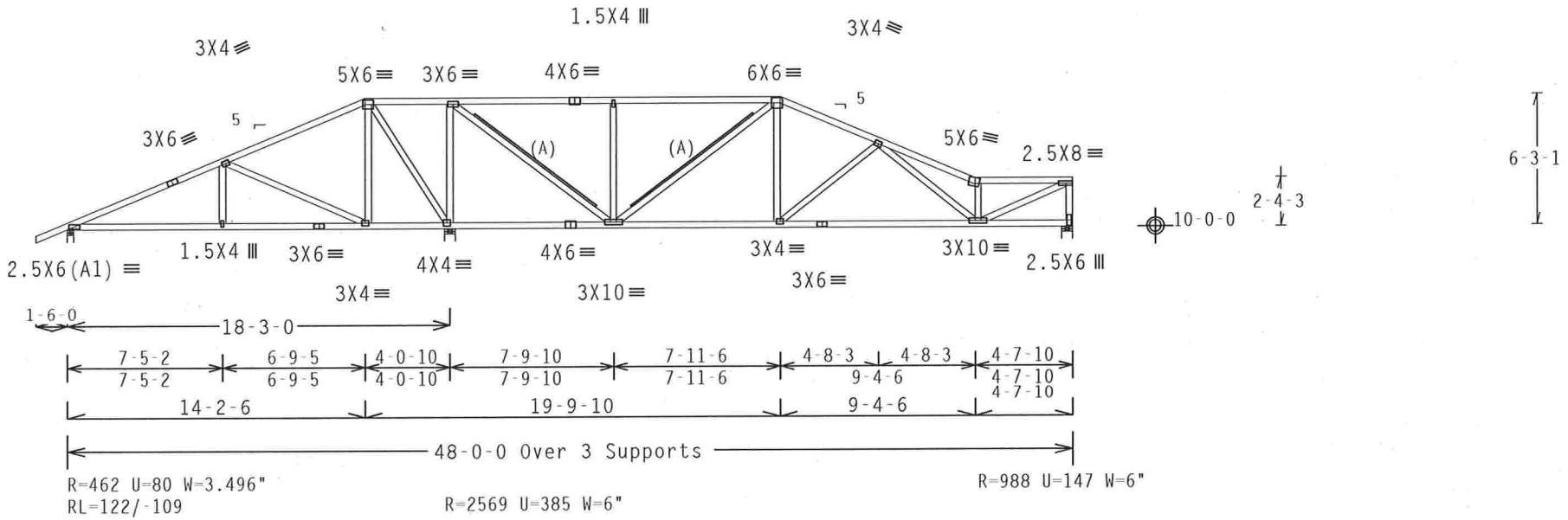

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

11 '09

TC LL	20.0 PSF	REF	R8228- 35521
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162047
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28690
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - H19AA)

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

Roof overhang supports 2.00 psf soffit load.

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

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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

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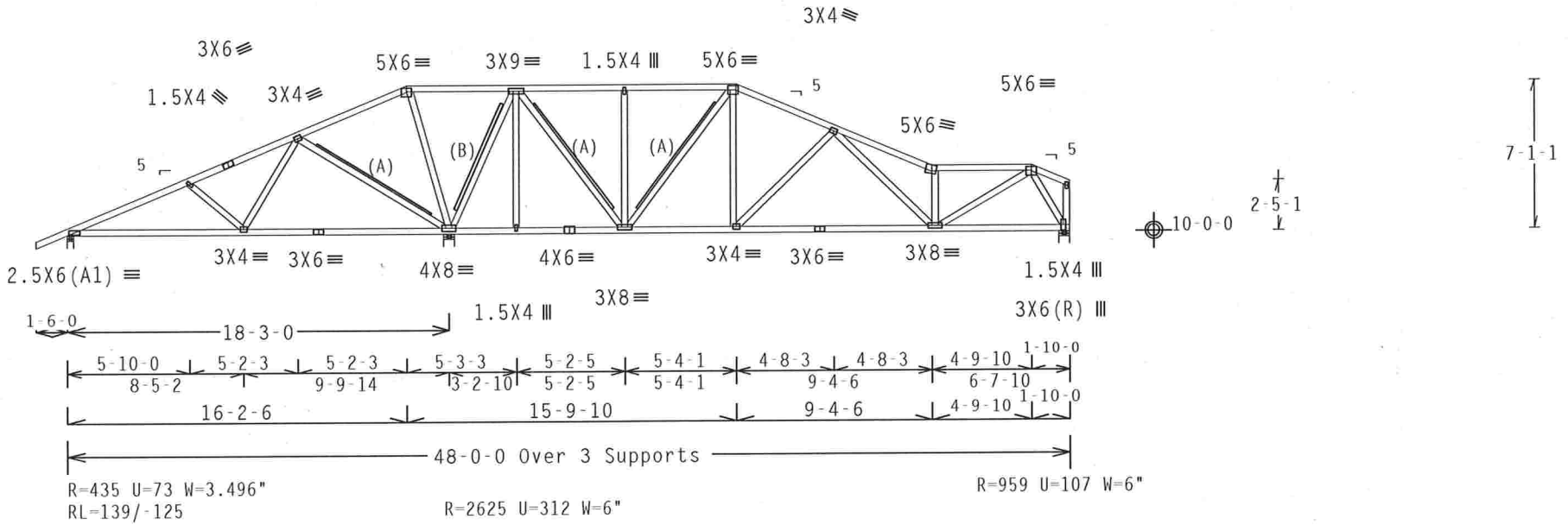

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

11 '09

TC LL	20.0 PSF	REF	R8228- 35522
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162048
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28702
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - H21AA)

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

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.

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

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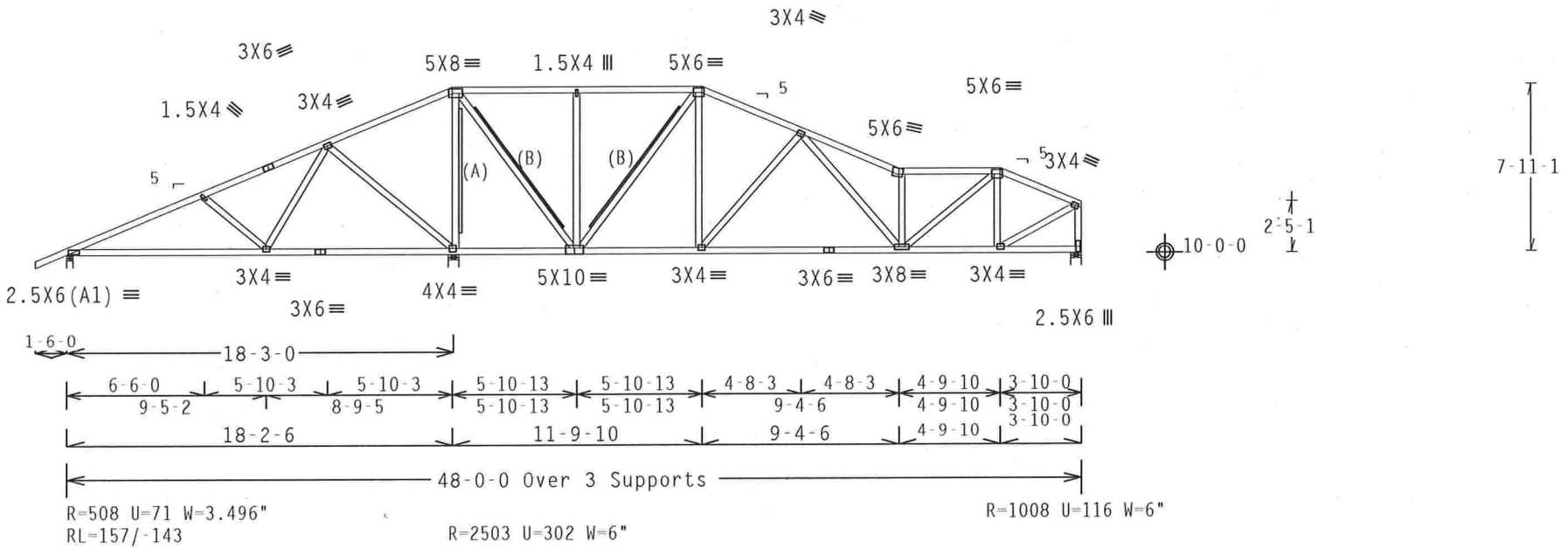

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

[illegible] 11 '09

TC LL	20.0 PSF	REF	R8228- 35523
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162049
BC LL	0.0 PSF		HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN-	28710
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - H23AA)

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

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.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

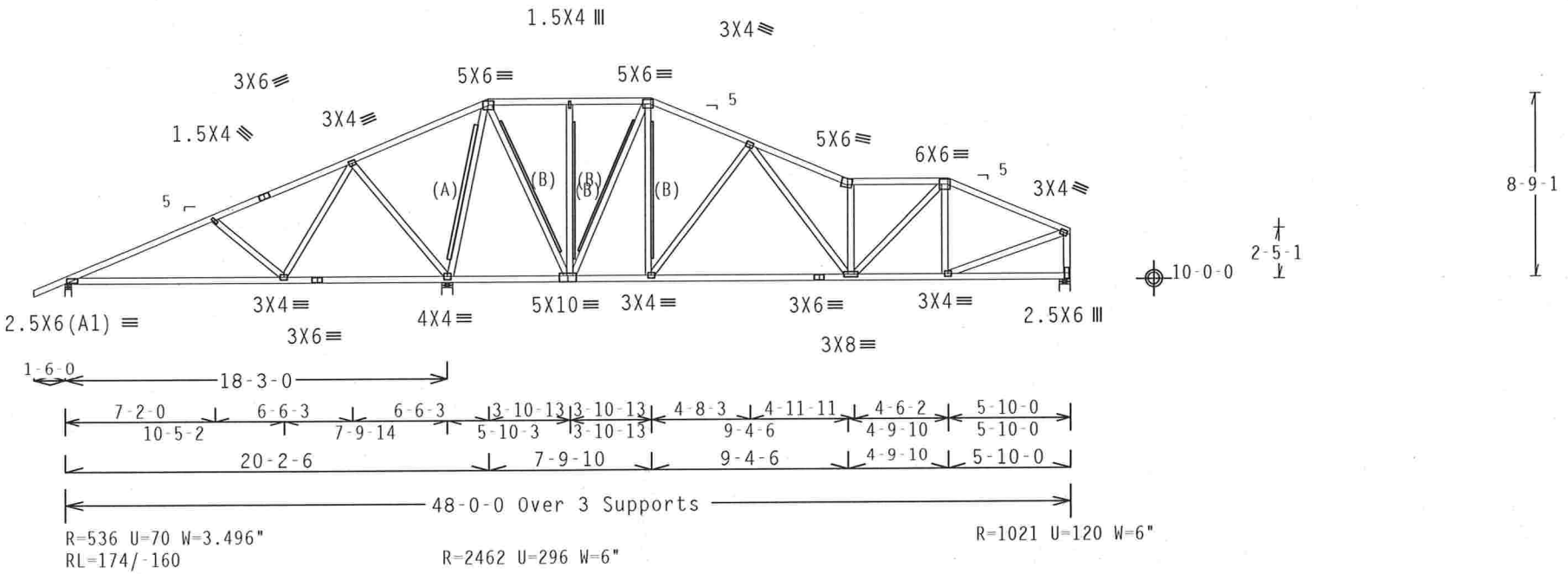
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(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.

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



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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

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

TC LL	20.0 PSF	REF	R8228- 35524
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162050
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28716
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - H25AA)

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

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.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(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.

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

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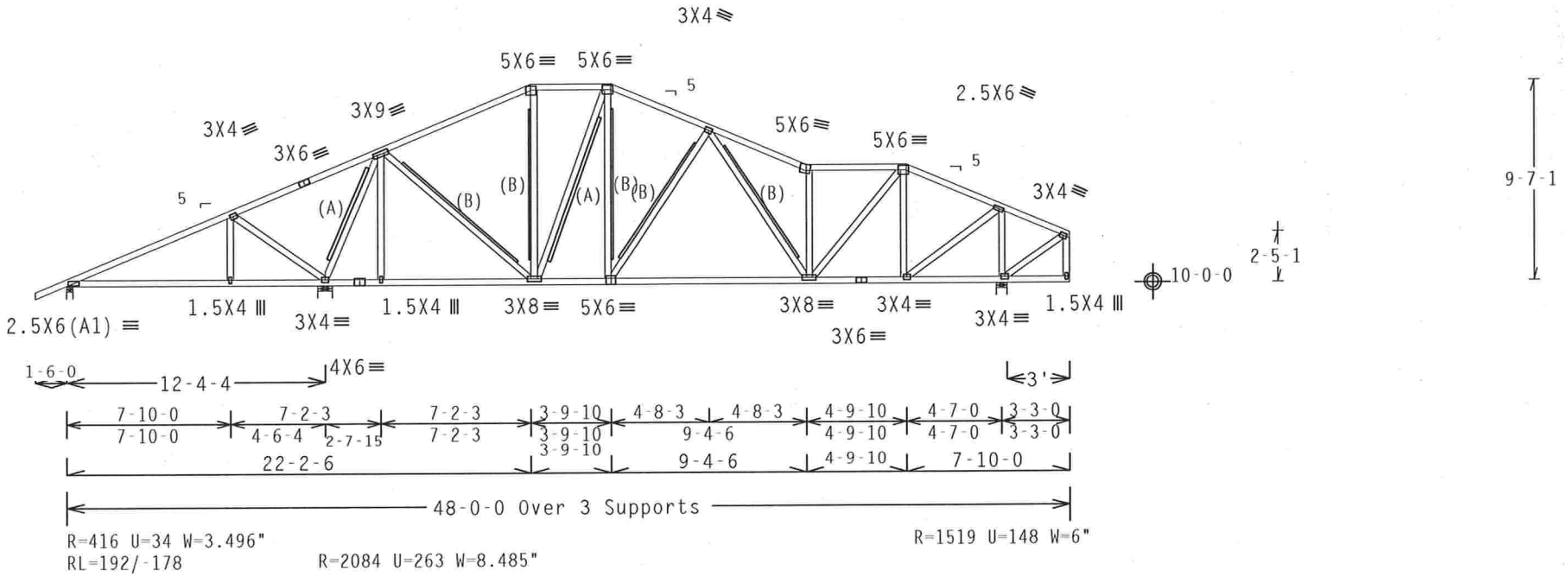

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

11 '09

TC LL	20.0 PSF	REF	R8228- 35525
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162051
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28729
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - 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) 1x4 #3SRB SPF-S or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

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

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

110 mph wind, 15.05 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

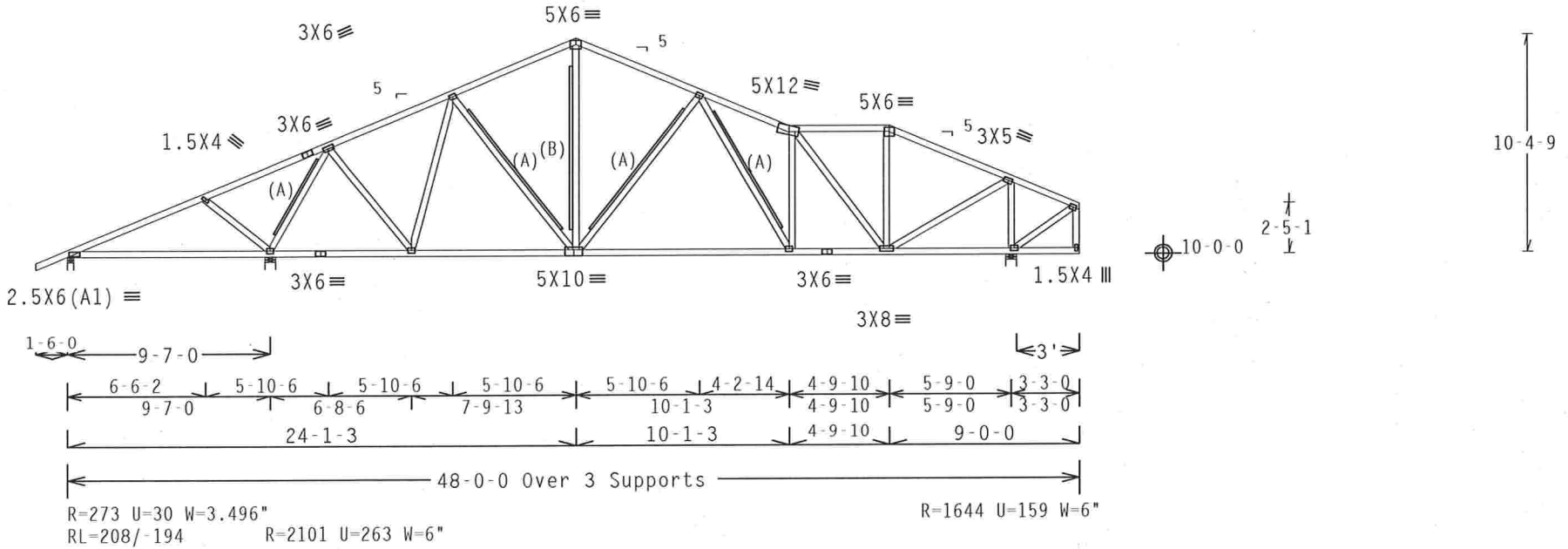
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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

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



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 =.125"/Ft.

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

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

11 '09

TC LL	20.0 PSF	REF	R8228- 35526
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162052
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28739
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228701

(9-121--Isaac Construction Sinisi -- , ** - 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.

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

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

110 mph wind, 15.05 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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

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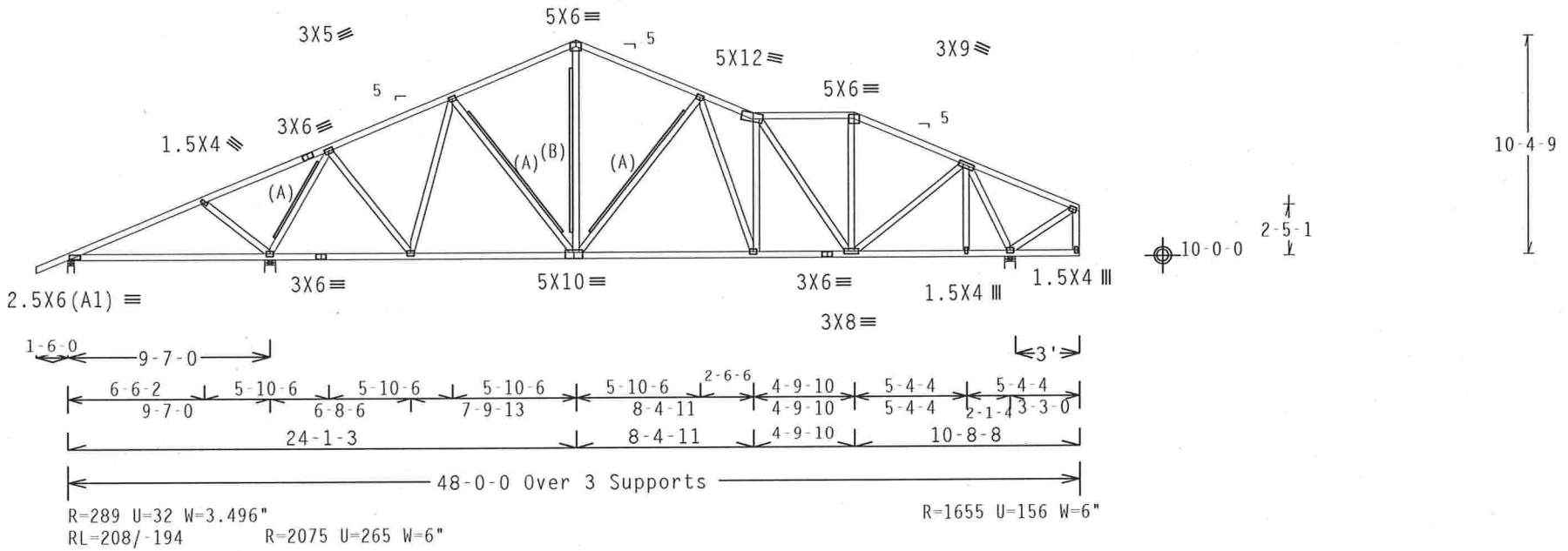

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0279

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

JUN 11 '09

TC LL	20.0 PSF	REF	R8228- 35527
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162053
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28766
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - A3)

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

Roof overhang supports 2.00 psf soffit load.

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

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

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

110 mph wind, 15.05 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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

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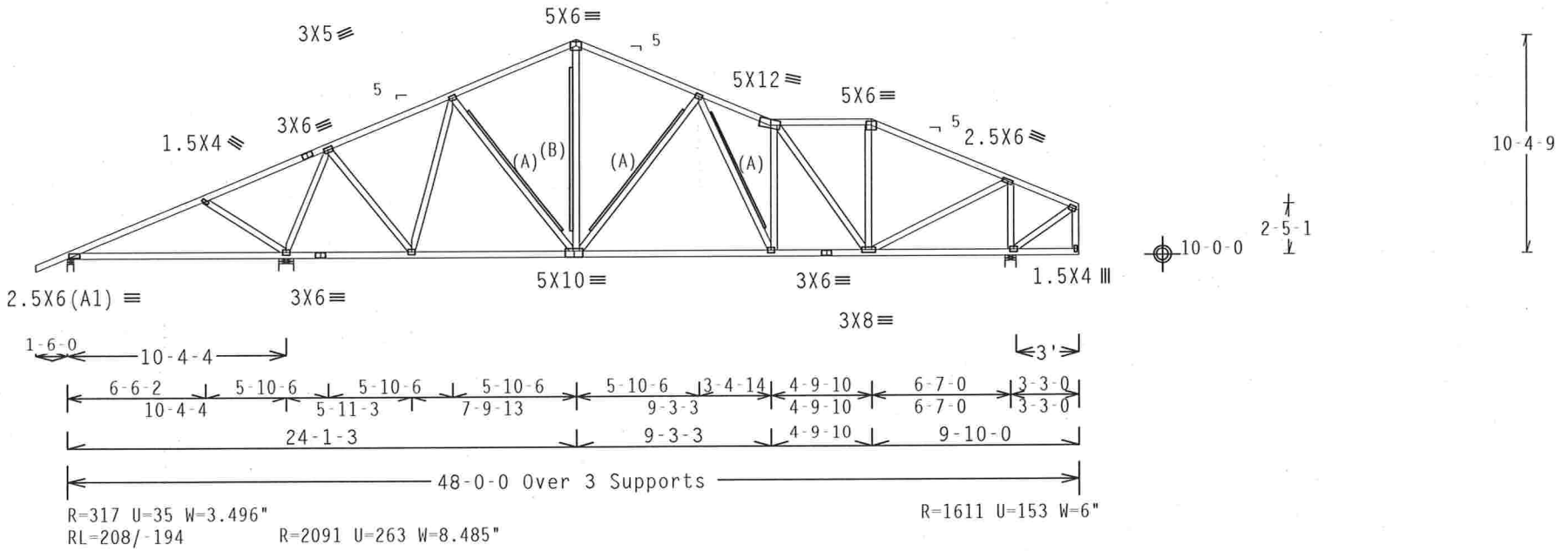

Note: All Plates Are 3X4 Except As Shown.

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 =.125"/Ft.

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

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

[illegible] 11 '09

TC LL	20.0 PSF	REF R8228- 35528
TC DL	10.0 PSF	DATE 06/11/09
BC DL	10.0 PSF	DRW HCUSR8228 09162054
BC LL	0.0 PSF	HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN- 28760
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - H27A)

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

Roof overhang supports 2.00 psf soffit load.

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

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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

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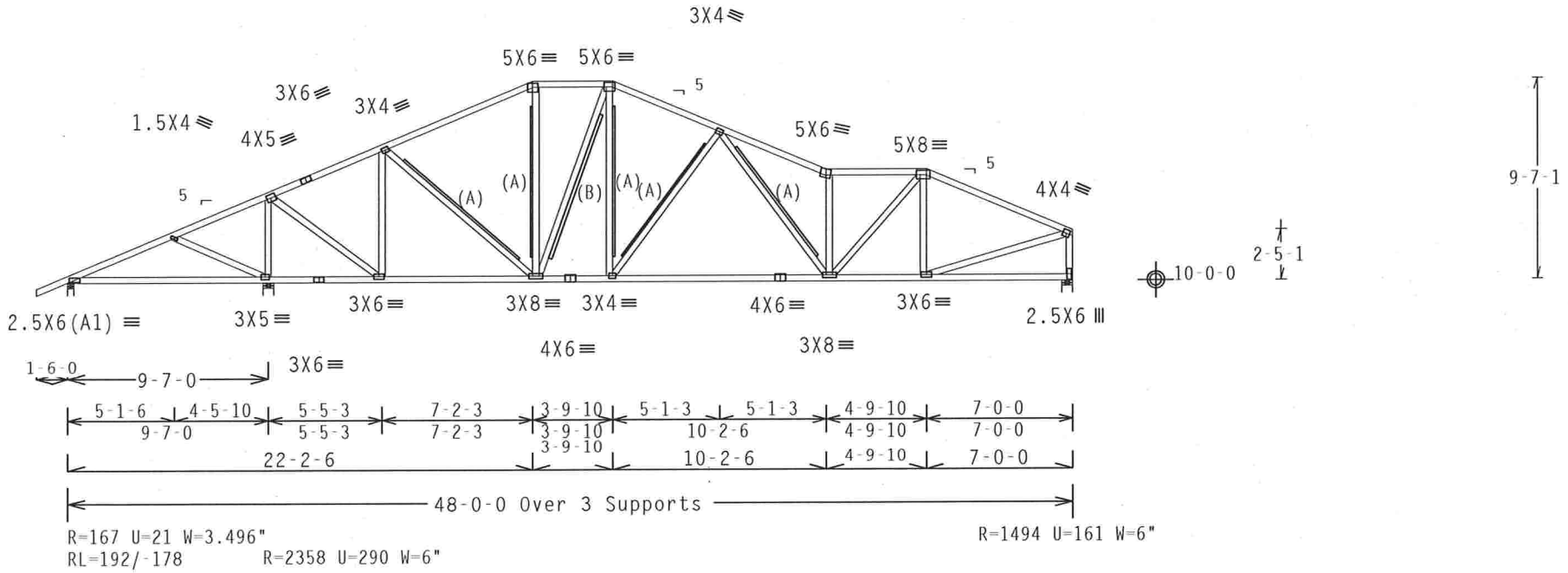

R=167 U=21 W=3.496"
RL=192/-178 R=2358 U=290 W=6"
R=1494 U=161 W=6"

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 =.125"/Ft.

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

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

11 '09

TC LL	20.0 PSF	REF R8228- 35529
TC DL	10.0 PSF	DATE 06/11/09
BC DL	10.0 PSF	DRW HCUSR8228 09162055
BC LL	0.0 PSF	HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN- 28778
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - H21A)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense :B4 2x6 SP #1 Dense:
Webs 2x4 SP #3 :W13 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.17" due to live load and 0.18" due to dead load.

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

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

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

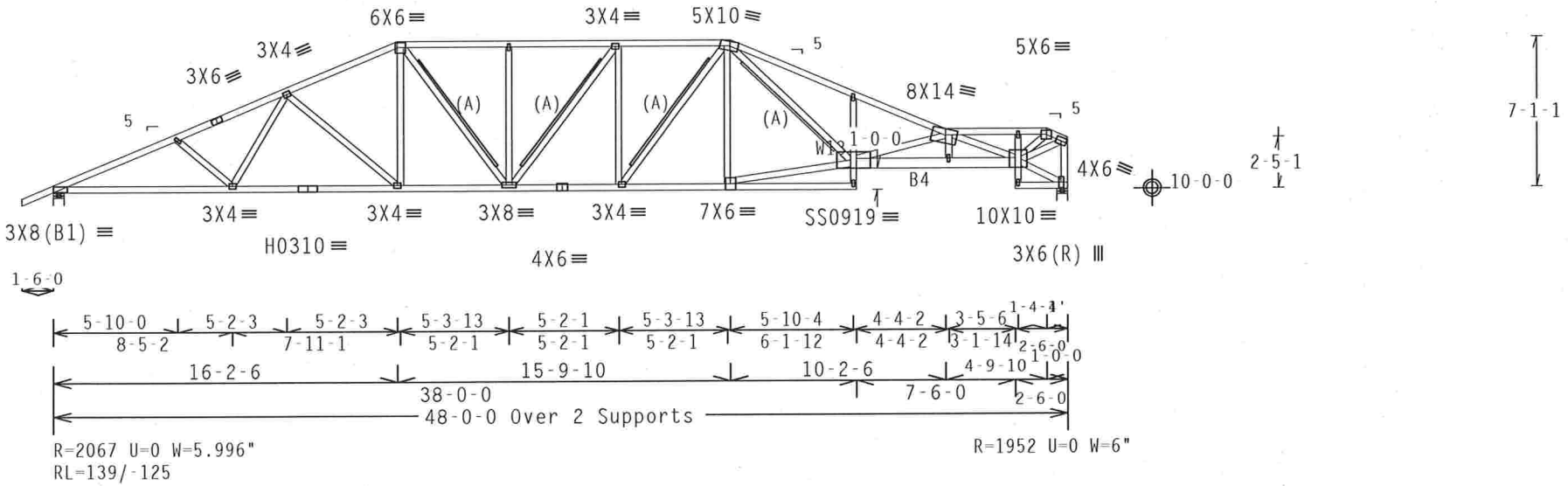
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(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.

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



Note: All Plates Are 1.5X4 Except As Shown.
PLT TYP. 20 Gauge HS,18 Gauge HS, Wave
Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)
8.07.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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

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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 (I) 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- 35530
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162056
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28800
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - H23A)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W11 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

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

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

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

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(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.

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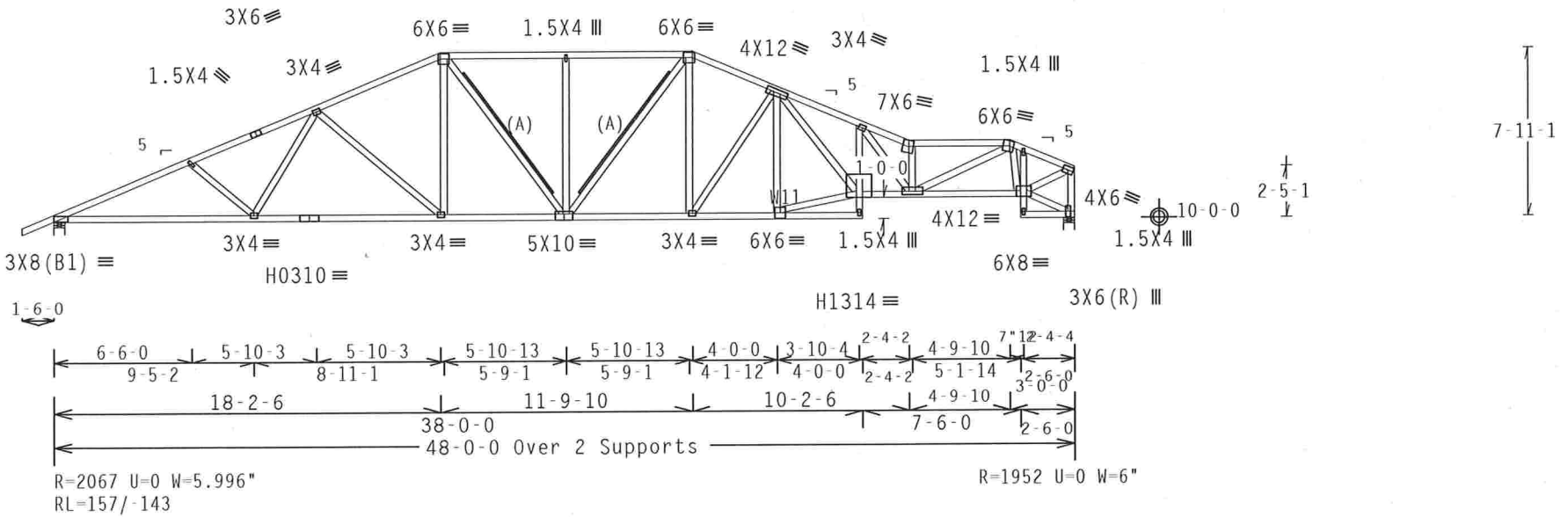

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. 20 Gauge HS,Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

[illegible]11 '09

TC LL	20.0 PSF	REF	R8228- 35531
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162003
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN-	28815
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - H25A)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W11, W13 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

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

(A) 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.

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(++) - This plate works for both joints covered.

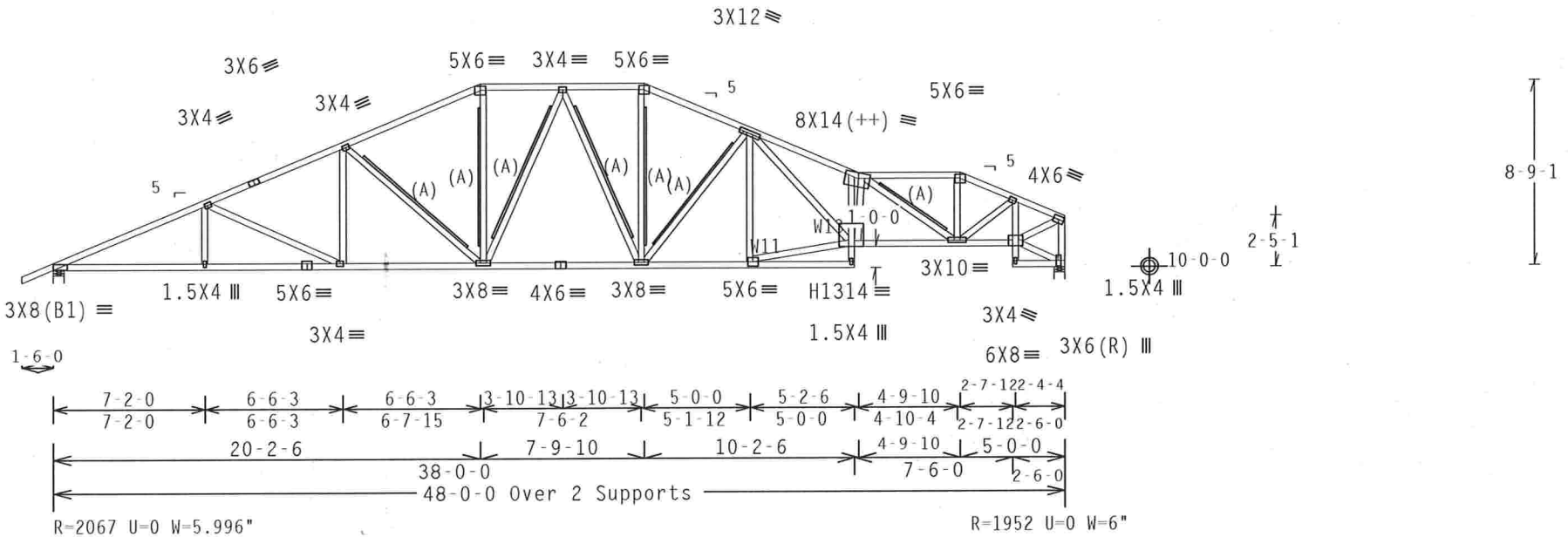
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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/240 live and L/180 total load.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. 20 Gauge HS,Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

11 '09

TC LL	20.0 PSF	REF	R8228- 35532
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162004
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN-	28854
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W16, W18 2x4 SP #2 Dense:

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

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

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

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

2 COMPLETE TRUSSES REQUIRED

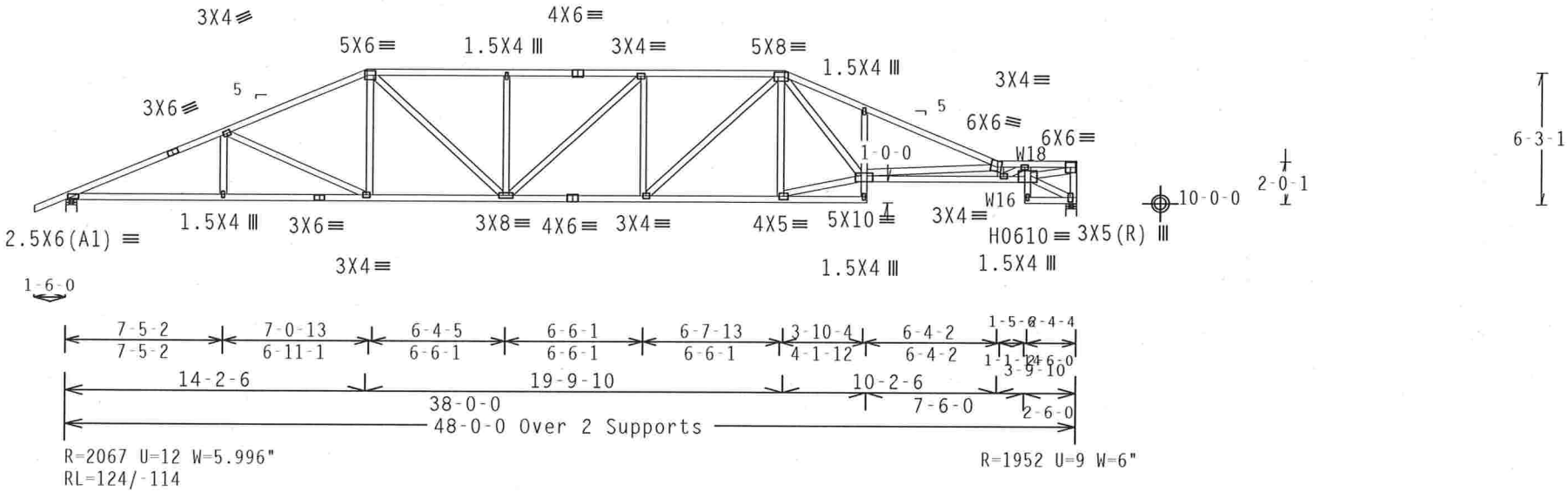
Nailing Schedule: (0.131"x3"_Gun_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Right end vertical not exposed to wind pressure.

Calculated horizontal deflection is 0.16" due to live load and 0.16" due to dead load.

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

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



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. 20 Gauge HS,Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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

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

TC LL	20.0 PSF	REF	R8228- 35533
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162057
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28972
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF--	1TSF8228Z01

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

Roof overhang supports 2.00 psf soffit load.

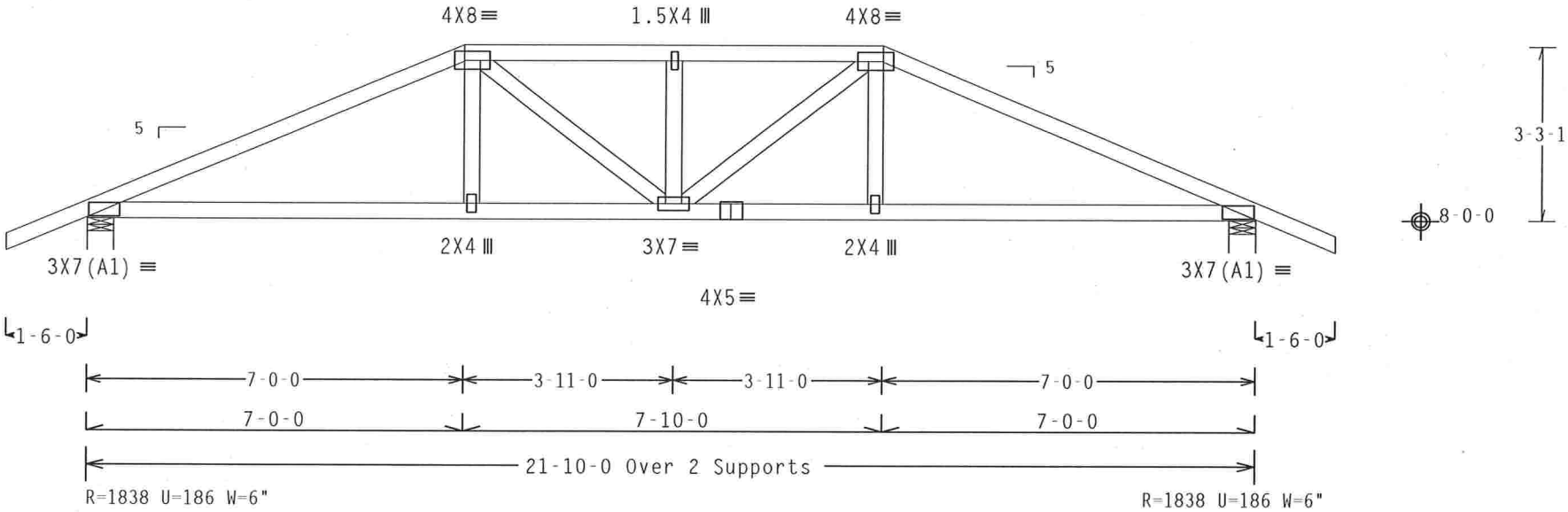
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Wind reactions based on MWFRS pressures.

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

Deflection meets L/240 live and L/180 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 =.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] 11 '09

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

REF	R8228- 35534
DATE	06/11/09
DRW	HCUSR8228 09162058
HC-ENG	DF/DF
SEQN-	28319
FROM	AH
JREF-	1TSF8228Z01

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.

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

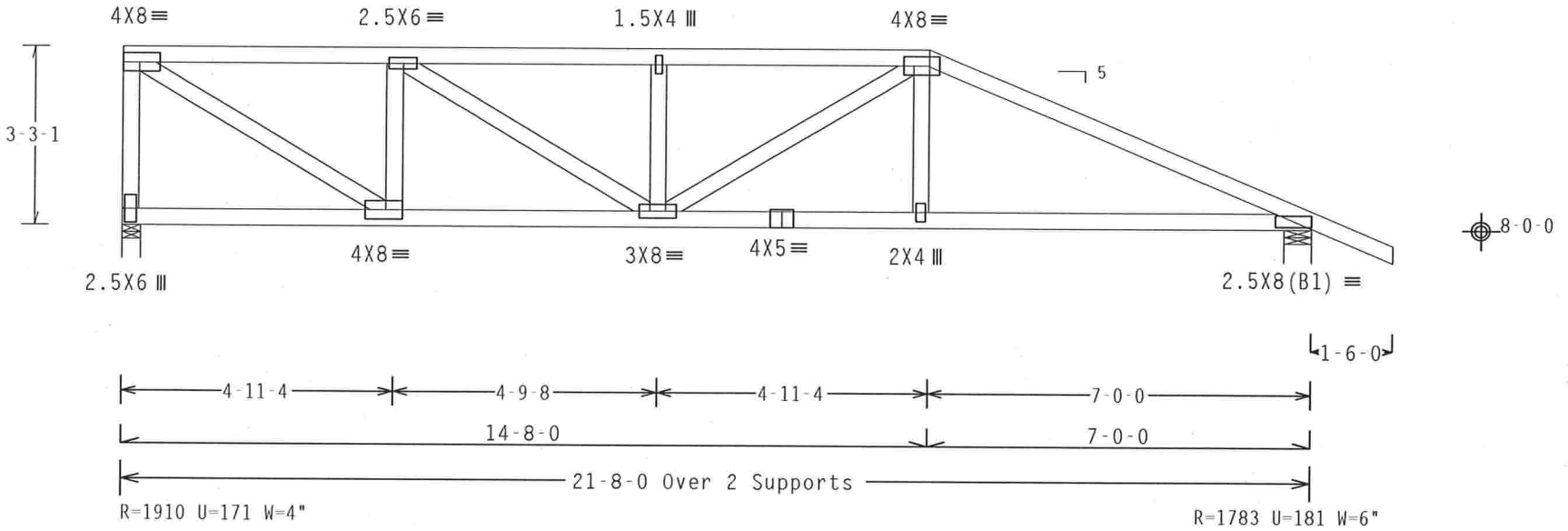
Deflection meets L/240 live and L/180 total load.

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

Wind reactions based on MWFRS pressures.

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

Left side jacks have 0-0-0 setback with 0-0-0 cant and 0-0-0 overhang. End jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang. Right side jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang.



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 COA #0.278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

11 '09

TC LL	20.0 PSF	REF	R8228- 35535
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162059
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28340
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JREF-	1TSF8228701

(9-121--Isaac Construction Sinisi -- , ** - H9B)

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

Roof overhang supports 2.00 psf soffit load.

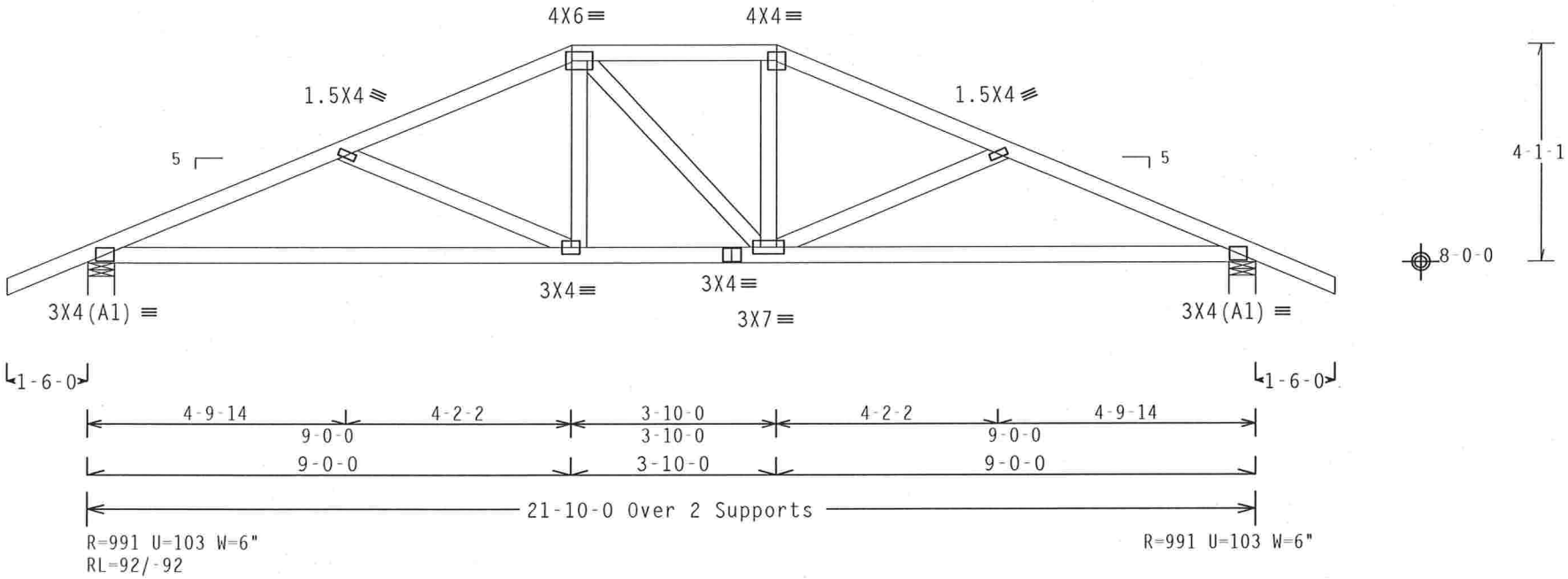
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Wind reactions based on MWFRS pressures.

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

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



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00.1[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]11 '09

TC LL	20.0 PSF	REF	R8228- 35536
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162005
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN-	28323
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - H9BB)

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.

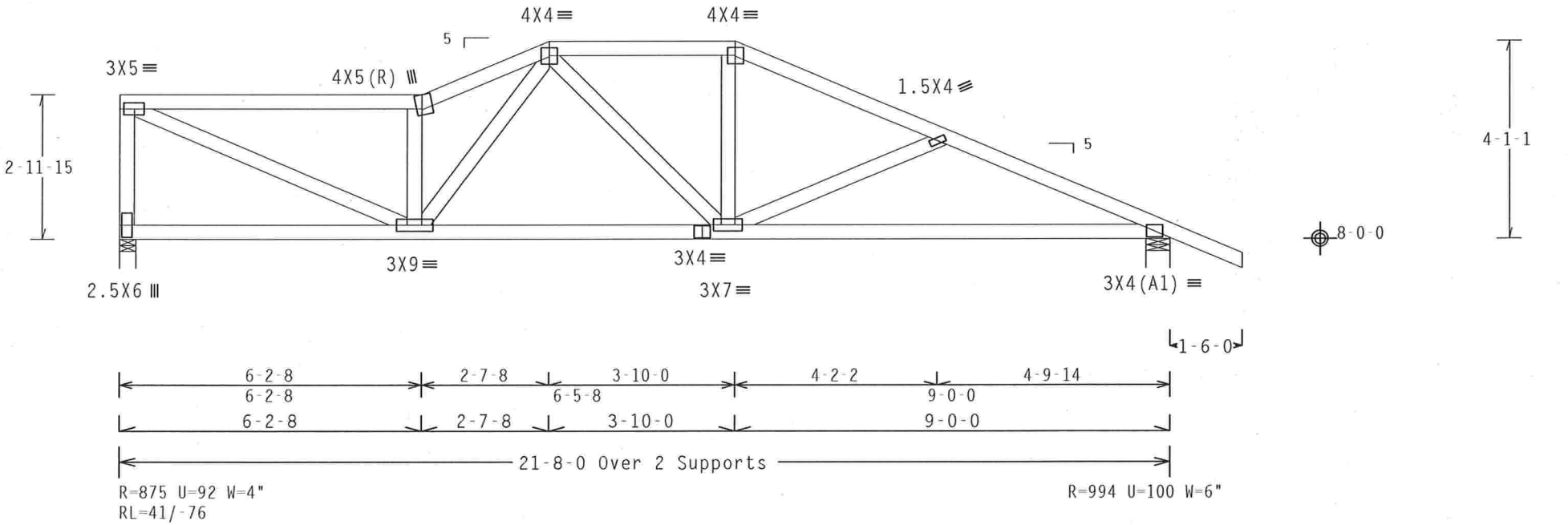
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Wind reactions based on MWFRS pressures.

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

Deflection meets L/240 live and L/180 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 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- 35537
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162006
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN-	28344
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - B3)

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.

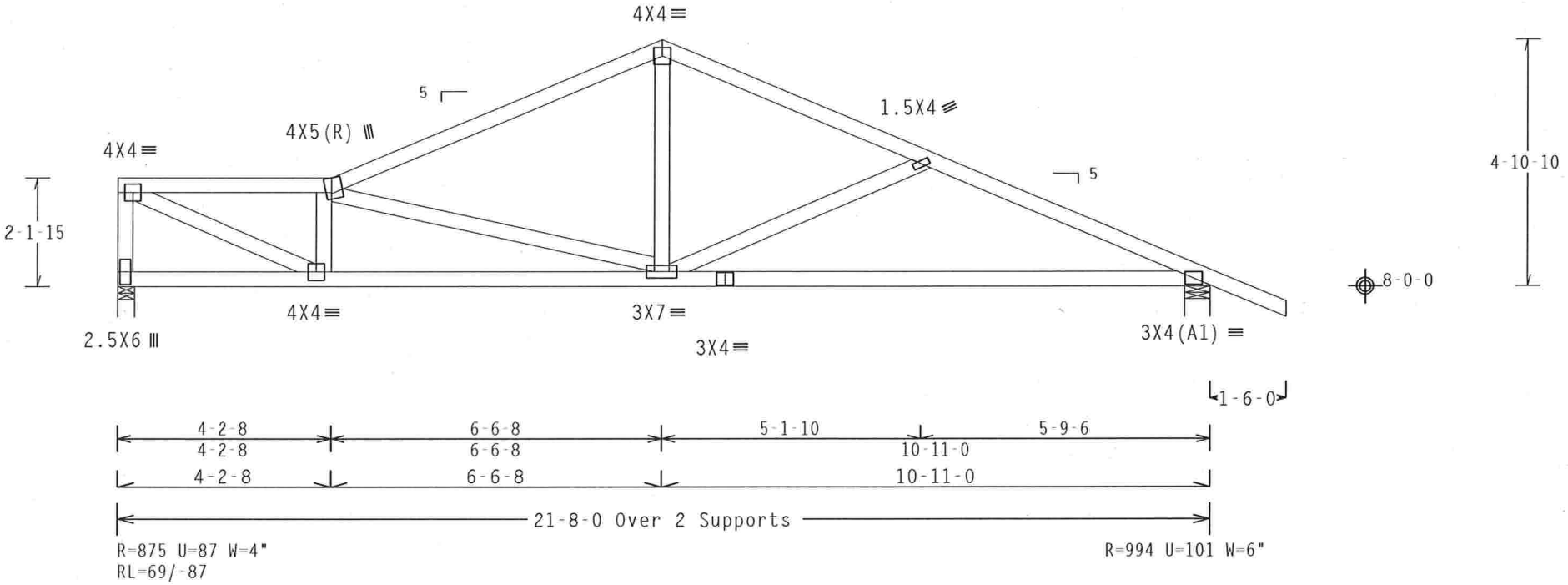
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Wind reactions based on MWFRS pressures.

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

Deflection meets L/240 live and L/180 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 =.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]11 '09

TC LL	20.0 PSF	REF	R8228- 35538
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162007
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN-	28348
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - B2)

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

Roof overhang supports 2.00 psf soffit load.

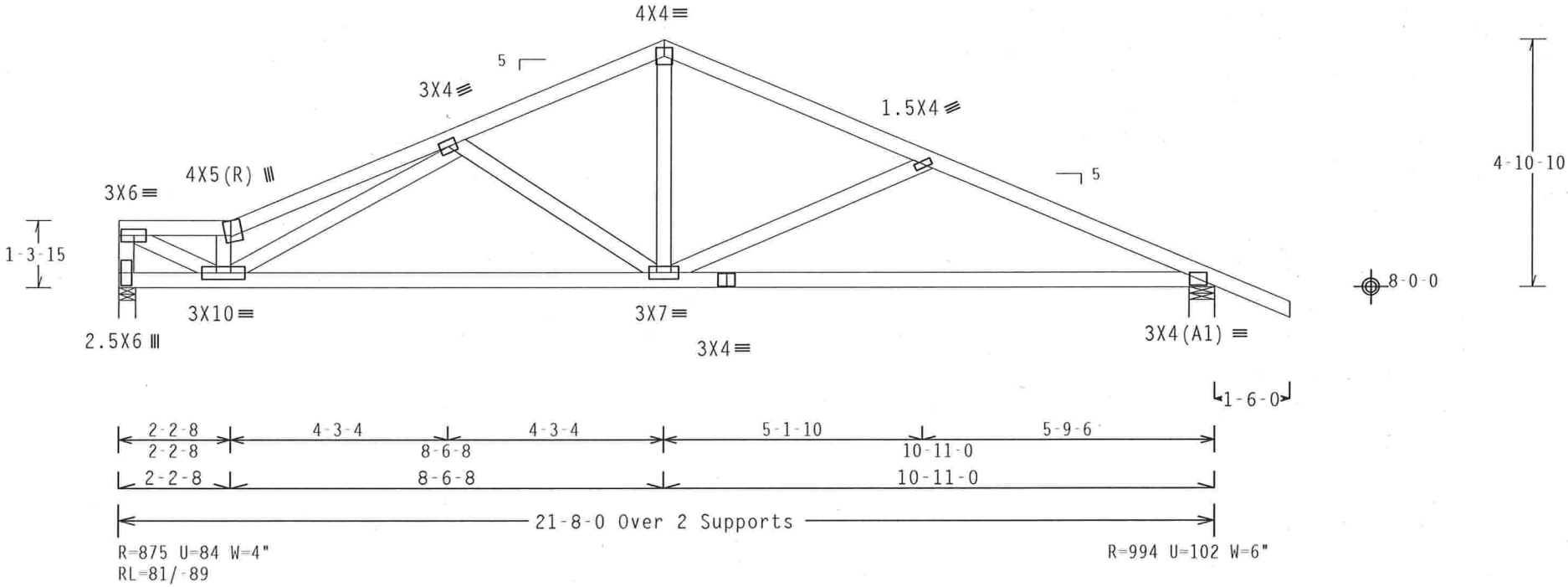
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Wind reactions based on MWFRS pressures.

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

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



Design Crit: FBC2007Res/TPI-2002(STD)

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 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- 35539
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162008
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN-	28353
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - B1)

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

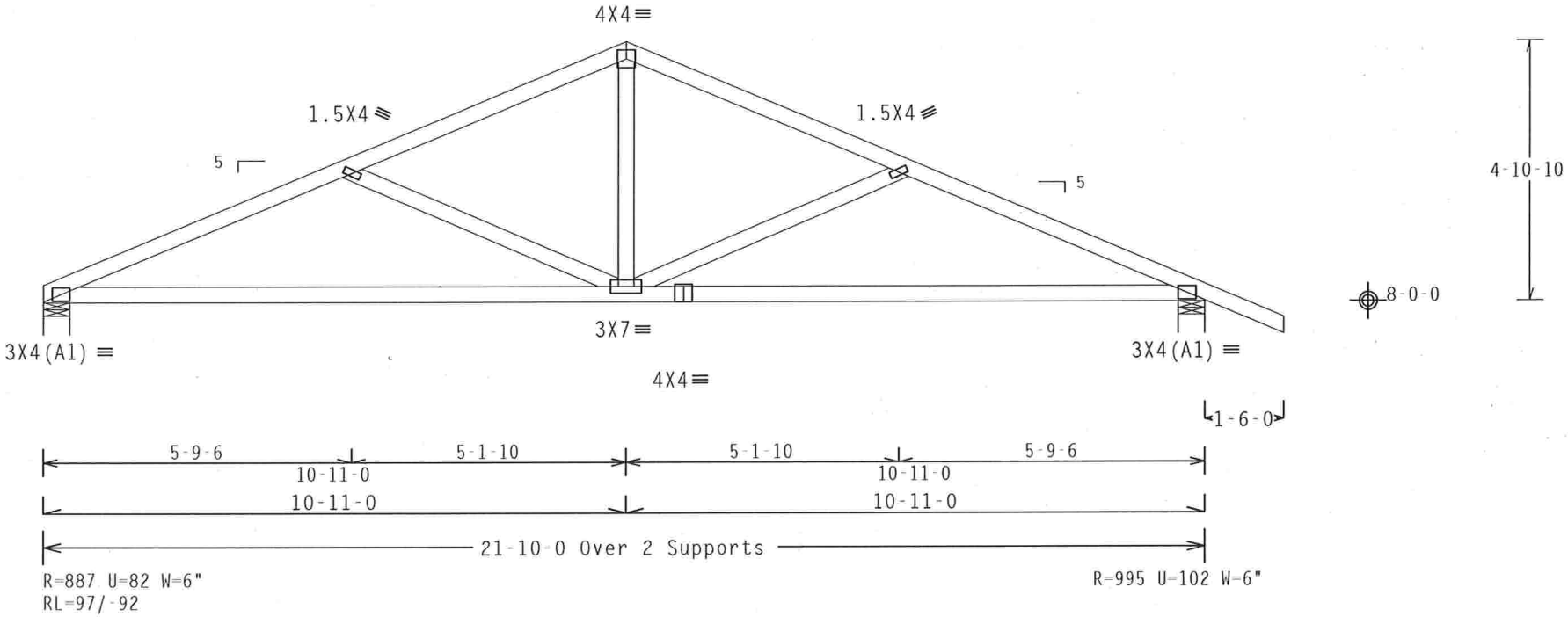
Roof overhang supports 2.00 psf soffit load.

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

Wind reactions based on MWFRS pressures.

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



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00.1 8 4 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
6/11 '09

TC LL	20.0 PSF	REF	R8228- 35540
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162009
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN-	28357
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - H4C)

Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP #1 Dense:
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3 :W2, W8 2x4 SP #2 Dense:

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

Left side jacks have 4-0-0 setback with 0-0-0 cant and 1-6-0 overhang. End jacks have 4-0-0 setback with 0-0-0 cant and 1-6-0 overhang. Right side jacks have 4-0-0 setback with 0-0-0 cant and 1-6-0 overhang.

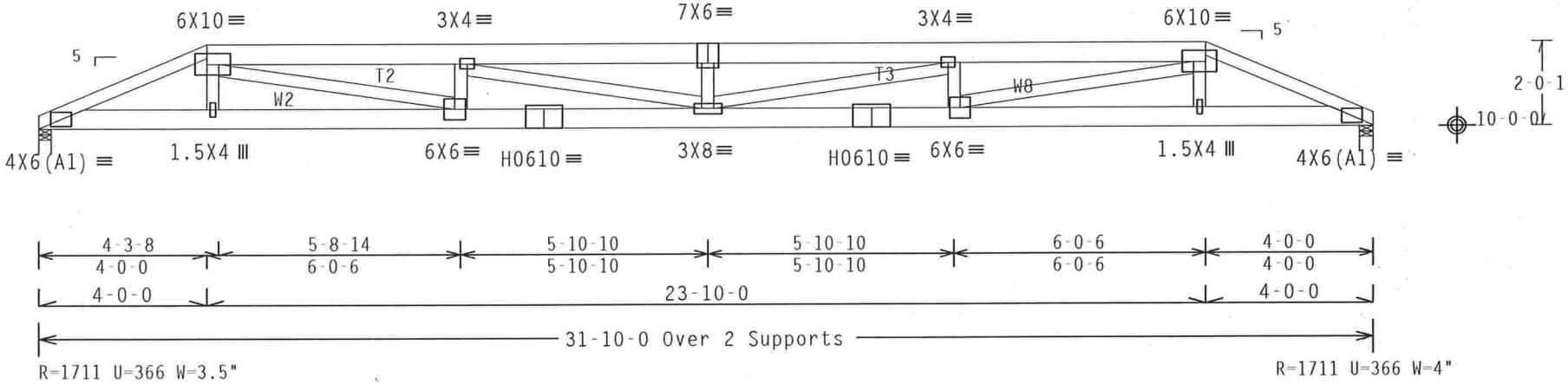
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

#1 hip supports 4-0-0 jacks with no webs.

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

Calculated vertical deflection is 0.57" due to live load and 0.62" due to dead load at X = 15-11-0.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. 20 Gauge HS,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

11 '09

TC LL	20.0 PSF	REF	R8228- 35541
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162060
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28301
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - D-GE)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 Dense::Stack Chord SC2 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

See DWGS A11015050109 & GBLLETIN0109 for more requirements.

Stacked top chord must NOT be notched or cut in area (NNL). Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF, FLOOR AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. DIAPHRAGMS AND SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS ARE TO BE PROVIDED BY THE BUILDING DESIGNER.

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

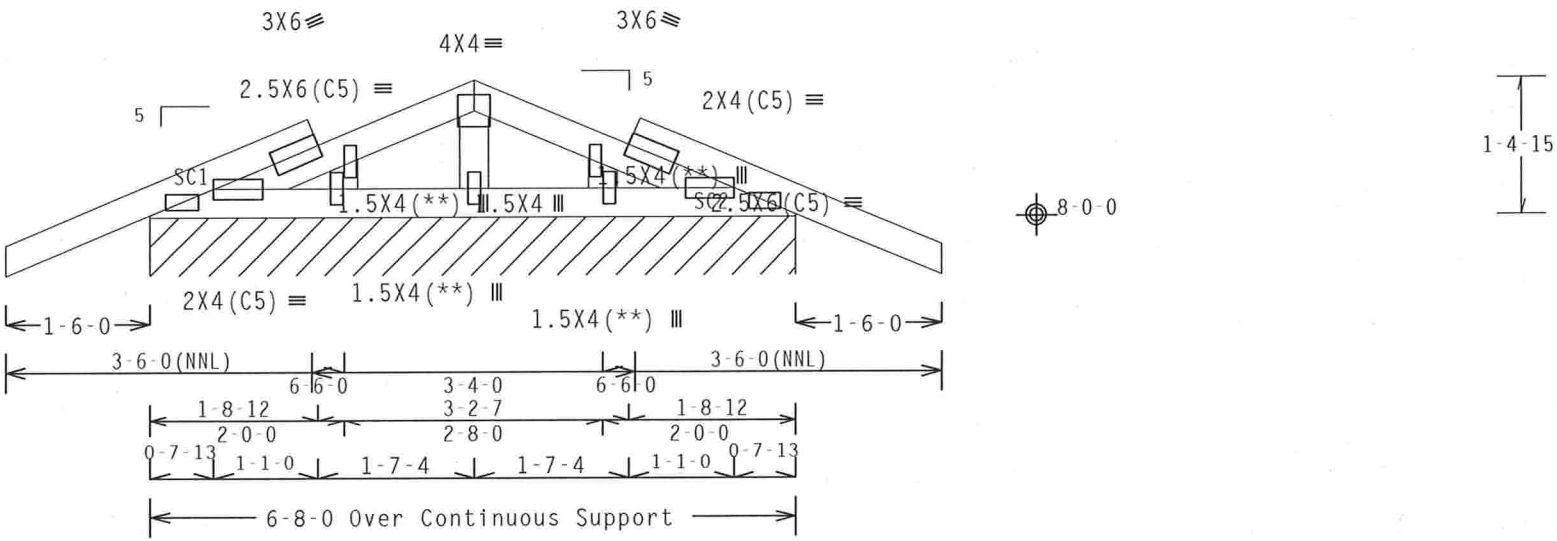
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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

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



R=121 PLT U=83 PLT W=6-8-0
RL=8/-8 PLT

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:1 FL/-/4/-/-/R/- Scale =.5"/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

11 '09

TC LL	20.0 PSF	REF	R8228- 35542
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162061
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28369
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - E1)

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

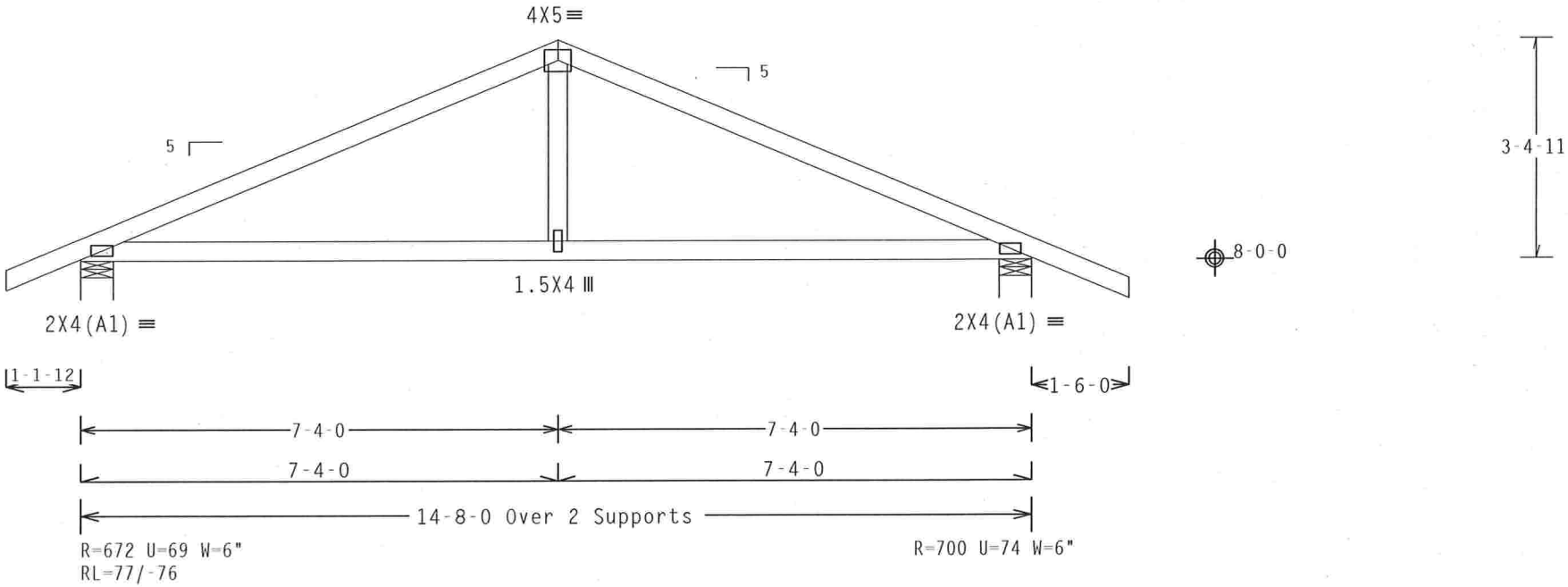
Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.

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



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 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- 35543
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162010
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN-	28371
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - E-GE)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 Dense::Stack Chord SC2 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

See DWGS A11015050109 & GBLLETIN0109 for more requirements.

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

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

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

+ MEMBER TO BE LATERALLY BRACED FOR OUT OF PLANE WIND LOADS TO TRUSS. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.

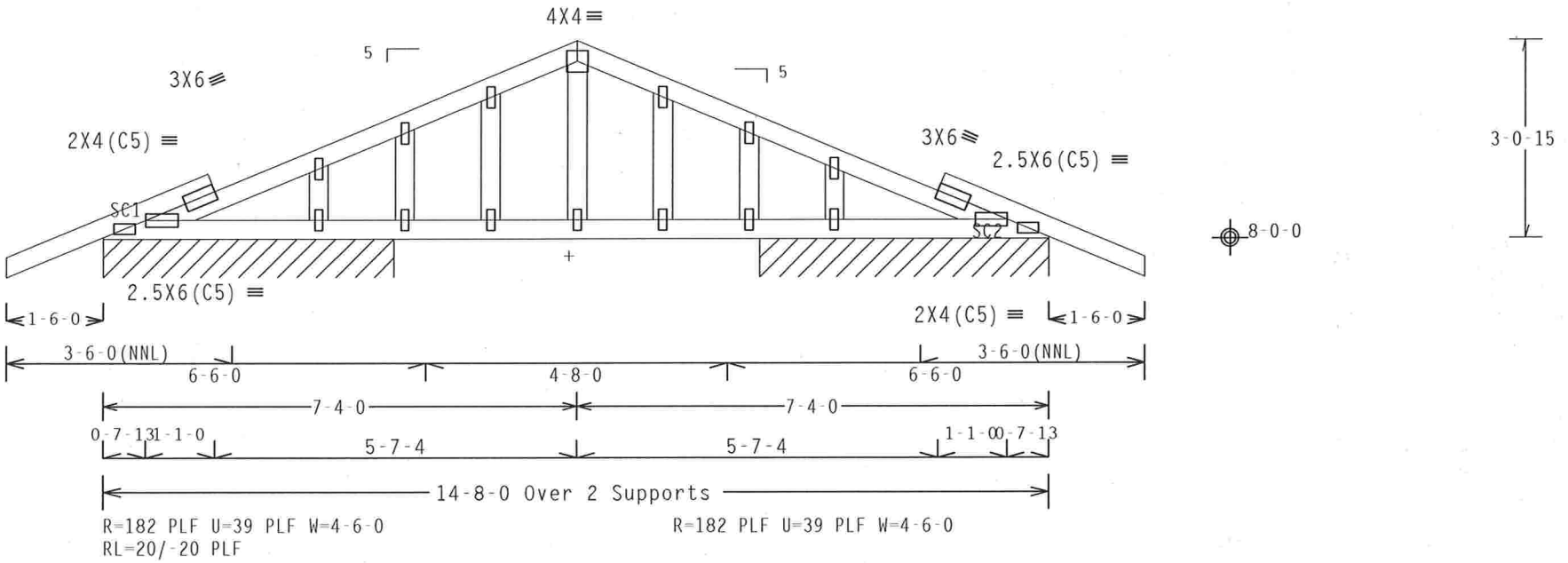
THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF, FLOOR AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. DIAPHRAGMS AND SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS ARE TO BE PROVIDED BY THE BUILDING DESIGNER.

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

Wind reactions based on MWFRS pressures.

Gable end supports 8" max rake overhang.

Stacked top chord must NOT be notched or cut in area (NNL). Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.



Note: All Plates Are 1.5X4 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 =.375"/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- 35544
TC DL	10.0 PSF	DATE 06/11/09
BC DL	10.0 PSF	DRW HCUSR8228 09162062
BC LL	0.0 PSF	HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN- 28384
DUR.FAC.	1.25	FROM AH
SPACING	SEE ABOVE	JREF- 1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - E2)

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

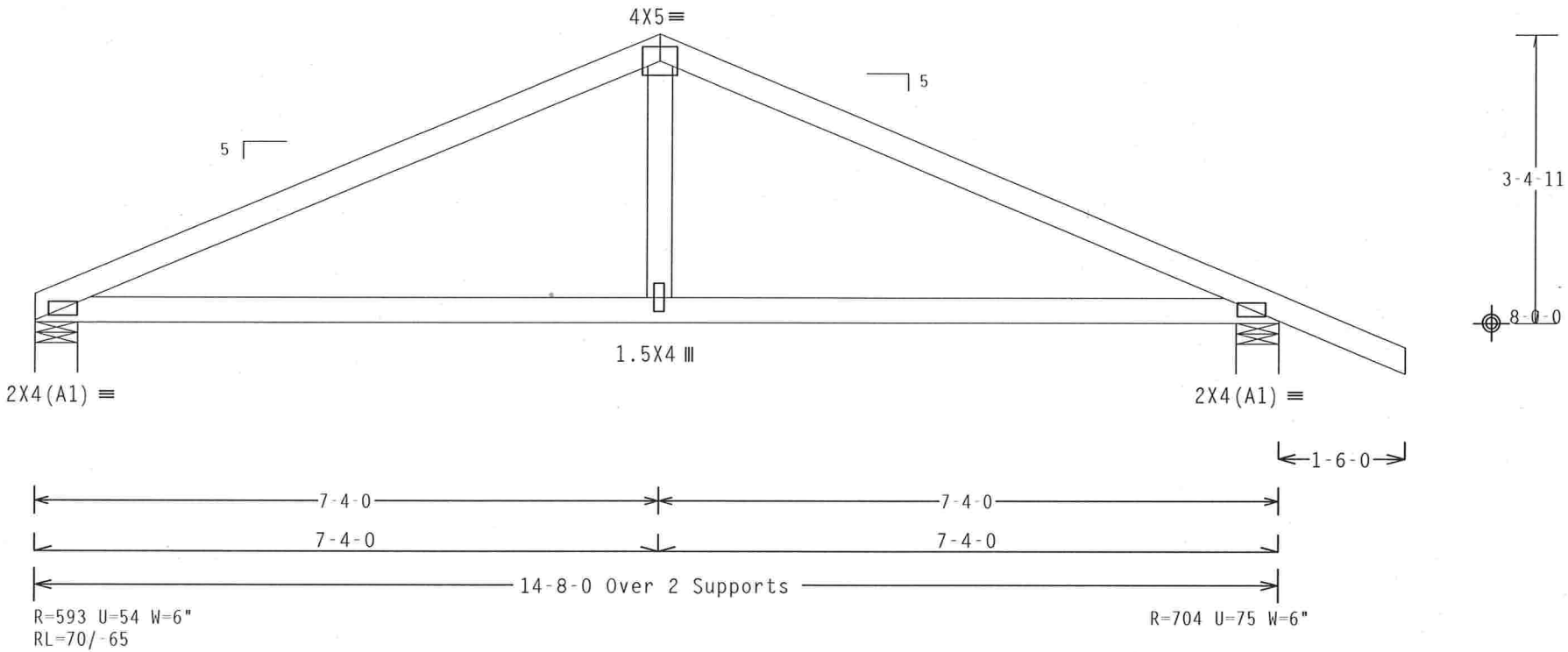
Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.

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



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 =.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]n 11 '09

TC LL	20.0 PSF	REF	R8228- 35545
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162011
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN-	28386
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP #1 Dense
Webs 2x4 SP #3

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at 0.00 to 62 PLF at 7.33
TC - From 62 PLF at 7.33 to 62 PLF at 16.17
BC - From 20 PLF at 0.00 to 20 PLF at 14.67
BC - From 4 PLF at 14.67 to 4 PLF at 16.17
BC - 1259 LB Conc. Load at 1.60
BC - 1302 LB Conc. Load at 3.60
BC - 3570 LB Conc. Load at 5.54

Roof overhang supports 2.00 psf soffit load.

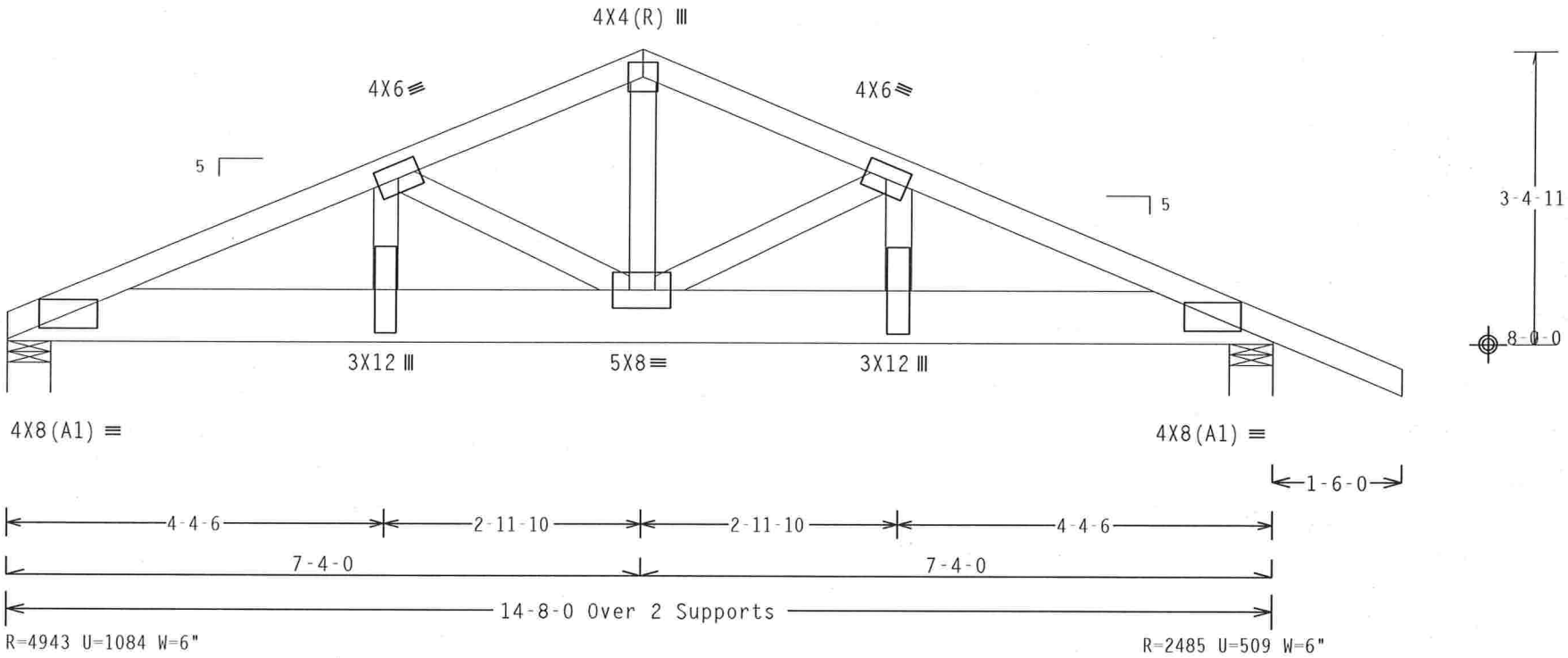
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3"_Gun_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 3.75" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

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

Wind reactions based on MWFRS pressures.

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



(3)

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.5"/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- 35546
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162063
BC LL	0.0 PSF		HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN-	28678
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - J1)

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

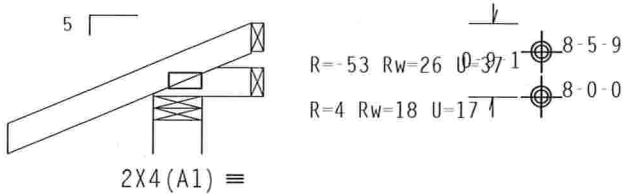
Roof overhang supports 2.00 psf soffit load.

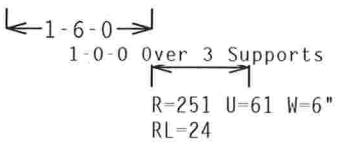
Bottom chord checked for 10.00 psf non-concurrent live load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART._ENC. bldg, Located anywhere in roof, CAT II, EXP B, 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/240 live and L/180 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 C[illegible]278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

11 '09

TC LL	20.0 PSF	REF	R8228- 35547
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162064
BC LL	0.0 PSF		HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN-	28270
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - HJ7)

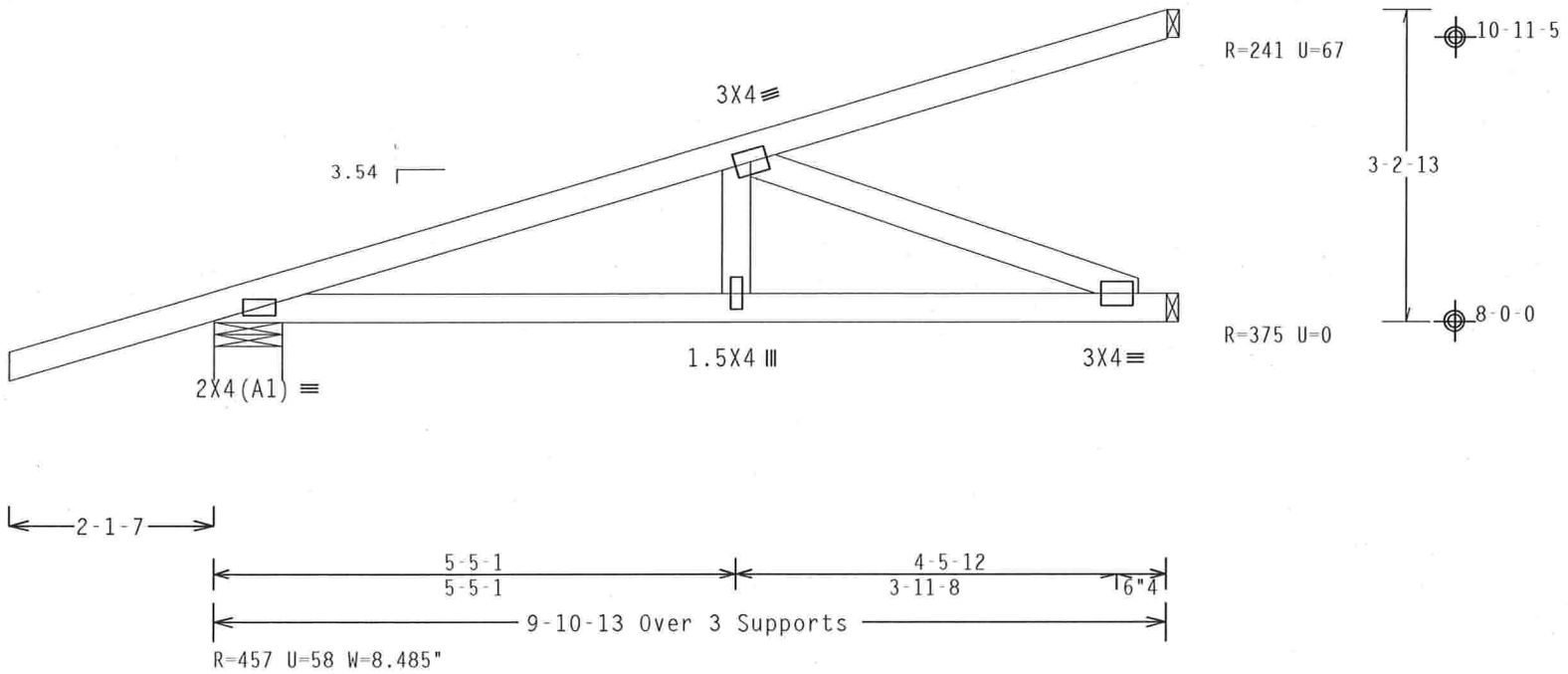
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

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

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

Wind reactions based on MWFRS pressures.



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 =.5"/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- 35548
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162065
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28313
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - HJ4)

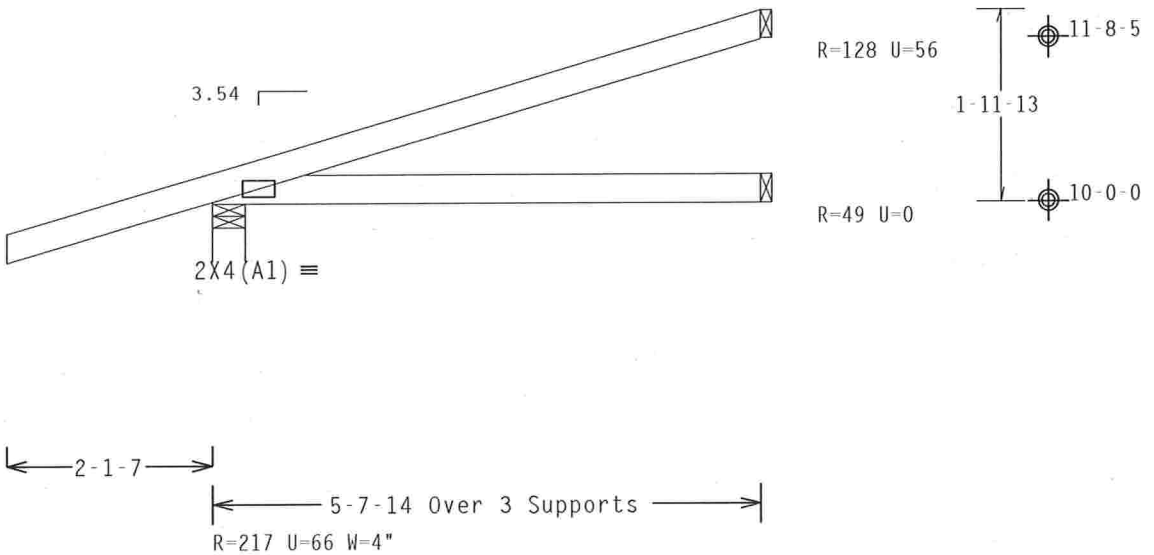
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Hipjack supports 4-0-0 setback jacks with no webs.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:2 FL/-/4/-/-/R/- Scale =.5"/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- 35549
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162066
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28284
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - J3)

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

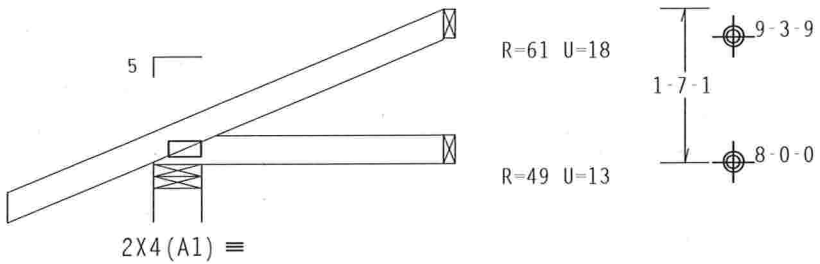
Roof overhang supports 2.00 psf soffit load.

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 B, 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/240 live and L/180 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 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- 35550
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162012
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN-	28275
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - EJ4)

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

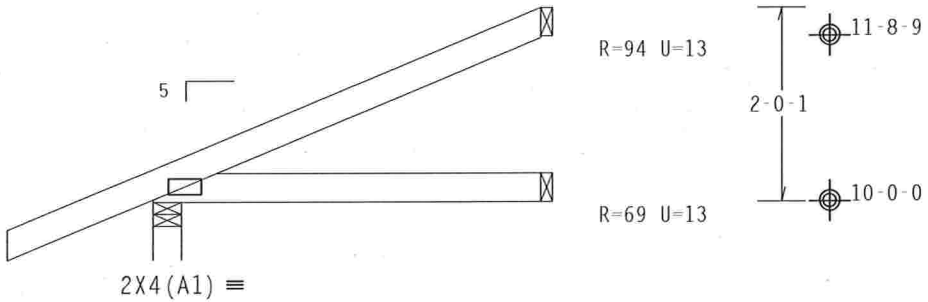
Roof overhang supports 2.00 psf soffit load.

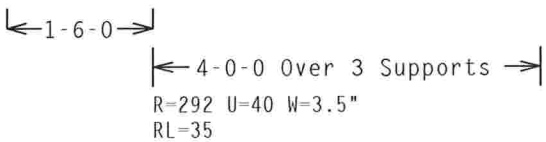
Bottom chord checked for 10.00 psf non-concurrent live load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART._ENC. bldg, Located anywhere in roof, CAT II, EXP B, 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/240 live and L/180 total load.





Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:13 FL/-/4/-/-/R/- Scale =.5"/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- 35551
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162067
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28280
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - J5)

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

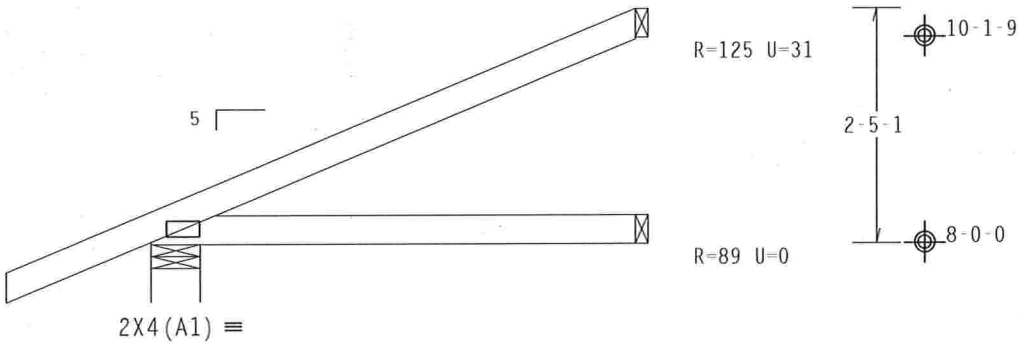
Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:7 FL/-/4/-/-/R/- Scale =.5"/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- 35552
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162013
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN-	28303
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - HJ3)

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

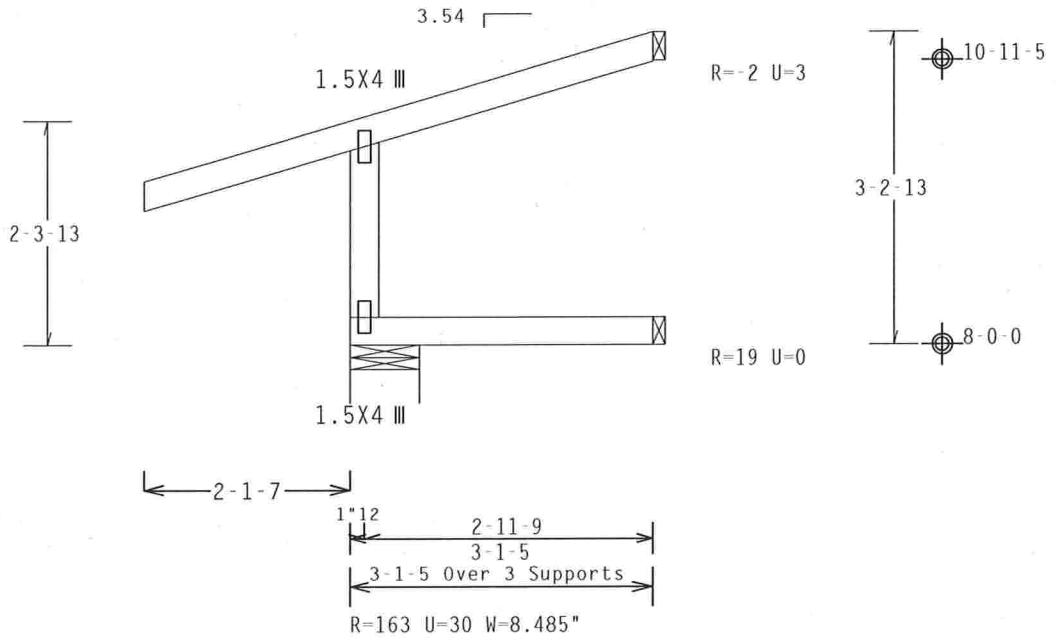
Left end vertical not exposed to wind pressure.

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

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

Wind reactions based on MWFRS pressures.

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



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 =.5"/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- 35553
TC DL	10.0 PSF	DATE 06/11/09
BC DL	10.0 PSF	DRW HCUSR8228 09162068
BC LL	0.0 PSF	HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN- 28359
DUR.FAC.	1.25	FROM AH
SPACING	SEE ABOVE	JREF- 1TSF8228Z01

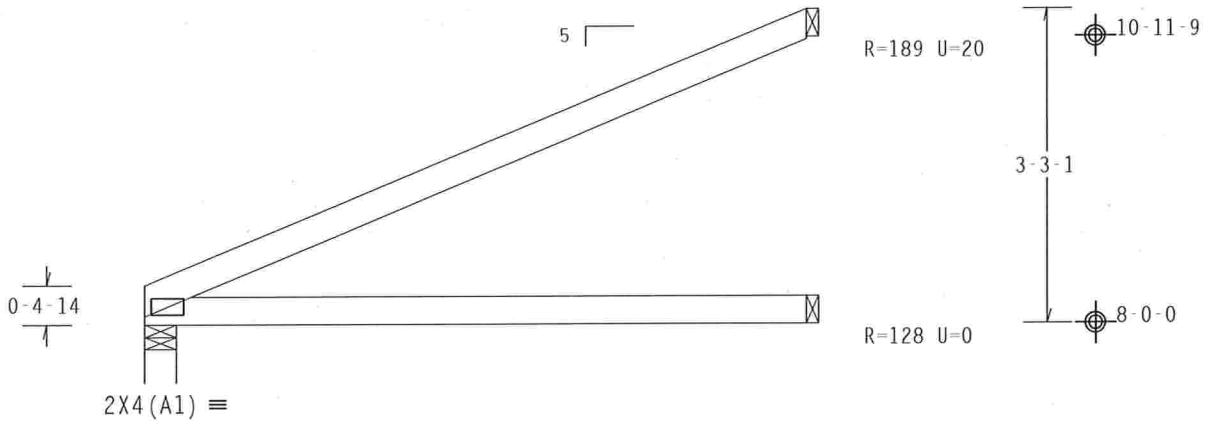
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

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

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

Wind reactions based on MWFRS pressures.



6-10-0 Over 3 Supports

R=285 U=0 W=4"
RL=44

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:2 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

11 '09

TC LL	20.0 PSF	REF	R8228- 35556
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162070
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28331
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - EJ7)

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

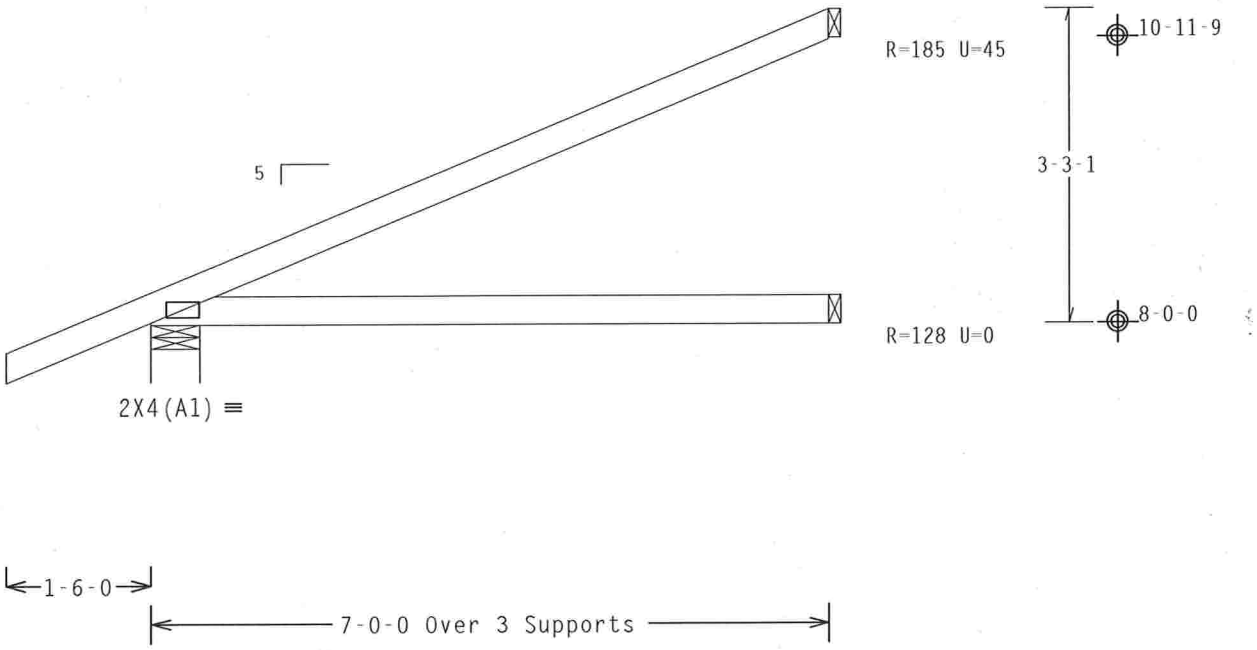
Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:31 FL/-/4/-/-/R/- Scale =.5"/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

11 '09

TC LL	20.0 PSF	REF	R8228- 35554
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162014
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN-	28307
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - EJ7A)

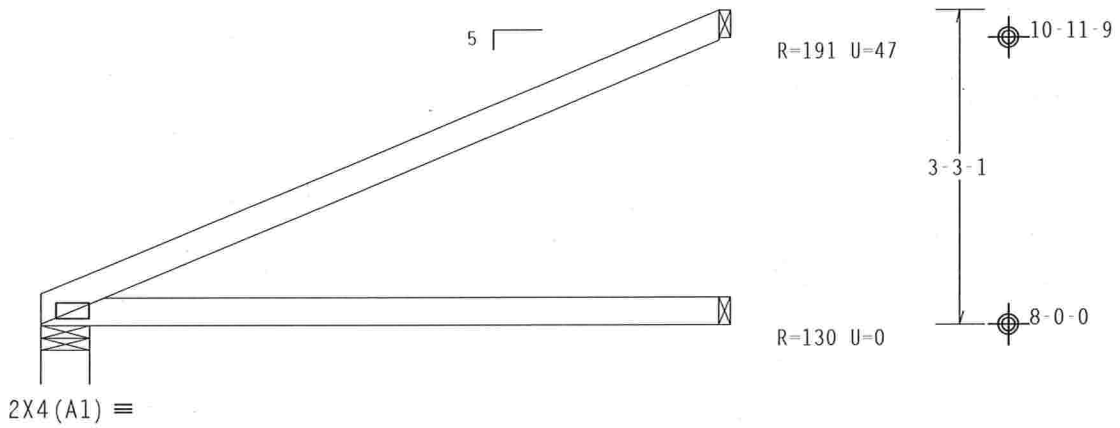
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

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

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

Wind reactions based on MWFRS pressures.



7-0-0 Over 3 Supports

R=292 U=11 W=6"
RL=67

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 =.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- 35555
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162069
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28325
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - EJ9)

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

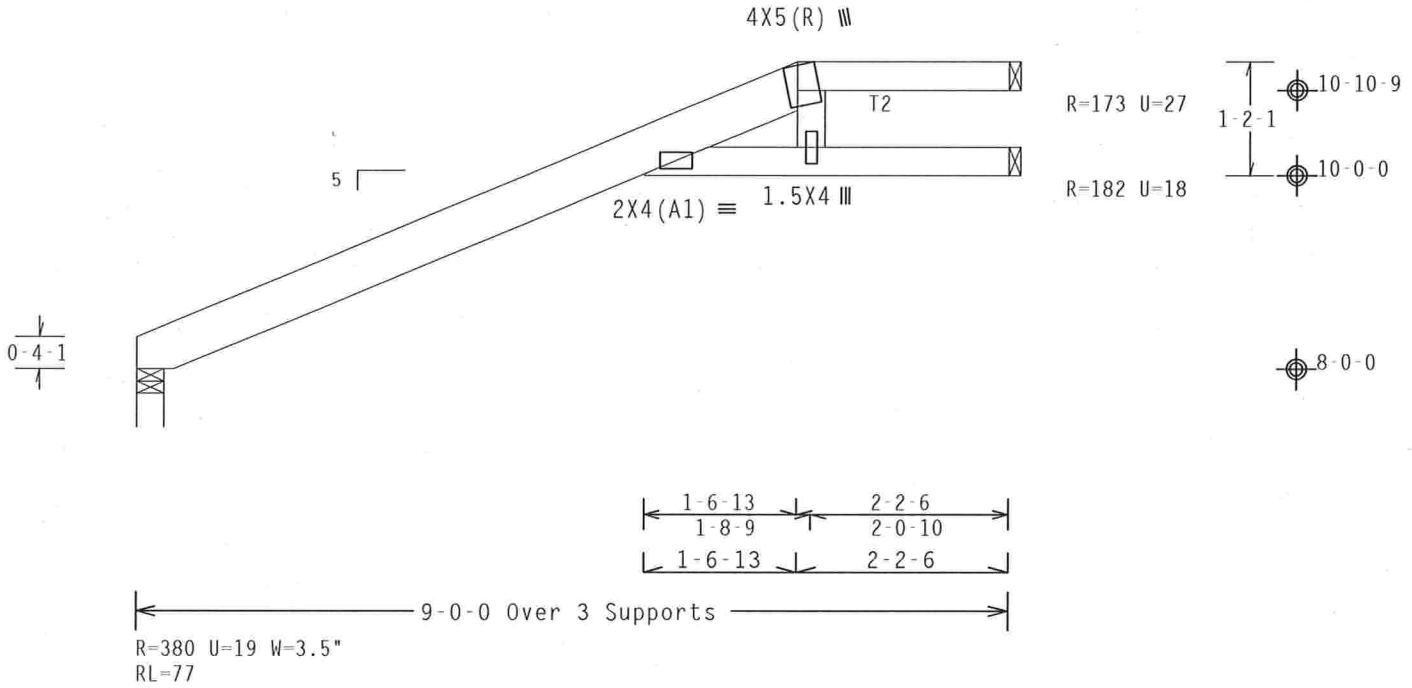
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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

Wind reactions based on MWFRS pressures.

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 =.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

11 '09

TC LL	20.0 PSF	REF	R8228- 35557
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162071
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28484
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - EJ9A)

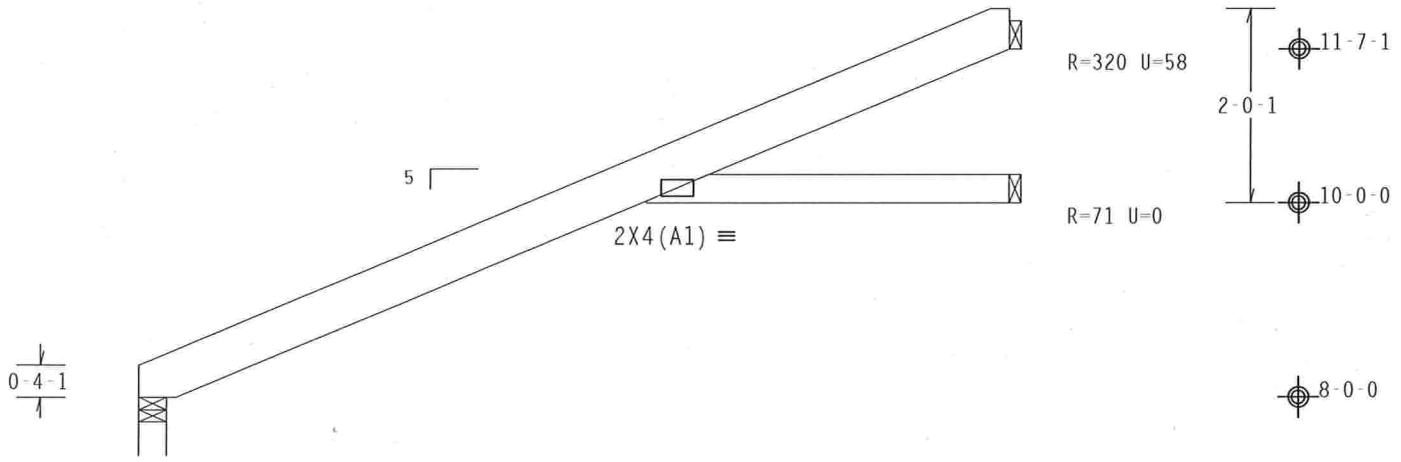
Top chord 2x6 SP #2
Bot chord 2x4 SP #2 Dense

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

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

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

Wind reactions based on MWFRS pressures.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 3105 1 QTY:1 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

11 '09

TC LL	20.0 PSF	REF	R8228- 35558
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162072
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28480
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - EJ9B)

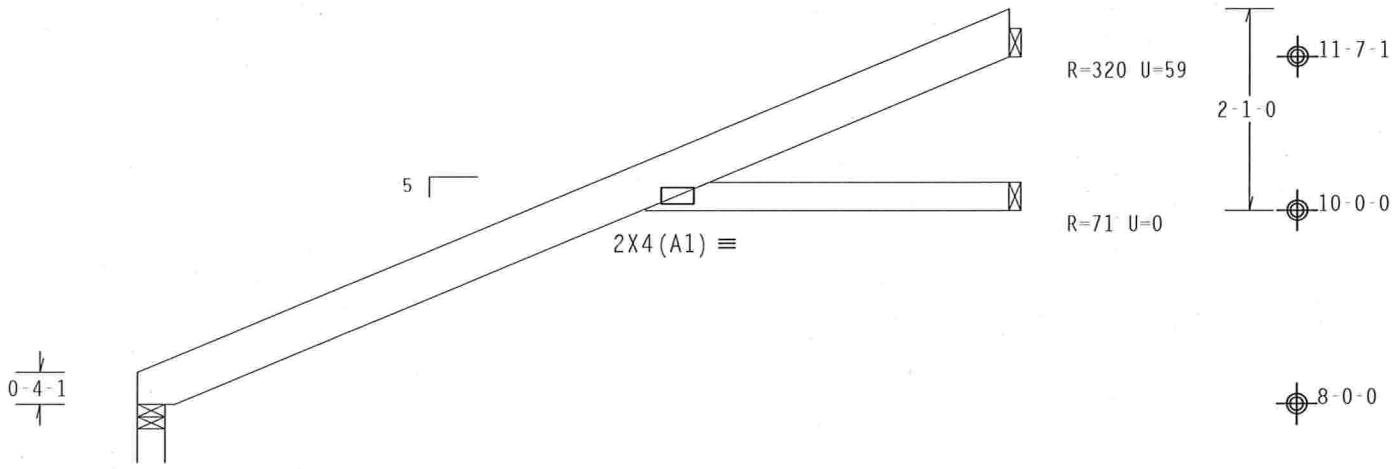
Top chord 2x6 SP #2
Bot chord 2x4 SP #2 Dense

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

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

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

Wind reactions based on MWFRS pressures.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 3 JAS 11 QTY:5 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

M 11 '09

TC LL	20.0 PSF	REF	R8228- 35559
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162073
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28488
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - EJ9E)

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

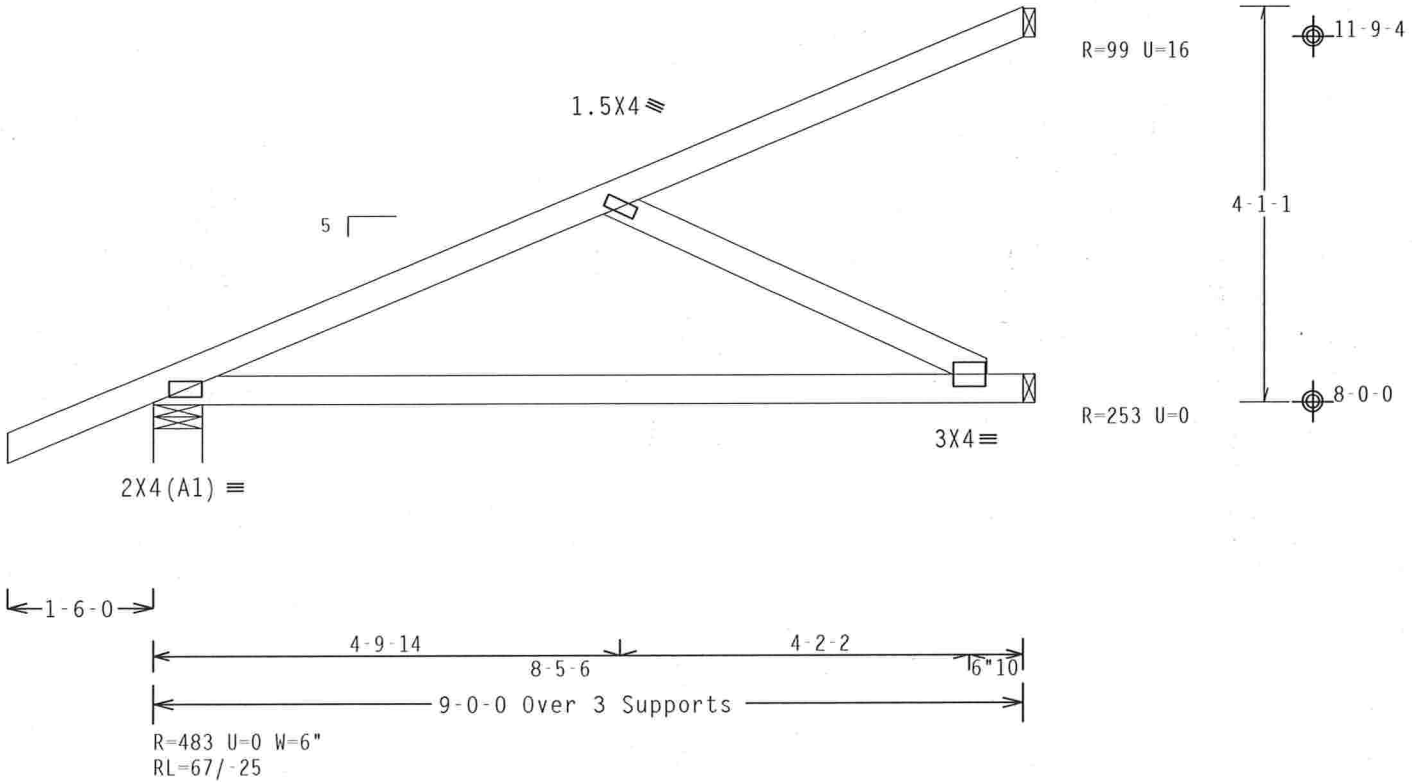
Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.

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



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 =.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

[illegible] 11 '09

TC LL	20.0 PSF	REF	R8228- 35560
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162015
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN-	28505
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - EJ9F)

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

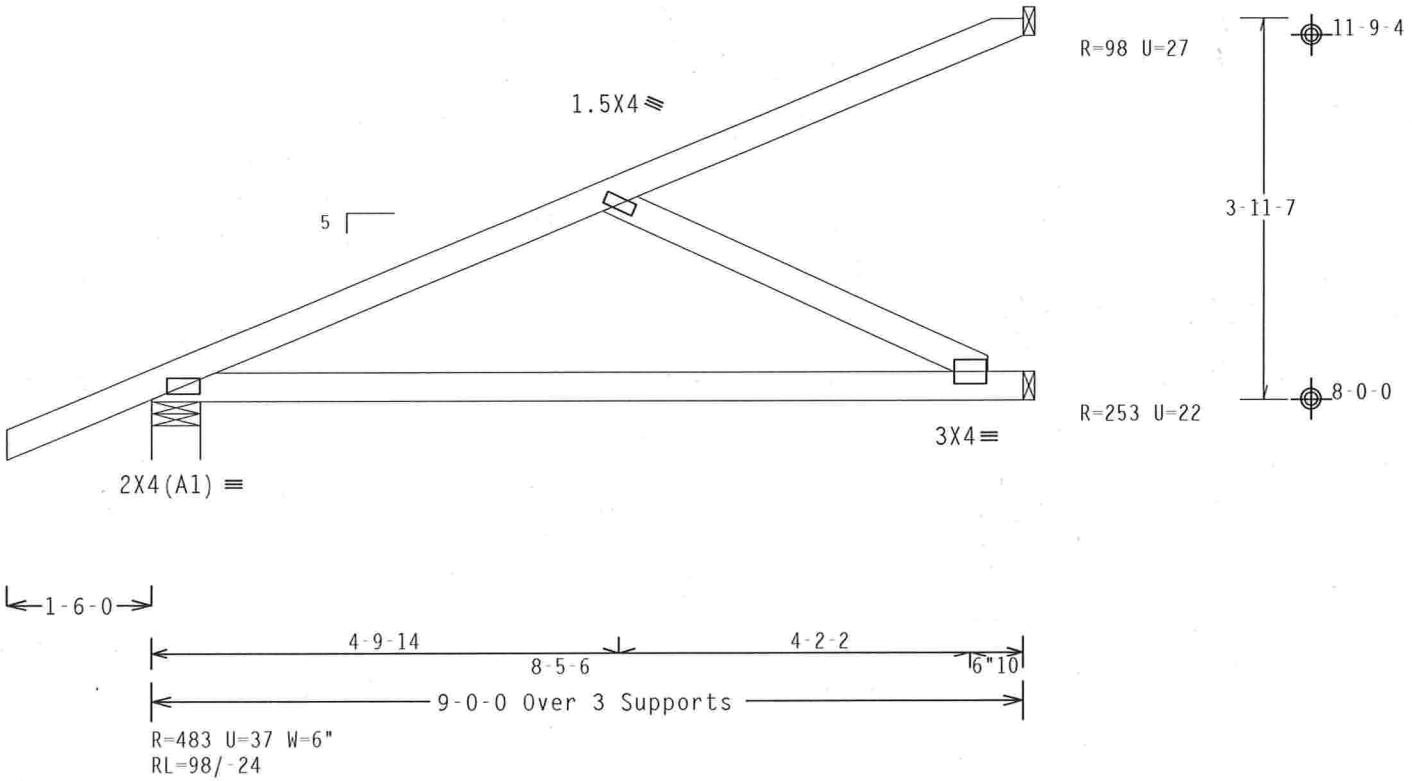
Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.

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



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 =.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

[illegible] 11 '09

TC LL	20.0 PSF	REF	R8228- 35561
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162074
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28512
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - EJ9G)

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

Roof overhang supports 2.00 psf soffit load.

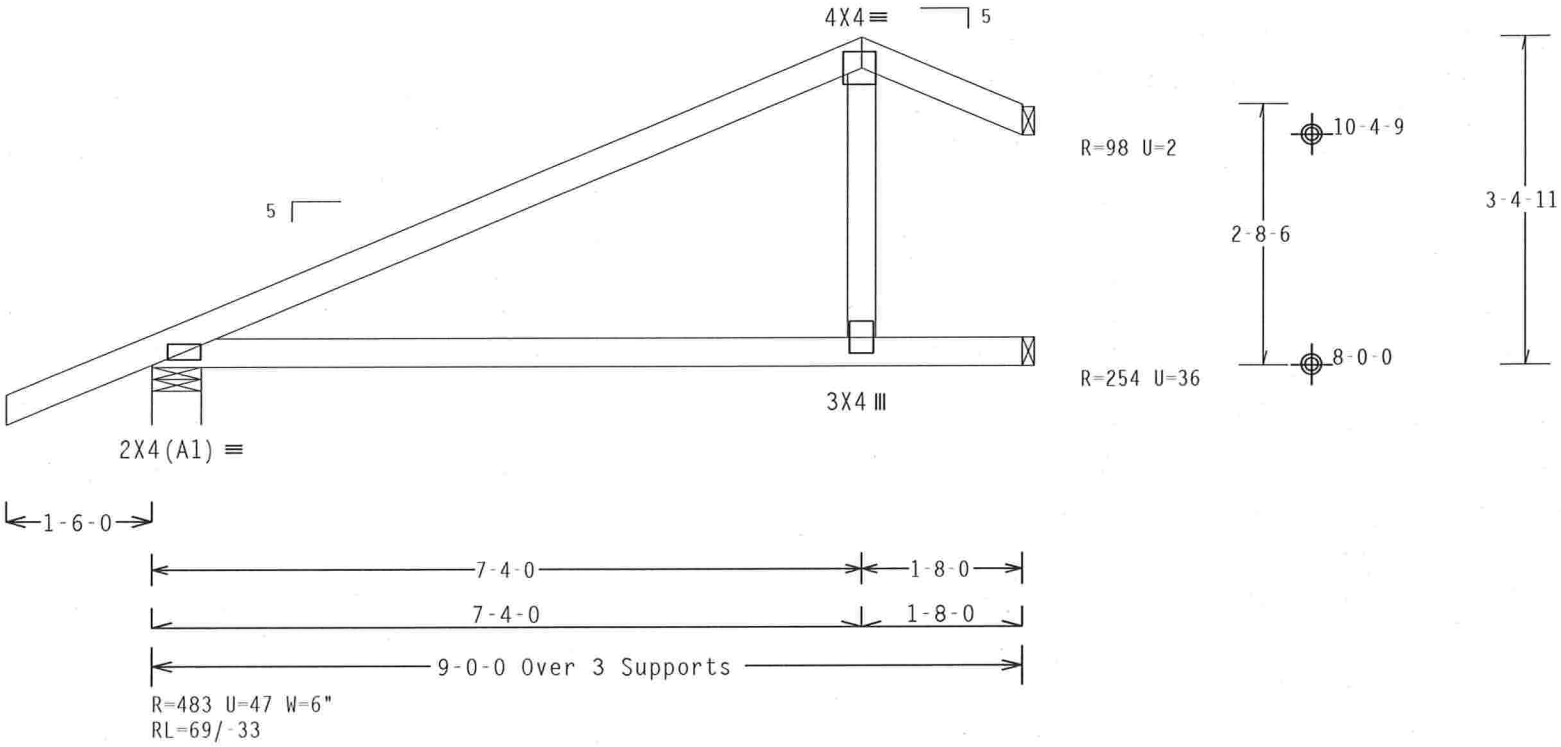
Calculated horizontal deflection is 0.13" due to live load and 0.13" due to dead load.

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

Wind reactions based on MWFRS pressures.

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

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



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 QTY:1 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
'09

TC LL	20.0 PSF	REF	R8228- 35562
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162016
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN-	28519
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - EJ9D)

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

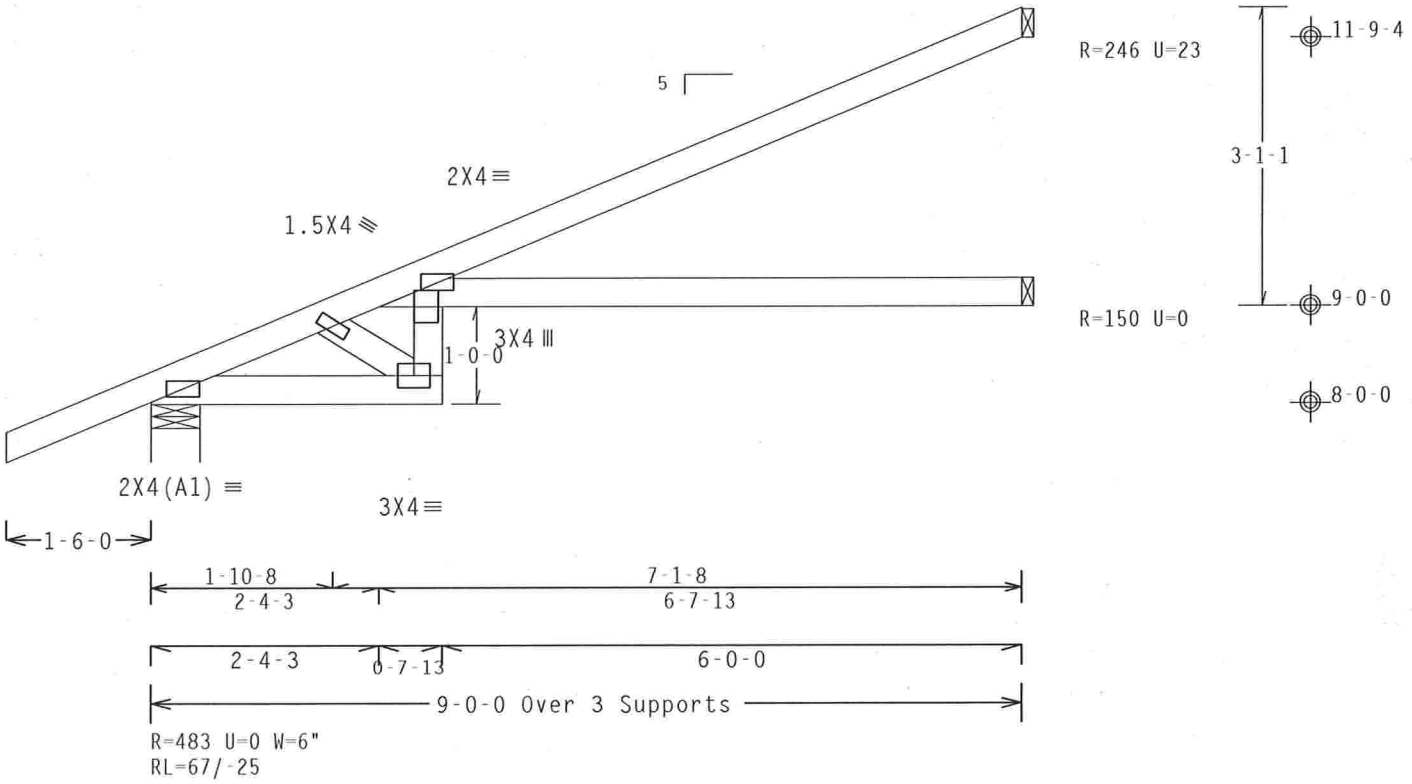
Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 8.07.00 [illegible] QTY:8 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA 40278

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

TC LL	20.0 PSF	REF	R8228- 35563
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162075
BC LL	0.0 PSF		HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN-	28574
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

(9-121--Isaac Construction Sinisi -- , ** - EJ9C)

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

Laterally brace TC below filler at 24" OC.

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

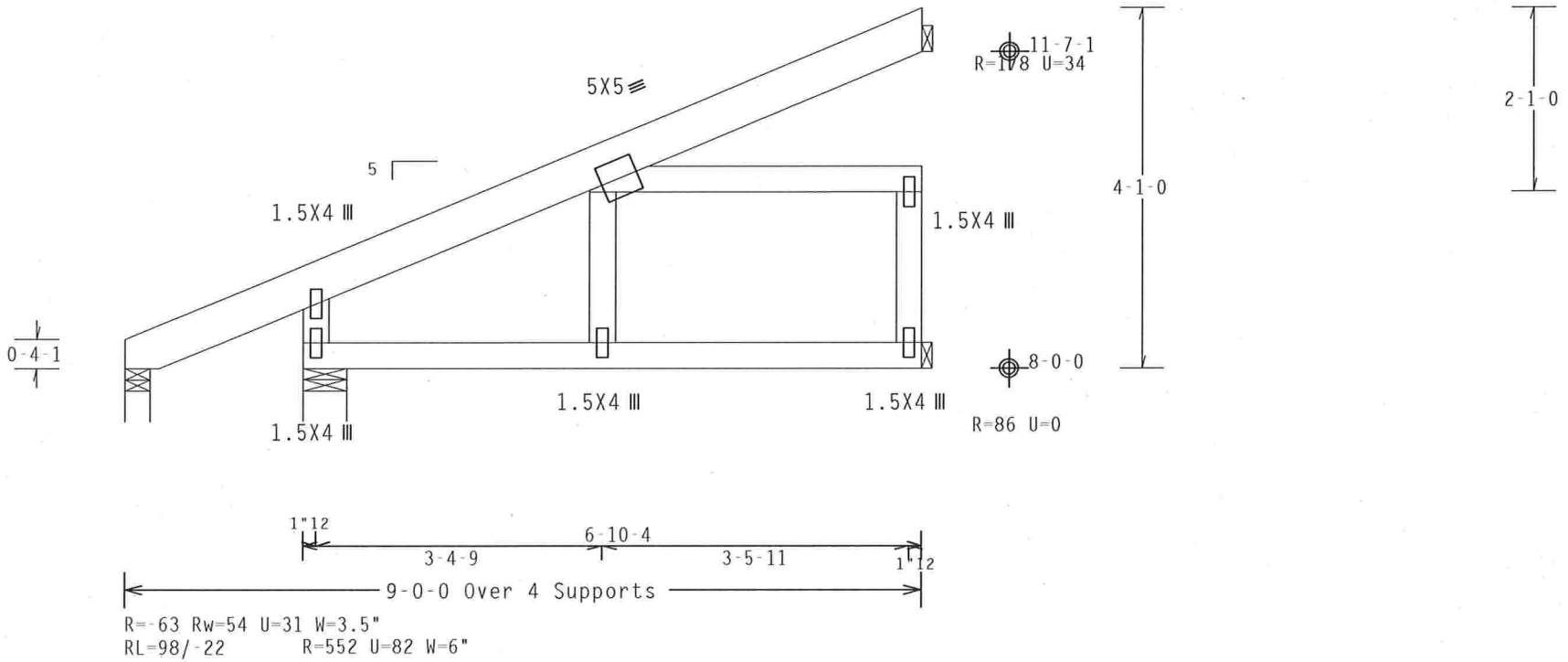
Laterally brace BC above filler @ 24" O.C.
Including a lateral brace at chord ends.

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 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 =.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.

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

TC LL	20.0 PSF	REF	R8228- 35564
TC DL	10.0 PSF	DATE	06/11/09
BC DL	10.0 PSF	DRW	HCUSR8228 09162076
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	28984
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TSF8228Z01

GABLE STUD REINFORCEMENT DETAIL

ASCE 7-05: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C, Kzt = 1.00

MAX GABLE VERTICAL LENGTH

2X4 GABLE VERTICAL SPACING	SPECIES	GRADE \ BRACE	NO BRACES	(1) 1X4 "L" BRACE *		(1) 2X4 "L" BRACE *		(2) 2X4 "L" BRACE **		(1) 2X6 "L" BRACE *		(2) 2X6 "L" BRACE **	
				GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B
24" O.C.	SPF HF	#1 / #2	3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 5"	9' 8"	12' 5"	12' 9"	14' 0"	14' 0"
		#3	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"
		STUD	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 3"	12' 3"	14' 0"	14' 0"
		STANDARD	3' 9"	5' 2"	5' 2"	6' 9"	6' 9"	9' 1"	9' 1"	10' 7"	10' 7"	14' 0"	14' 0"
	SP DFL	#1	4' 3"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
		#2	4' 2"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
		#3	4' 0"	6' 2"	6' 2"	7' 11"	8' 1"	9' 5"	9' 11"	12' 5"	12' 8"	14' 0"	14' 0"
		STUD	4' 0"	6' 1"	6' 1"	7' 11"	8' 0"	9' 5"	9' 11"	12' 5"	12' 6"	14' 0"	14' 0"
		STANDARD	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	9' 4"	10' 10"	10' 10"	14' 0"	14' 0"
16" O.C.	SPF HF	#1 / #2	4' 5"	7' 8"	7' 10"	9' 1"	9' 4"	10' 10"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 4"	6' 4"	6' 4"	8' 4"	8' 4"	10' 10"	10' 10"	12' 11"	12' 11"	14' 0"	14' 0"
	SP DFL	#1	4' 10"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	4' 9"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 6"	7' 7"	7' 7"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 6"	7' 6"	7' 6"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 5"	6' 5"	6' 5"	8' 6"	8' 6"	10' 10"	11' 1"	13' 3"	13' 3"	14' 0"	14' 0"
12" O.C.	SPF HF	#1 / #2	4' 11"	8' 5"	8' 8"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 9"	7' 3"	7' 3"	9' 7"	9' 7"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
	SP DFL	#1	5' 4"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	5' 3"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 0"	8' 5"	8' 5"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	5' 0"	8' 5"	8' 7"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"

BRACING GROUP SPECIES AND GRADES:

GROUP A:

SPRUCE-PINE-FIR	
#1 / #2	STANDARD
#3	STUD

HEM-FIR	
#2	STUD
#3	STANDARD

DOUGLAS FIR-LARCH
#3
STUD
STANDARD

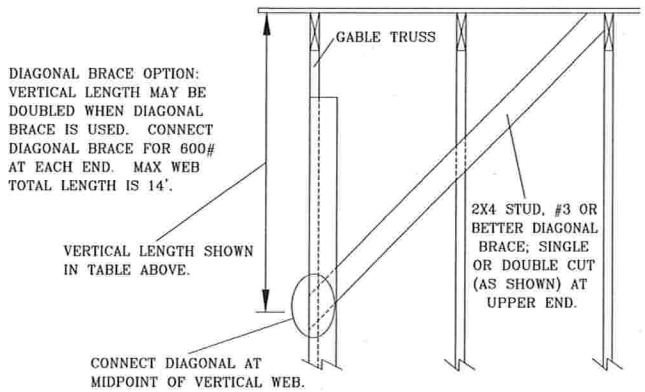
SOUTHERN PINE
#3
STUD
STANDARD

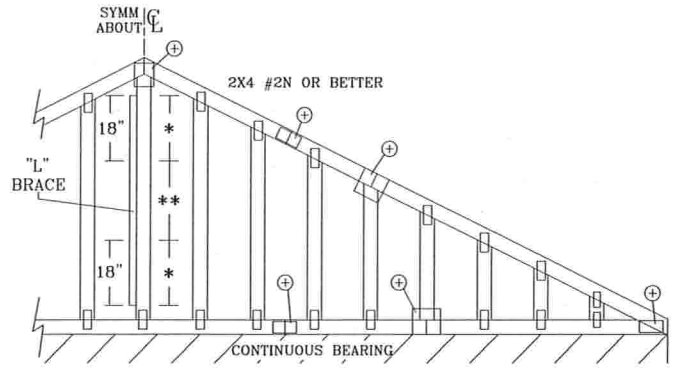
GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE
#1
#2

DOUGLAS FIR-LARCH
#1
#2





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS. (0.128"x3" min)

* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.

** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES

VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2.5X4
GREATER THAN 11' 6"	3X4

+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.

ITW Building Components Group Inc.

Earth City, MO 63045

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural panels and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3 & B7. See this job's general notes page for more information.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.
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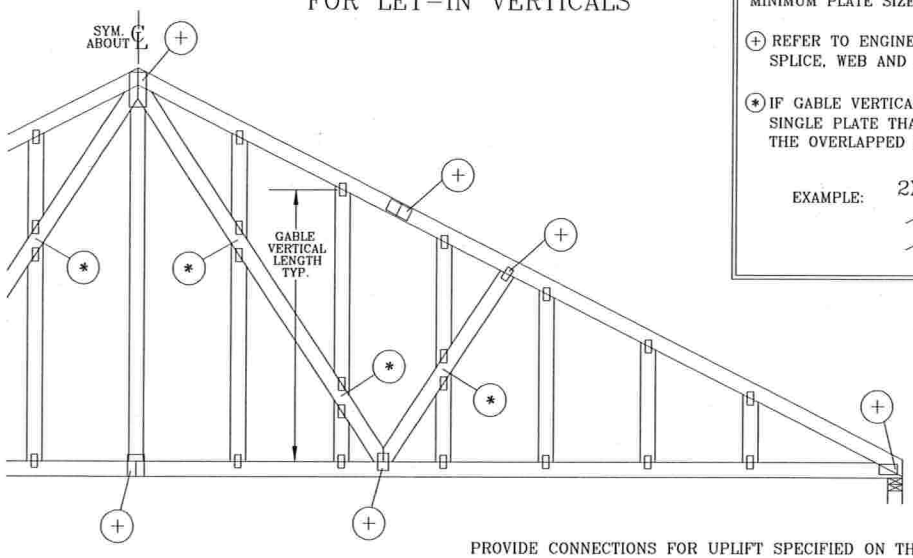
ITW-BCG: www.itwbcg.com; TPI: www.tpinst.com; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF	ASCE7-05-GAB11015
DATE	1/1/09
DRWG	A11015050109

GABLE DETAIL
FOR LET–IN VERTICALS



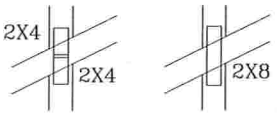
GABLE TRUSS PLATE SIZES

REFER TO APPROPRIATE ITW GABLE DETAIL FOR MINIMUM PLATE SIZES FOR VERTICAL STUDS.

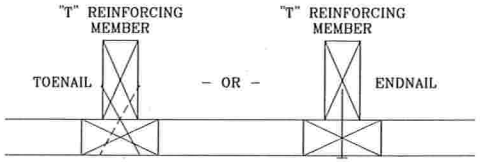
(+) REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.

(*) IF GABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE THAT COVERS THE TOTAL AREA OF THE OVERLAPPED PLATES TO SPAN THE WEB.

EXAMPLE:



"T" REINFORCEMENT ATTACHMENT DETAIL



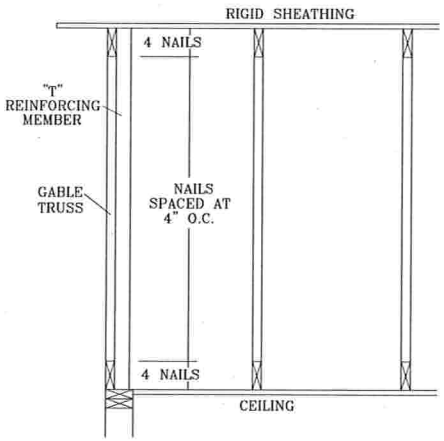
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" INCREASE BY LENGTH (BASED ON APPROPRIATE ITW GABLE DETAIL).

MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MRH	"T" REINF. MBR. SIZE	"T" INCREASE
140 MPH	2x4	10 %
15 FT	2x6	50 %
140 MPH	2x4	10 %
30 FT	2x6	50 %
130 MPH	2x4	10 %
15 FT	2x6	50 %
130 MPH	2x4	10 %
30 FT	2x6	50 %
120 MPH	2x4	10 %
15 FT	2x6	50 %
120 MPH	2x4	10 %
30 FT	2x6	40 %
110 MPH	2x4	10 %
15 FT	2x6	40 %
110 MPH	2x4	10 %
30 FT	2x6	50 %
100 MPH	2x4	20 %
15 FT	2x6	30 %
100 MPH	2x4	10 %
30 FT	2x6	40 %
90 MPH	2x4	20 %
15 FT	2x6	20 %
90 MPH	2x4	20 %
30 FT	2x6	30 %

EXAMPLE:
ASCE WIND SPEED = 100 MPH
MEAN ROOF HEIGHT = 30 FT, Kzt = 1.00
GABLE VERTICAL = 24" O.C. SP #3
"T" REINFORCING MEMBER SIZE = 2X4
"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10
(1) 2X4 "L" BRACE LENGTH = 6' 7"
MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH
1.10 x 6' 7" = 7' 3"



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH
END DRIVEN NAILS:
10d COMMON (0.148"X 3.",MIN) NAILS AT 4" O.C. PLUS
(4) NAILS IN TOP AND BOTTOM CHORD.

TOENAILED NAILS:
10d COMMON (0.148"x3",MIN) TOENAILS AT 4" O.C. PLUS
(4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ITW GABLE DETAIL FOR ASCE WIND LOAD.
ASCE 7–98 GABLE DETAIL DRAWINGS
A13015980109, A12015980109, A11015980109, A10015980109,
A13030980109, A12030980109, A11030980109, A10030980109
ASCE 7–02 GABLE DETAIL DRAWINGS
A13015020109, A12015020109, A11015020109, A10015020109, A14015020109,
A13030020109, A12030020109, A11030020109, A10030020109, A14030020109
ASCE 7–05 GABLE DETAIL DRAWINGS
A13015050109, A12015050109, A11015050109, A10015050109, A14015050109,
A13030050109, A12030050109, A11030050109, A10030050109, A14030050109

SEE APPROPRIATE ITW GABLE DETAIL FOR MAXIMUM UNREINFORCED GABLE VERTICAL LENGTH.

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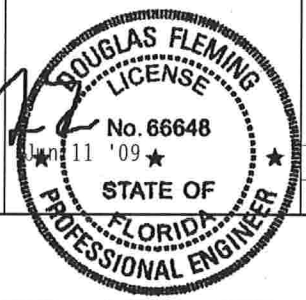

MAX TOT. LD. 60 PSF
DUR. FAC. ANY
MAX SPACING 24.0"

REF LET–IN VERT
DATE 1/1/09
DRWG GBLLETIN0109