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: 6/9/2011 **DATE ISSUED:** 6/15/2011

ENHANCED 9-1-1 ADDRESS:

284 SW GRANITE CT

LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

21-4S-16-03081-215

Remarks:

RE-ISSUE OF EXISTING ADDRESS FOR NEW STRUCTURE.

Address Issued By: SIGNED: / RONAL N. CROFT

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.

SW CR242
SW RALPH TER
SW VILLA CT
SW ROYAL CT
SW WARREN CT
SW GRANITE CT
SOUNDLESS CT

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001896

DATE 06/29/2011 PARCEL ID # 21-4S-16-03081-215

APPLICANT KIMMY EDGLEY PHONE 386.752.0580

ADDRESS 590 SW ARLINGTON BLVD.,STE. 113 LAKE CITY FL 32055

OWNER KRISTY & GEORGE BAKER PHONE 386.752.0580

ADDRESS 284 SW GRANITE COURT LAKE CITY FL 32024

CONTRACTOR DOUG EDGLEY PHONE 386.752.0580

LOCATION OF PROPERTY 90-W TO SR. 247-S,TL TO C-242,TL TO GRANITE CT.,TL AND IT'S TH LAST LOT ON L.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT WINGATE 15

SIGNATURE Kimmy Edgley

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 FLORIDA

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1106-40 CONTRACTOR EDGLEY CONSTRUCTION PHONE 386-752-0580

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 37	Print Name DONALD HOLLINGSWORTH License #: 13012377	Signature Phone #: 386-755-5944
MECHANICAL/ A/C 138	Print Name LAMAR BOOZER License #: RA0035027	Signature Phone #: 386-752-6700
PLUMBING/ GAS 714	Print Name MARK BARRS License #: CFC057219	Signature Phone #: 386-752-8656
ROOFING 539	Print Name DARIN L SUMMERLIN License #: CCC1326192	Signature Phone #: 386-288-5426
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	000620	BRANT STEVENS	
CONCRETE FINISHER	000028	ALTON "BUTCH" VAUGHN	
FRAMING	CRC022354	WILLIAM GUERNSEY	
INSULATION	000240	WILLIAM SIKES	
STUCCO	—	—	—
DRYWALL		See Attached Sheet	
PLASTER	—	—	—
CABINET INSTALLER	000762	STEVE BORDEAUX	
PAINTING	000632	JOHN M BISPHAM	
ACOUSTICAL CEILING	—	—	—
GLASS	000618	CARL BULLARD JR	
CERAMIC TILE	000214	JAMES L RIX JR	
FLOOR COVERING	000546	RYAN HARDING	
ALUM/VINYL SIDING	000166	MICHAEL R NICHOLSON	
GARAGE DOOR	000619	CARL BULLARD JR	
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.

1106-40 - Baker

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1106-40 CONTRACTOR Edgley Construction PHONE 752-0580

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 #:

MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
DRYWALL	44	Douglas Edgley	
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.

"Revised" Permit

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 29509 CONTRACTOR Doug Edsley PHONE 752.0580

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			
DRYWALL	1177	Joseph V. Ambros	Joseph V. Ambros
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.

Baker JOB#.

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.) 1874		Total (Sq. Ft.) under roof 2751	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. Warranty Deed	✓		

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 110 mph.	✓		
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** Treat Soil	✓		

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 Wood Frame			✓

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 R-38	✓		
75	Exterior wall cavity R-13	✓		
76	Crawl space Concrete Floor.			✓

HVAC information

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	✓		
78	Exhaust fans locations in bathrooms Show on Elec. Sheet Page 3	✓		
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 1 ½ H.P.	✓		
83	Reservoir pressure tank gallon capacity 86 Gal.	✓		
84	Rating of cycle stop valve if used 30 Gal. per. min.	✓		

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 200 Amp.	✓		
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. Underground	✓		

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

6.21.11
As per Mr. Russell
PER KIMMY EDGLEY

Hall's Pump & Well Service, Inc.
904 NW Main Blvd
Lake City, FL. 32055

June 17, 2011

Notice to All Contractors:
EDGLEY CONSTRUCTION CO.

Please be advised that due to the new building codes we will use a large capacity diaphragm tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphragm tank is used then we will install a cycle stop valve which will produce the same results. All wells will have a pump & tank combination that will be sufficient enough for each situation.

If you have any questions please feel free to call our office.

Thank You,

Russell Davis

Russell Davis

Return To:
CAMPUS USA CREDIT UNION
14007 NORTHWEST 1ST ROAD
JONESVILLE, FLORIDA 32669

This instrument was prepared by:
KATHLEEN BASHAM
CAMPUS USA CREDIT UNION
14007 NORTHWEST 1ST ROAD
JONESVILLE, FLORIDA 32669
352-335-9090

Inst:201112009246 Date:6/17/2011 Time:4:04 PM
DC,P DeWitt Cason,Columbia County Page 1 of 2 B:1216 P:1544

Permit Number: _____

Tax Folio Number:

NOTICE OF COMMENCEMENT

State of: **FLORIDA**
County of: **COLUMBIA**

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

1. Description of property:
   284 SW GRANITE COURT, LAKE CITY, FL 32024
   (Property Address)

   LOT 15, WINGATE ESTATES, ACCORDING TO THE MAP OR PLAT THEREOF, AS RECORDED IN PLAT BOOK 9, PAGE(S) 15, OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.
2. General Description of Improvements: Single Family Home
3. Owner Information:
   a. Name and address: **KRISTY S BAKER, GEORGE ROSSIE BAKER**
      284 SW GRANITE COURT
      LAKE CITY, FLORIDA 32024
   b. Interest in property: FEE SIMPLE
   c. Name and address of Fee Simple Title Holder, if other than owner: _____
4. Contractor Information:
   a. Company Name and address: **EDGLEY CONSTRUCTION COMPANY**
   b. Phone number: _____ Fax number: _____
5. Surety:
   a. Name and complete address: **N/A**
   b. Amount of Bond: $_____
   c. Phone number: _____ Fax number: _____
6. Lender:
   a. Name and complete address: **CAMPUS USA CREDIT UNION**
      14007 NORTHWEST 1ST ROAD
      JONESVILLE, FLORIDA 32669
   b. Phone number: **352-335-9090** Fax number: **352-335-1093**
7. Persons within the Sate of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7. Florida Statutes.
   a. Name and complete address: _____
   b. Phone number: _____ Fax number: _____
8. In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.
   a. Name and complete address: _____
   b. Phone number: _____ Fax number: _____
9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording, unless a different date is specified): _____

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

Kristy S Baker
KRISTY S BAKER Date

George Rossie Baker
GEORGE ROSSIE BAKER Date

The foregoing instrument was acknowledged before me this **16th day of June, 2011** by **KRISTY S BAKER, GEORGE ROSSIE BAKER** who is/are
(a) ☒ personally known to me or (b) ☐ has produced _____ as identification.

Notary Public State of Florida
Matthew Rocco
My Commission EE036995
Expires 10/24/2014

Notary Public, State of **FLORIDA**

Printed Name
My Commission Expires:

VERIFICATION PURSUANT TO SECTION 92.525, FLORIDA STATUTES

Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

Kristy S Baker
KRISTY S BAKER Date

George Rossie Baker
GEORGE ROSSIE BAKER Date

IDS, Inc

PRODUCT APPROVAL SPECIFICATION SHEET

Location:_____ **Project Name:**_____

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	MASONITE	EXTERIOR DOORS	FL4334-R4
2. Sliding	MI HOME PRO	SLIDING GLASS DOORS	FL11956-R1
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung	ATRIUM	INSULATED WINDOWS	FL 6752-2
2. Horizontal Slider	ATRIUM	INSULATED WINDOWS	FL 7836-1
3. Casement	ATRIUM	INSULATED WINDOWS	FL 8716
4. Double Hung			
5. Fixed	ATRIUM	INSULATED WINDOWS	FL 7834-1
6. Awning			
7. Pass -through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	CERTAINTEED		FL12483
2. Soffits	CERTAINTEED		FL13389
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block	PITTSBURGH CORNING	GLASS BLOCK	FL 1363-R4
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles	CERTAINTEED	ARCH SHINGLES	FL 5444-R2
2. Underlayments	WOODLAND		FL 1814-R4
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen	CERTAINTEED		FL 2533-R3
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings	CERTAINTEED	ADHESIVE(BULL)	FL 490-R2
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	VELOX	SKYLIGHTS	FL 451-R4
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor	SIMPSON	ANCHORS	FL 2355-R3
2. Truss plates	SIMPSON		FL 10655
3. Engineered lumber	WEYHAUSER	ENGINEERED LUMBER	FL 1630-R5
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was teste 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 inspec

Contractor's Authorized Agent Signature

DOUGLAS E EDGLEY

Print Name

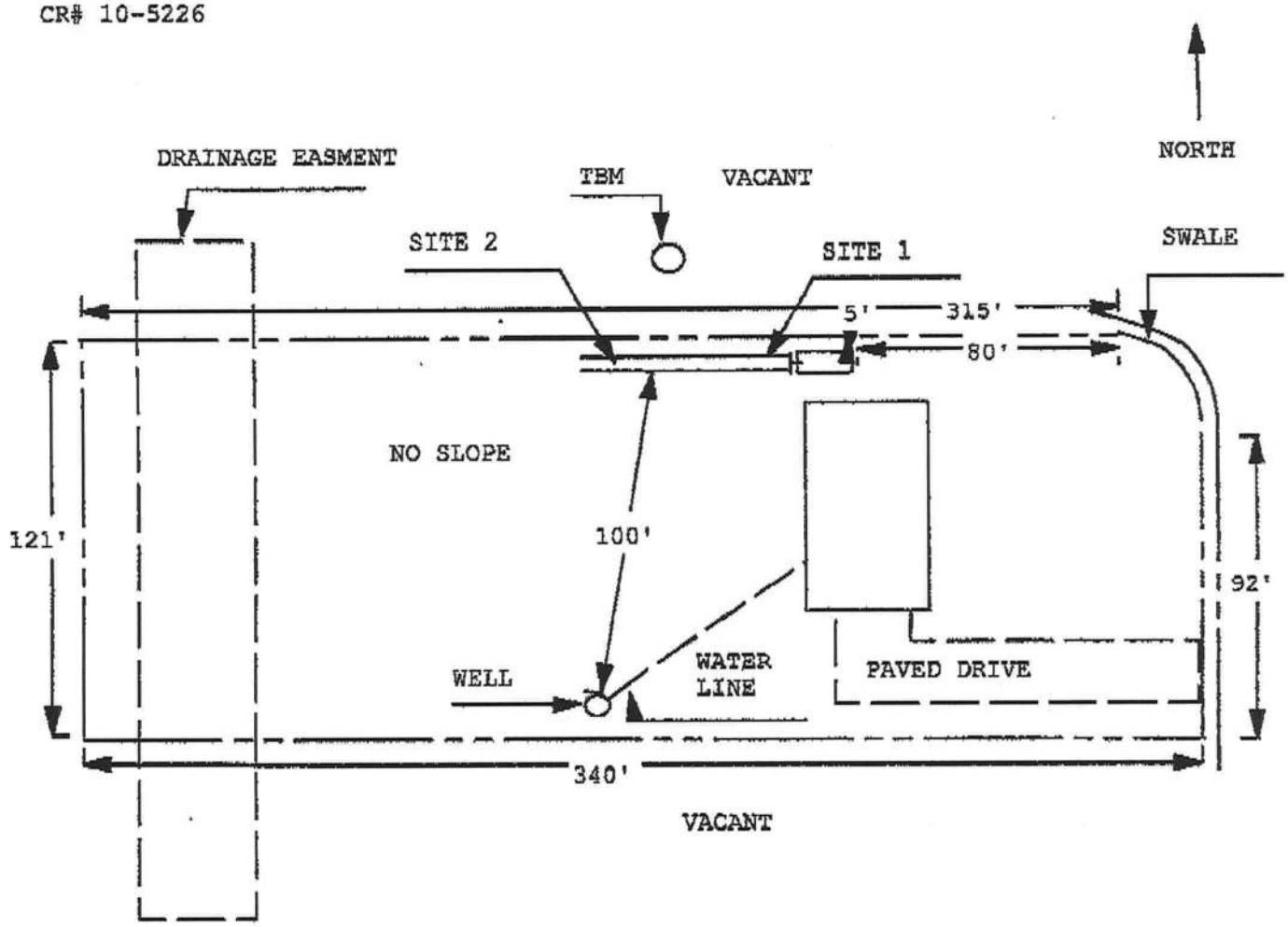
Date

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

Permit Application Number: 11-0292-N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

CR# 10-5226



1 inch = 50 feet

Site Plan Submitted By Paul Lloyd Date 5/26/11

Plan Approved ✓ Not Approved ___ Date ___

By Sabrie Ford. Env Health Director CPHU

Notes: 6.22.11 Columbia CHD

11-0292-N

CR # 10-5226

PERMIT NO. _____
DATE PAID: _____
FEE PAID: _____
RECEIPT #: _____

STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM
CONSTRUCTION PERMIT

CONSTRUCTION PERMIT FOR:
[X] New System [ ] Existing System [ ] Holding Tank [ ] Innovative
[ ] Repair [ ] Abandonment [ ] Temporary [ ] _____

APPLICANT: GEORGE & KRISTIE BAKER

PROPERTY ADDRESS: 284 SW GRANITE CT.

LOT: 15 BLOCK: N/A SUBDIVISION: WINGATE S/D
[SECTION, TOWNSHIP, RANGE, PARCEL NUMBER]

PROPERTY ID #: 21-4S-16-03081-215 [OR TAX ID NUMBER]

SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS AND STANDARDS OF SECTION 381.0065, F.S., AND CHAPTER 64E-6, F.A.C. DEPARTMENT APPROVAL OF SYSTEM DOES NOT GUARANTEE SATISFACTORY PERFORMANCE FOR ANY SPECIFIC PERIOD OF TIME. ANY CHANGE IN MATERIAL FACTS, WHICH SERVED AS A BASIS FOR ISSUANCE OF THIS PERMIT, REQUIRE THE APPLICANT TO MODIFY THE PERMIT APPLICATION. SUCH MODIFICATIONS MAY RESULT IN THIS PERMIT BEING MADE NULL AND VOID. ISSUANCE OF THIS PERMIT DOES NOT EXEMPT THE APPLICANT FROM COMPLIANCE WITH OTHER FEDERAL, STATE, OR LOCAL PERMITTING REQUIRED FOR DEVELOPMENT OF THIS PROPERTY.

SYSTEM DESIGN AND SPECIFICATIONS

T [900] GALLONS / GPD SEPTIC TANK/AEROBIC UNIT CAPACITY MULTI-CHAMBERED/IN-SERIES [ ]
A [ ] GALLONS / GPD _____ CAPACITY MULTI-CHAMBERED/IN-SERIES [ ]
N [ ] GALLONS GREASE INTERCEPTOR CAPACITY [MAXIMUM CAPACITY SINGLE TANK: 1250 GALLONS]
K [ ] GALLONS DOSING TANK CAPACITY [ ] GALLONS @ [ ] DOSES PER 24 HRS # PUMPS [ ]

D [375] SQUARE FEET PRIMARY DRAINFIELD SYSTEM
R [ ] SQUARE FEET _____ ___ SYSTEM
A TYPE SYSTEM: [X] STANDARD [ ] FILLED [ ] MOUND [ ]
I CONFIGURATION: [X] TRENCH [ ] BED [ ] _____
N
F LOCATION OF BENCHMARK: NAIL IN FORKED OAK TREE NORTH OF SYSTEM SITE
I ELEVATION OF PROPOSED SYSTEM SITE [24] [INCHES] [BELOW] BENCHMARK/REFERENCE POINT
E BOTTOM OF DRAINFIELD TO BE [44] [INCHES] [BELOW] BENCHMARK/REFERENCE POINT
L
D FILL REQUIRED: [0.0] INCHES EXCAVATION REQUIRED: [0] INCHES

OTHER

SPECIFICATIONS BY: PAUL LLOYD TITLE: SOIL SCIENTIST

APPROVED BY: Debbie Ford TITLE: Env Health Director COLUMBIA CHD

DATE ISSUED: 6-22-11 EXPIRATION DATE: 12-22-12

DH 4016, 08/09 (Obsoletes all previous editions which may not be used)
Incorporated: 64E-6.003, FAC

Prepared by & Return to:
Matt Rocco
Sierra Title, LLC
419 SW SR 247, Suite 109
Lake City, Florida 32025
File Number: 11-0356

Warranty Deed

Inst:201112009244 Date:6/17/2011 Time:4:04 PM
Doc Stamp-Deed:107.80
DC,P.DeWitt Cason,Columbia County Page 1 of 2 B:1216 P:1528

This Indenture, made , June 16, 2011 A.D.
Between
Slate Development, LLC, a Florida Limited Liability Company whose post office address is: P.O. Box 215, Lake City, Florida 32056, Grantor and **George Rossie Baker and his wife, Kristy S. Baker** whose post office address is: 194 SW Joshua Court, Lake City Fl 32024, Grantee,

Witnesseth, that the said Grantor, for and in consideration of the sum of Ten and No/100 Dollars ($10.00), to it in hand paid by the said Grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said Grantee forever, the following described land, situate, lying and being in the County of Columbia, State of Florida, to wit:

Lot 15, Wingate Estates, according to the map or plat thereof, as recorded in Plat Book 9, Page(s) 15, of the Public Records of Columbia County, Florida.

The above described property does not constitute the homestead property of the Grantor described herein.

Subject to taxes for the current year, covenants, restrictions and easements of record, if any.

Parcel Identification Number: **164S21-03081-215**

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, 2010.

And the said Grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

In Witness Whereof, the said Grantor has caused this instrument to be executed in its name by its duly authorized managing member the day and year first above written.

Slate Development, LLC, a Florida Limited Liability Company

Signed and Sealed in Our Presence:

By: _____
Jim Curry
Its: Managing Member

_____
Witness Print Name: **Matthew D. Rocco**

_____
Witness Print Name: Jonathan Rocco

State of Florida
County of Columbia

The foregoing instrument was acknowledged before me this 16th day of June, 2011, by Jim Curry, the Managing Member of Slate Development, LLC, a Florida Limited Liability Company, on behalf of the Company.
He/She is personally known to me or has produced a Drivers License as identification.

_____(Seal)
Notary Public
Notary Printed Name: _____

My Commission Expires::

Notary Public State of Florida
Matthew Rocco
My Commission EE036995
Expires 10/24/2014

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: 6/9/2011 **DATE ISSUED:** 6/15/2011

ENHANCED 9-1-1 ADDRESS:

284 SW GRANITE CT

LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

21-4S-16-03081-215

Remarks:

RE-ISSUE OF EXISTING ADDRESS FOR NEW STRUCTURE.

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.

3076

Deposit

Columbia County Building Permit Application

Impact Fee ☒

For Office Use Only Application # 1106-40 Date Received 6/21 By JW Permit # 29509/1896

Zoning Official BLK Date 28 June 2011 Flood Zone X Land Use Rec V.L.Den Zoning PRD

FEMA Map # N/A Elevation N/A MFE 1' above RD River N/A Plans Examiner T.C. Date 6-27-11

Comments VF ☒

☑ NOC ☑ EH ☐ Deed or PA ☑ Site Plan ☐ State Road Info ☐ Parent Parcel # ☒ WELL LOT E

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

IMPACT FEES: EMS ____ Fire ____ Corr ____ Road/Code ☒ 911 & Septic

School ____ = TOTAL ____

Septic Permit No. 11-0292-N Fax 386-752-4904

Name Authorized Person Signing Permit KIMMY EDGLEY Phone 386-752-0580

Address 590 SW ARLINGTON BLVD SUITE 113 LAKE CITY FL 32025

Owners Name KRISTY AND GEORGE R BAKER Phone 386-752-0580

911 Address 284 SW GRANITE COURT LAKE CITY FL 32024

Contractors Name EDGLEY CONSTRUCTION DIV OF CEE BAS INC (Doug Edgley) Phone 386-752-0580

Address 590 SW ARLINGTON BLVD SUITE 113 LAKE CITY FL 32025

Fee Simple Owner Name & Address KRISTY AND GEORGE R BAKER

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address MARK DISOSWAY PE P.O. BOX 868 LAKE CITY FL 32056

Mortgage Lenders Name & Address CAMPUS USA P.O. BOX 147029 GAINESVILLE FL 32614

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

Property ID Number 21-4S-16-03081-215 Estimated Cost of Construction $173,000

Subdivision Name WINGATE S/D Lot 15 Block ____ Unit ____ Phase ____

Driving Directions 90 W, TL ON CR 247, TL ON 242, TL ON GRANITE CT, LAST LOT ON LEFT

Number of Existing Dwellings on Property N/A

Construction of RESIDENTIAL HOME Total Acreage .94 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 56' Side 55' Side 19' Rear 225'

Number of Stories 1 Heated Floor Area 1874 Total Floor Area 2751 Roof Pitch 6/12

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

- JW spoke w/ Doug 6.29.11

Columbia County Building Permit Application

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

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

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

G. Rosser Baker

(Owners Must Sign All Applications Before Permit Issuance.)

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

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

Contractor's Signature (Permitee)

Contractor's License Number RR282811326
Columbia County
Competency Card Number 44

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 13th **day of** June **20**11.

Personally known ✓ **or Produced Identification**

Nanci Brinkley

State of Florida Notary Signature (For the Contractor)

SEAL:

NANCI L. BRINKLEY
MY COMMISSION # DD 932450
EXPIRES: December 26, 2013
Bonded Thru Notary Public Underwriters

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:1UDS487-Z0120161044

07/20/2011

Truss Fabricator:	Anderson Truss Company
Job Identification:	11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , **
Truss Count:	31
Model Code:	Florida Building Code 2007 and 2009 Supplement
Truss Criteria:	FBC2007Res/TPI-2002(STD)
Engineering Software:	Alpine Software,Versions 9.05, 10.03.
Structural Engineer of Record:	The identity of the structural EOR did not exist as of
Address:	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads:	Roof - 40.0 PSF @ 1.25 Duration
	Floor - N/A
	Wind - 110 MPH ASCE 7-05 -Closed

Notes:

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

Walter P. Finn
-Truss Design Engineer-

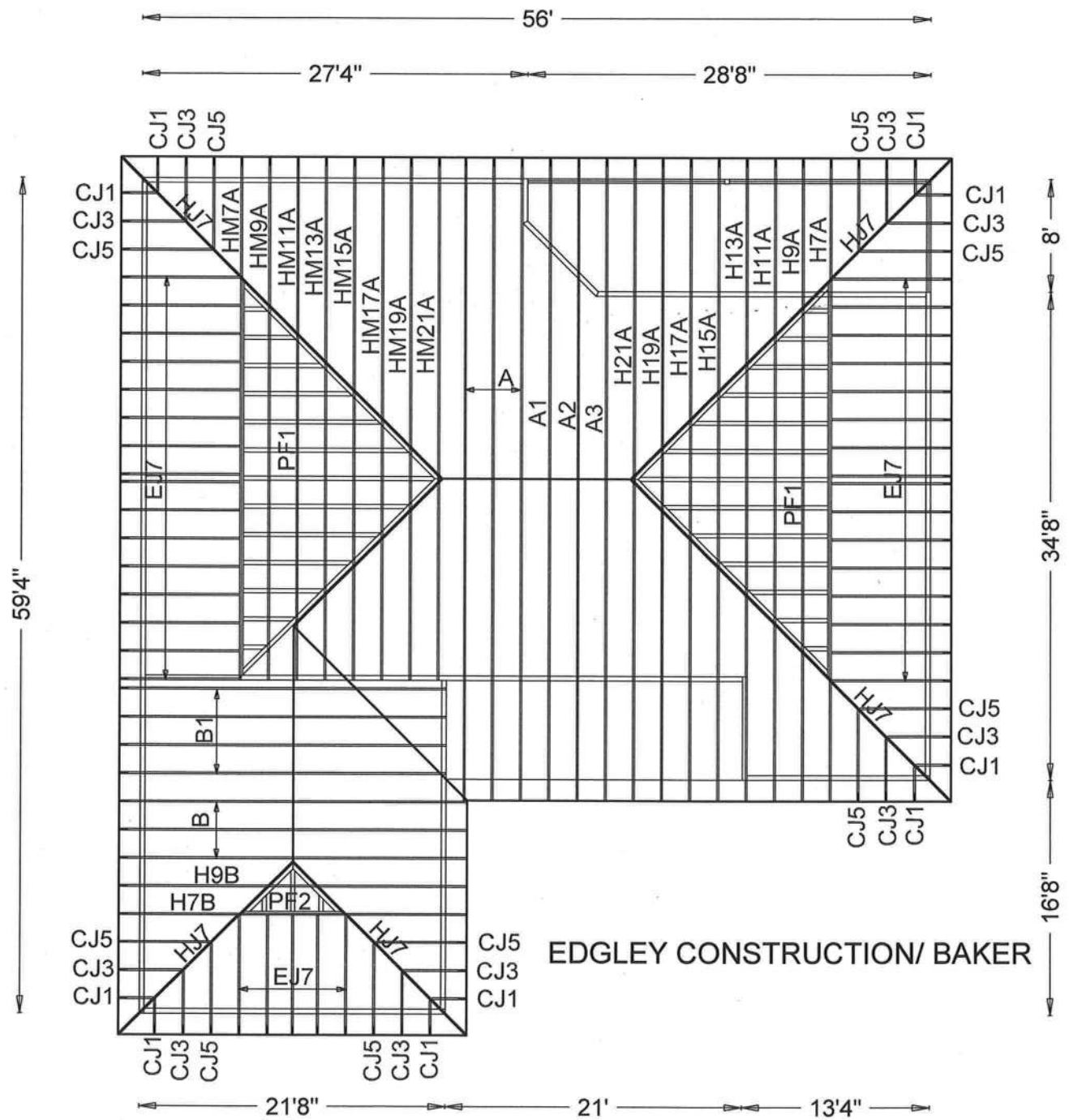
1950 Marley Drive
Haines City, FL 33844

Details: BRCLBSUB-CNNAILSP-HIPFRAME-

#	Ref	Description	Drawing#	Date
1	93016--A		11201004	07/20/11
2	93017--A1		11201003	07/20/11
3	93018--A3		11201025	07/20/11
4	93019--A2		11201002	07/20/11
5	93020--H7A		11201004	07/20/11
6	93021--H9A		11201017	07/20/11
7	93022--H11A		11201021	07/20/11
8	93023--H13A		11201022	07/20/11
9	93024--H15A		11201023	07/20/11
10	93025--H17A		11201024	07/20/11
11	93026--H19A		11201005	07/20/11
12	93027--H21A		11201006	07/20/11
13	93028--HM7A		11201016	07/20/11
14	93029--HM9A		11201020	07/20/11
15	93030--HM11A		11201013	07/20/11
16	93031--HM13A		11201014	07/20/11
17	93032--HM15A		11201015	07/20/11
18	93033--HM17A		11201001	07/20/11
19	93034--HM19A		11201002	07/20/11
20	93035--HM21A		11201003	07/20/11
21	93036--B		11201011	07/20/11
22	93037--B1		11201009	07/20/11
23	93038--H7B		11201018	07/20/11
24	93039--H9B		11201012	07/20/11
25	93040--EJ7		11201007	07/20/11
26	93041--CJ5		11201001	07/20/11
27	93042--CJ3		11201006	07/20/11
28	93043--CJ1		11201005	07/20/11
29	93044--HJ7		11201008	07/20/11
30	93045--PF2		11201010	07/20/11
31	93046--PF1		11201019	07/20/11

p # 29509

Roof Plane Sheathing Area = 3472 sq. ft



JOB DESCRIPTION:: Fill in later
/: EDGLEY CONSTRUCTION/BAKER

JOB NO:
11-113

PAGE NO:
1 OF 1

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- . ** - A)

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

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense :B2 2x4 SP #1:
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

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

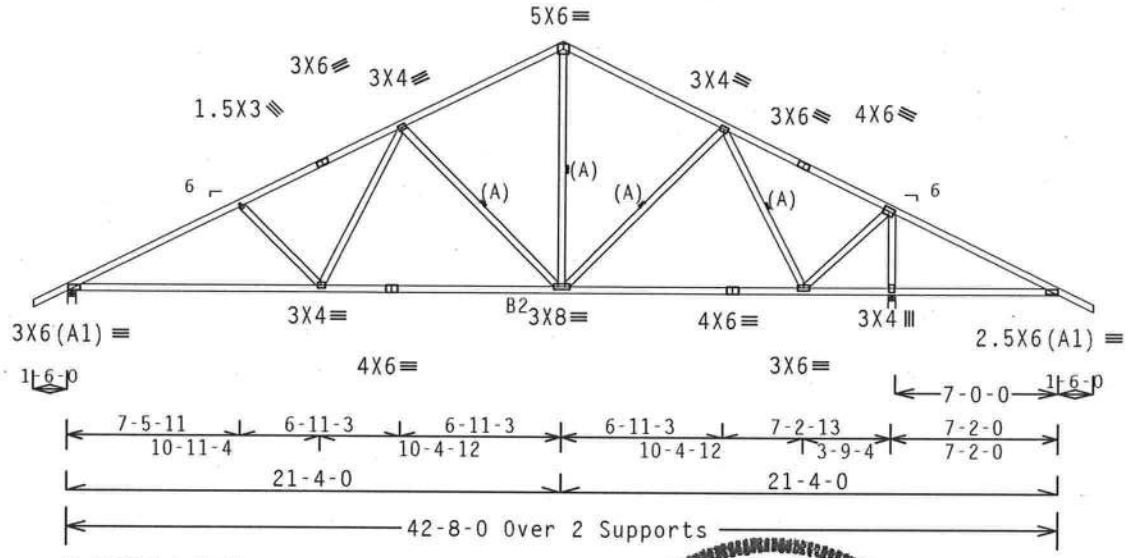
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

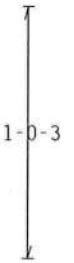
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

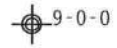
Wind reactions based on MWFRS pressures.

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

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







Design Crit: FBC2007Res/TPI-2002/STD/ 9-05-03-0310.17

PLT TYP. Wave FT/RT=10%(0%)/0(0%) QTY:3 FL/-/4/-/-/R/- Scale =.125"/Ft.

07/20/2011

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

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

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

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TC LL	20.0 PSF	REF	R487-- 93016
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201004
BC LL	0.0 PSF		HC-ENG DF/AP *
TOT.LD.	40.0 PSF	SEQN-	205552
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - A1)

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

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

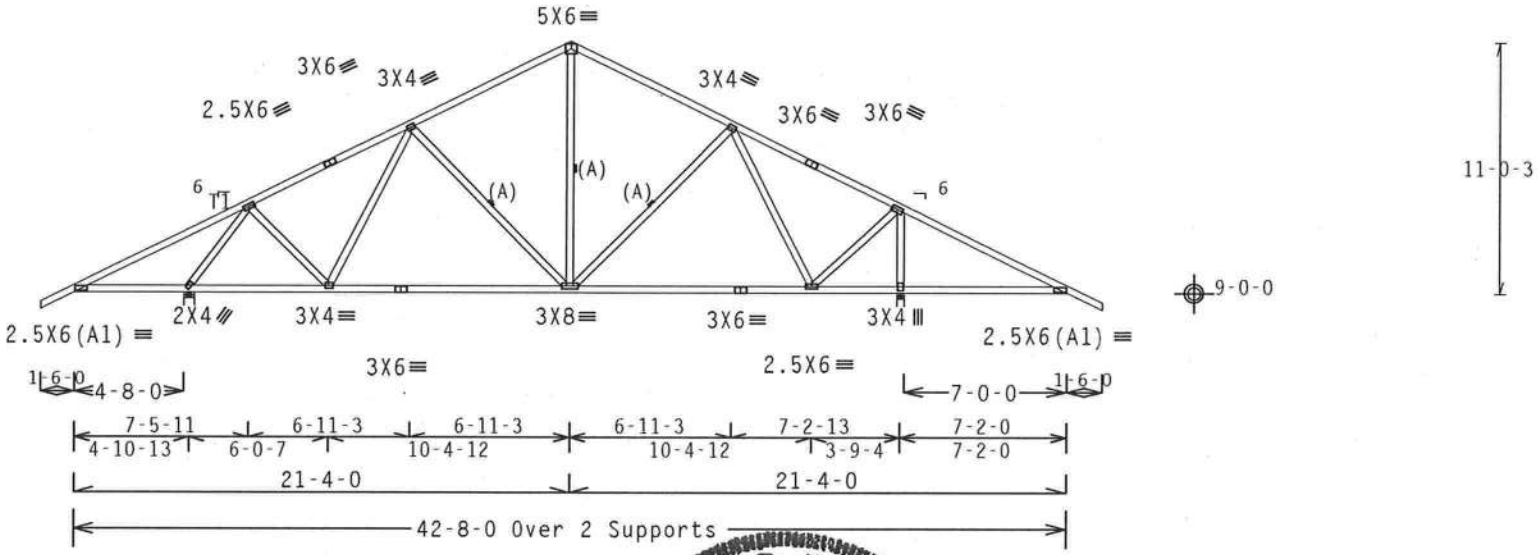
Deflection meets L/240 live and L/180 total load.

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.

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

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



R=1720 U=0 W=5.657"
RL=266/-266

R=1995 U=0 W=4"

Design Crit: FBC2007Res/TPI-2002 STD)

PLT TYP. Wave

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

9.05.03.0818.17

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

Scale =.125"/Ft.

WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/20/2011

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

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TC LL	20.0 PSF	REF	R487-- 93017
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201003
BC LL	0.0 PSF	HC-ENG	DF/AP
TOT.LD.	40.0 PSF	SEQN-	205560
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - A3)

Top chord 2x4 SP #2 Dense :T4 2x4 SP #1:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

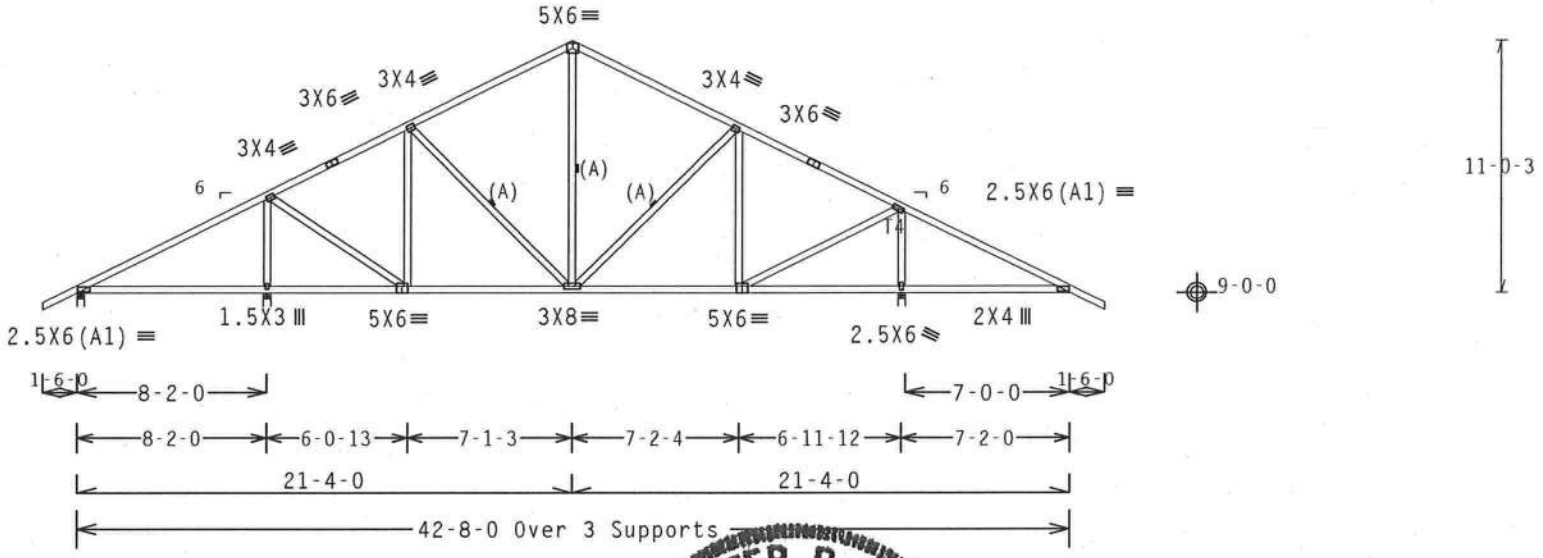
Deflection meets L/240 live and L/180 total load.

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.

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

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



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave

FT/RT=10%(0%)/0(0... 9.[illegible]03...17 TY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER 07/20/2011

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

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TC LL	20.0 PSF	REF	R487-- 93018
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201025
BC LL	0.0 PSF		HC-ENG DF/AP
TOT.LD.	40.0 PSF	SEQN-	205604
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - A2)

Top chord 2x4 SP #2 Dense :T4 2x4 SP #1:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

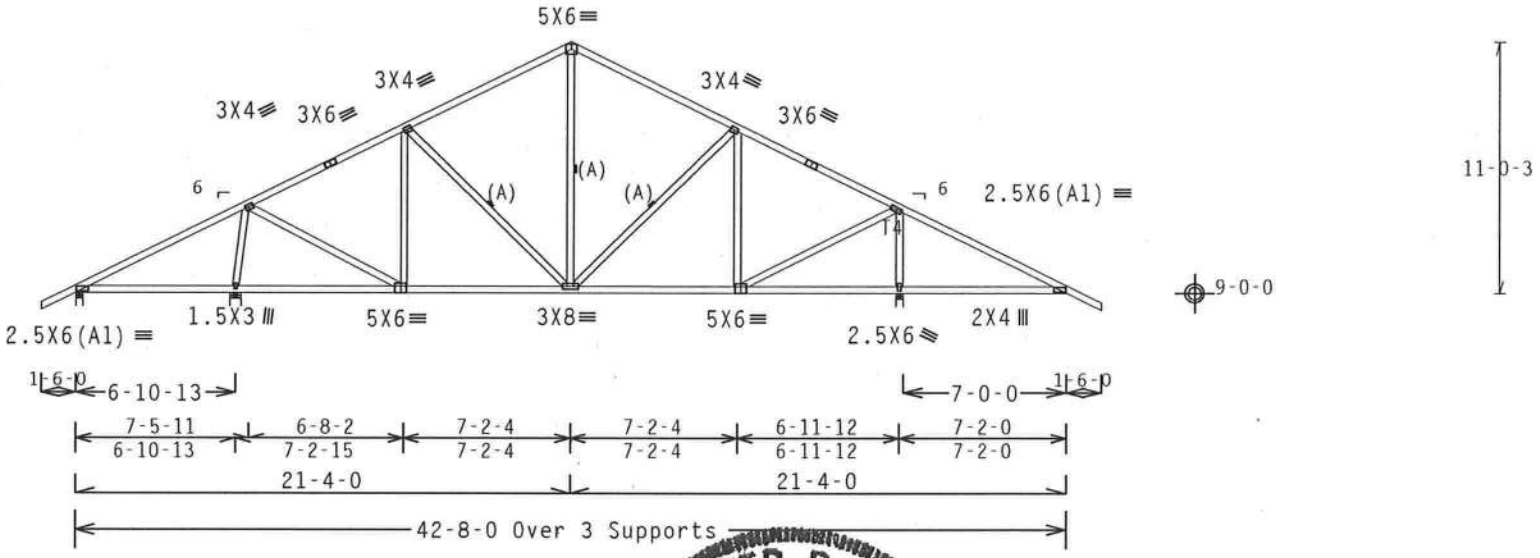
Deflection meets L/240 live and L/180 total load.

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.

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

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



R=350 U=15 W=3.5"
RL=267/-267 R=1408 U=0 W=5.657"
R=195 U=0 W=4"

Design Crit: FBC2007Res/TPI-2002 (STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0 9.[illegible]17 TY: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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07/20/2011

TC LL	20.0 PSF	REF	R487-- 93019
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201002
BC LL	0.0 PSF	HC-ENG	DF/AP
TOT.LD.	40.0 PSF	SEQN-	205629
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - H7A)

Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP SS:
Bot chord 2x6 SP SS
Webs 2x4 SP #3 :W5, W7 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

Left cantilever is exposed to wind

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

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

Brg blocks:0.131"x3" nails

brg	x-loc	#blocks	length/blk	#nails/blk	wall plate
1	8.000'	1	12"	4	Rigid Surface

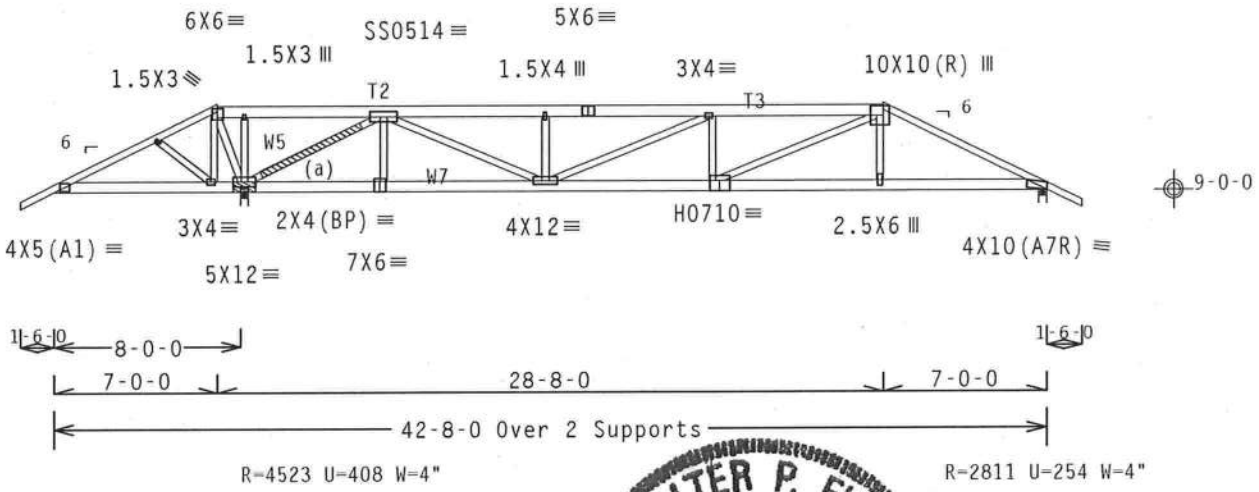
Brg block to be same size and species as bottom chord.
Refer to drawing CNNAILSP0109 for more information.

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

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

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



PLT TYP. 20 Gauge HS,18 Gauge HS, Wave Design Crit: FBC2007Res/TPI-2002 (STD) FT/RT=10%(0%)/0(0) 10.03.04.0601.17 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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07/20/2011

TC LL	20.0 PSF	REF R487-- 93020
TC DL	10.0 PSF	DATE 07/20/11
BC DL	10.0 PSF	DRW HCUSR487 11201004
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 215762
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - H9A)

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

Roof overhang supports 2.00 psf soffit load.

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

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

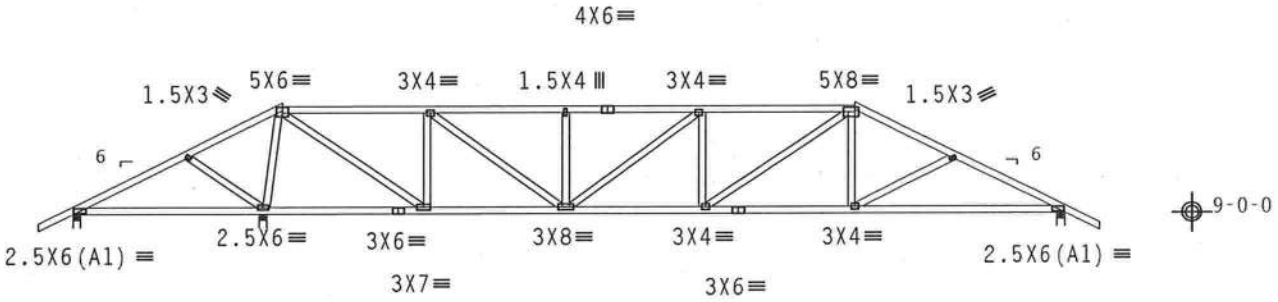
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

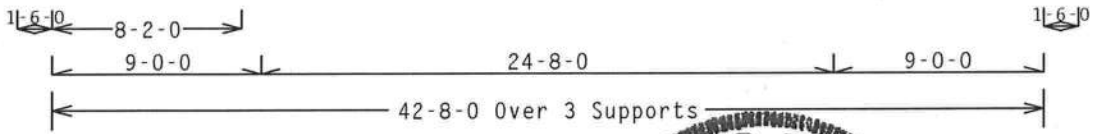
Negative reaction(s) of -218# MAX. (See below) from a non-wind load case requires uplift connection.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 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.





R=-219 Rw=63 U=102 W=3.5"
RL=131/-131

R=2561 U=257 W=3.5"

R=1373 U=140 W=4"

Design Crit: FBC2007Res/TPI-2002(STD) 9.05.08.0848.17 QTY:1 FL/-/4/-/-/R/-

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

PLT TYP. Wave

Scale =.125"/Ft.

WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/20/2011

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

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TC LL	20.0 PSF	REF	R487-- 93021
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201017
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	207064
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - H11A)

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

Roof overhang supports 2.00 psf soffit load.

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

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

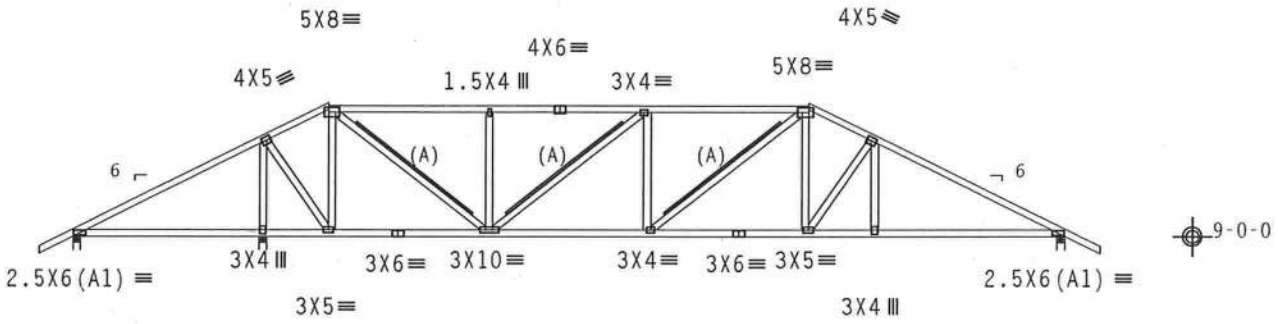
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

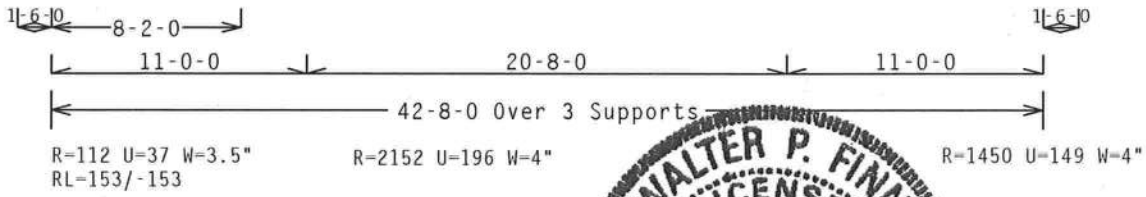
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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) 9.[illegible]17 TY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/20/2011

ALPINE
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Haines City, FL 33844
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TC LL	20.0 PSF	REF	R487-- 93022
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201021
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	207078
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - H13A)

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

Roof overhang supports 2.00 psf soffit load.

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

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

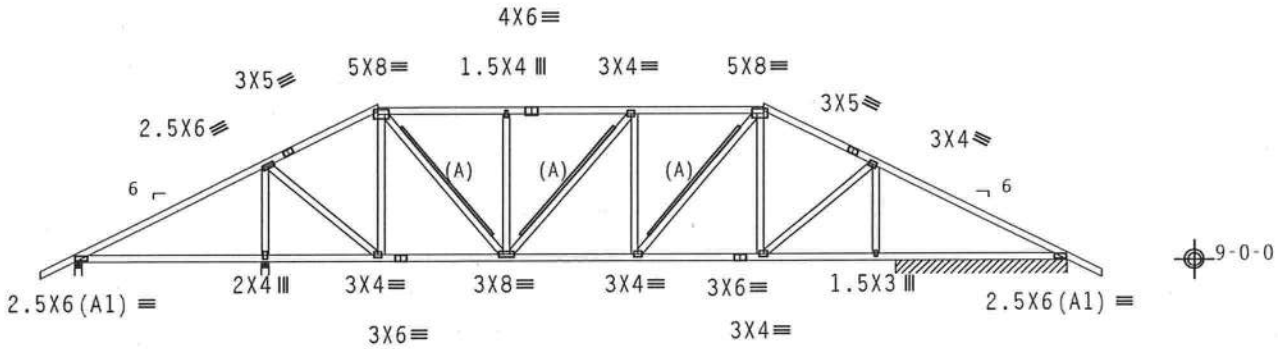
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

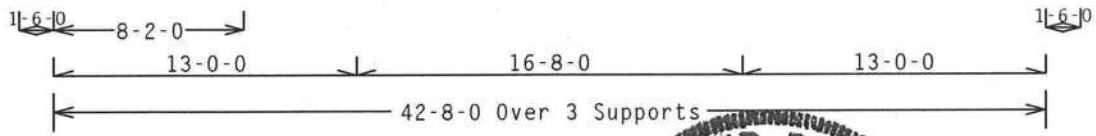
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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





R=317 U=46 W=3.5"
RL=175/-175 R=1733 U=159 W=4"

U=22 PLF W=7-4-0

Design Crit: FBC2007Res/TPI-2002(STD) 9.03.2010.17 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

PLT TYP. Wave

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

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07/20/2011

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

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TC LL	20.0 PSF	REF	R487-- 93023
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201022
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	207091
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - H15A)

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

Roof overhang supports 2.00 psf soffit load.

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

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

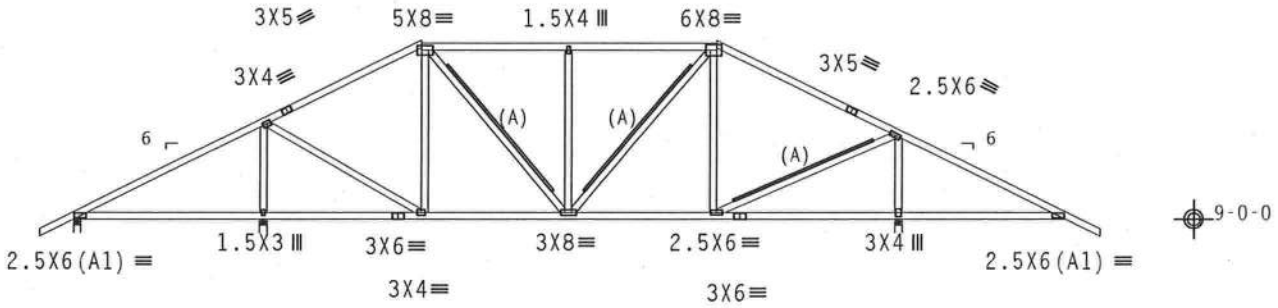
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

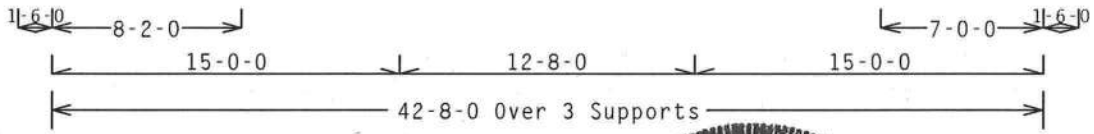
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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





R=442 U=0 W=3.5"
RL=196/-197 R=1353 U=35 W=4"
U=59 W=4"

Design Crit: FBC2007Res/TPI-2002(STD) 9 05.03 0319.14

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

WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/20/2011

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

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TC LL	20.0 PSF	REF	R487-- 93024
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201023
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	207097
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - H17A)

Top chord 2x4 SP #2 Dense :T5 2x4 SP #1:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

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

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

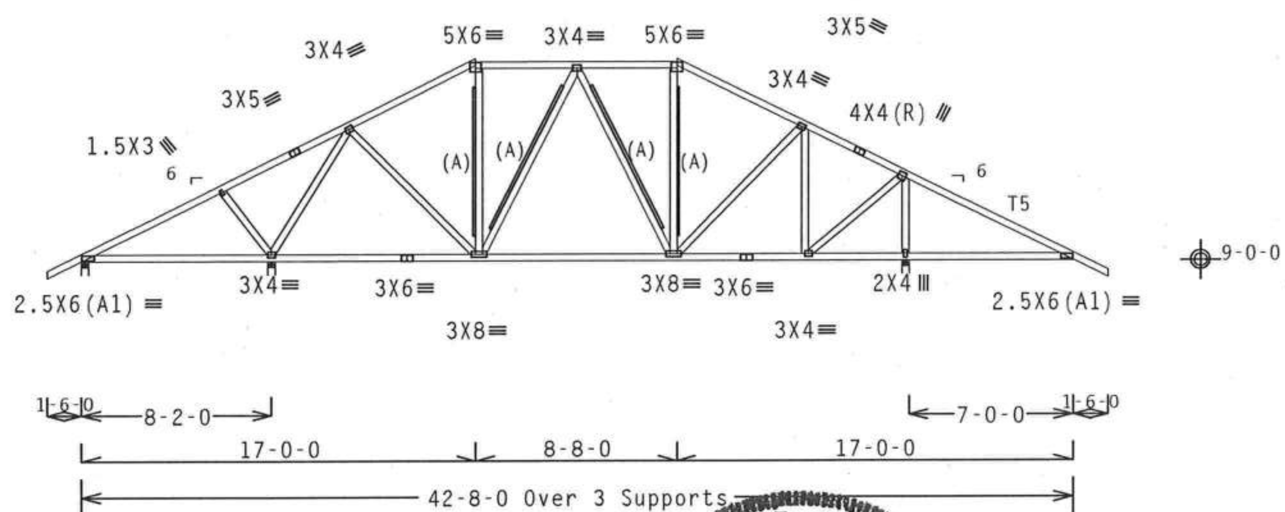
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

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.

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

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



R=366 U=2 W=3.5"
RL=219/-219 R=1452 U=0 W=4" R=189 U=0 W=4"

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0) 9.0.0317 QTY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.125"/Ft.

TC LL	20.0 PSF	REF	R487-- 93025
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201024
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	207109
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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WALTER P. FINN LICENSE No. 22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/20/2011

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

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - H19A)

Top chord 2x4 SP #2 Dense :T5 2x4 SP #1:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Right cantilever is exposed to wind

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.

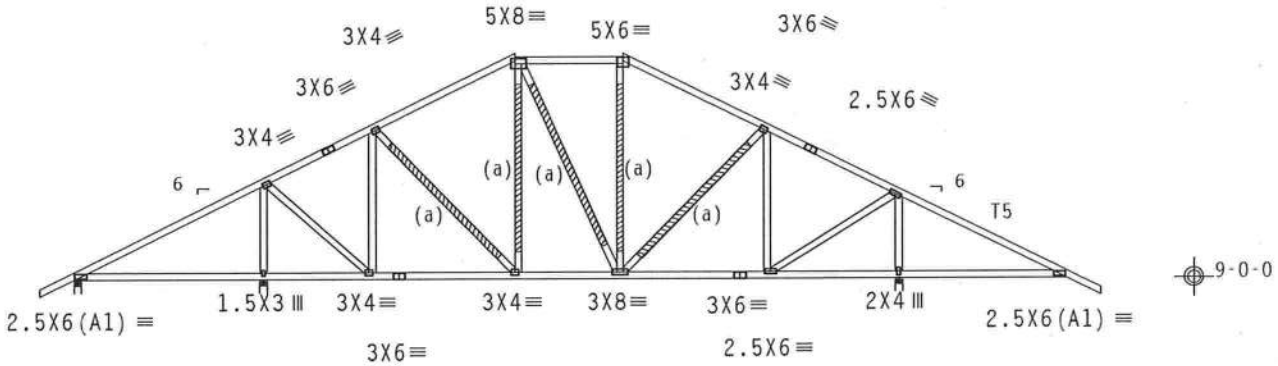
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 13.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

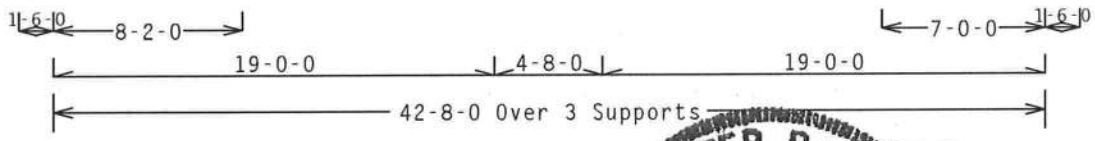
Wind reactions based on MWFRS pressures.

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

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

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





R=464 U=0 W=3.5"
RL=241/-241 R=1326 U=0 W=4"

R=1926 U=0 W=4"

Design Crit: FBC2007Res/TPI-2002(STD) 10 [illegible].17 TY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

PLT TYP. Wave FT/RT=10%(0%)/0(0

WALTER P. FINN LICENSE No. 22809 STATE OF FLORIDA PROFESSIONAL ENGINEER
07/20/2011

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

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TC LL	20.0 PSF	REF	R487-- 93026
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201005
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	215772
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - H21A)

Top chord 2x4 SP #2 Dense :T5 2x4 SP #1:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Right cantilever is exposed to wind

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.

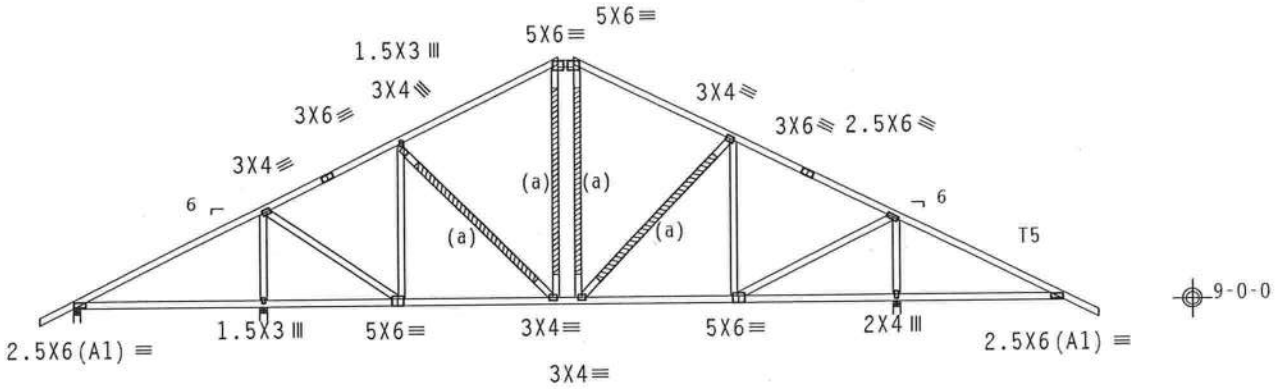
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 13.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

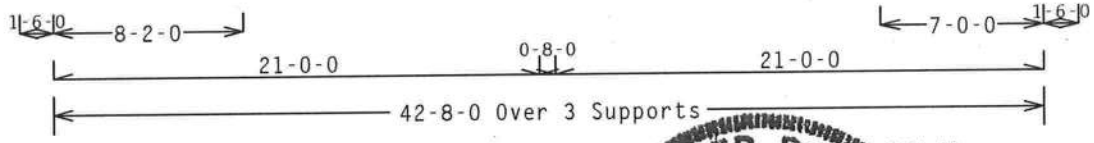
Wind reactions based on MWFRS pressures.

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

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

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





R=426 U=15 W=3.5"
RL=263/-263 R=1374 U=25 W=4"

R=1914 U=0 W=4"

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

10.03.04.0601.1 QTY:1 FL/-/4/-/-/R/-

Scale =.125"/Ft.

PLT TYP. Wave

WALTER P. FINN LICENSE NO.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/20/2011

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

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TC LL	20.0 PSF	REF	R487-- 93027
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201006
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	215782
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - HM7A)

Top chord 2x6 SP SS :T1 2x4 SP #2 Dense:
Bot chord 2x6 SP SS
Webs 2x4 SP #3 :W2 2x4 SP #2 Dense:
:W8 2x4 SP #1:

Roof overhang supports 2.00 psf soffit load.

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

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

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

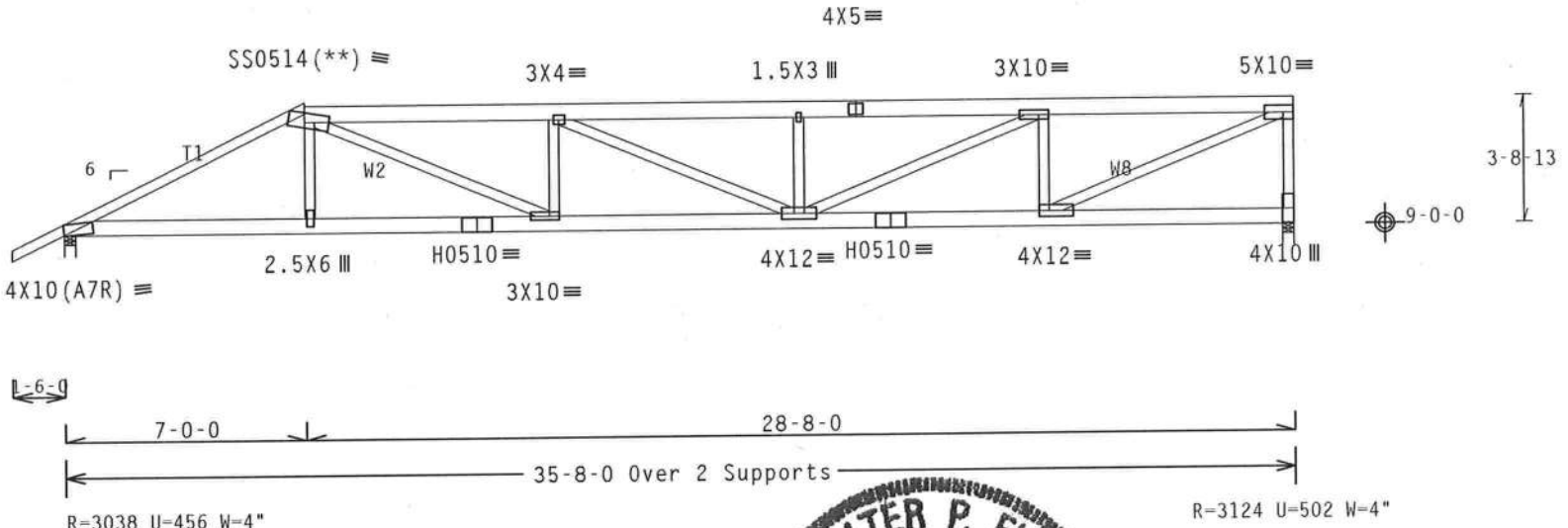
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 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.



PLT TYP. 20 Gauge HS,18 Gauge HS, Wave

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

9.05.03.0310.17

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

Scale =.1875"/Ft.

ALPINE
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FL COA #0 278

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07/20/2011

TC LL	20.0 PSF	REF	R487-- 93028
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201016
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	206902
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - HM9A)

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.

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

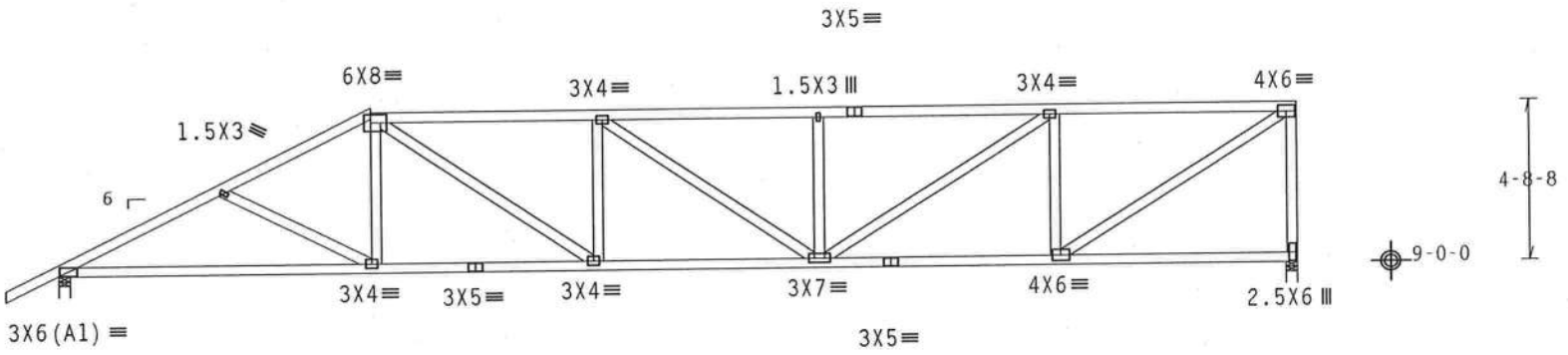
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

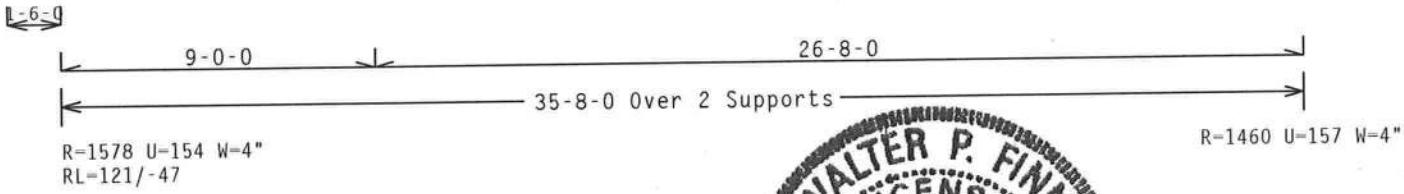
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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) 9 05.03.0319.17 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

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

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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/20/2011

TC LL	20.0 PSF	REF	R487-- 93029
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201020
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	206923
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - HM11A)

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

Roof overhang supports 2.00 psf soffit load.

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

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

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

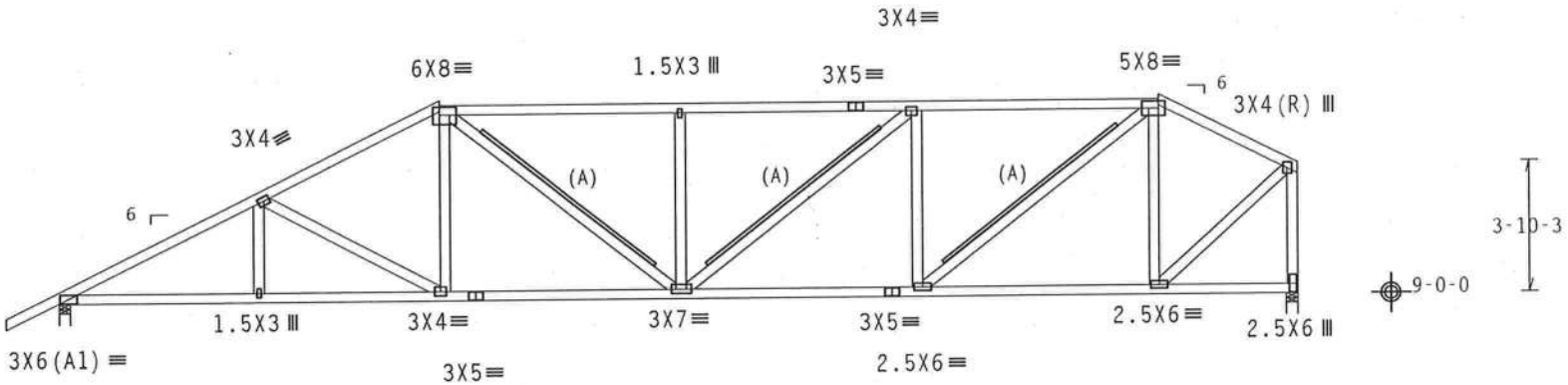
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

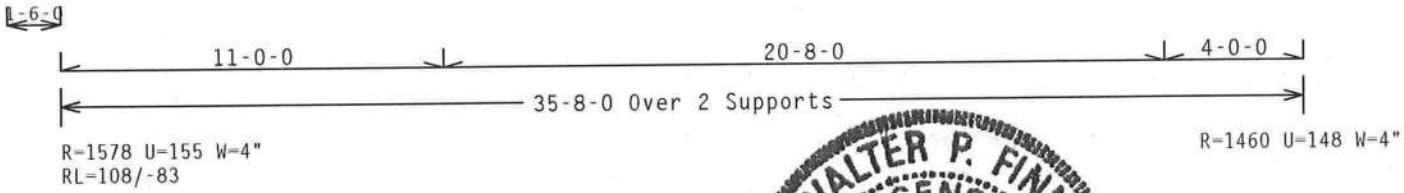
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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





Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)
9-05-03-0319.17
QTY:1 FL/-/4/-/-/R/-
Scale =.1875"/Ft.

PLT TYP. Wave

WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
07/20/2011

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

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

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TC LL	20.0	PSF	REF R487-- 93030
TC DL	10.0	PSF	DATE 07/20/11
BC DL	10.0	PSF	DRW HCUSR487 11201013
BC LL	0.0	PSF	HC-ENG JB/AP *
TOT.LD.	40.0	PSF	SEQN- 206931
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - HM13A)

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

Roof overhang supports 2.00 psf soffit load.

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

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

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

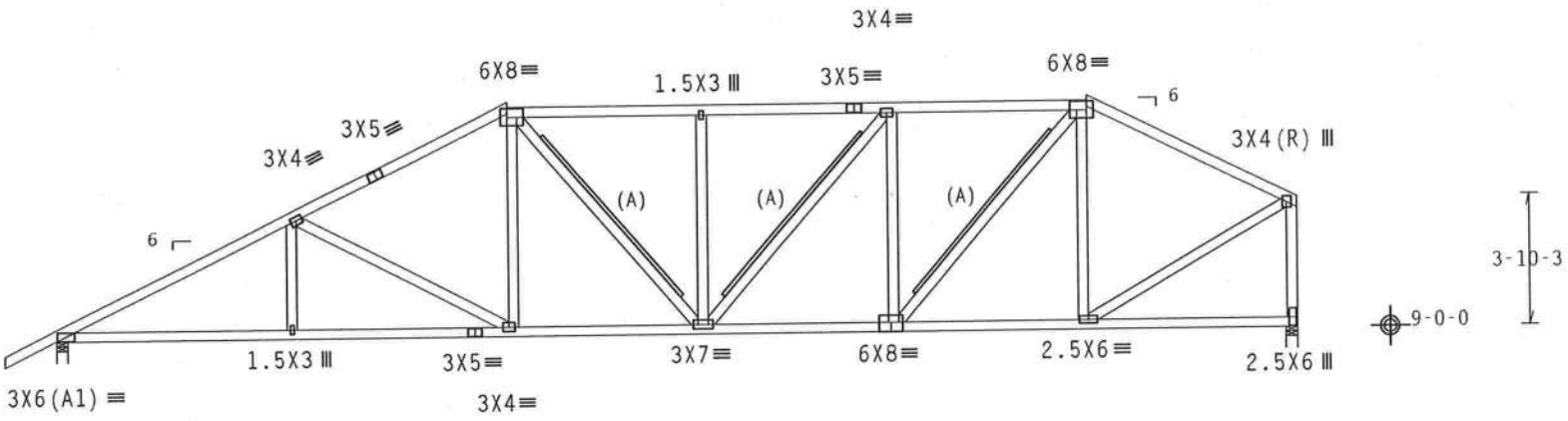
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

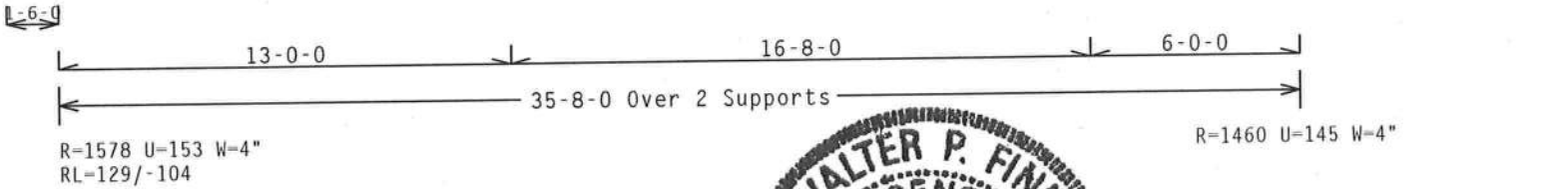
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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





Design Crit: FBC2007Res/TPI-2002(STD) 9.05.03.0319.1 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

PLT TYP. Wave FT/RT=10%(0%)/0(0)

WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/20/2011

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

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TC LL	20.0 PSF	REF	R487-- 93031
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201014
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	206957
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - HM15A)

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

Roof overhang supports 2.00 psf soffit load.

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

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

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

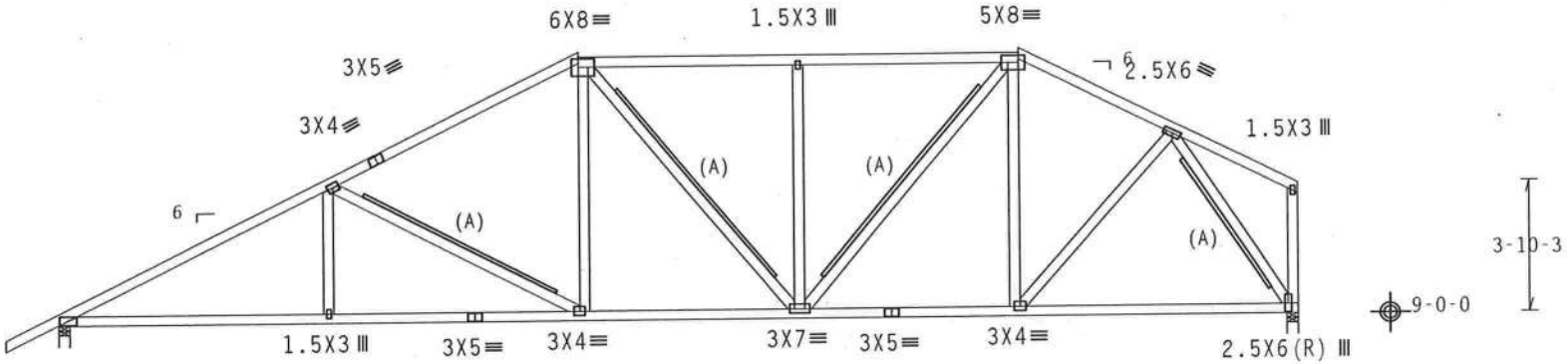
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

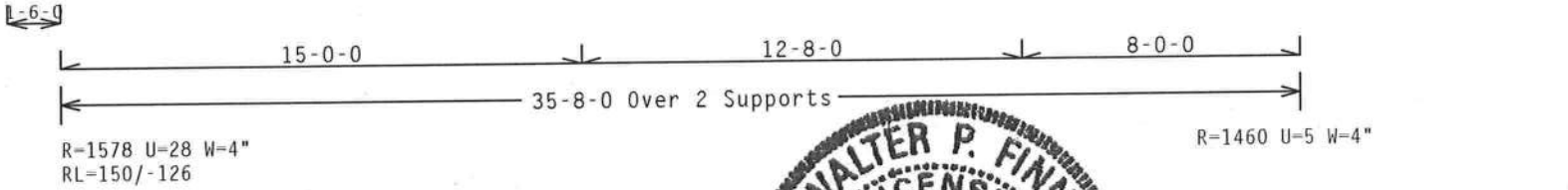
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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





Design Crit: FBC2007Res/TPI-2002(STD) 9.05.03.0318.17 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

PLT TYP. Wave

WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/20/2011

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

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TC LL	20.0 PSF	REF	R487-- 93032
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201015
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	206965
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - HM17A)

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

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

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

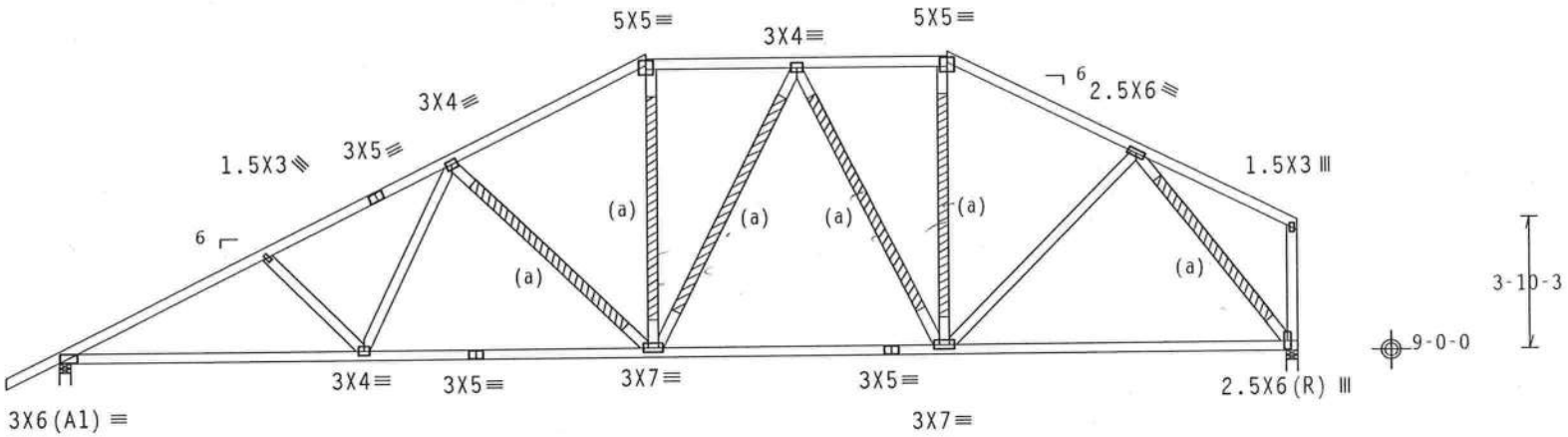
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

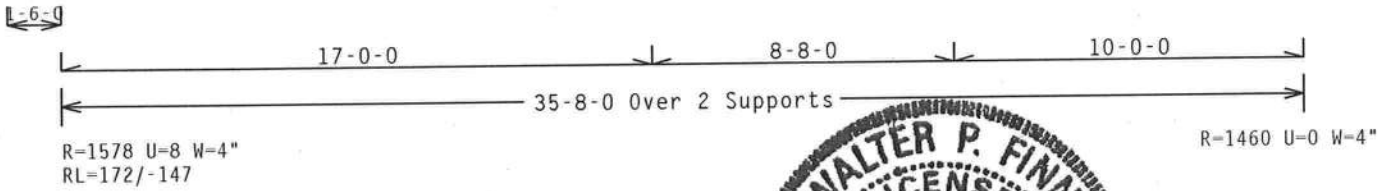
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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





Design Crit: FBC2007Res/TPI-2002(STD) 10.03.04.0601.17 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

PLT TYP. Wave

WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/20/2011

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

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TC LL	20.0 PSF	REF	R487-- 93033
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201001
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	215804
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - HM19A)

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

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

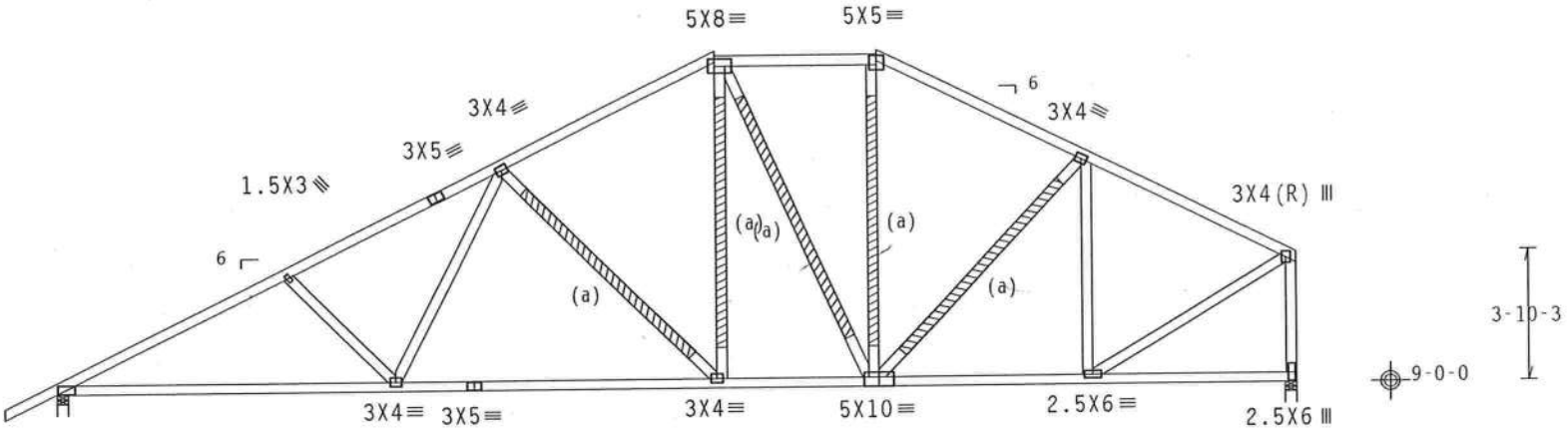
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

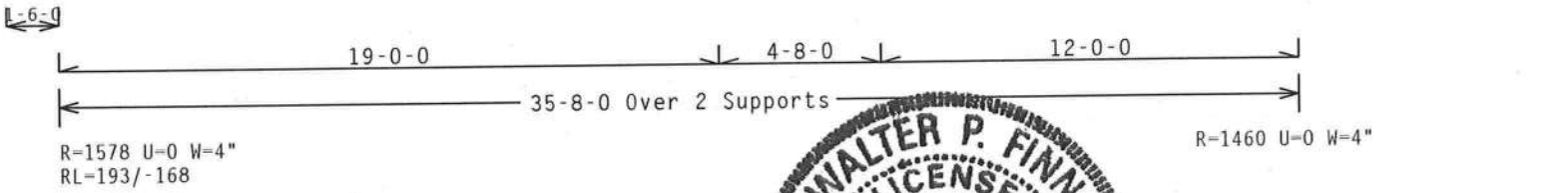
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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





Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0
10 .0 .17
TY:1 FL/-/4/-/-/R/-
Scale =.1875"/Ft.

PLT TYP. Wave

WALTER P. FINN LICENSE No. 62039 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/20/2011

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

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TC LL	20.0 PSF	REF	R487-- 93034
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201002
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	215808
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - HM21A)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W4, W5 2x4 SP #1:

Roof overhang supports 2.00 psf soffit load.

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

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

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

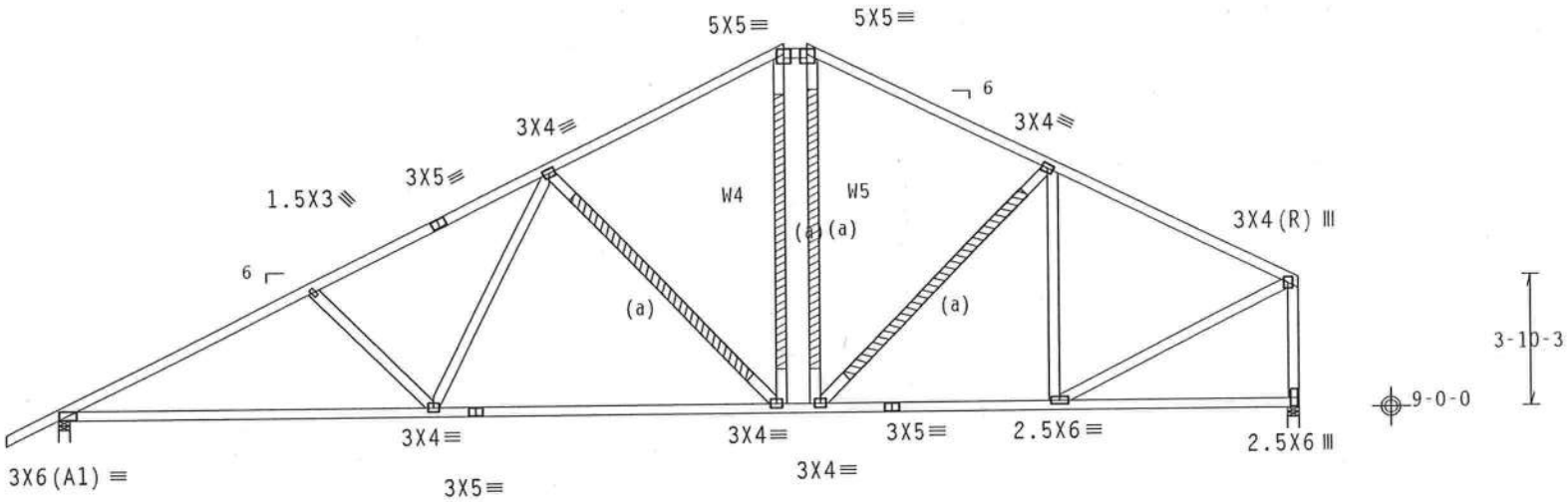
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 9.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

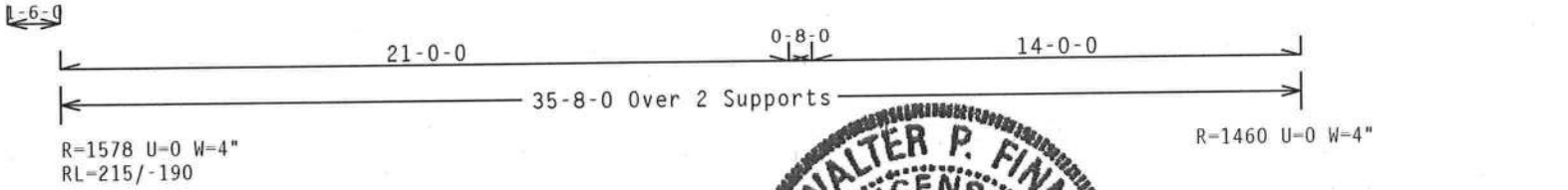
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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





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

10.03.04.0601.17 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

PLT TYP. Wave

07/20/2011

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

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TC LL	20.0 PSF	REF	R487-- 93035
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201003
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	215812
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - B)

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

Roof overhang supports 2.00 psf soffit load.

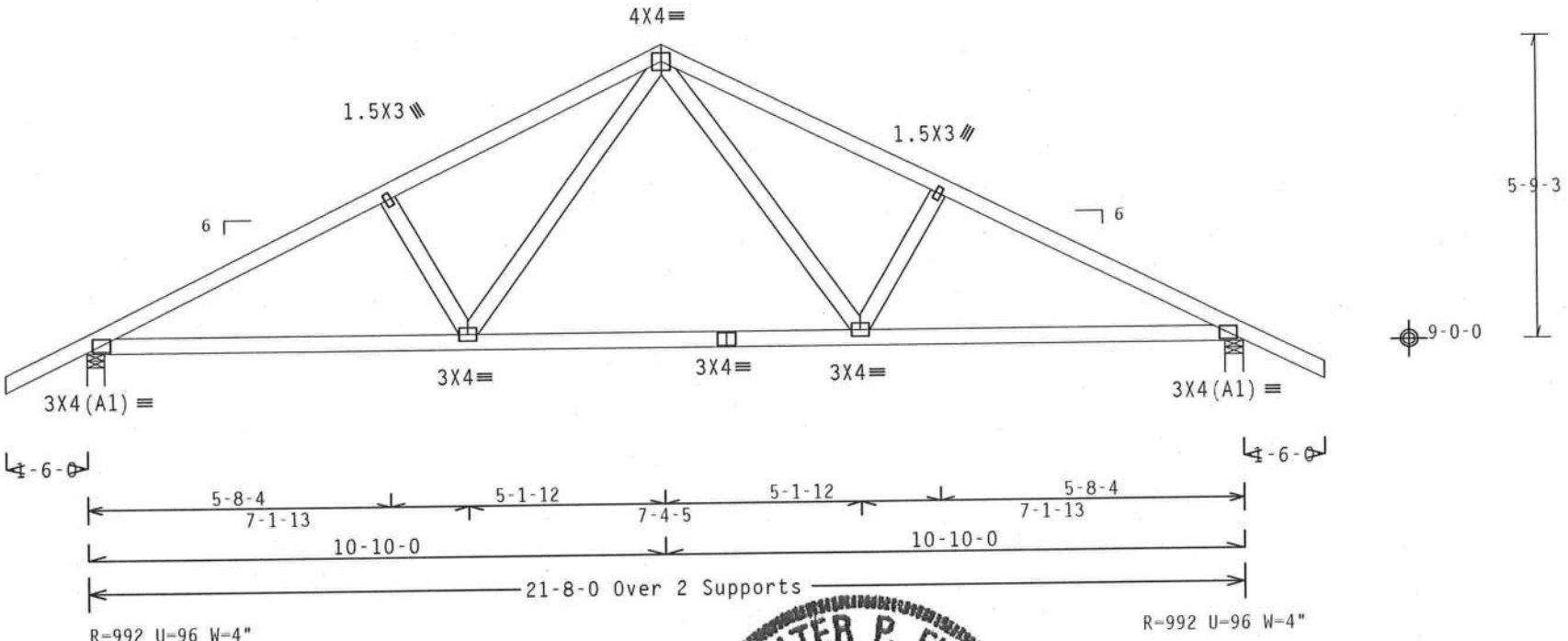
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 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) 9 05 03 0319 17 QTY:3 FL/-/4/-/-/R/- Scale =.3125"/Ft.
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/20/2011

ALPINE
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TC LL	20.0 PSF	REF	R487-- 93036
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201011
BC LL	0.0 PSF	HC-ENG	DF/AP *
TOT.LD.	40.0 PSF	SEQN-	205399
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - 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.

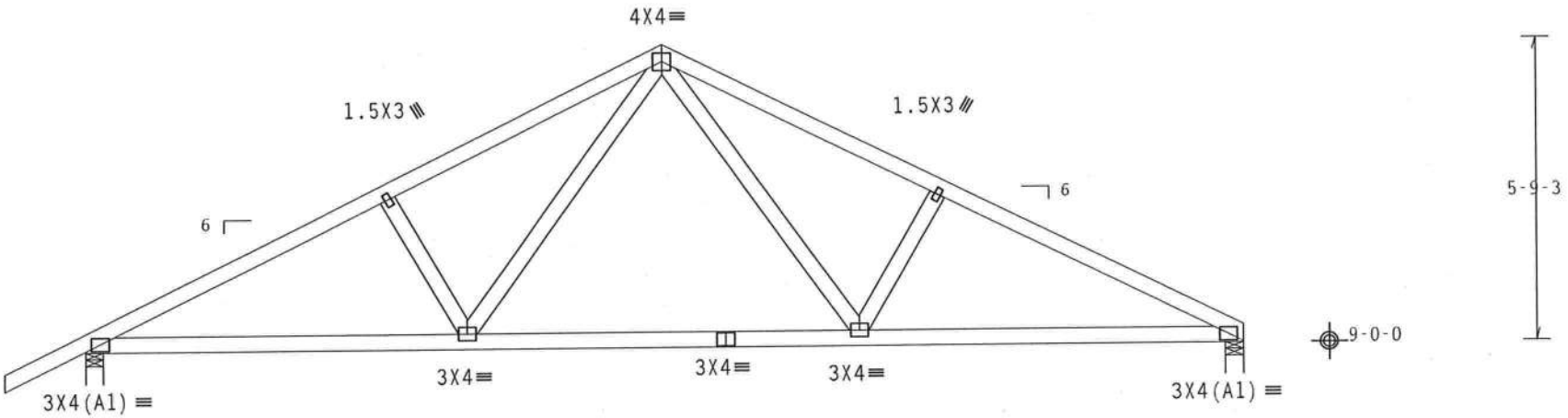
Bottom chord checked for 10.00 psf non-concurrent live load.

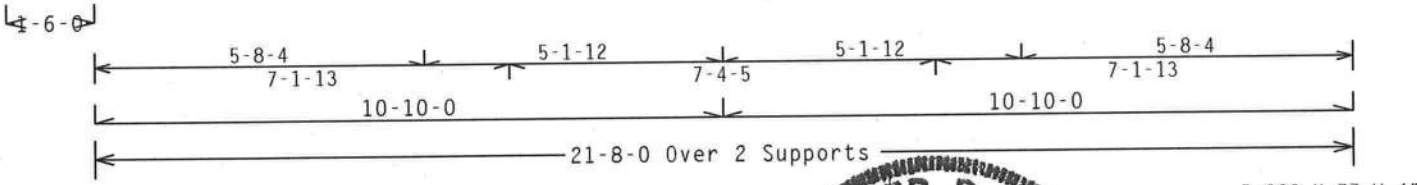
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

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

Wind reactions based on MWFRS pressures.

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





R=997 U=97 W=4"
RL=123/-130

R=888 U=77 W=4"

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

9.05.03.0318.17 QTY:4 FL/-/4/-/-/R/- Scale =.3125"/Ft.

PLT TYP. Wave

WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/20/2011

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

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

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

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TC LL	20.0 PSF	REF	R487-- 93037
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201009
BC LL	0.0 PSF	HC-ENG	DF/AP *
TOT.LD.	40.0 PSF	SEQN-	205404
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - H7B)

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

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

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

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

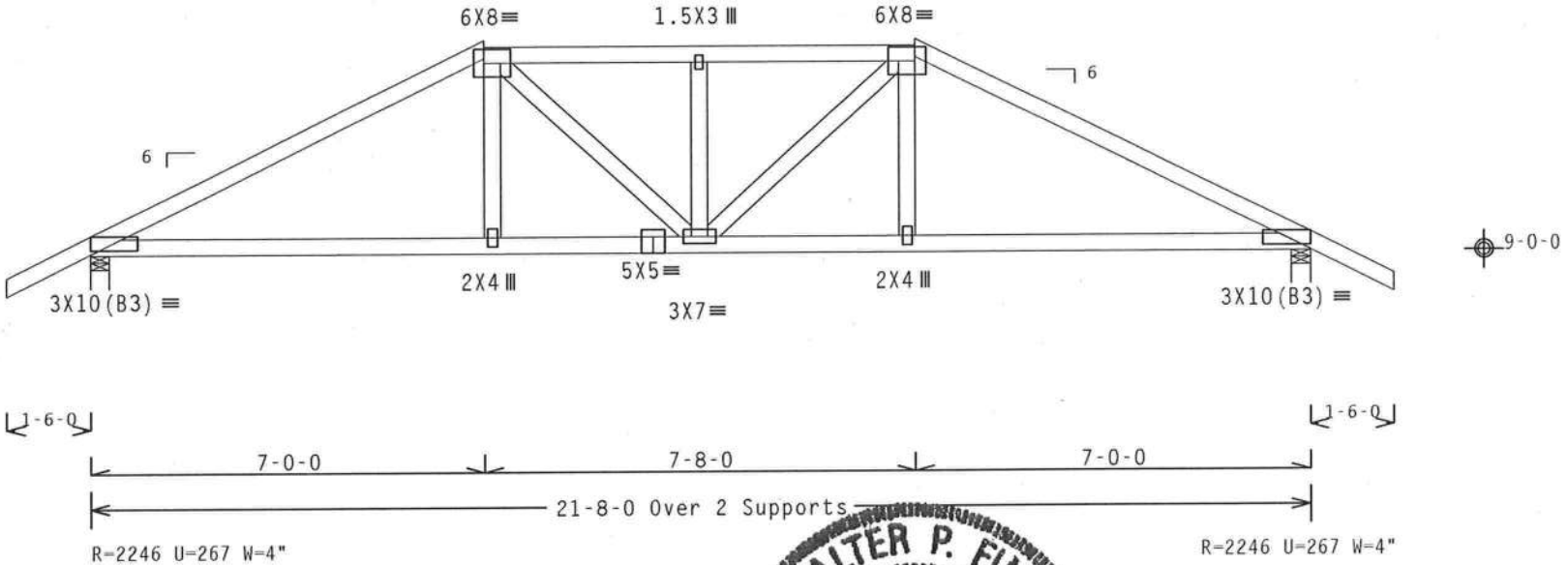
#1 hip supports 7-0-0 jacks with no webs.

Special loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)

TC- From	62 plf at	-1.50 to	62 plf at	7.00
TC- From	31 plf at	7.00 to	31 plf at	14.67
TC- From	62 plf at	14.67 to	62 plf at	23.17
BC- From	4 plf at	-1.50 to	4 plf at	0.00
BC- From	20 plf at	0.00 to	20 plf at	7.03
BC- From	10 plf at	7.03 to	10 plf at	14.64
BC- From	20 plf at	14.64 to	20 plf at	21.67
BC- From	4 plf at	21.67 to	4 plf at	23.17

TC- 432.99 lb Conc. Load at 7.03,14.64
TC- 187.31 lb Conc. Load at 9.06,10.83,12.60
BC- 504.06 lb Conc. Load at 7.03,14.64
BC- 128.66 lb Conc. Load at 9.06,10.83,12.60

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



Design Crit: FBC2007Res/TPI-2002(STD) 9.0 03 17 TY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

PLT TYP. Wave FT/RT=10%(0%)/0(0

WALTER P. FINN LICENSE No. 22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/20/2011

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

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TC LL	20.0 PSF	REF	R487-- 93038
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201018
BC LL	0.0 PSF		HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN-	206873
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - 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.

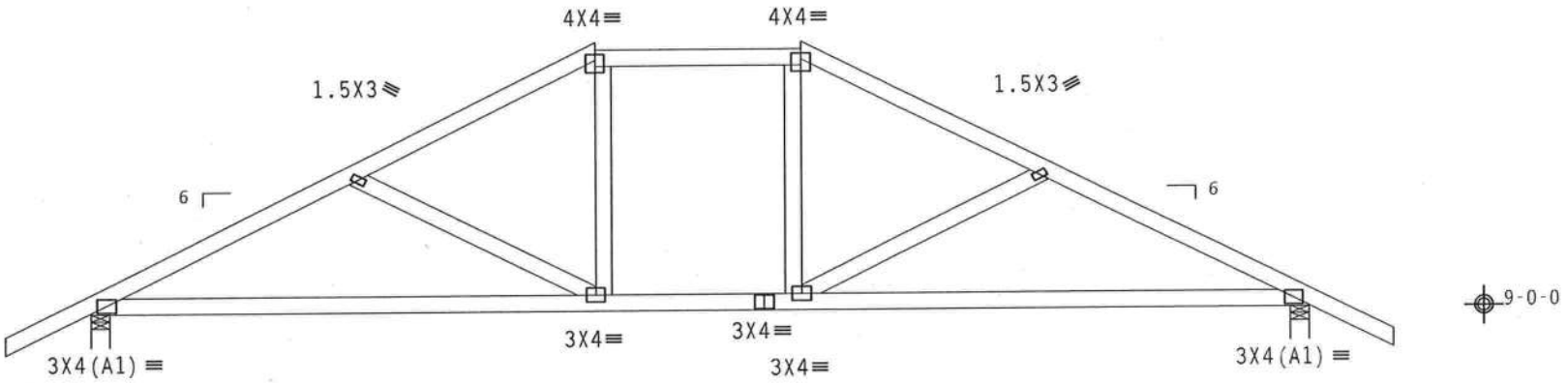
Deflection meets L/240 live and L/180 total load.

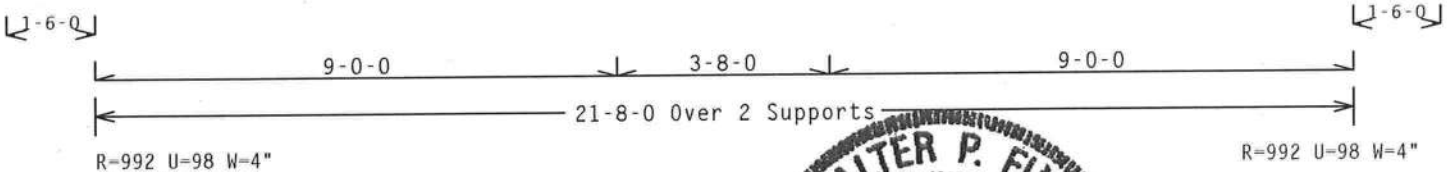
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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





R=992 U=98 W=4"
RL=123/-123

R=992 U=98 W=4"

Design Crit: FBC2007Res/TPI-2002(STD) 9.[illegible]17 QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

PLT TYP. Wave FT/RT=10%(0%)/0(0

WALTER P. FINN LICENSE No. 22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/20/2011

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

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TC LL	20.0 PSF	REF	R487-- 93039
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201012
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	206881
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - EJ7)

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

Roof overhang supports 2.00 psf soffit load.

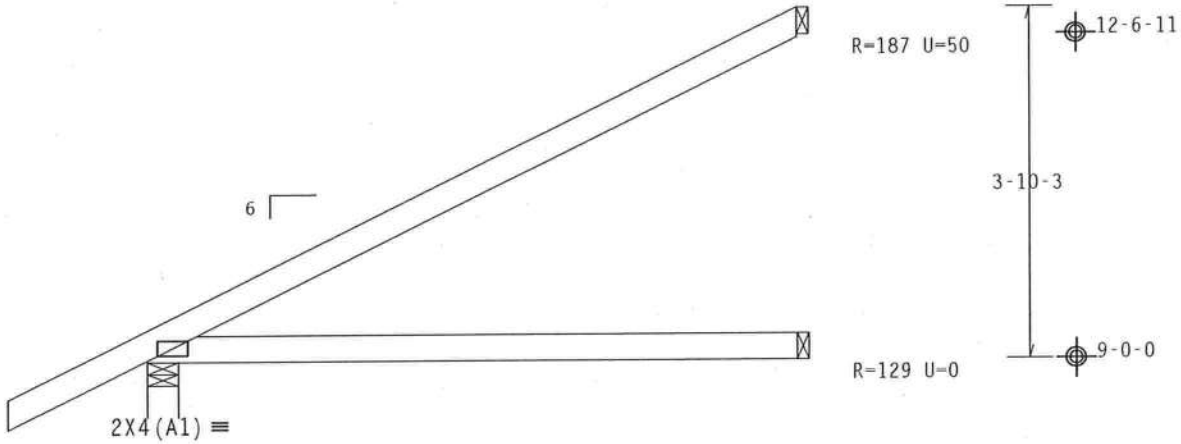
Bottom chord checked for 10.00 psf non-concurrent live load.

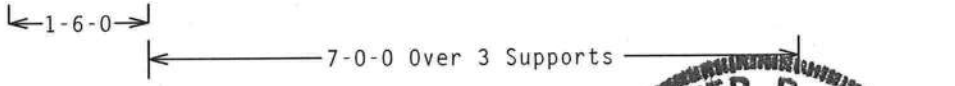
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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

Wind reactions based on MWFRS pressures.

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





R=408 U=25 W=4"
RL=98/-37

Design Crit: FBC2007Res/TPI-2002(STD) 9.[illegible]17 QTY:37 FL/-/4/-/-/R/-

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

PLT TYP. Wave

Scale =.5"/Ft.

WALTER P. FINN LICENSE No.22819 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/20/2011

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

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TC LL	20.0 PSF	REF	R487-- 93040
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201007
BC LL	0.0 PSF		HC-ENG DF/AP
TOT.LD.	40.0 PSF	SEQN-	205366
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - CJ5)

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

Roof overhang supports 2.00 psf soffit load.

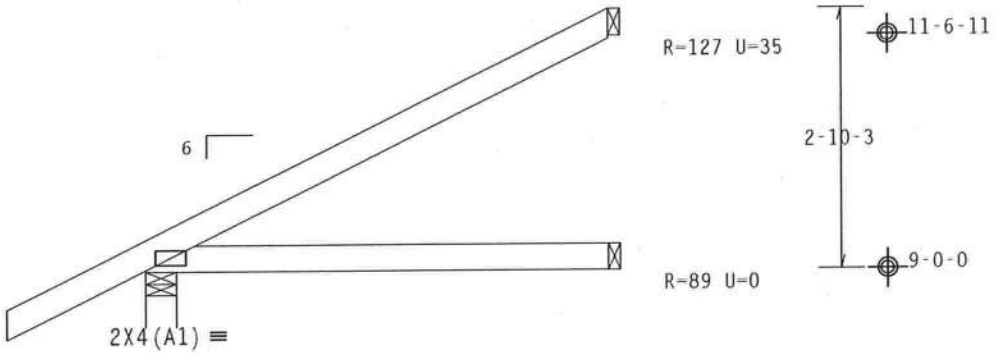
Bottom chord checked for 10.00 psf non-concurrent live load.

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: FBC2007Res/TPI-2002(STD) 9.05.08.0818.17 QTY:10 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

WALTER P. FINN LICENSE No.42839 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/20/2011

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

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TC LL	20.0 PSF	REF	R487-- 93041
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201001
BC LL	0.0 PSF		HC-ENG DF/AP
TOT.LD.	40.0 PSF	SEQN-	205369
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - CJ3)

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

Roof overhang supports 2.00 psf soffit load.

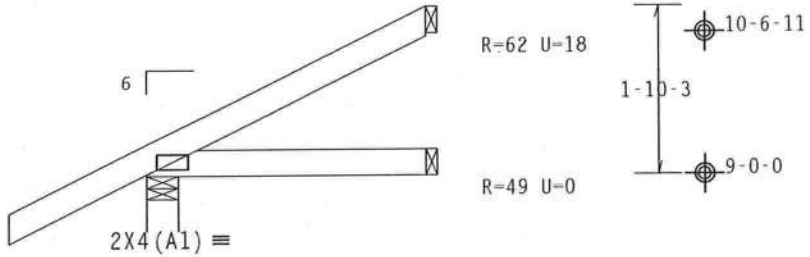
Bottom chord checked for 10.00 psf non-concurrent live load.

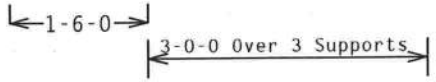
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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

Wind reactions based on MWFRS pressures.

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





R=262 U=26 W=4"
RL=52/-27

Design Crit: FBC2007Res/TPI-2002(STD) 9.05.08.0818.17 QTY:10 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/20/2011

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

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TC LL	20.0 PSF	REF	R487-- 93042
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201006
BC LL	0.0 PSF		HC-ENG DF/AP *
TOT.LD.	40.0 PSF	SEQN-	205372
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - CJ1)

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

Roof overhang supports 2.00 psf soffit load.

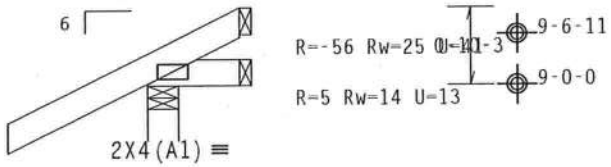
Bottom chord checked for 10.00 psf non-concurrent live load.

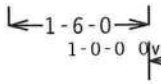
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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

Wind reactions based on MWFRS pressures.

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





R=254 U=49 W=4"
RL=28/-22

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave

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

9.0[illegible]17

TY:10 FL/-/4/-/-/R/-

Scale =.5"/Ft.

WALTER P. FINN LICENSE No.22639 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/20/2011

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

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TC LL	20.0 PSF	REF	R487-- 93043
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201005
BC LL	0.0 PSF		HC-ENG DF/AP
TOT.LD.	40.0 PSF	SEQN-	205375
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - HJ7)

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

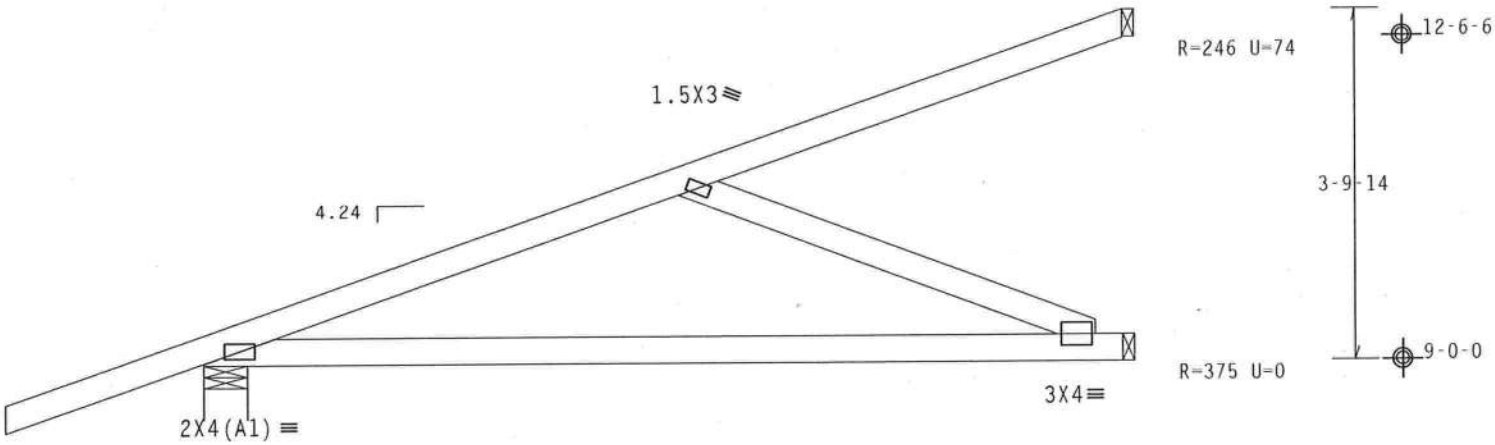
Hipjack supports 7-0-0 setback jacks with no webs.

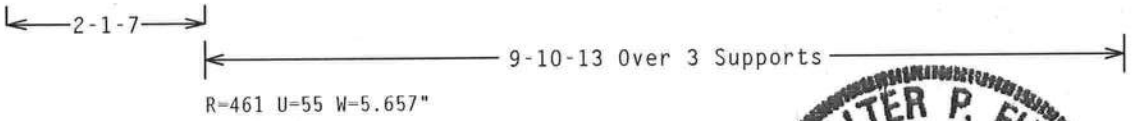
Deflection meets L/240 live and L/180 total load.

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.

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





Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave

FT/RT=10%(0%)/0(0) 9.05.03.0319.17 QTY:5 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
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WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/20/2011

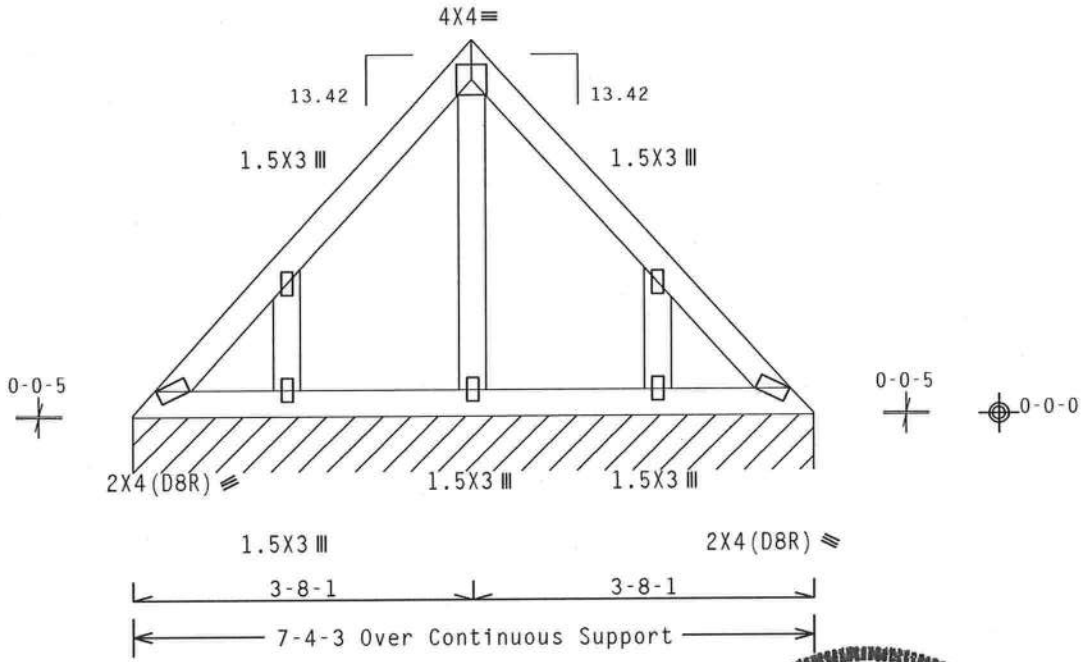
TC LL	20.0 PSF	REF	R487-- 93044
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201008
BC LL	0.0 PSF		HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN-	206828
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - PF2)

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

NOTE: THIS DESIGN IS NOT TO BE USED AS A ROOF TRUSS. IT IS ONLY TO BE USED AS A ROOF HIP FRAME.
SEE DETAIL HIPFRAME0109 FOR MORE INFORMATION.



Design Crit: FBC2007Res/TPI-2007 STD
FT/RT=10%(0%)/0(0)
9.05.03.0319.1*

QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave

WALTER P. FINN LICENSE No. 22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
07/20/2011

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

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TC LL	20.0 PSF	REF	R487-- 93045
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201010
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	206849
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

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

(11-113--Fill in later EDGLEY CONSTRUCTION/BAKER -- , ** - PF1)

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

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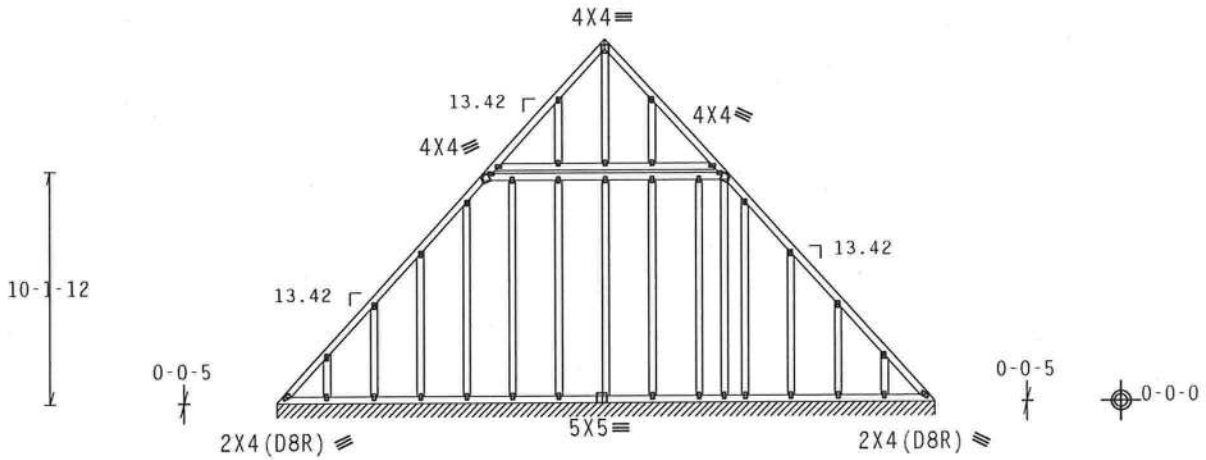

8-11-1	5-3-0	5-3-0	8-11-1
9-5-9	4-6-7	4-10-9	9-5-9

28-4-3 Over Continuous Support

Note: All Plates Are 1.5X3 Except As Shown.

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(STD)

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

9.05.03.0318.17

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

Scale =.125"/Ft.

WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/20/2011

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

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TC LL	20.0 PSF	REF	R487-- 93046
TC DL	10.0 PSF	DATE	07/20/11
BC DL	10.0 PSF	DRW	HCUSR487 11201019
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	206868
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UDS487_Z01

CLB WEB BRACE SUBSTITUTION

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

NOTES:

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

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

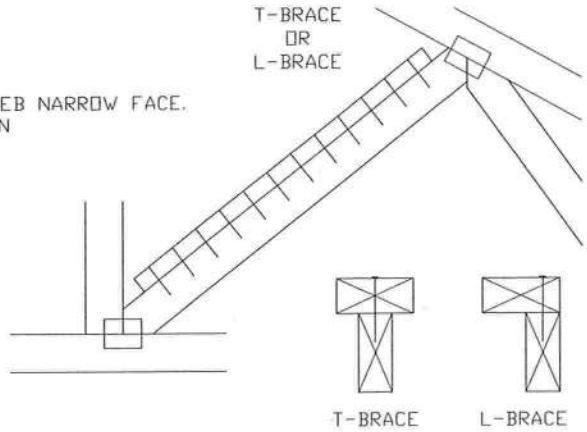
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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

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

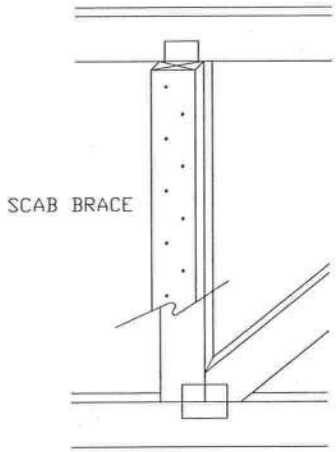
T-BRACING OR L-BRACING:

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



SCAB BRACING:

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



WALTER P. FINN
LICENSE
No. 22839
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
07/20/2011

ITW
Building Components Group Inc.

Earth City, MO 63045

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ITW-BCG: www.itwbcg.com; TPI: www.tpinst.com; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

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

NAIL SPACING DETAIL

MINIMUM SPACING FOR SINGLE BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

BLOCK LOCATION, SIZE, LENGTH,GRADE AND TOTAL NUMBER AND TYPE OF NAILS ARE TO BE SPECIFIED ON SEALED DESIGN REFERENCING THIS DETAIL.

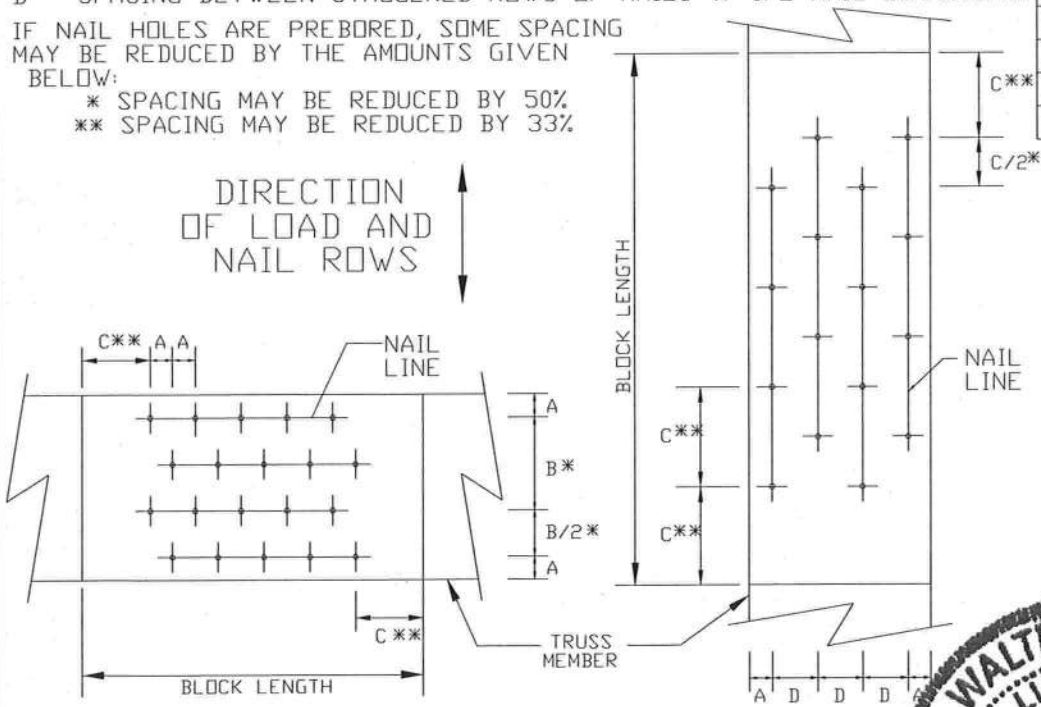
LOAD PERPENDICULAR TO GRAIN
A - EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)
B - SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)
C - END DISTANCE (15 NAIL DIAMETERS)

LOAD PARALLEL TO GRAIN
A - EDGE DISTANCE (6 NAIL DIAMETERS)
C - SPACING OF NAILS IN A ROW AND END DISTANCE (15 NAIL DIAMETERS)
D - SPACING BETWEEN STAGGERED ROWS OF NAILS (7 1/2 NAIL DIAMETERS)

IF NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW:
* SPACING MAY BE REDUCED BY 50%
** SPACING MAY BE REDUCED BY 33%

MINIMUM NAIL SPACING DISTANCES

NAIL TYPE	DISTANCES A	B*	C**	D
8d BOX (0.113"X 2.5",MIN)	3/4"	1 3/8"	1 3/4"	7/8"
10d BOX (0.128"X 3.",MIN)	7/8"	1 5/8"	2"	1"
12d BOX (0.128"X 3.25",MIN)	7/8"	1 5/8"	2"	1"
16d BOX (0.135"X 3.5",MIN)	7/8"	1 5/8"	2 1/8"	1 1/8"
20d BOX (0.148"X 4.",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
8d COMMON (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	1"
10d COMMON (0.148"X 3.",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
12d COMMON (0.148"X 3.25",MIN)	1"	1 7/8"	2 1/4"	1 1/8"
16d COMMON (0.162"X 3.5",MIN)	1'	2"	2 1/2"	1 1/4"
GUN (0.120"X 2.5",MIN)	3/4"	1 1/2"	1 7/8"	1"
GUN (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	1"
GUN (0.120"X 3.",MIN)	3/4"	1 1/2"	1 7/8"	1"
GUN (0.131"X 3.",MIN)	7/8"	1 5/8"	2"	1"



LOAD APPLIED PERPENDICULAR TO GRAIN LOAD APPLIED PARALLEL TO GRAIN

WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
09/20/2011

ITW Building Components Group Inc.
Earth City, MO 63045

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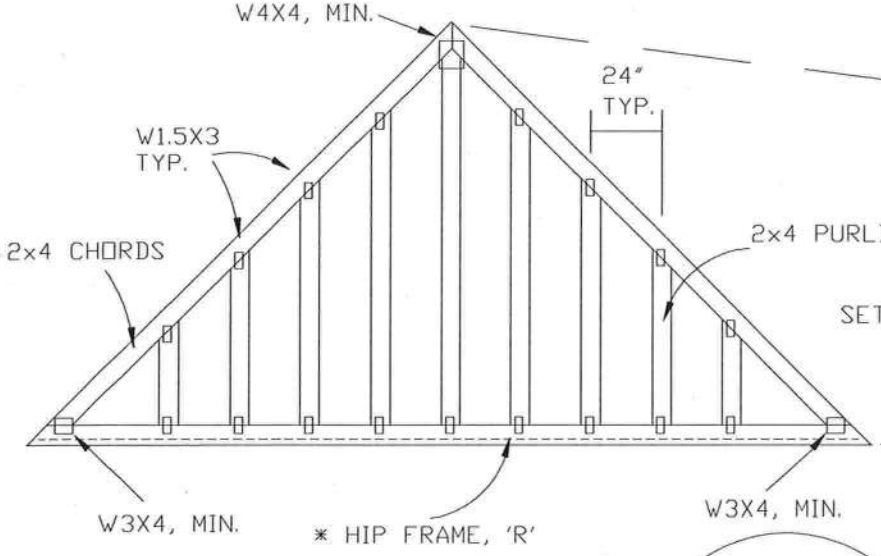
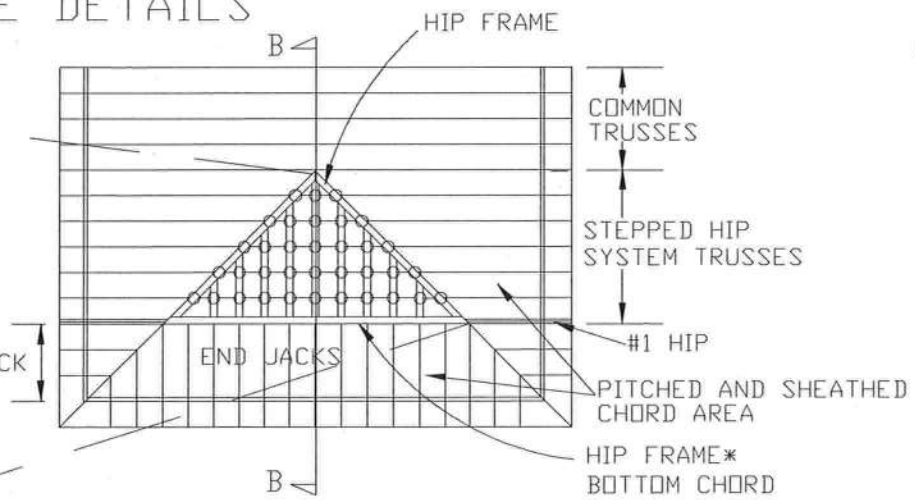
ITW-BCG: www.itwbcg.com; TPI: www.tpinst.com; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

REF	NAIL SPACE
DATE	1/1/09
DRWG	CNNAILSP0109

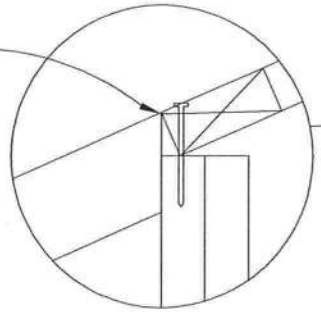
* HIP FRAME DETAILS





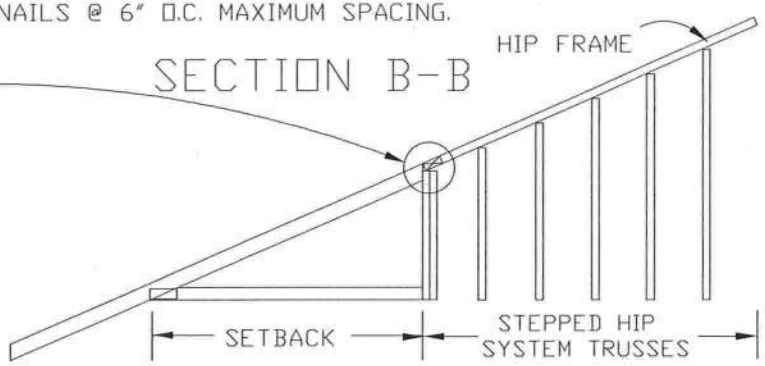
o- ATTACH HIP FRAME TO FLAT CHORDS OF STEPPED HIPS AT ALL OVERLAPPING POINTS WITH 2-10d (0.148"x3") COMMON NAILS. BOTTOM CHORD OF HIP FRAME TO BE ATTACHED TO #1 HIP WITH 10d COMMON (0.148"x3") NAILS @ 6" O.C. MAXIMUM SPACING.

HIP FRAME STOPS AT PLUMB CUT OF JACKS TO MAINTAIN PITCH CONTINUITY.



USE THIS DETAIL FOR ASCE 7-02 OR ASCE 7-05 WIND, 110 MPH, 30' MEAN HEIGHT, ENCLOSED BUILDING, EXP. C, RESIDENTIAL, WIND TC DL=4.2 PSF, Kzt=1.0

SECTION B-B



* HIP FRAME LUMBER IS SPF, SO. PINE, HF, OR DFL STANDARD, STUD GRADE, OR BETTER.

SEE ENGINEER'S SEALED DESIGN FOR SETBACK, LUMBER, PLATING, LOADING AND DURATION FACTOR REQUIRED.

'R' HIP FRAME CHORDS MAY BE TRIMMED UP TO 2" TO FIT. PURLINS MUST BE INTACT AND PROPERLY ATTACHED.

HIP FRAME - PROVIDED BY TRUSS MANUFACTURER.
FRAME IS DESIGNED TO PROVIDE BRACING FOR FLAT
OF CHORDS OF HIP FRAME SYSTEM WHERE INDICATED.
PANELS MUST BE PROPERLY ATTACHED DIRECTLY
PURLINS.

WALTER P. FINN LICENSE No. 22839 STATE OF FLORIDA PROFESSIONAL ENGINEER
SEP 20 '11
07/20/2011

ITW Building Components Group Inc.

Earth City, MO 63045

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REF	HIP FRAME
DATE	1/1/09
DRWG	HIPFRAME0109

Residential System Sizing Calculation

Summary

Baker, George & Kristy
284 SW Granite Ct.
Lake City, FL

Project Title:
1105064

Class 3 Rating
Registration No. 0
Climate: North

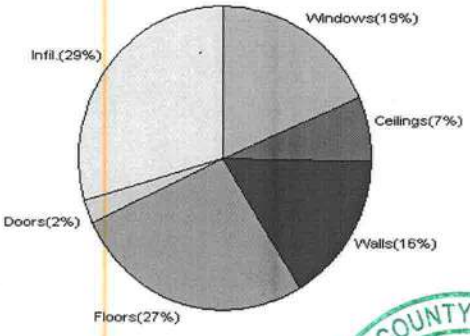
5/25/2011

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M) Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)					
Winter design temperature	33	F	Summer design temperature	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
Total heating load calculation	**31342**	**Btuh**	**Total cooling load calculation**	**30326**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	118.1	37000	Sensible (SHR = 0.75)	111.8	27750
Heat Pump + Auxiliary(0.0kW)	118.1	37000	Latent	167.7	9250
			Total (Electric Heat Pump)	122.0	37000

WINTER CALCULATIONS

Winter Heating Load (for 1874 sqft)

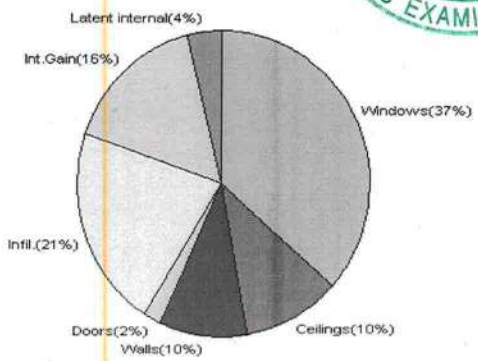
Load component			Load	
Window total	181	sqft	5836	Btuh
Wall total	1505	sqft	4942	Btuh
Door total	60	sqft	777	Btuh
Ceiling total	1874	sqft	2208	Btuh
Floor total	194	sqft	8470	Btuh
Infiltration	225	cfm	9109	Btuh
Duct loss			0	Btuh
Subtotal			**31342**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**31342**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1874 sqft)

Load component			Load	
Window total	181	sqft	11107	Btuh
Wall total	1505	sqft	3036	Btuh
Door total	60	sqft	588	Btuh
Ceiling total	1874	sqft	3103	Btuh
Floor total			0	Btuh
Infiltration	118	cfm	2197	Btuh
Internal gain			4780	Btuh
Duct gain			0	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**24812**	**Btuh**
Latent gain(ducts)			0	Btuh
Latent gain(infiltration)			4315	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1200	Btuh
Total latent gain			**5515**	**Btuh**
TOTAL HEAT GAIN			**30326**	**Btuh**



Powered by ACCA MANUAL J

For Florida residences only

EnergyGauge® System Sizing
PREPARED BY:
DATE: 5/25/11

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Baker, George & Kristy
284 SW Granite Ct.
Lake City, FL

Project Title:
1105064

Class 3 Rating
Registration No. 0
Climate: North

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

5/25/2011

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

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	60.0	32.2	1931 Btuh
2	2, Clear, Metal, 0.87	N	20.0	32.2	644 Btuh
3	2, Clear, Metal, 0.87	NW	30.0	32.2	966 Btuh
4	2, Clear, Metal, 0.87	NW	20.0	32.2	644 Btuh
5	2, Clear, Metal, 0.87	NE	4.0	32.2	129 Btuh
6	2, Clear, Metal, 0.87	SE	13.3	32.2	428 Btuh
7	2, Clear, Metal, 0.87	SE	30.0	32.2	966 Btuh
8	2, Clear, Metal, 0.87	SW	4.0	32.2	129 Btuh
	Window Total		181(sqft)		5836 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1327	3.3	4357 Btuh
2	Frame - Wood - Adj(0.09)	13.0	178	3.3	585 Btuh
	Wall Total		1505		4942 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
3	Insulated - Exterior		20	12.9	259 Btuh
	Door Total		60		777Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1874	1.2	2208 Btuh
	Ceiling Total		1874		2208Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	194.0 ft(p)	43.7	8470 Btuh
	Floor Total		194		8470 Btuh
			Zone Envelope Subtotal:		22233 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.80	16866	224.9	9109 Btuh
Ductload	Partially sealed, R6.0, Supply(Attic), Return(Attic)			(DLM of 0.00)	0 Btuh
Zone #1			**Sensible Zone Subtotal**		**31342 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Baker, George & Kristy
284 SW Granite Ct.
Lake City, FL

Project Title:
1105064

Class 3 Rating
Registration No. 0
Climate: North

5/25/2011

WHOLE HOUSE TOTALS

	Subtotal Sensible	31342 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	31342 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)

For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Baker, George & Kristy
284 SW Granite Ct.
Lake City, FL

Project Title:
1105064

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 5/25/2011

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

Component Loads for Whole House

Window	Type*	Ornt	Overhang Len	Overhang Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	HTM Unshaded	Load
1	2, Clear, 0.87, None,N,N	NW	1.5ft	7ft.	60.0	0.0	60.0	29	60	3602 Btuh
2	2, Clear, 0.87, None,N,N	N	1.5ft	9ft.	20.0	0.0	20.0	29	29	579 Btuh
3	2, Clear, 0.87, None,N,N	NW	9.5ft	7ft.	30.0	0.0	30.0	29	60	1801 Btuh
4	2, Clear, 0.87, None,N,N	NW	9.5ft	7ft.	20.0	0.0	20.0	29	60	1201 Btuh
5	2, Clear, 0.87, None,N,N	NE	1.5ft	3ft.	4.0	0.0	4.0	29	60	240 Btuh
6	2, Clear, 0.87, None,N,N	SE	8.5ft	9ft.	13.3	13.3	0.0	29	63	385 Btuh
7	2, Clear, 0.87, None,N,N	SE	8.5ft	7ft.	30.0	30.0	0.0	29	63	869 Btuh
8	2, Clear, 0.87, None,N,N	SW	1.5ft	3ft.	4.0	2.1	1.9	29	63	180 Btuh
	Excursion									2250 Btuh
	Window Total				181 (sqft)					11107 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	1326.7	2.1	2767 Btuh
2	Frame - Wood - Adj	13.0/0.09	178.0	1.5	269 Btuh
	Wall Total		1505 (sqft)		3036 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Adjacent	20.0	9.8	196 Btuh
2	Insulated - Exterior	20.0	9.8	196 Btuh
3	Insulated - Exterior	20.0	9.8	196 Btuh
	Door Total	60 (sqft)		588 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	1874.0	1.7	3103 Btuh
	Ceiling Total		1874 (sqft)		3103 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	194 (ft(p))	0.0	0 Btuh
	Floor Total		194.0 (sqft)		0 Btuh

	Zone Envelope Subtotal:	17834 Btuh

Infiltration	Type	ACH	Volume(cuft)	CFM=	Load
	SensibleNatural	0.42	16866	118.1	2197 Btuh

Internal gain	Occupants	Btuh/occupant		Appliance	Load
	6	X 230	+	3400	4780 Btuh

Duct load		
	Partially sealed, R6.0, Supply(Attic), Return(Attic)	DGM = 0.00	0.0 Btuh

	Sensible Zone Load	**24812 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Baker, George & Kristy
284 SW Granite Ct.
Lake City, FL

Project Title:
1105064

Class 3 Rating
Registration No. 0
Climate: North

5/25/2011

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**24812 Btuh**
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	**24812 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**24812 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	4315 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**5515 Btuh**
	TOTAL GAIN	**30326 Btuh**

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

For Florida residences only

Residential Window Diversity

MidSummer

Baker, George & Kristy
284 SW Granite Ct.
Lake City, FL

Project Title:
1105064

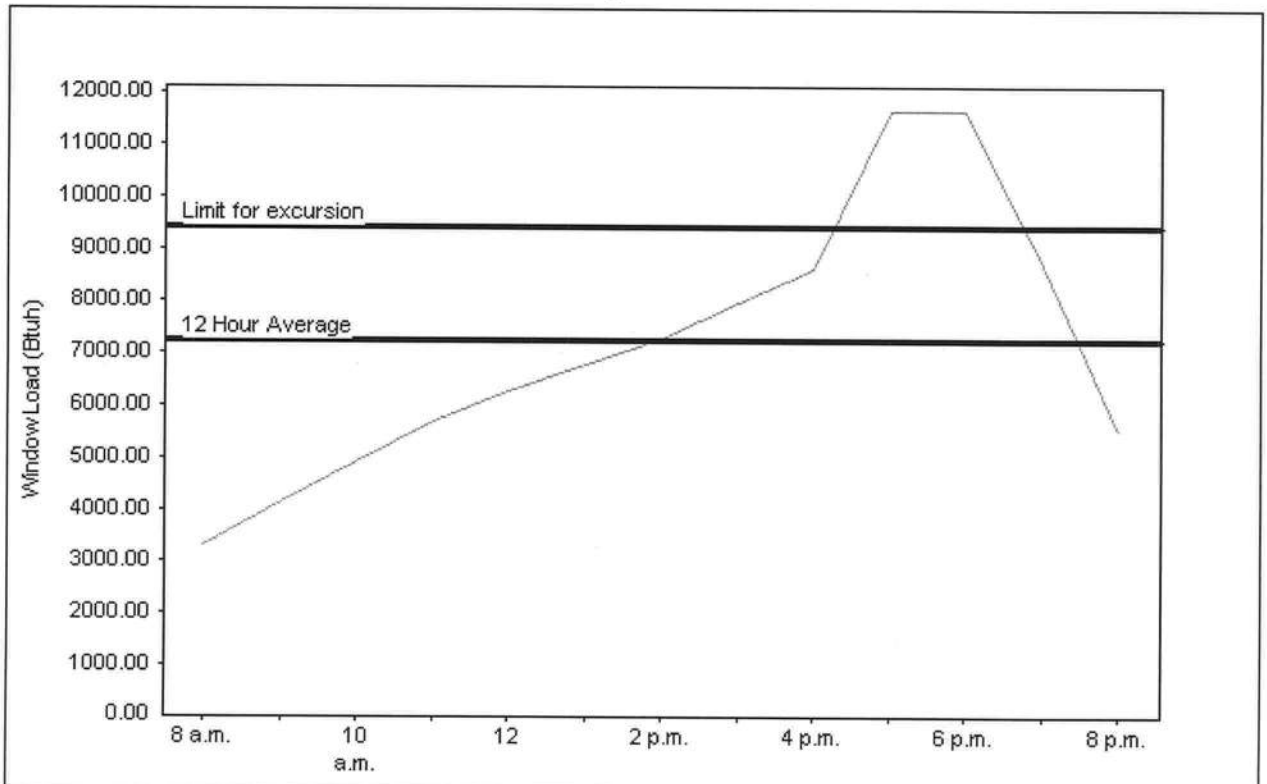
Class 3 Rating
Registration No. 0
Climate: North

5/25/2011

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	7238 Btuh
Summer setpoint	75 F	Peak window load for July	11660 Btu
Summer temperature difference	17 F	Excusion limit(130% of Ave.)	9410 Btuh
Latitude	29 North	Window excursion (July)	2250 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: 5/25/11

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

FORM 600A-08 — Alternate Residential Points System Method — NORTH 1 2 3

PROJECT NAME: AND ADDRESS:	1105064 284 SW GRANITE CT. LAKE CITY FL	BUILDER:	
		PERMITTING OFFICE:	CLIMATE ZONE: 1 ☐ 2 ☐ 3 ☐
OWNER:	BAKER, GEORGE + KRISTY	PERMIT NO.:	JURISDICTION NO.:

	Please Type	CK
. New construction or addition	1. NEW	
. Single-family detached or Multiple-family attached	2. SINGLE	
. If Multiple-family–No. of units covered by this submission	3.	
. Is this a worst case? (yes/no)	4. YES	
. Conditioned floor area (sq. ft.)	5. 1874 sq. ft.	
. Predominant eave overhang (ft.)	6. 1.5 ft.	
. Glass type[1] and area: (Label required by 13-104.4.5 if not default)	Description / Area	
a. *U*-factor: (or Single- or Double-Pane DEFAULT)	7a. SHGC: .5 / 181.3 sq. ft.	
b. SHGC: (or Clear or Tint DEFAULT)	7b. U-FACTOR: .87 sq. ft.	
. Floor type and insulation:		
a. Slab-on-grade (*R*-value + perimeter)	8a. R = 0 , 194 l. ft.	
b. Wood, raised (*R*-value + sq. ft.)	8b. R = _____ , _____ sq. ft.	
c. Concrete, raised (*R*-value)	8c. R = _____ , _____ sq. ft.	
. Net wall type, area and insulation:		
a. Exterior: 1. Concrete block (Insulation *R*-value)	9a-1 R = _____ , _____ sq. ft.	
2. Wood frame (Insulation *R*-value)	9a-2 R = 13 , 1327 sq. ft.	
3. Steel frame (Insulation *R*-value)	9a-3 R = _____ , _____ sq. ft.	
4. Log (Insulation *R*-value)	9a-4 R = _____ , _____ sq. ft.	
5. Other: _____		
b. Adjacent: 1. Concrete block (Insulation *R*-value)	9b-1 R = _____ , _____ sq. ft.	
2. Wood frame (Insulation *R*-value)	9b-2 R = 13 , 178 sq. ft.	
3. Steel frame (Insulation *R*-value)	9b-3 R = _____ , _____ sq. ft.	
4. Log (Insulation *R*-value)	9b-4 R = _____ , _____ sq. ft.	
0. Ceiling type, area and insulation:	10a. R=30 1874 sq. ft.	
a. Under attic (Insulation *R*-value)	10b. _____ _____ sq. ft.	
b. Single assembly (Insulation *R*-value)	10c. _____	
c. Radiant barrier, IRCC or white roof installed?		
1. Air distribution system:	11a. R = 6 , ATTIC (cond/uncond)	
a. Ducts (Insulation + Location)	11b. R = _____ , INT (cond/uncond)	
b. Air Handler (Location)	12a. Type: CENTRAL	
2. Cooling system: (Types: central-split, central-single pkg., room unit, PTAC, gas, none)	12b. SEER/EER/COP: 13	
	12c. Capacity: 37000	
3. Heating system: (Types: heat pump, elec. strip, nat. gas, LP gas, gas h.p., room or PTAC, none)	13a. Type: HEAT PUMP	
	13b. HSPF/COP/AFUE: 7.9	
	13c. Capacity: 37000	
4. Hot water system: (Types: elec., natural gas, solar, LP gas, none)	14a. Type: ELEC	
	14b. EF: .94	
5. Hot water credits		
a. Heat Recovery (HR)	15a. _____	
b. Dedicated Heat Pump (DHP)	15b. _____	
c. Solar	15c. _____	
6. HVAC Credits (Use: CF-ceiling fan, CV-cross vent, PT-programmable thermostat, HF-whole house fan, MZ-Multizone)	16. PT	
7. COMPLIANCE STATUS: (PASS if As-Built Pts. are less than Base Pts.)	17. PASS	
a. Total As-Built points b. Total Base points	17a. 22045 17b. 21570	

COLUMBIA COUNTY BUILDING DEPARTMENT — Received for FILE COPY — Code Compliance — PLANS EXAMINER

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

PREPARED BY: EVAN BRAMSLEY DATE: 5/25/11

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

OWNER AGENT: _____ DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____

[1] Predominant glass type. For actual glass type and areas, see summer and winter glass output on Pages 2 and 4.

GLASS	ORIENTATION	OVERHANG LENGTH OH (FEET)	GLASS AREA (SQ. FT)	SINGLE-PANE SUMMER POINT MULTIPLIER		DUBLE-PANE SUMMER POINT MULTIPLER		SUMMER OH FACTOR (from 6A-1)	AS-BUILT GLASS SUMMER PTS
				CLEAR	TINT (2)	CLEAR	TINT (2)		
	S	1.5	60				25.488	0.931	1424
	SW	10	20				28.732	0.453	260
	S	9.5	30				25.488	0.493	377
	S	9.5	20				25.488	0.493	251
	W	1.5	4				27.481	0.748	82
	N	8.5	13.3				12.854	0.736	126
	N	8.5	30				12.854	0.681	263
	E	1.5	4				30.171	0.745	90
			0						0
			0						0
			0						0
			0						0
			0						0
			0						0
			0						0
			0						0
			0						0
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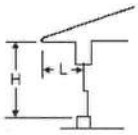
			0						0
			0						0
			0						0
			0						0



OVERHANG RATIO = $\frac{\text{OH LENGTH}}{\text{OH HEIGHT}}$

GLASS	COND FLOOR AREA	WEIGHTED GLASS MULTIPLIER	BASE GLASS SUBTOTAL	AS-BUILT GLASS SUBTOTAL
0.18	0.18	1874	18.59	6271	2873

	COMPONENT DESCRIPTION	AREA	BASE SUMMER POINT MULT.	BASE SUM POINTS	COMPONENT DESCRIPTION	AREA	SUMMER POINT MULT. (6A-2 - 6A-6)	AS BUILT SUMMER POINTS
WALL	EXTERIOR	1327	1.5	1991	EXT FRAME R13	1327	1.5	1991
	ADJACENT	178	0.6	107	ADJ FRAME R13	178	0.6	107
						0		0
						0		0
DOORS	EXTERIOR	40	6.1	244	EXT INSULATED	40	4.1	164
	ADJACENT	20	2.4	48	ADJ INSULATED	20	1.6	32
						0		0
CEILING	UNDER ATTIC OR SINGLE ASSEMBLY	1874	1.73	3242	ATTIC R30	1874	1.73	3242
					RBS/IECC/white roof (3)	0	1.03	0
	BASE CEILING AREA EQUALS FLOOR AREA DIRECTLY UNDER CEILING. AS-BUILT CEILING AREA EQUALS ACTUAL CEILING SQUARE FOOTAGE							
FLOOR	SLAB (PERIMETER)	194	-41.2	-7993	SLAB	194	-41.2	-7992.8
	RAISED (AREA)	0	-0.98	0		0	0	0
	FOR SLAB-ON-GRADE USE PERIMITER LENGTH AROUND CONDITIONED FLOOR, FOR RAISED FLOORS USE AREA OVER UNCONDITIONED SPACE							
INFILTRATION & INTERNAL GAINS		1874	10.21	19134		1874	10.21	19134
		USE TOTAL FLOOR AREA OF CONDITIONED SPACE						

TOTAL COMPONENT BASE SUMMER POINTS	23043	TOTAL COMPONENT AS-BUILT SUMMER POINTS	19549

COOLING SYSTEM	BASE COOLING SYSTEM MULTIPLIER	TOTAL BASE SUMMER POINTS	BASE COOLING POINTS	TOTAL AS-BUILT SUM. PTS.	AS-BUILT DM (6A-8)	AS-BUILT DSM (6A-20)	AS-BUILT AHU (6A-7)	AS-BUILT CMS (6A-9)	AS-BUILT CCM (6A-19)	AS-BUILT COOLING POINTS
	0.325	23043	**7489**	19549	1.09	1.15	0.91	0.26	0.95	**5508**

HOT WATER SYSTEM	NUMBER OF BEDROOMS	BASE HOT WATER MULTIPLIER	BASE HOT WATER POINTS	AS-BUILT HOT WATER SYSTEM DESCRIPTION	NUMBER OF BED-ROOMS	AS-BUILT HWM (6A-23)	AS-BUILT HWCM (6A-23)	AS-BUILT HOT WATER POINTS
	3	2635	**7905**	elec .94	3	2571	1	**7713**

(1) H = HORIZONTAL GLASS (SKYLIGHTS)

(2) FOR GLASS WITH KNOW SHGC, SEE SEC. 2.1.1 OF APPENDIX G-C of the *FBC, Residential.* TINT MULTIPLIERS MAY BE USED FOR GLASS WITH SOLAR SCREENS, FILM, OR TINT

(3) MUST MEET CRITERIA OF APPENDIX G-C4.2.1.5 of the *FBC, Residential.*

6A-1 SUMMER OVERHANG FACTORS (SOF) FOR SINGLE-AND DOUBLE-PANE GLASS

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

6A-2 WALL SUMMER POINT MULTIPLIERS (SPM)

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

6A-3 DOOR SUMMER POINT MULTIPLIERS (SPM)

DOOR TYPE	EXTERIOR	ADJACENT
WOOD	6.1	2.4
INSULATED	4.1	1.6

6A-4 CEILING SUMMER POINT MULTIPLIERS (SPM)

UNDER ATTIC		SINGLE ASSEMBLY		CONCRETE DECK ROOF		
					CEILING TYPE	
R-VALUE	SPM	*R*-VALUE	SPM	*R*-VALUE	EXPOSED	DROPPED
19-21.9	2.34	10-10.9	8.49	10-13.9	9.13	8.47
22-25.9	2.11	11-12.9	7.97	14-20.9	6.80	6.45
26-29.9	1.89	13-18.9	7.14	21 & UP	4.92	4.63
30-37.9	1.73	19-25.9	5.64			
38 & UP	1.52	26-29.9	4.75			
RBS Credit	0.700	30 & UP	4.40			
IRCC Credit	0.849					
White Roof Credit	0.550					

6A-5 FLOOR SUMMER POINT MULTIPLIERS (SPM)

SLAB-ON-GRADE EDGE INSULATION		RAISED CONCRETE		RAISED WOOD			
					POST OR PIER CONSTRUCTION	STEM WALL w/UNDER FLOOR INSULATION	ADJACENT
R-VALUE	SPM	*R*-VALUE	SPM	*R*-VALUE	SPM	SPM	SPM
0-2.9	-41.2	0-2.9	-.8	0-6.9	2.80	-4.7	2.2
3-4.9	-37.2	3-4.9	-1.3	7-10.9	1.34	-2.3	.8
5-6.9	-36.2	5-6.9	-1.3	11-18.9	1.06	-1.9	.7
7 & UP	-35.7	7 & UP	-1.3	19 & UP	.77	-1.5	.4

6A-6 INFILTRATION & INTERNAL GAINS (SPM)

Air Infiltration	3.44
Internal Gains	+6.77
Infiltration/Internal Gains (Combined)	10.21

6A-7 AIR HANDLER MULTIPLIERS (SPM)

Located in garage	1.00
Located in conditioned area	0.91
Located on exterior of building	1.02
Located in attic	1.11

6A-8 DUCT MULTIPLIERS (DM)

SUPPLY DUCTS IN:	DUCT *R*-VALUE	RETURN DUCTS IN:				
		Unconditioned space	Attic/ RBS	Attic/ IRCC	Attic/ Cool roof	Conditioned space
Unconditioned Space	4.2	1.118	1.111	1.112	1.089	1.107
	6.0	1.090	1.084	1.085	1.066	1.081
	8.0	1.071	1.066	1.067	1.051	1.064
Attic/Radiant Barrier (RBS)	4.2	1.072	1.066	—	—	1.061
	6.0	1.056	1.051	—	—	1.047
	8.0	1.045	1.041	—	—	1.037
Attic/Interior Radiation Control Coatings (IRCC)	4.2	1.099	—	1.092	—	1.084
	6.0	1.076	—	1.071	—	1.065
	8.0	1.061	—	1.057	—	1.052
Attic/Cool Roof	4.2	1.068	—	—	1.096	1.057
	6.0	1.051	—	—	1.071	1.043
	8.0	1.040	—	—	1.055	1.034
Conditioned Space	4.2	1.006	1.005	1.007	1.008	1.000
	6.0	1.005	1.004	1.005	1.006	1.000
	8.0	1.004	1.003	1.004	1.005	1.000

6A-9 COOLING SYSTEM MULTIPLIERS (CSM)

SYSTEM TYPE		COOLING SYSTEM MULTIPLIERS (CSM)										
Central Units (SEER)	Rating		7.5-7.9	8.0-8.4	8.5-8.8	8.9-9.4	9.5-9.9	10.0-10.4	10.5-10.9	11.0-11.4	11.5-11.9	12.0-12.4
	CSM		.45	.43	.40	.38	.36	.34	.32	.31	.30	.28
PTAC & Room Units (EER)	Rating	12.5-12.9	13.0-13.4	13.5-13.9	14.0-14.4	14.5-14.9	15.0-15.4	15.5-15.9	16.0-16.4	16.5-16.9	17.0-17.4	17.5 & UP
	CSM	.27	.26	.25	.24	.24	.23	.22	.21	.21	.20	.19

GLASS	ORIENTATION	OVERHANG LENGTH OH (FEET)	GLASS AREA (SQ. FT)	SINGLE-PANE WINTER POINT MULTIPLIER		DUBLE-PANE WINTER POINT MULTIPLER		WINTER OH FACTOR (from 6A-10)	AS-BUILT GLASS WINTER PTS
				CLEAR	TINT (2)	CLEAR	TINT (2)		
	S	1.5	60				17.052	1.032	1056
	SW	10	20				19.729	1.508	595
	S	9.5	30				17.052	3.042	1556
	S	9.5	20				17.052	3.042	1037
	W	1.5	4				22.801	1.077	98
	N	8.5	13.3				25.735	1.016	348
	N	8.5	30				25.735	1.021	788
	E	1.5	4				21.287	1.109	94
			0						0
			0						0
			0						0
			0						0
			0						0
			0						0
			0						0
			0						0
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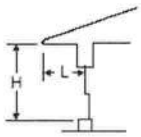
			0						0
			0						0
			0						0
			0						0



OVERHANG RATIO = $\frac{\text{OH LENGTH}}{\text{OH HEIGHT}}$

GLASS	COND FLOOR AREA	WEIGHTED GLASS MULTIPLIER	BASE GLASS SUBTOTAL	AS-BUILT GLASS SUBTOTAL
0.18	0.18	1874	20.17	6804	5573

	COMPONENT DESCRIPTION	AREA	BASE SUMMER POINT MULT.	BASE WINTER POINTS	COMPONENT DESCRIPTION	AREA	WINTER POINT MULT. (6A-11 - 6A-15)	AS BUILT WINTER POINTS
WALL	EXTERIOR	1327	3.4	4512	EXT FRAME R13	1327	3.4	4512
	ADJACENT	178	3.3	587	ADJ FRAME R13	178	3.3	587
						0		0
						0		0
DOORS	EXTERIOR	40	12.3	492	EXT INSULATED	40	8.4	336
	ADJACENT	20	11.5	230	ADJ INSULATED	20	8	160
						0		0
CEILING	UNDER ATTIC OR SINGLE ASSEMBLY	1874	2.05	3842	ATTIC R30	1874	2.05	3842
					RBS/IECC/white roof (3)	0	1.2	0
	BASE CEILING AREA EQUALS FLOOR AREA DIRECTLY UNDER CEILING. AS-BUILT CEILING AREA EQUALS ACTUAL CEILING SQUARE FOOTAGE							
FLOOR	SLAB (PERIMETER)	194	18.8	3647	SLAB	194	18.8	3647.2
	RAISED (AREA)	0	1.38	0		0		0
	FOR SLAB-ON-GRADE USE PERIMITER LENGTH AROUND CONDITIONED FLOOR, FOR RAISED FLOORS USE AREA OVER UNCONDITIONED SPACE							
	INFILTRATION & INTERNAL GAINS	1874	-0.58	-1087		1874	-0.58	-1087
		USE TOTAL FLOOR AREA OF CONDITIONED SPACE						
	TOTAL COMPONENT BASE WINTER POINTS			19027	**TOTAL COMPONENT AS-BUILT WINTER POINTS**			17570

HEATING SYSTEM	BASE HEATING SYSTEM MULTIPLIER	TOTAL BASE WINTER POINTS	BASE HEATING POINTS	TOTAL AS-BUILT WIN. PTS.	AS-BUILT DM (6A-17)	AS-BUILT DSM (6A-20)	AS-BUILT AHU (6A-16)	AS-BUILT CMS (6A-18)	AS-BUILT CCM (6A-21)	AS-BUILT HEATING POINTS
	0.554	19027	**10541**	17570	1.069	1.17	0.93	0.43	0.95	**8349**

TOTAL	BASE COOLING POINTS (From P2)	BASE HEATING POINTS	BASE H/W PTS. (From P2)	0.85	TOTAL BASE PTS. (Enter on P1)	AS-BUILT COOLING POINTS (From P2)	AS-BUILT HEATING POINTS	AS-BUILT H/W PTS. (From P2)	TOTAL AS-BUILT PTS. (Enter on P1)
	7489	10541	7905	25935	**22045**	5508	8349	7713	**21570**

(1) H = HORIZONTAL GLASS (SKYLIGHTS)

(2) FOR GLASS WITH KNOW SHGC, SEE SEC. 2.1.1 OF APPENDIX G-C of the *FBC, Residential.* TINT MULTIPLIERS MAY BE USED FOR GLASS WITH SOLAR SCREENS, FILM, OR TINT

(3) MUST MEET CRITERIA OF APPENDIX G-C4.2.1.5 of the *FBC, Residential.*

6A-10 WINTER OVERHANG FACTORS (WOF)

SELECT BY OR	OH Ratio	.00-.11	.12-.17	.18-.26	.27-.35	.36-.46	.47-.57	.58-.70	.71-.83	.84-1.18	1.19-1.72	1.73-2.73	2.74 & up
	North	1.00	1.000	1.001	1.003	1.005	1.009	1.011	1.014	1.016	1.021	1.024	1.027
	Northeast	1.00	0.998	1.001	1.008	1.015	1.023	1.029	1.035	1.040	1.049	1.056	1.061
	East	1.00	1.007	1.018	1.040	1.069	1.109	1.150	1.198	1.242	1.338	1.429	1.507
	Southeast	1.00	1.014	1.043	1.111	1.202	1.332	1.472	1.635	1.787	2.113	2.412	2.650
	South	1.00	0.994	1.032	1.142	1.308	1.563	1.845	2.175	2.471	3.042	3.450	3.661
	Southwest	1.00	1.006	1.025	1.070	1.131	1.217	1.308	1.413	1.508	1.708	1.888	2.031
	West	1.00	1.002	1.010	1.027	1.049	1.077	1.102	1.128	1.149	1.187	1.217	1.238
	Northwest	1.00	0.999	1.000	1.004	1.008	1.012	1.016	1.019	1.022	1.028	1.032	1.036
	OH Length	0.0'	1.0'	1.5'	2.0'	3.0'	3.5'	4.5'	5.5'	6.5'	9.5'	14.0'	20.0'

6A-11 WALL WINTER POINT MULTIPLIERS (WPM)

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

6A-12 DOOR WINTER POINT MULTIPLIERS (WPM)

DOOR TYPE	EXTERIOR	ADJACENT
WOOD	12.3	11.5
INSULATED	8.4	8.0

6A-13 CEILING WINTER POINT MULTIPLIERS (WPM)

UNDER ATTIC		SINGLE ASSEMBLY		CONCRETE DECK ROOF		
					CEILING TYPE	
R-VALUE	WPM	R-VALUE	WPM	R-VALUE	EXPOSED	DROPPED
19-21.9	2.70	10-10.9	2.87	10-13.9	3.16	2.91
22-25.9	2.45	11-12.9	2.70	14-20.9	2.31	2.14
26-29.9	2.22	13-18.9	2.40	21 & UP	1.47	1.47
30-37.9	2.05	19-25.9	1.86			
38 & UP	1.81	26-29.9	1.54			
RBS Credit	0.850	30 & UP	1.43			
IRCC Credit	0.912					
White Roof Credit	1.044					

6A-14 FLOOR WINTER POINT MULTIPLIERS (WPM)

SLAB-ON-GRADE EDGE INSULATION		RAISED CONCRETE		RAISED WOOD			
					POST OR PIER CONSTRUCTION	STEM WALL w/UNDER FLOOR INSULATION	ADJACENT
R-VALUE	WPM	R-VALUE	WPM	R-VALUE	WPM	WPM	WPM
0-2.9	18.8	0-2.9	9.9	0-6.9	5.77	3.5	10.4
3-4.9	9.3	3-4.9	5.1	7-10.9	2.20	1.6	4.4
5-6.9	7.6	5-6.9	3.6	11-18.9	1.55	1.2	3.6
7 & UP	7.0	7 & UP	2.9	19 & UP	0.88	.8	2.2

6A-15 INFILTRATION & INTERNAL GAINS (WPM)

Air Infiltration	2.13
Internal Gains	-2.72
Infiltration/Internal Gains (Combined)	-0.58

6A-16 AIR HANDLER MULTIPLIERS (WPM)

Located in garage	1.00
Located in conditioned area	0.93
Located on exterior of building	1.07
Located in attic	1.10

6A-17 DUCT MULTIPLIERS (DM)

SUPPLY DUCTS IN:	DUCT R-VALUE	RETURN DUCTS IN:				
		Unconditioned space	Attic/ RBS	Attic/ IRCC	Attic/ Cool roof	Conditioned space
Unconditioned Space	4.2	1.093	1.086	1.088	1.089	1.081
	6.0	1.069	1.064	1.065	1.066	1.060
	8.0	1.053	1.049	1.051	1.051	1.046
Attic/Radiant Barrier (RBS)	4.2	1.067	1.059	—	—	1.052
	6.0	1.051	1.045	—	—	1.040
	8.0	1.040	1.036	—	—	1.032
Attic/Interior Radiation Control Coatings (IRCC)	4.2	1.096	—	1.088	—	1.077
	6.0	1.072	—	1.066	—	1.057
	8.0	1.056	—	1.052	—	1.045
Attic/Cool Roof	4.2	1.104	—	—	1.096	1.083
	6.0	1.076	—	—	1.071	1.061
	8.0	1.059	—	—	1.055	1.048
Conditioned Space	4.2	1.008	1.007	1.010	1.008	1.000
	6.0	1.006	1.005	1.007	1.006	1.000
	8.0	1.005	1.004	1.006	1.005	1.000

6A-18 HEATING SYSTEM MULTIPLIERS (HSM) All Climate Zones

SYSTEM TYPE		HEATING SYSTEM MULTIPLIERS (HSM)							
Central Heat Pump Units	HSPF	7.4-7.6	7.7-7.8	7.9-8.3	8.4-8.8	8.9-9.3	9.4-9.8	9.9-10.3	10.4-10.8
	HSM	46	44	43	41	38	36	34	33
PTHP	COP	2.50-1.69	2.70-2.89	2.90-3.09	3.10-3.29	3.30-3.49	3.50-3.69	3.70-3.89	3.90-4.19
	HSM	40	37	34	32	30	29	27	26
Gas Heating	AFUE	76- 77	78	79- 82	83- 85	86- 89	90- 92	93- 95	96- 98
	HSM	.46	.44	.43	.41	.38	.36	.34	.33
Electric Strip	1.0								

6A-19 COOLING CREDIT MULTIPLIERS

SYSTEM TYPE	Cooling credit multipliers (CCM)
Ceiling Fans	.95*
Cross Ventilation	.95*
Whole House Fan	.95*
Multizone	.95
Programmable Thermostat	.95

*Credit may be taken for only one system type concurrently.

6A-20 AIR DISTRIBUTION SYSTEM CREDIT MULTIPLIERS

TYPE CREDIT	Prescriptive requirements	Multiplier
Air-tight Duct Credit[1]	Appx G-C5.2.2.1.1	1.00
Factory-sealed AHU Credit[2]	Appx G-C5.2.2.1.2	0.95

[1]Duct Sealing Multiplier (DSM) shall be 1.15 (summer) or 1.17 (winter) unless Air-tight Duct Credit is demonstrated by test report.
[2]Multiply Factory-sealed AHU credit by summer (Table 6A-7) or winter (Table 6A-16) AHU multiplier. Insert total in the "As-Built AHU" box on page 2 or 4.

6A-21 HEATING CREDIT MULTIPLIERS (HCM)

SYSTEM TYPE		HEATING CREDIT MULTIPLIERS (HCM)
Programmable Thermostat	HCM	.95
Multizone	HCM	.95

6A-22 HOT WATER MULTIPLIERS (HWM)

SYSTEM TYPE									
Electric Resistance	EF	.80-.81	.82-.83	.84-.85	.86-.87	.88-.90	.91-.93	.94-.96	.97 &Up
	HWM	3020	2946	2876	2809	2746	2655	2571	2491
Gas Water Heating	EF	.54	.55	.56	.57	.58	.59	.60	.61
	HWM	3020	2946	2876	2809	2746	2655	2571	2491
	EF	.62-.63	.64-.65	.66-.70	.71-.75	.76-.80	.81-.83	.84-.86	.87 & Up
	HWM	2346	2217	2101	1738	1456	1196	1055	933

6A-23 HOT WATER CREDIT MULTIPLIERS (HWCM)

SYSTEM TYPE		HOT WATER CREDIT MULTIPLIERS (HWCM)				
Heat Recovery Unit	With	Air Conditioner		Heat Pump		
	HWCM	.84		.78		
Add-on Dedicated Heat Pump (without tank)	EF	2.0-2.49	2.5-2.99	3.0-3.49	3.5 & Up	
	HWCM	.44	.35	.29	.25	
Add-on Solar Water Heater (without tank)	EF	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0 & Up
	HWCM	.84	.42	.28	.21	.17

NOTE: An HWM must be used in conjunction with all HWCM. See Table 6A-22. EF Means Energy Factor.

6A-24 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	N1106.AB.1.1	Max: 3 cfm/sq. ft. window area; .5cfm/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; CFM utility penetrations; between wall panels & top/bottom plates; between walls & floor. EXCEPTION: Frame walls where a continous 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	Seal: Between walls & ceilings: penetrations of ceiling plane of 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 rated with <2.0 cfm from conditioned space, tested.	
Multiple 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.	

6A-25 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 N1112.AB.3. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required for vertical pipe risers.	
Swimming Pools & Spas	N1112.AB.2.3	Spas & heated pools must have covers (except solar heated). Noncommercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
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. Ducts in unconditioned attics: R-6 minimum 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.	

Double Pane: Default *U*-factor = 0.87								
Solar Heat Gain Coefficient	**0.50-0.46**	**0.45-0.41**	**0.40-0.36**	**0.35-0.31**	**0.30-0.26**	**0.25-0.21**	**0.20-0.16**	**0.15-0**
Summer:								
N	12.854	10.866	8.906	6.923	4.942	2.988	1.036	-0.965
NE	20.713	17.944	15.214	12.451	9.690	6.969	4.251	1.464
E	30.171	26.442	22.764	19.039	15.315	11.643	7.971	4.206
SE	30.708	26.929	23.201	19.425	15.650	11.926	8.202	4.381
S	25.488	22.234	19.025	15.776	12.528	9.324	6.123	2.839
SW	28.732	25.150	21.616	18.038	14.461	10.933	7.406	3.789
W	27.481	24.019	20.605	17.147	13.692	10.283	6.876	3.382
NW	17.981	15.477	13.007	10.506	8.007	5.543	3.081	0.556
H	52.565	45.607	38.743	31.794	24.851	18.002	11.158	4.138
Winter:								
N	25.735	26.095	26.448	26.805	27.160	27.508	27.856	28.210
NE	24.963	25.398	25.825	26.257	26.688	27.112	27.534	27.966
E	21.287	22.070	22.843	23.625	24.408	25.180	25.953	26.746
SE	18.143	19.228	20.301	21.391	22.483	23.564	24.647	25.762
S	17.052	18.238	19.413	20.607	21.805	22.991	24.180	25.405
SW	19.729	20.674	21.608	22.557	23.509	24.451	25.394	26.366
W	22.801	23.449	24.089	24.735	25.381	26.018	26.654	27.306
NW	25.522	25.903	26.278	26.656	27.033	27.403	27.771	28.148
H	23.141	24.181	25.213	26.263	27.319	28.365	29.416	30.499

ESTIMATED ENERGY PERFORMANCE INDEX* =
The lower the Energy Performance Index, the more efficient the home.

.	New Home or addition	NEW	
.	Single family or multiple family	SINGLE	
.	Number of units, (if multi-family)		
.	Number of bedrooms	3	
.	Is this a worst case? (yes or no)	YES	
.	Conditioned floor area	1874	sq. ft.
.	Glass type & area		
	a. U-Factor: .87	181.3	sq. ft.
	(Or single or double Default)		sq. ft.
	b. SHGC: .5		sq. ft.
	(Or clear or tint Default)		sq. ft.
.	Floor types, Insulation level		
	a. Slab-on-grade, edge insulation	R- 0	
	b. Wood, raised	R-	
	c. Concrete, raised	R-	
.	Wall types, Insulation level		
	Exterior		
	a. Wood frame	R- 13	
	b. Metal frame	R-	
	c. Concrete block	R-	
	d. Log	R-	
	e. Other	R-	
	Adjacent		
	a. Wood frame	R- 13	
	b. Metal frame	R-	
	c. Concrete block	R-	
	d. Log	R-	
	e. Other	R-	
0.	Ceiling types, Insulation level		
	a. Under attic	R- 30	
	b. Single assembly	R-	
	c. Knee walls/skylight walls	R-	
	d. Radiant barrier installed	R-	

11.	Ducts, Location & Insulation Level	
	a. Supply ducts: ATTIC	R- 6
	b. Return ducts: ATTIC	R- 6
12.	Cooling systems	Capacity: 37000
	a. Split system	SEER: 13
	b. Single package	SEER:
	c. Ground/water source	COP:
	d. Room unit	EER:
	e. PTAC	EER:
	f. Gas-driven	COP:
13.	Heating Systems	Capacity: 37000
	a. Split system heat pump	HSPF: 7.9
	b. Single package heat pump	HSPF:
	c. Electric resistance	COP:
	d. Gas furnace, natural gas	AFUE:
	e. Gas furnace, LPG	AFUE:
	f. Gas-driven heat pump	Recov. Eff.:
14.	Water heating systems	
	a. Electric resistance	EF: .94
	b. Gas fired, natural gas	EF:
	c. Gas fired, LPG	EF:
	d. Solar System with tank	EF:
	e. Dedicated heat pump with tank	EF:
	f. Heat recovery unit	HeatRec%
	g. Other:	
15.	HVAC credits claimed (Alternate Point System Method only)	
	a. Ceiling fans	
	b. Cross ventilation	
	c. Whole house fan	
	d. Multizone cooling credit	
	e. Multizone heating credit	
	f. Programmable thermostat	PT

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

Builder Signature: Date:

Address of New Home: City/FL Zip

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 21-4S-16-03081-215 **Building permit No.** 000029509

Use Classification SFD/UTILITY **Fire:** 70.62

Permit Holder DOUG EDGLEY **Waste:** 184.25

Owner of Building KRISTY & GEORGE BAKER **Total:** 254.87

Location: 284 SW GRANITE CRT, LAKE CITY, FL 32024

Date: 11/14/2011

Stacy Cain

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

ew Construction Subterranean Termite Service Record

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

29509

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 1795 City Lake City State FL Zip 32056
Company Business License No. JB182948 Company Phone No. 386-755-3611
FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name Edgley Construction Phone No. 752-0580

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) George and Kristy Baker
284 SW Granite Ct Lake City, FL

Section 4: Service Information

Date(s) of Service(s) 7-12-2011
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 EC EPA Registration No. 83923-6
Approx. Dilution (%): .06 Approx. Total Gallons Mix Applied: 400 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)
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 Cliff Edgley Date 7-12-2011

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)

Form **NPCA-99-B** may still be used form **HUD-NPMA-99-B**

DATE 06/29/2011

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000029509

APPLICANT KIMMY EDGLEY PHONE 386.752.0580

ADDRESS 590 SW ARLINGTON BLVD.,STE. 113 LAKE CITY FL 32025

OWNER KRISTY & GEORGE BAKER PHONE

ADDRESS 284 SW GRANITE COURT LAKE CITY FL 32024

CONTRACTOR DOUG EDGLEY PHONE 386.752.0580

LOCATION OF PROPERTY 90-W TO SR. 247,TL TO C-242,TL TO GRANITE CT.,TL AND IT'S THE LAST LOT ON L.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 137550.00

HEATED FLOOR AREA 1874.00 TOTAL AREA 2751.00 HEIGHT 20.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC

LAND USE & ZONING PRD MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

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

PARCEL ID 21-4S-16-03081-215 SUBDIVISION WINGATE

LOT 15 BLOCK PHASE UNIT TOTAL ACRES 0.94

000001896 — R282811326 Kimmy Edgley

Culvert Permit No. | Culvert Waiver | Contractor's License Number | Applicant/Owner/Contractor

18"X32'MITERED 11-0292-N BLK TC N

Driveway Connection | Septic Tank Number | LU & Zoning checked by | Approved for Issuance | New Resident

COMMENTS: 1 FOOT ABOVE ROAD.

Check # or Cash 3076

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 $ 690.00 CERTIFICATION FEE $ 13.76 SURCHARGE FEE $ 13.76

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** 817.52

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.