DATE 08/26/2016

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000034389

APPLICANT DERALD P. MCMANUS PHONE 386.965.4910

ADDRESS 9448 SW 146TH LN LAKE BUTLER FL 32054

OWNER S&D PROPERTY INVESTMENTS, INC. PHONE 904.545.8744

ADDRESS 152 SW AURORA WAY LAKE CITY FL 32025

CONTRACTOR DERALD P. MCMANUS PHONE 386.965.4910

LOCATION OF PROPERTY 47-S TO EDGEWOOD,TR TO AURORA,TR AND IT'S THE 2ND LOT ON R.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 67500.00

HEATED FLOOR AREA 1100.00 TOTAL AREA 1350.00 HEIGHT ____ STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC

LAND USE & ZONING RSF-2 MAX. HEIGHT ____

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 07-4S-17-08107-002 SUBDIVISION EDGEWOOD ESTATES

LOT 2 BLOCK ____ PHASE ____ UNIT ____ TOTAL ACRES 0.43

000002332	____	CGC1518108	✓	
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
PWD	16-0495-N	BMS	TC	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

Time/STUP No.

COMMENTS: NOC ON FILE. 1 FOOT ABOVE ROAD.

Check # or Cash 195

FOR BUILDING & ZONING DEPARTMENT ONLY

Temporary Power ____ date/app. by

Foundation ____ date/app. by

Monolithic (footer/Slab) ____ 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 $ 340.00 CERTIFICATION FEE $ 6.75 SURCHARGE FEE $ 6.75

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** 453.50

INSPECTORS OFFICE ____ CLERKS OFFICE ____

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.

NOTICE: ALL OTHER APPLICABLE STATE OR FEDERAL PERMITS SHALL BE OBTAINED BEFORE COMMENCEMENT OF THIS PERMITTED DEVELOPMENT.

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

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

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

COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST

MINIMUM PLAN REQUIREMENTS: FLORIDA BUILDING CODE RESIDENTIAL 2014 EFFECTIVE 1 JULY 2015 AND THE NATIONAL ELECTRICAL 2011 EFFECTIVE 1 JULY 2015

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT 2014 FLORIDA BUILDING CODES RESIDENTIAL, EFFECTIVE 1 JULY 2015. NATIONAL ELECTRICAL CODE 2011 EFFECTIVE 1 JULY 2015. 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 FLORIDA BUILDING CODE FIGURE 1609-A THROUGH 1609-C ULTIMATE DESIGN WIND SPEEDS FOR RISK CATEGORY AND BUILDINGS AND OTHER STRUCTURES
Revised 7/1/15

	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.)**		**Total (Sq. Ft.) under roof**	IIIIIIII	IIIIIIII	IIIII

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

Site Plan information including:

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

Wind-load Engineering Summary, calculations and any details are required.

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

Elevations Drawing including:

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

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	✓		
21	Raised floor surfaces located more than 30 inches above the floor or grade			✓
22	All exterior and interior shear walls indicated	✓		
23	Shear wall opening shown (Windows, Doors and Garage doors)	✓		
24	Show compliance with Section FBCR 310 Emergency escape and rescue opening shown in each bedroom (net clear opening shown) and Show compliance with Section FBC 1405.13.2 where the opening of an operable window is located more than 72 inches above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches above the finished floor of the room in which the window is located. Glazing between the floor and 24 inches shall be fixed or have openings through which a 4-inch-diameter sphere cannot pass.	✓		
25	Safety glazing of glass where needed			✓
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 and chapter 24 of FBCR)			✓
27	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails			✓
28	Identify accessibility of bathroom (see FBCR SECTION 320)	✓		

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

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

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 1500 Pound Per Square Foot	✓		
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type) **For** structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an grounding electrode system. Per the National Electrical Code article 250.52.3			✓

FBCR 506: CONCRETE SLAB ON GRADE

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

FBCR 318: PROTECTION AGAINST TERMITES

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

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

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

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

Floor Framing System: First and/or second story

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer			✓
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers			✓
41	Girder type, size and spacing to load bearing walls, stem wall and/or priers	✓		
42	Attachment of joist to girder			
43	Wind load requirements where applicable	✓		
44	Show required under-floor crawl space			✓
45	Show required amount of ventilation opening for under-floor spaces			✓
46	Show required covering of ventilation opening			✓
47	Show the required access opening to access to under-floor spaces			✓
48	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & 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 302.6			✓
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 IRC 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 FBCB 2308.9.5	✓		
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 802.1.7.1 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 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	✓		

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 Energy Conservation R.401

Residential construction shall comply with this code by using the following compliance methods in the Residential buildings compliance methods. **Two of the required forms are to be submitted**, *R 402-2014 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form R 402-2014, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.*

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

HVAC information

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

Plumbing Fixture layout shown

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

Private Potable Water

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

Electrical layout shown including

85	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	✓		
86	Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected by **Ground-Fault Circuit Interrupter (GFCI) Article 210.8 A**	✓		
87	Show the location of smoke detectors & Carbon monoxide detectors	✓		
88	Show service panel, sub-panel, location(s) and total ampere ratings	✓		
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type. **For structures** with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an Grounding electrode system. Per the National Electrical Code article 250.52.3	✓		
90	Appliances and HVAC equipment and disconnects	✓		
91	Show all 120-volt, single phase, 15- and 20-ampere branch circuits supplying outlets installed in dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or similar rooms or areas shall be protected by a listed **Combination arc-fault circuit interrupter,** Protection device. NEC 210.12A	✓		

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 is to be completed, by following the Checklist all supporting documents must be submitted. There is a **$15.00** application fee. The completed application with attached documents and application fee can be mailed.	✓		
93	**Parcel Number** The parcel number (Tax ID number) from the Property Appraisers Office (386) 758-1083 is required. A copy of property deed is also required. www.columbiacountyfla.com	✓		
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 City Water and/or Sewer letter. Call 386-752-2031	✓		
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 approved FIRM Flood Maps show the property is in a AE, Floodway, and AH flood zones. Additionally One Foot Rise letters are required for AE and AH zones. In the Floodway Flood zones a Zero Rise letter is required.			✓
100	A Flood development permit is also required for AE, Floodway & AH. 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. County Public Works Dept. determines the size and length of every culvert before instillation and completes a final inspection before permanent power is granted. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (**$50.00**) Separate Check when issued. If the project is to be located on an F.D.O.T. maintained road, then an F.D.O.T. access permit is required.	✓		
102	**911 Address:** An application for a 911address must be applied for and **received** through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125.	✓		

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.

Section R101.2.1 of the Florida Building Code Residential:

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

Section 105 of the Florida Building Code defines the:

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

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

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

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

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

Notification:
When the application is approved for permitting the applicant will be notified by phone as to the status by the Columbia County Building & Zoning Department.

PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online at www.floridabuilding.org.

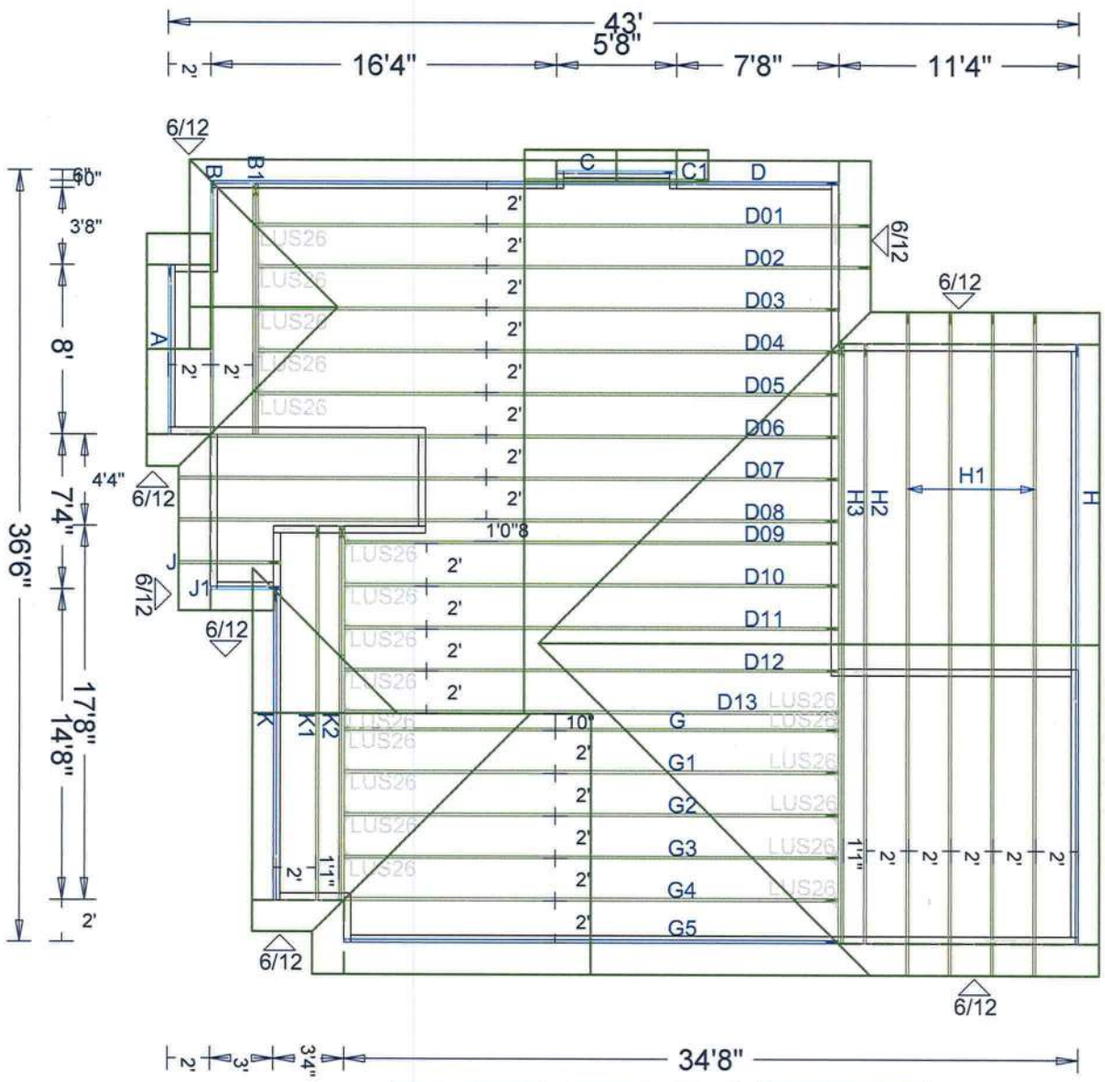
Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS	MASONITE	30-68 METAL DOORS	FL 4904.1
A. SWINGING	N/A		
B. SLIDING	N/A		
C. SECTIONAL/ROLL UP	N/A		
D. OTHER			
2. WINDOWS	TRI STAR	S	
A. SINGLE/DOUBLE HUNG	TRI STAR ATRIUM	SINGLE HUNG 3050	FL 11834.5
B. HORIZONTAL SLIDER	N/A		
C. CASEMENT	N/A		
D. FIXED	N/A		
E. MULLION	N/A		
F. SKYLIGHTS	N/A		
G. OTHER			
3. PANEL WALL			
A. SIDING	JAMES HARDIE	CEMENT BOARD	FL 13192.3
B. SOFFITS	PLY GEM SIDE GROVE	VINYL	FL 17770.1
C. STOREFRONTS	N/A		
D. GLASS BLOCK	N/A		
E. OTHER			
4. ROOFING PRODUCTS	GAF	15 YEAR SHINGLE	FL 10124.10
A. ASPHALT SHINGLES			
B. NON-STRUCT METAL	N/A		
C. ROOFING TILES	N/A		
D. SINGLE PLY ROOF	N/A		
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	USP	FL 17236, FL 11244, FL 17239	
B. WOOD ANCHORS	N/A		
C. TRUSS PLATES	N/A		
D. INSULATION FORMS		R-13 R-19	
E. LINTELS	CAST CRETE	OW DRAWINGS	
F. OTHERS			
6. NEW EXTERIOR			
A. ENVELOPE PRODUCTS		MOISTURE WRAP	
A.	HUBER	ZIP FAPE	FL 17147.1

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) performance characteristics which the product was tested and certified to comply with (3) copy of the applicable manufacturer's installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

APPLICANT SIGNATURE

8-7-16
DATE

Plan 3 – Rev 8/15



(20) TRUSS TO TRUSS CONNECITONS:
(5) D01-D05 TO B1: LUS26
(5) D09-D13 TO K2: LUS26
(4) G-G3 TO K2: LUS26
(1) D13 TO H3: LUS26
(5) G-G4 TO H3: LUS26

ROOF PITCH: 6/12
CLG PITCH: FLAT
OVERHANG: 18"
LOADING: 40
WIND LOAD: 130
EXPOSURE: C
EXT WALLS: 2X4
DATE: 8/10/2016

W.B. Howland Truss Co.
610 11TH STREET SW
Live Oak, FL 32064
(386) 362-1235
(386) 362-7124 (Fax)

PAGE NO: 1 OF 1	JOB NO: 16-0863	Job Name: 1100SF Customer: DANIEL DUKES CONSTRUCTION Designer: JASON TAYLOR ADDRESS: SALESMAN: CS : <Not Found>	JOB #: 16-0863	WB HOWLAND

This document has been electronically signed using a Digital Signature. Printed copies without an original signature must be verified using the original electronic version.

Alpine, an ITW Company

2400 Lake Orange Drive suite 150 Orlando FL 32837
Florida Engineering Certificate of Authorization Number: 0 27
Florida Certificate of Product Approval # FL1999
 Document ID:1VT4215-Z0111135229

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

Truss Fabricator:	**W.B. Howland**
Job Identification:	**16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL**
Truss Count:	**34**
Model Code:	**Florida Building Code 5th Edition (2014)**
Truss Criteria:	**TPI-2007(STD)**
Engineering Software:	**Alpine Software,Version 16.01.**
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 - 130 MPH ASCE 7-10 -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: HCUSR215**

08/11/2016
William H. Krick
-Truss Design Engineer-

2400 Lake Orange Dr, Suite 150
Orlando FL, 32837

Details: S14015C1-GBLLETIN-14015EC1-

#	Ref Description	Drawing#	Date
1	55361--A	16224019	08/11/16
2	55362--B	16224020	08/11/16
3	55363--B1	16224052	08/11/16
4	55364--C	16224021	08/11/16
5	55365--C1	16224022	08/11/16
6	55366--D	16224023	08/11/16
7	55367--D01	16224024	08/11/16
8	55368--D02	16224025	08/11/16
9	55369--D03	16224026	08/11/16
10	55370--D04	16224027	08/11/16
11	55371--D05	16224028	08/11/16
12	55372--D06	16224029	08/11/16
13	55373--D07	16224030	08/11/16
14	55374--D08	16224031	08/11/16
15	55375--D09	16224032	08/11/16
16	55376--D10	16224033	08/11/16
17	55377--D11	16224034	08/11/16
18	55378--D12	16224035	08/11/16
19	55379--D13	16224036	08/11/16
20	55380--G	16224037	08/11/16
21	55381--G1	16224038	08/11/16
22	55382--G2	16224039	08/11/16
23	55383--G3	16224040	08/11/16
24	55384--G4	16224041	08/11/16
25	55385--G5	16224042	08/11/16
26	55386--H	16224043	08/11/16
27	55387--H1	16224044	08/11/16
28	55388--H2	16224045	08/11/16
29	55389--H3	16224046	08/11/16
30	55390--J	16224047	08/11/16
31	55391--J1	16224048	08/11/16
32	55392--K	16224049	08/11/16
33	55393--K1	16224050	08/11/16
34	55394--K2	16224051	08/11/16

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - A)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

Truss designed to support 2-0-0 top chord outlookers and cladding load not to exceed 2.30 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched.

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

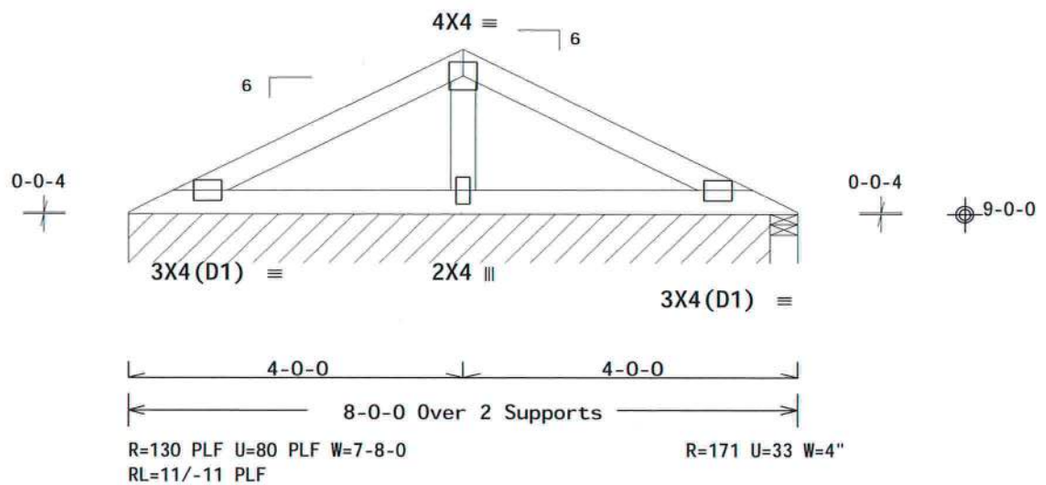
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

See DWGS S14015ENC100815 & GBLLETIN1014 for gable wind bracing requirements.

The overall height of this truss excluding overhang is 2-0-4.



Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=20%(0%)/10(0) | 16-01-00-04T3:17 | QTY:1 | FL/-/1/-/-/R/- | Scale =.5"/Ft.

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For more information see this job's general notes page and these web sites:
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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R215-- 55361
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224019
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461296
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - B)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

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

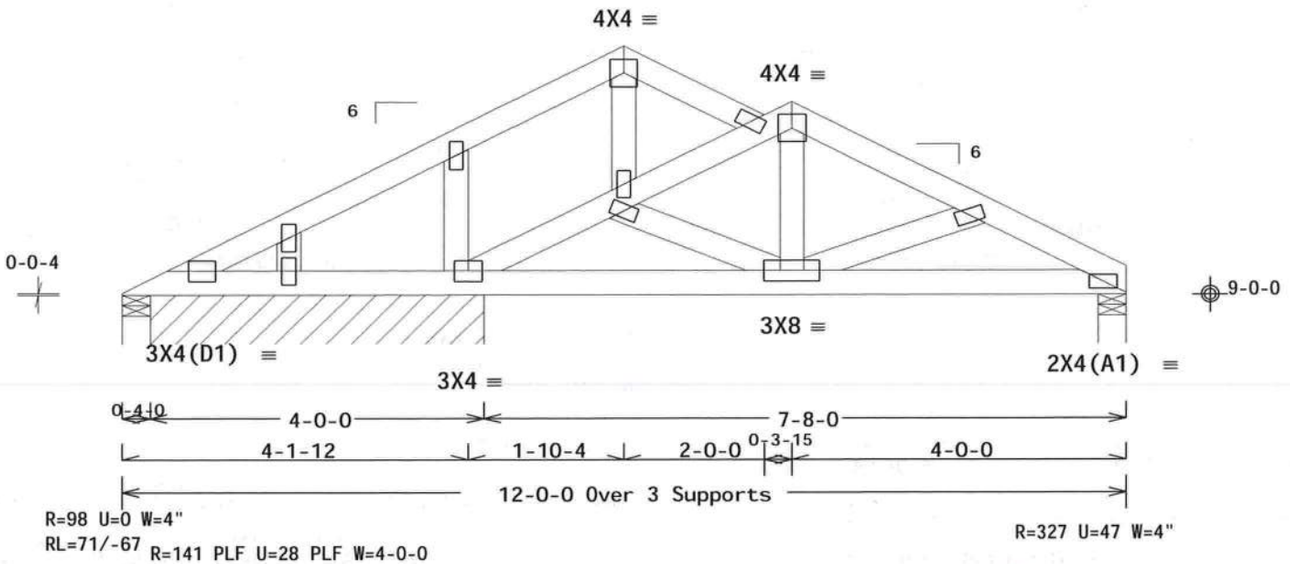
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

NOTE: LATERALLY BRACE TOP CHORD BELOW FILLER AT 2'0" O.C. MAX. INCLUDING A LATERAL BRACE AT CHORD ENDS.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

The overall height of this truss excluding overhang is 3-0-4.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=20%(0%)/10(0) | 16.01.00.0413.17 | QTY:1 | FL/-/1/-/-/R/- | Scale =.5"/Ft.

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TC LL	20.0 PSF	REF	R215-- 55362
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224020
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461292
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - B1)

Top chord 2x4 SP M-31
Bot chord 2x6 SP M-31
Webs 2x4 SP M-31

Special loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 62 plf at 0.00 to 62 plf at 1.85
TC- From 62 plf at 1.85 to 62 plf at 4.06
TC- From 31 plf at 4.06 to 31 plf at 5.85
TC- From 31 plf at 5.85 to 31 plf at 9.85
TC- From 62 plf at 9.85 to 62 plf at 11.85
BC- From 10 plf at 0.00 to 10 plf at 11.85
BC- 1119.70 lb Conc. Load at 1.92, 3.92
BC- 1122.99 lb Conc. Load at 5.92, 7.92
BC- 1129.03 lb Conc. Load at 9.92

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

The overall height of this truss excluding overhang is 3-4-3.

2 COMPLETE TRUSSES REQUIRED

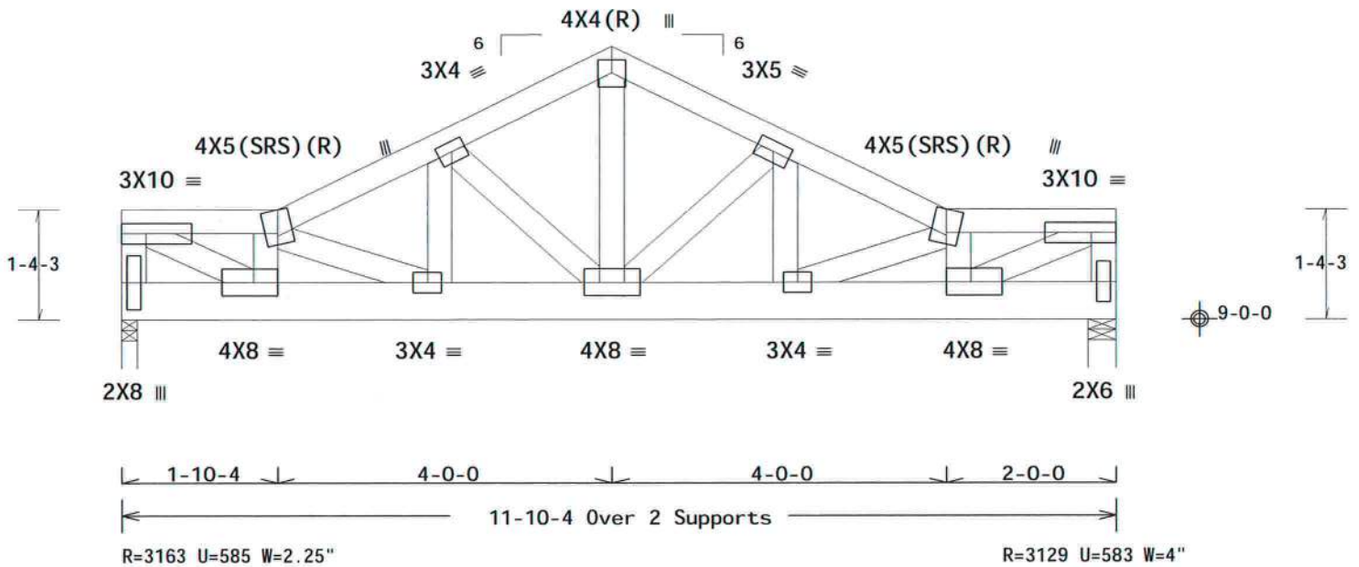
Nail Schedule:0.131"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 3.25" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS.

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

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



Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 16-01-00-04-13-17 QTY:1 FL/-/1/-/-/R/- Scale =.5"/Ft.

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

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TC LL	20.0 PSF	REF	R215-- 55363
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224052
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461324
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

08/11/2016

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - C)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

Truss designed to support 2-0-0 top chord outlookers and cladding load not to exceed 2.30 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched.

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

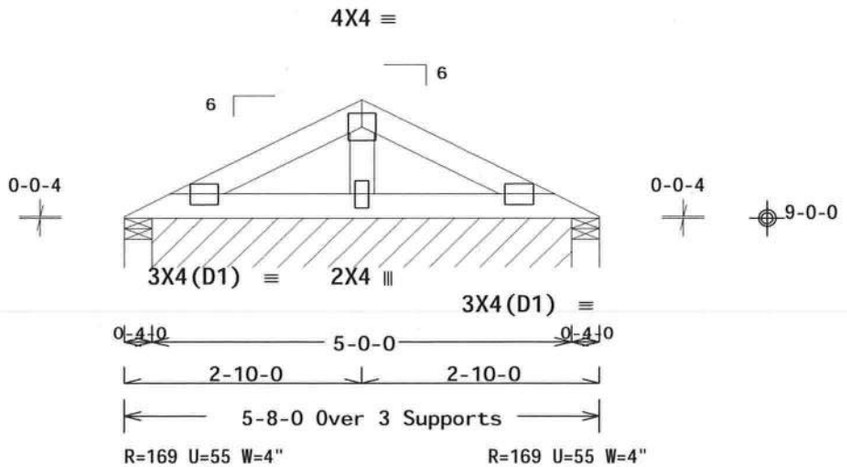
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

See DWGS A14015ENC101014 & GBLLETIN1014 for gable wind bracing requirements.

The overall height of this truss excluding overhang is 1-5-4.



R=169 U=55 W=4"
RL=55/-55
R=97 PLF U=86 PLF W=5-0-0

R=169 U=55 W=4"

Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 16.01.00.04.13.17 QTY:1 FL/-/1/-/-/R/- Scale =.5"/Ft.

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TC LL	20.0 PSF	REF	R215-- 55364
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224021
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461284
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

08/11/2016

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - C1)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

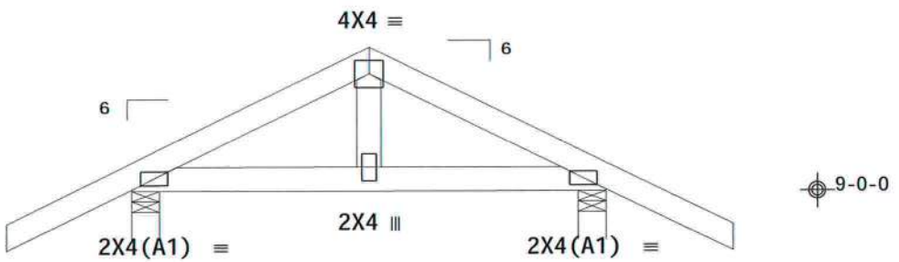
Bottom chord checked for 10.00 psf non-concurrent live load.

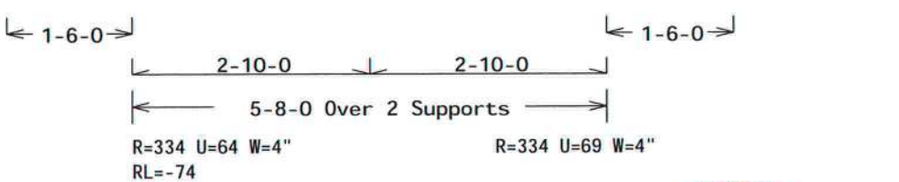
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

The overall height of this truss excluding overhang is 1-9-3.





R=334 U=64 W=4"
RL=-74

R=334 U=69 W=4"

Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 16 01 00 0418 17 QTY:1 FL/-/1/-/-/R/- Scale =.5"/Ft.

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TC LL	20.0 PSF	REF	R215-- 55365
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224022
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461282
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_ZO1

08/11/2016

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - D)

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

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

Truss designed to support 2-0-0 top chord outlookers and cladding load not to exceed 2.30 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched.

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

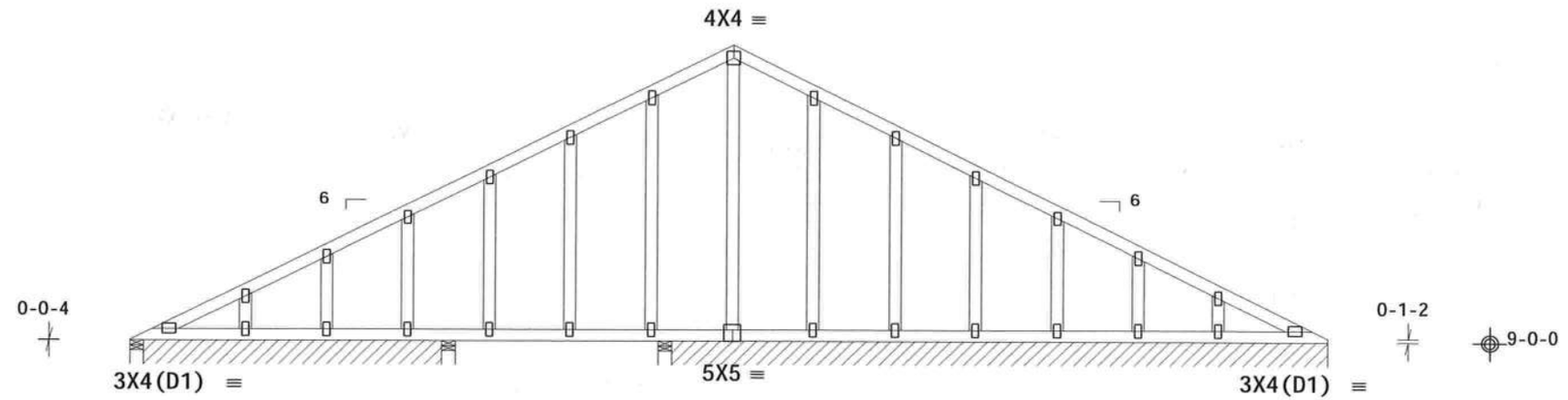
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

See DWGS A14015ENC101014 & GBLLETIN1014 for gable wind bracing requirements.

The overall height of this truss excluding overhang is 7-5-4.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 16-01-00-0413-17 QTY:1 FL/-/1/-/-/R/- Scale =.25"/Ft.

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TC LL	20.0 PSF	REF	R215-- 55366
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224023
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461280
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_ZO1

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - D01)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

These support conditions used at bearings indicated
(H1) = LUS26 w/ (2)2x6 SP M-31 supporting member.
(4) 0.148"x3" nails into supporting member,
(4) 0.148"x3" nails into supported member.

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

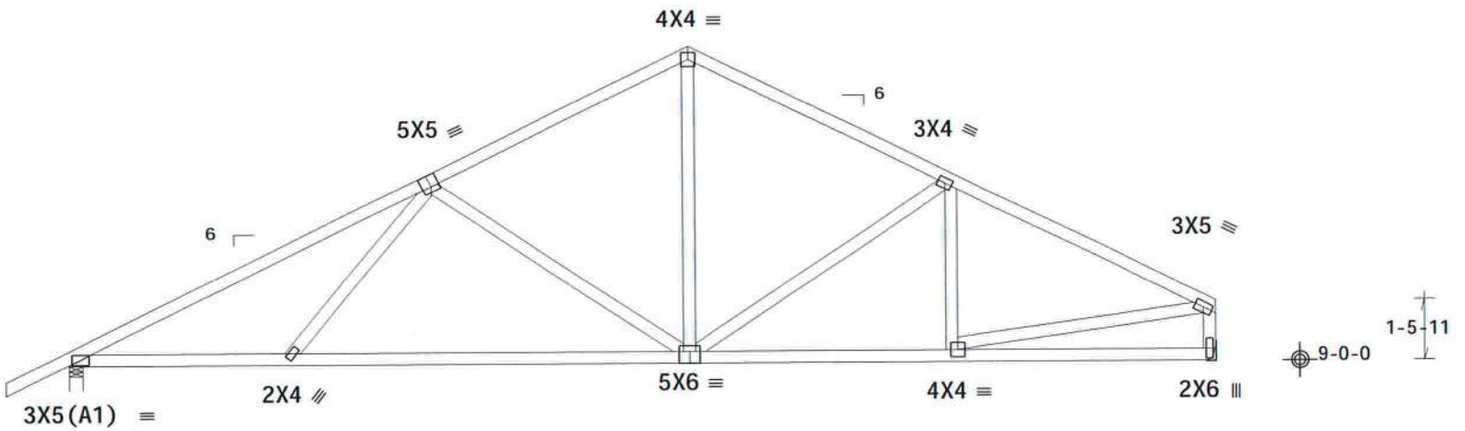
130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

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

The overall height of this truss excluding overhang is 7-9-3.



Design Crit: FBC2014Res/TPI-2007(STD)
FT/RT=20%(0%)/10(0)

16 01 00 0413 11 QTY:1 FL/-/1/-/-/R/- Scale =.25"/Ft.

PLT TYP. Wave

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TC LL	20.0 PSF	REF	R215-- 55367
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224024
BC LL	0.0 PSF		HC-ENG KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461274
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - D02)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

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

The overall height of this truss excluding overhang is 7-9-3.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

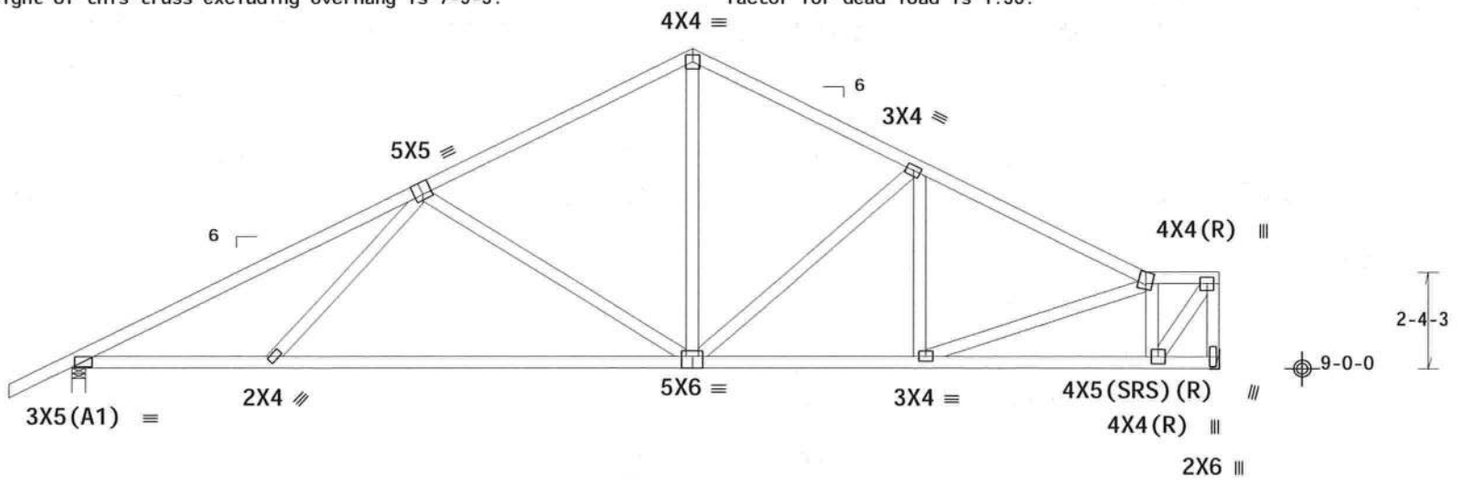
Wind loads and reactions based on MWFRS with additional C&C member design.

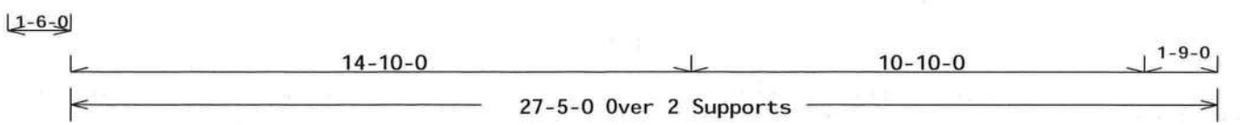
Right end vertical not exposed to wind pressure.

These support conditions used at bearings indicated
(H1) = LUS26 w/ (2)2x6 SP M-31 supporting member.
(4) 0.148"x3" nails into supporting member,
(4) 0.148"x3" nails into supported member.

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

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





R=1239 U=219 W=4"
RL=190/-174

R=1120 U=195
H=H1

Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=20%(0%)/10(0) | 16-01100-0413-17 | QTY:1 | FL/-/1/-/-/R/- | Scale =.25"/Ft.

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Orlando, FL 32837
FL COA #0278

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For more information see this job's general notes page and these web sites:
ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R215-- 55368
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224025
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461271
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - D03)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

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

The overall height of this truss excluding overhang is 7-9-3.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

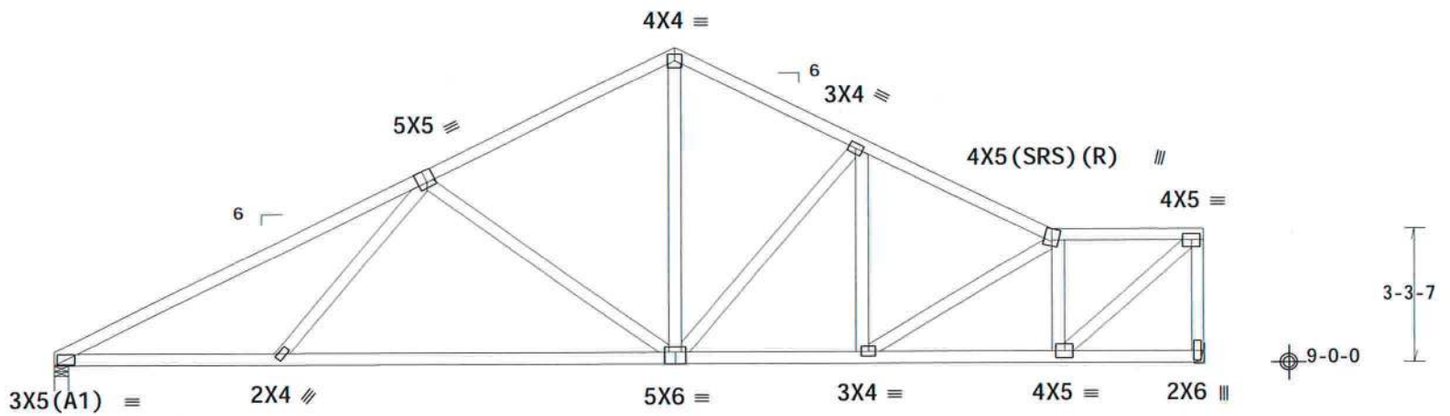
Wind loads and reactions based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

These support conditions used at bearings indicated
(H1) = LUS26 w/ (2)2x6 SP M-31 supporting member.
(4) 0.148"x3" nails into supporting member,
(4) 0.148"x3" nails into supported member.

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

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



14-10-0 | 8-11-8 | 3-7-8

27-5-0 Over 2 Supports

R=1135 U=188 W=4"
RL=169/-132

R=1123 U=201
H=H1

Design Crit: FBC2014Res/TPI-2007(STD)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave

16-01-00-0413-17 QTY:1 FL/-/1/-/-/R/- Scale =.25"/Ft.

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Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R215-- 55369
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224026
BC LL	0.0 PSF		HC-ENG KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461268
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_ZO1

08/11/2016

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - D04)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

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

The overall height of this truss excluding overhang is 7-9-3.

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

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

These support conditions used at bearings indicated
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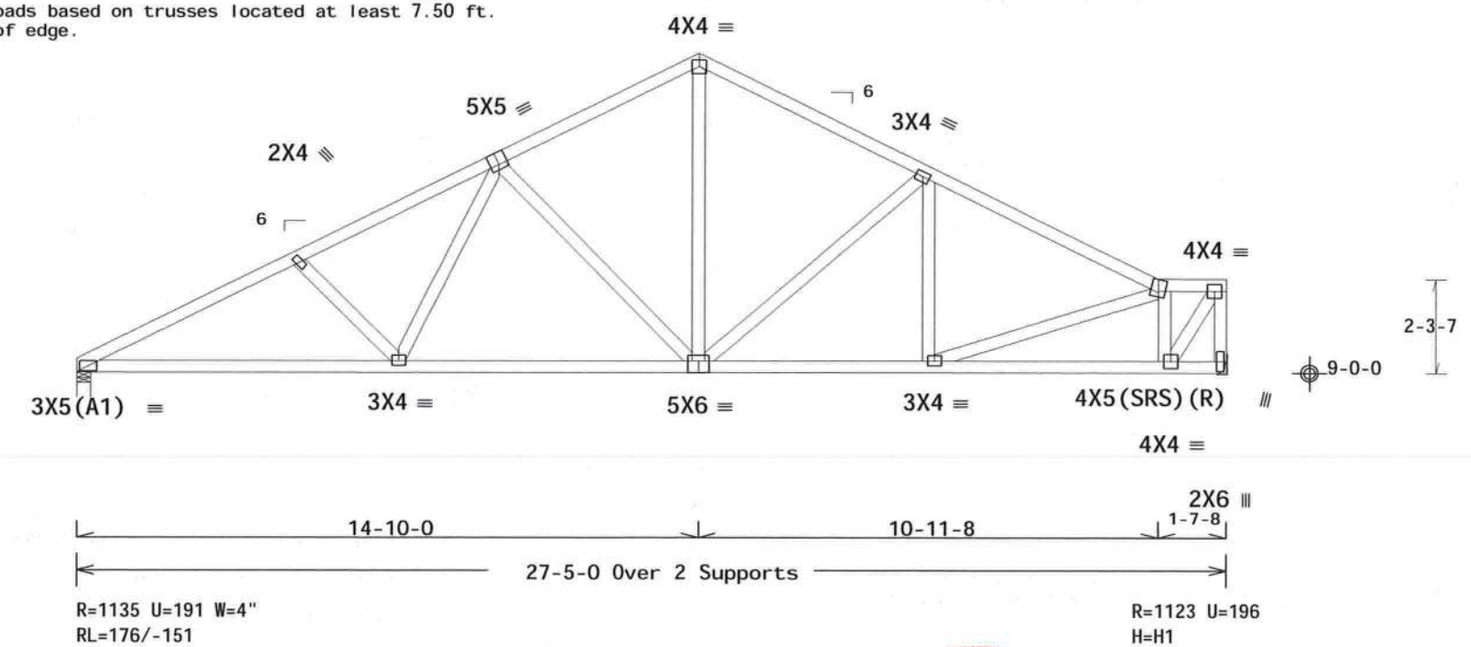
Bottom chord checked for 10.00 psf non-concurrent live load.

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



Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 16.01.00.0413.17 QTY:1 FL/-/1/-/-/R/- Scale =.25"/Ft.

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Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R215-- 55370
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224027
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461315
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

08/11/2016

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - D05)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

These support conditions used at bearings indicated
(H1) = LUS26 w/ (2)2x6 SP M-31 supporting member.
(4) 0.148"x3" nails into supporting member,
(4) 0.148"x3" nails into supported member.

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

The overall height of this truss excluding overhang is 7-9-3.

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

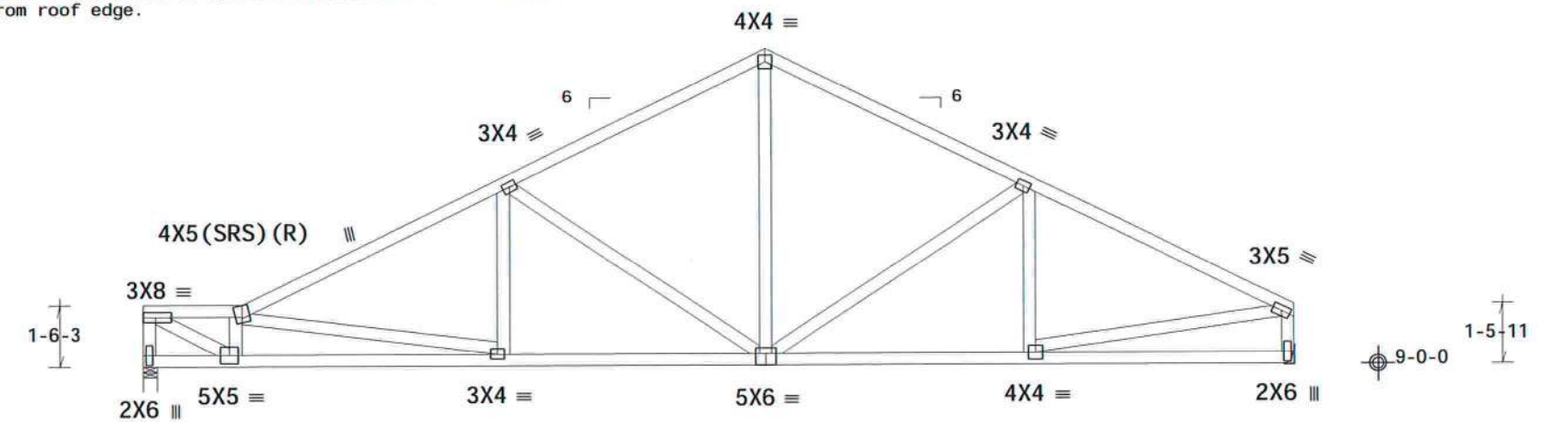
130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

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

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



Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 16 01.00.0413.17 QTY:1 FL/-/1/-/-/R/- Scale =.25"/Ft.

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Orlando, FL 32837
FL COA #0 278

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TC LL	20.0 PSF	REF	R215-- 55371
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224028
BC LL	0.0 PSF		HC-ENG KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461316
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_ZO1

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - D06)

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

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

Left end vertical not exposed to wind pressure.

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

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

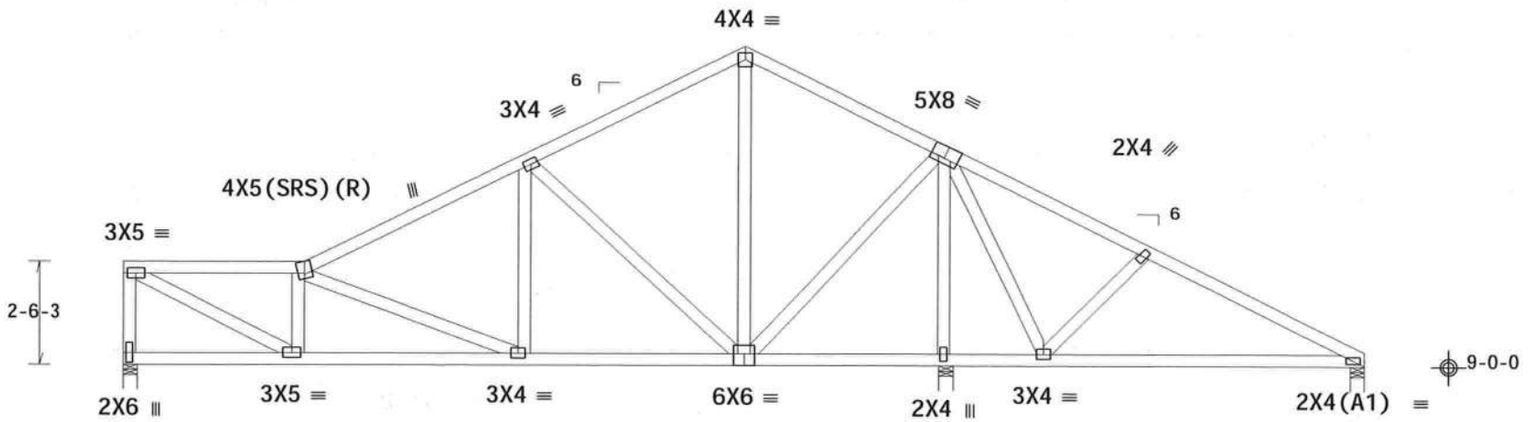
130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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

The overall height of this truss excluding overhang is 7-9-3.

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



Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 16-01-00-0419-17 QTY:1 FL/-/1/-/-/R/- Scale =.25"/Ft.

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TC LL	20.0 PSF	REF	R215-- 55372
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224029
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461317
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - D07)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

Left end vertical not exposed to wind pressure.

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

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

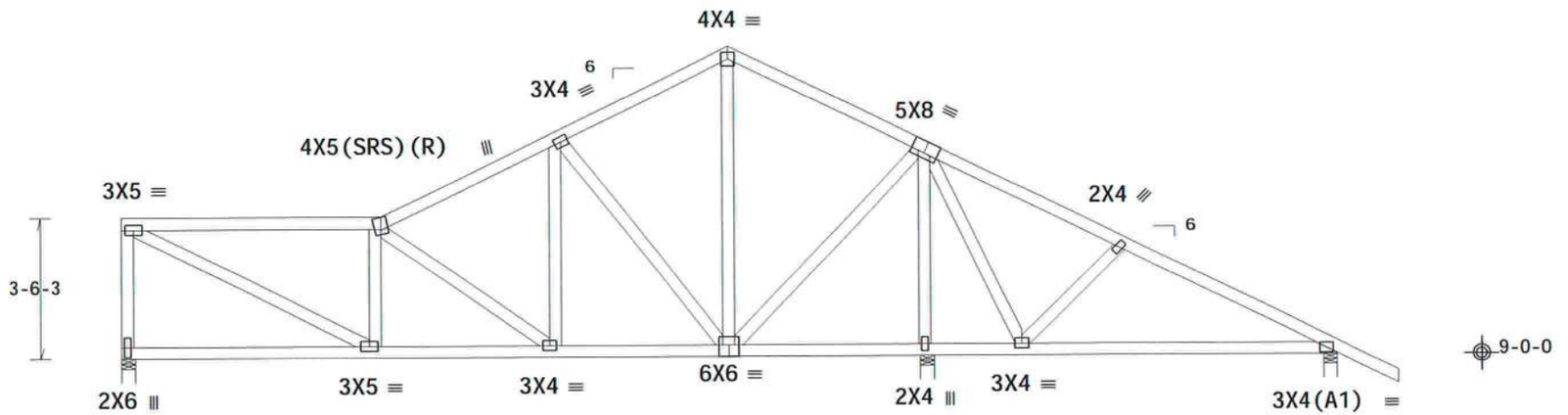
130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

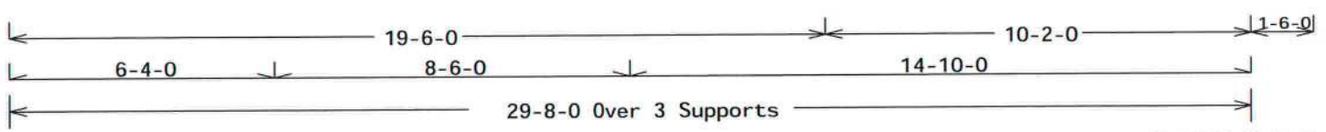
Wind loads and reactions based on MWFRS with additional C&C member design.

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

The overall height of this truss excluding overhang is 7-9-3.

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





R=733 U=135 W=4"
RL=152/-182

R=1471 U=252 W=4"

R=416 U=65 W=4"

Design Crit: FBC2014Res/TPI-2007(STD)
FT/RT=20%(0%)/10(0)

16-01-00-0413-17

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

Scale =.25"/Ft.

PLT TYP. Wave

WILLIAM H. KRUCK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

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

REF	R215-- 55373
DATE	08/11/16
DRW	HCUSR215 16224030
HC-ENG	KD/WHK
SEQN-	461318
FROM	CDM
JREF-	1VT4215_Z01

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Orlando, FL 32837
FL COA #0 278

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08/11/2016

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - D08)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

Left end vertical not exposed to wind pressure.

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

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

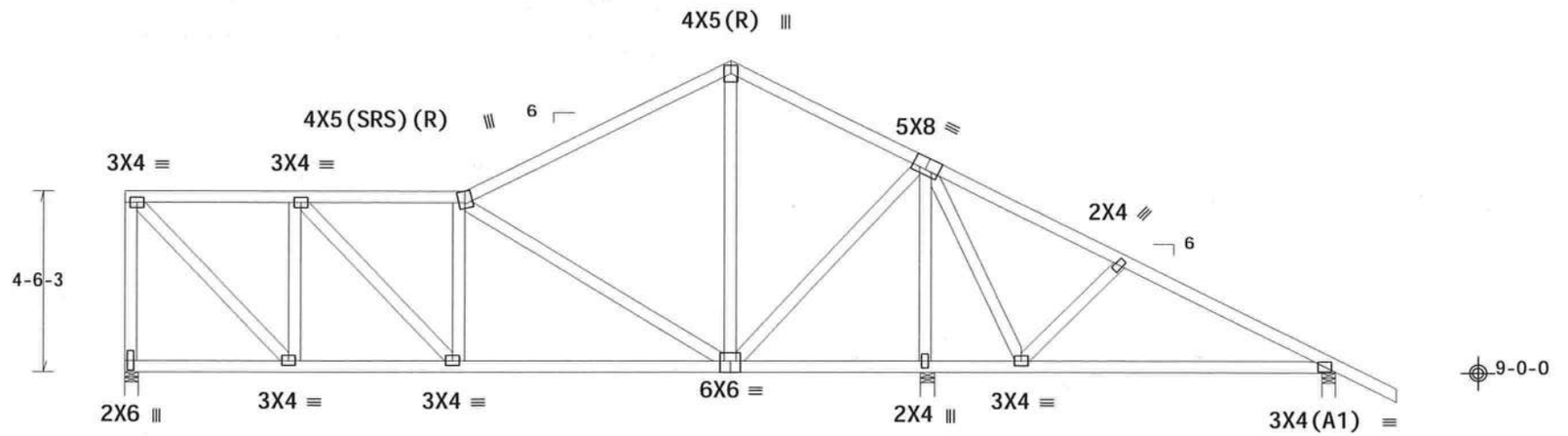
130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

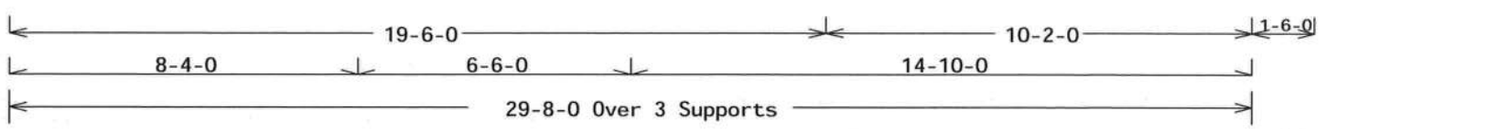
Wind loads and reactions based on MWFRS with additional C&C member design.

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

The overall height of this truss excluding overhang is 7-9-3.

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





R=754 U=146 W=4"
RL=133/-176

R=1409 U=235 W=4"

R=437 U=73 W=4"

Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 16.01.00.0413.37 QTY:1 FL/-/1/-/-/R/- Scale =.25"/Ft.

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

ALPINE AN ITW COMPANY

2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

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For more information see this job's general notes page and these web sites:
ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

TC LL	20.0 PSF	REF R215-- 55374
TC DL	10.0 PSF	DATE 08/11/16
BC DL	10.0 PSF	DRW HCUSR215 16224031
BC LL	0.0 PSF	HC-ENG KD/WHK
TOT.LD.	40.0 PSF	SEQN- 461319
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1VT4215_Z01

08/11/2016

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - D09)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

End verticals not exposed to wind pressure.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

These support conditions used at bearings indicated
(H1) = LUS26 w/ (2)2x6 SP M-31 supporting member.
(4) 0.148"x3" nails into supporting member,
(3) 0.148"x3" nails into supported member.

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

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

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

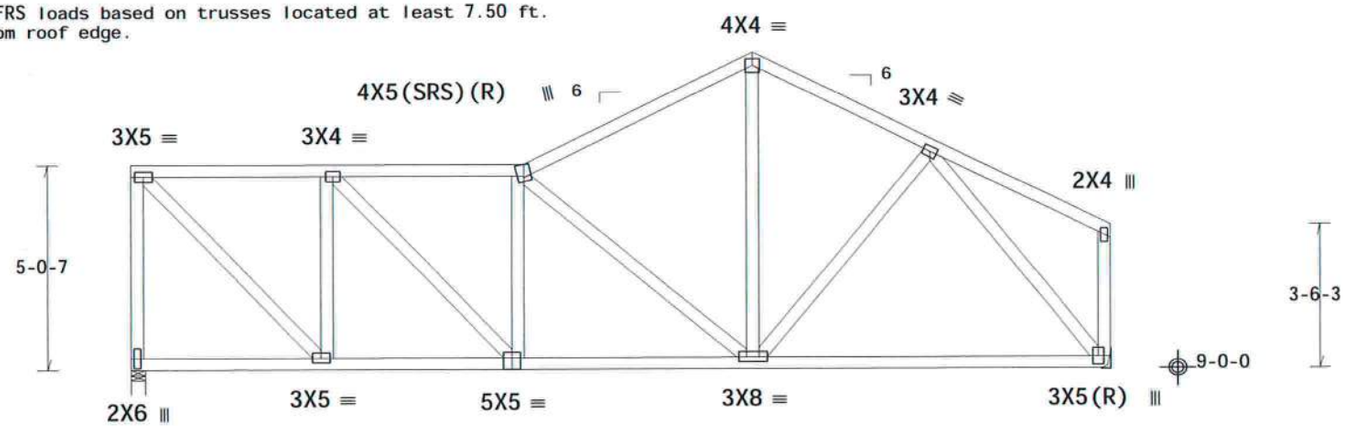
Wind loads and reactions based on MWFRS with additional C&C member design.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

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.

The overall height of this truss excluding overhang is 7-9-3.



R=961 U=181 W=4"
RL=78/-98

R=961 U=158
H=H1

Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 16.01.00.0413.17 QTY:1 FL/-/1/-/-/R/- Scale =.25"/Ft.

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AN ITW COMPANY

2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R215-- 55375
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224032
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461320
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

08/11/2016

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - D10)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

End verticals not exposed to wind pressure.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

These support conditions used at bearings indicated
(H1) = LUS26 w/ (2)2x6 SP M-31 supporting member.
(4) 0.148"x3" nails into supporting member,
(3) 0.148"x3" nails into supported member.

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

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

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

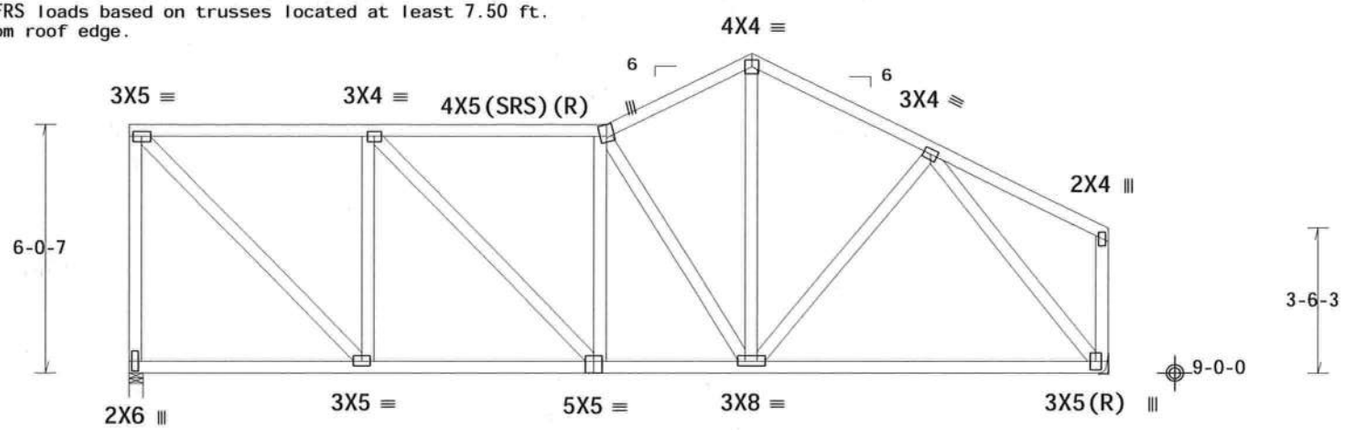
Wind loads and reactions based on MWFRS with additional C&C member design.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

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.

The overall height of this truss excluding overhang is 7-9-3.



Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 16.01.00.04 3.17 QTY:1 FL/-/1/-/-/R/- Scale =.25"/Ft.

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FL COA #0 278

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TC LL	20.0 PSF	REF	R215-- 55376
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224033
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461321
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

08/11/2016

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - D11)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

End verticals not exposed to wind pressure.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

These support conditions used at bearings indicated
(H1) = LUS26 w/ (2)2x6 SP M-31 supporting member.
(4) 0.148"x3" nails into supporting member,
(3) 0.148"x3" nails into supported member.

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

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

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

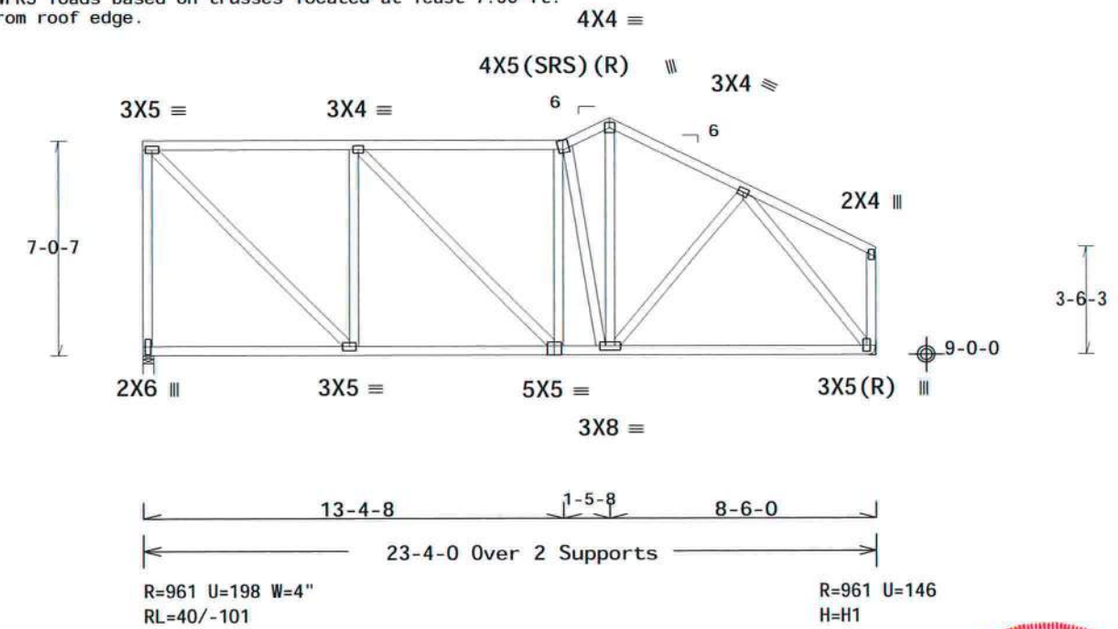
Wind loads and reactions based on MWFRS with additional C&C member design.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

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.

The overall height of this truss excluding overhang is 7-9-3.



Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 16.01.00.0463.17 QTY:1 FL/-/1/-/-/R/- Scale =.1875"/Ft.

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

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ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

TC LL	20.0 PSF	REF	R215-- 55377
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224034
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461322
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_ZO1

08/11/2016

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - D12)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

End verticals not exposed to wind pressure.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

These support conditions used at bearings indicated
(H1) = LUS26 w/ (2)2x6 SP M-31 supporting member.
(4) 0.148"x3" nails into supporting member,
(3) 0.148"x3" nails into supported member.

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

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

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

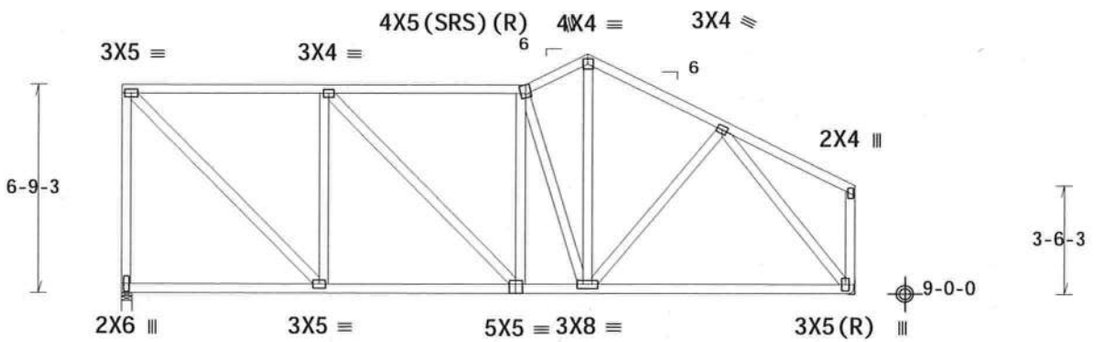
Wind loads and reactions based on MWFRS with additional C&C member design.

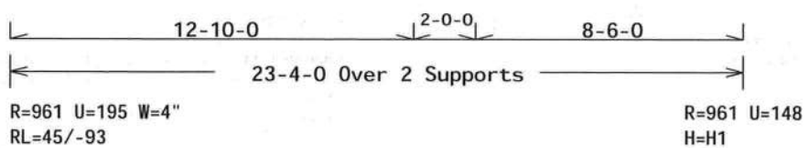
Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

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.

The overall height of this truss excluding overhang is 7-9-3.





R=961 U=195 W=4"
RL=45/-93

R=961 U=148
H=H1

Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 16.01.00.0453.17 QTY:1 FL/-/1/-/-/R/- Scale =.1875"/Ft.

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Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R215-- 55378
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224035
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461310
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_ZO1

08/11/2016

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - D13)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

End verticals not exposed to wind pressure.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

These support conditions used at bearings indicated
(H1) = LUS26 w/ (2)2x6 SP M-31 supporting member.
(4) 0.148"x3" nails into supporting member,
(3) 0.148"x3" nails into supported member.
(H2) = LUS26 w/ (2)2x6 SP M-31 supporting member.
(4) 0.148"x3" nails into supporting member,
(3) 0.148"x3" nails into supported member.

The overall height of this truss excluding overhang is 7-5-4.

NOTE: LATERALLY BRACE TOP CHORD BELOW FILLER AT 2'0" O.C. MAX. INCLUDING A LATERAL BRACE AT CHORD ENDS.

130 mph wind, 15.05 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

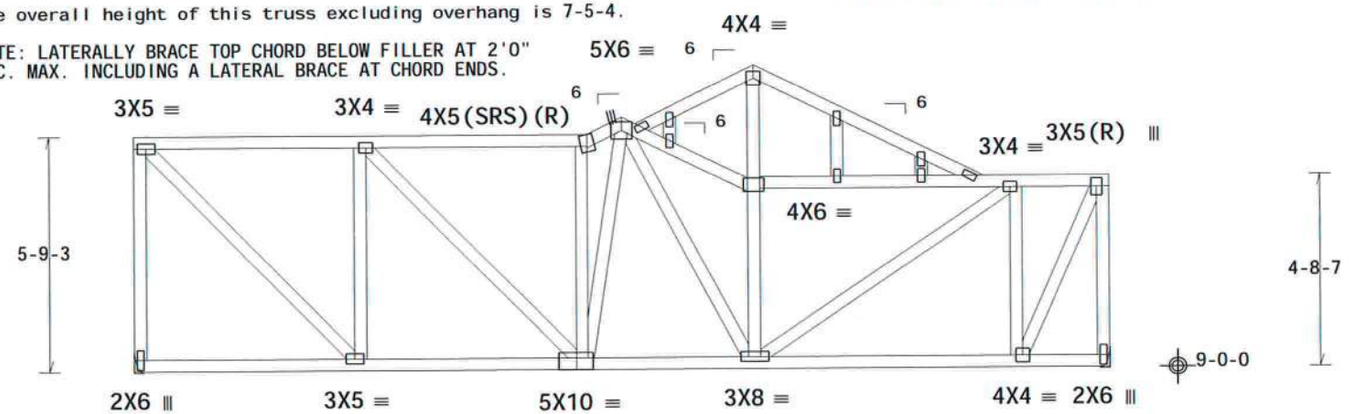
Wind loads and reactions based on MWFRS with additional C&C member design.

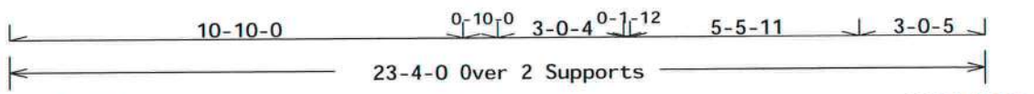
Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

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

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

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





R=961 U=179
RL=48/-63

R=961 U=157
H=H2

Note: All Plates Are 2X4 Except As Shown.

Design Crit: FBC2014Res/TPI-2007(STD)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave

16-01-00-0413-17 QTY:1 FL/-/1/-/-/R/- Scale =.25"/Ft.

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Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRICK LICENSED No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R215-- 55379
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224036
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461214
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

08/11/2016

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - G)

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

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

End verticals not exposed to wind pressure.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

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(3) 0.148"x3" nails into supported member.
(H2) = LUS26 w/ (2)2x6 SP M-31 supporting member.
(4) 0.148"x3" nails into supporting member,
(3) 0.148"x3" nails into supported member.

The overall height of this truss excluding overhang is 6-2-3.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

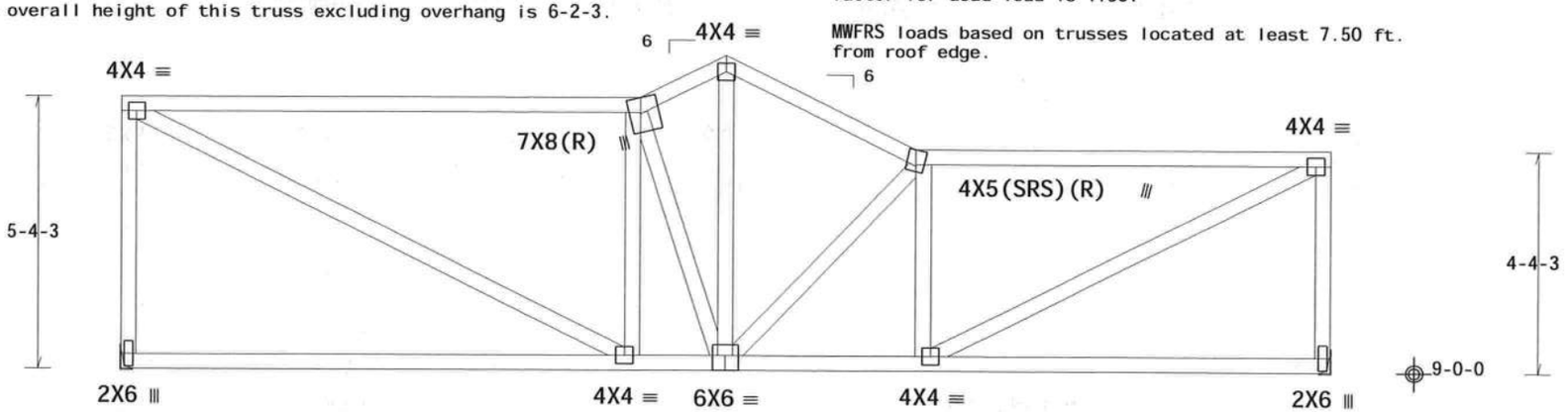
Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

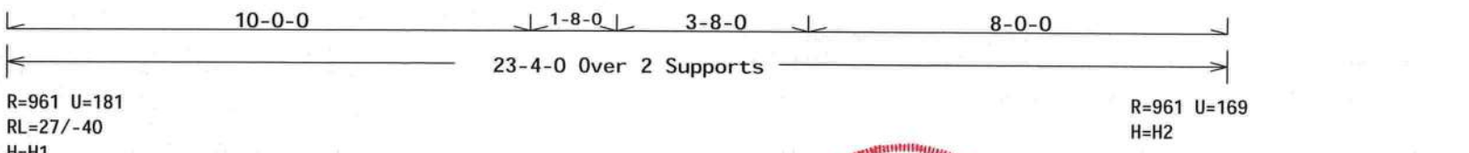
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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

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





R=961 U=181
RL=27/-40
H=H1

R=961 U=169
H=H2

Design Crit: FBC2014Res/TPI-2007(STD)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave

16.01.00.04.13.17 QTY:1 FL/-/1/-/-/R/- Scale =.3125"/Ft.

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

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For more information see this job's general notes page and these web sites:
ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

TC LL	20.0 PSF	REF	R215-- 55380
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224037
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461205
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

08/11/2016

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - G1)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

End verticals not exposed to wind pressure.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

These support conditions used at bearings indicated
(H1) = LUS26 w/ (2)2x6 SP M-31 supporting member.
(4) 0.148"x3" nails into supporting member,
(3) 0.148"x3" nails into supported member.
(H2) = LUS26 w/ (2)2x6 SP M-31 supporting member.
(4) 0.148"x3" nails into supporting member,
(3) 0.148"x3" nails into supported member.

The overall height of this truss excluding overhang is 6-2-3.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

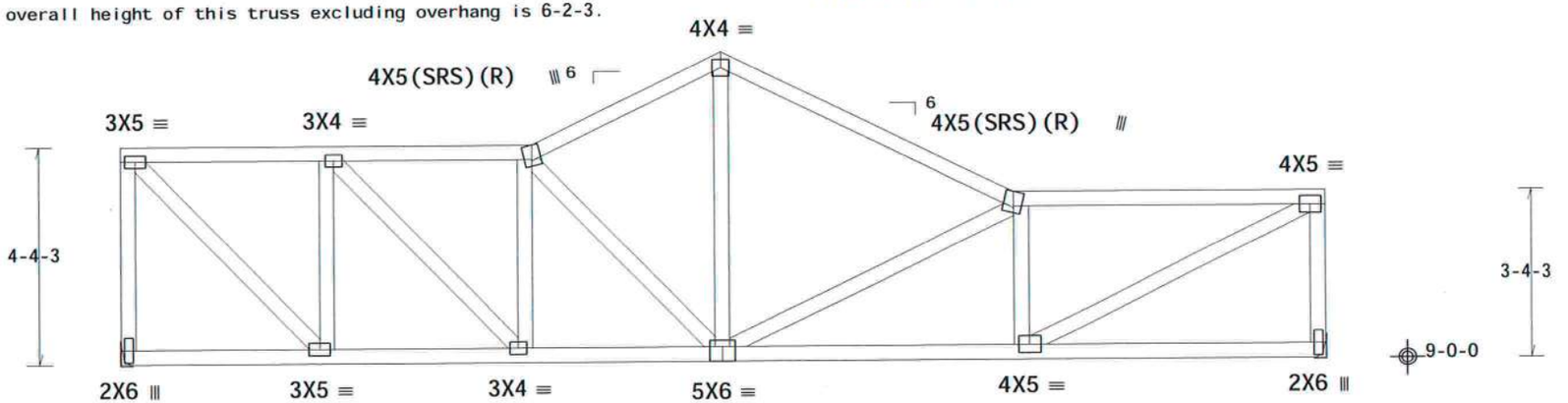
Wind loads and reactions based on MWFRS with additional C&C member design.

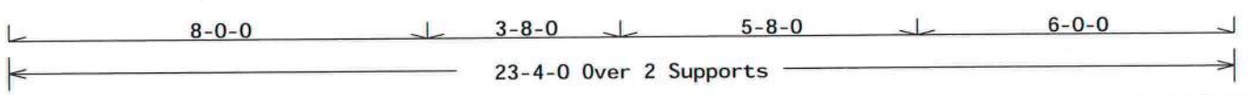
Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

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

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

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





R=961 U=177
RL=52/-65
H=H1

R=961 U=167
H=H2

Design Crit: FBC2014Res/TPI-2007(STD)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave

16 01 00 0413 17 QTY:1 FL/-/1/-/-/R/- Scale =.3125"/Ft.

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

ALPINE™ AN ITW COMPANY

2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

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For more information see this job's general notes page and these web sites:
ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

TC LL	20.0 PSF	REF	R215-- 55381
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224038
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461201
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

08/11/2016

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - G2)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

End verticals not exposed to wind pressure.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

These support conditions used at bearings indicated
(H1) = LUS26 w/ (2)2x6 SP M-31 supporting member.
(4) 0.148"x3" nails into supporting member,
(3) 0.148"x3" nails into supported member.
(H2) = LUS26 w/ (2)2x6 SP M-31 supporting member.
(4) 0.148"x3" nails into supporting member,
(3) 0.148"x3" nails into supported member.

The overall height of this truss excluding overhang is 6-2-3.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

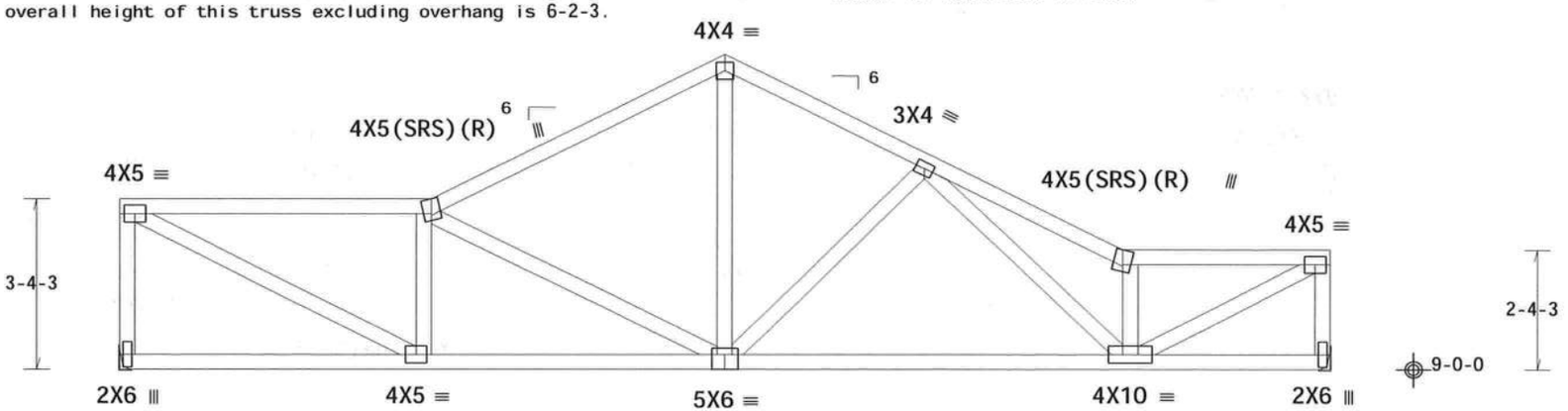
Wind loads and reactions based on MWFRS with additional C&C member design.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

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

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

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



6-0-0 5-8-0 7-8-0 4-0-0

23-4-0 Over 2 Supports

R=961 U=174
RL=78/-90
H=H1

R=961 U=166
H=H2

Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 16 01 00 041317 QTY:1 FL/-/1/-/-/R/- Scale =.3125"/Ft.

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2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R215-- 55382
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224039
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461198
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

08/11/2016

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - G3)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

Left end vertical not exposed to wind pressure.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

These support conditions used at bearings indicated
(H1) = LUS26 w/ (2)2x6 SP M-31 supporting member.
(4) 0.148"x3" nails into supporting member,
(3) 0.148"x3" nails into supported member.
(H2) = LUS26 w/ (2)2x6 SP M-31 supporting member.
(4) 0.148"x3" nails into supporting member,
(3) 0.148"x3" nails into supported member.

The overall height of this truss excluding overhang is 6-2-3.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

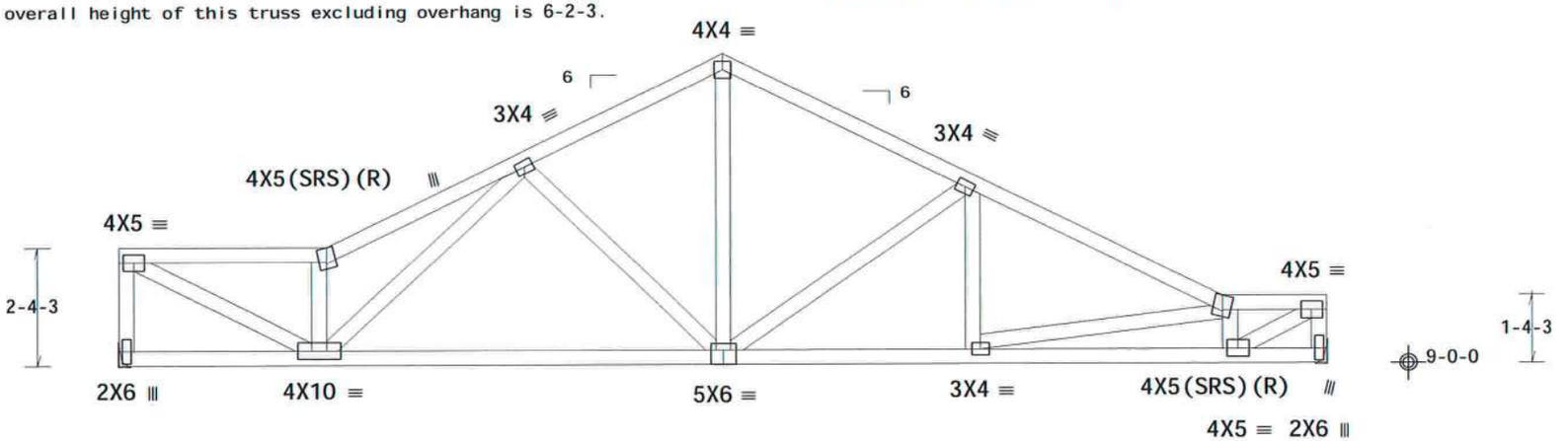
Wind loads and reactions based on MWFRS with additional C&C member design.

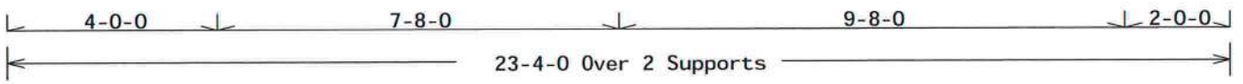
Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

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

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

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





R=961 U=171
RL=103/-116
H=H1

R=961 U=165
H=H2

Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=20%(0%)/10(0) | 16 01 00 0413 17 | QTY:1 | FL/-/1/-/-/R/- | Scale =.3125"/Ft.

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2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R215-- 55383
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224040
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461195
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_ZO1

08/11/2016

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - G4)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

These support conditions used at bearings indicated
(H1) = LUS26 w/ (2)2x6 SP M-31 supporting member.
(4) 0.148"x3" nails into supporting member,
(3) 0.148"x3" nails into supported member.

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

The overall height of this truss excluding overhang is 6-2-3.

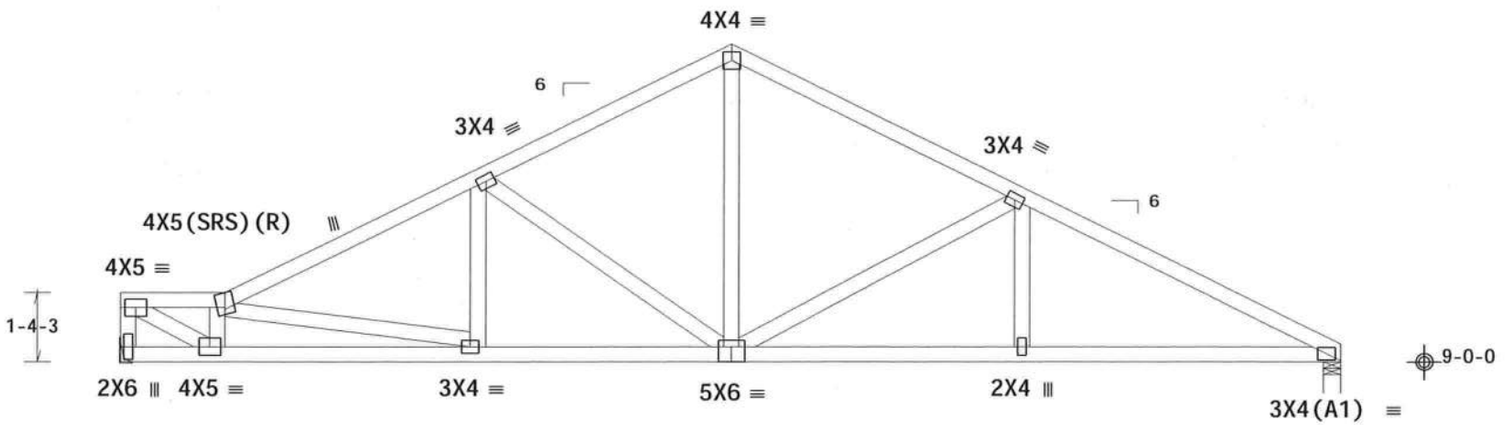
130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

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

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



2-0-0 | 9-8-0 | 11-8-0

23-4-0 Over 2 Supports

R=955 U=166
RL=129/-141
H=H1

R=967 U=163 W=4"

PLT TYP. Wave

Design Crit: FBC2014Res/TPI-2007(STD)
FT/RT=20%(0%)/10(0) 16 01 00 0413 47 QTY:1 FL/-/1/-/-/R/- Scale =.3125"/Ft.

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

ALPINE™ AN ITW COMPANY

2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

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ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

TC LL	20.0 PSF	REF	R215-- 55384
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224041
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461192
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

08/11/2016

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - G5)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

Truss designed to support 2-0-0 top chord outlookers and cladding load not to exceed 2.30 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched.

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

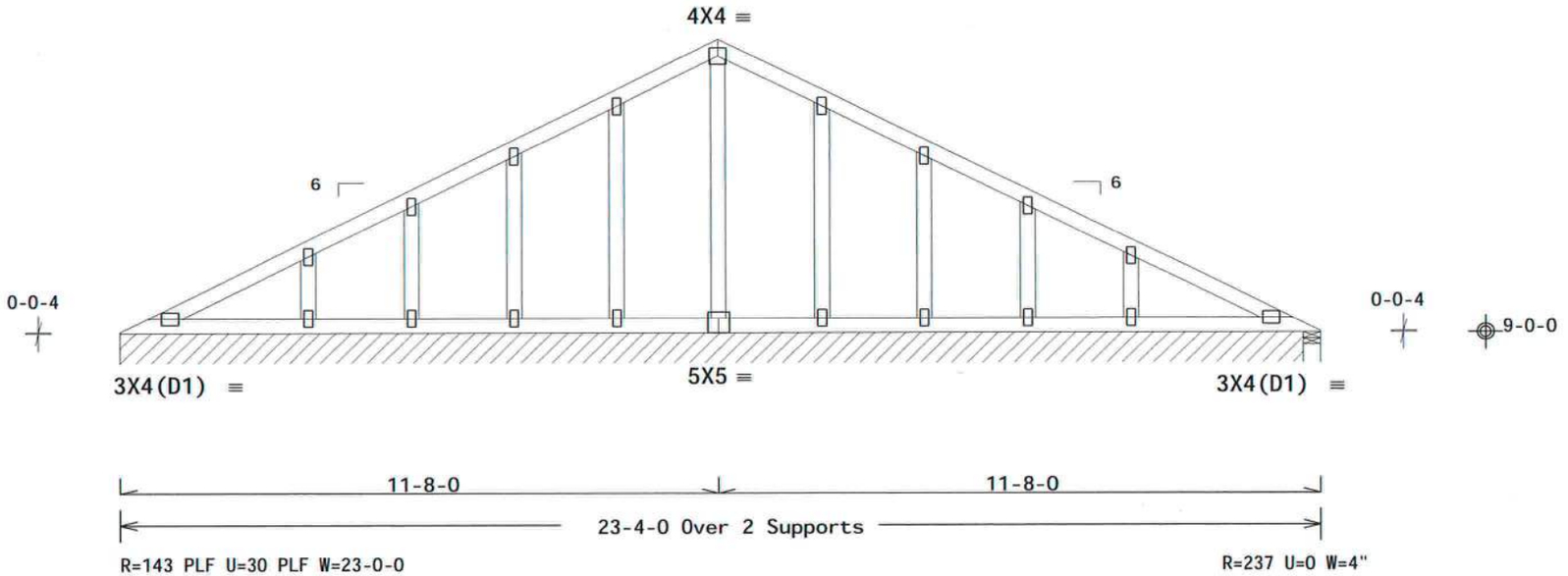
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

See DWGS A14015ENC101014 & GBLLETIN1014 for gable wind bracing requirements.

The overall height of this truss excluding overhang is 5-10-4.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 16.01.00.0413.17 QTY:1 FL/-/1/-/-/R/- Scale =.3125"/Ft.

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AN ITW COMPANY
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

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TC LL	20.0 PSF	REF	R215-- 55385
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224042
BC LL	0.0 PSF		HC-ENG KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461217
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

08/11/2016

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - H)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

Truss designed to support 2-0-0 top chord outlookers and cladding load not to exceed 2.30 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched.

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

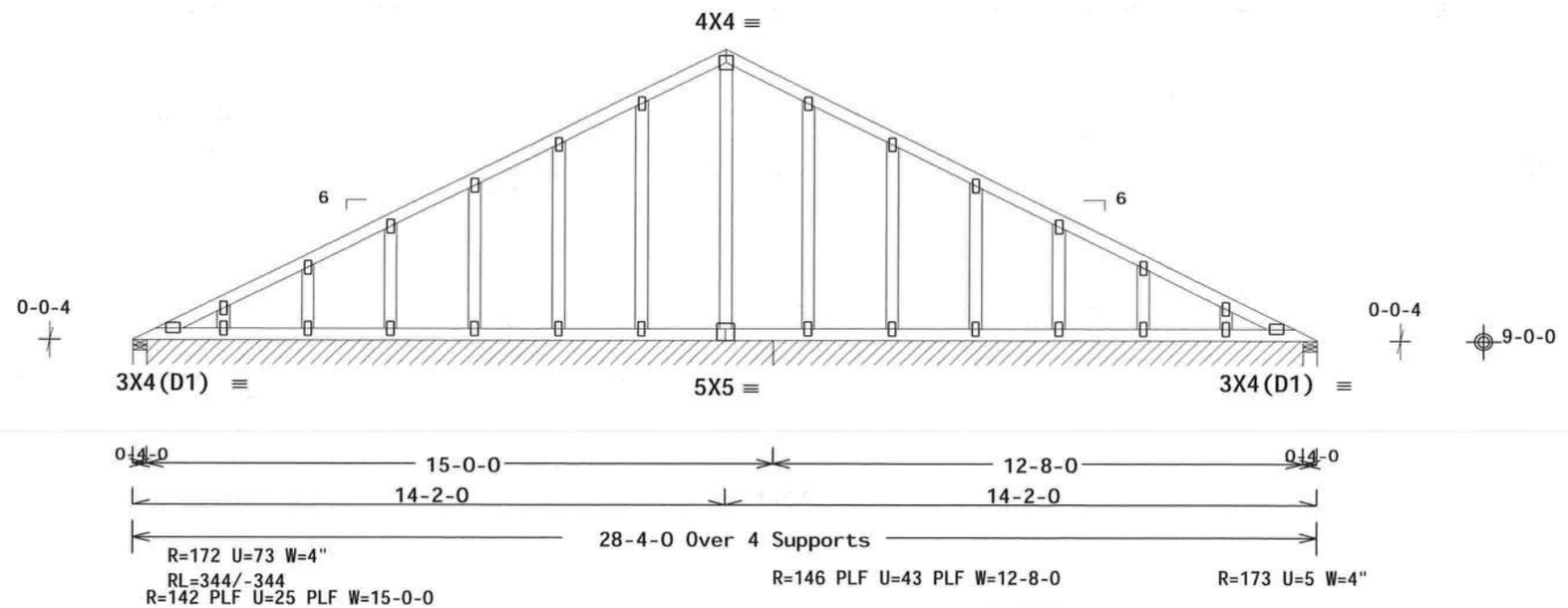
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

See DWGS A14015ENC101014 & GBLLETIN1014 for gable wind bracing requirements.

The overall height of this truss excluding overhang is 7-1-4.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 16-01-00-0413-17 QTY:1 FL/-/1/-/-/R/- Scale =.25"/Ft.

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2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R215-- 55386
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224043
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461347
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - H1)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

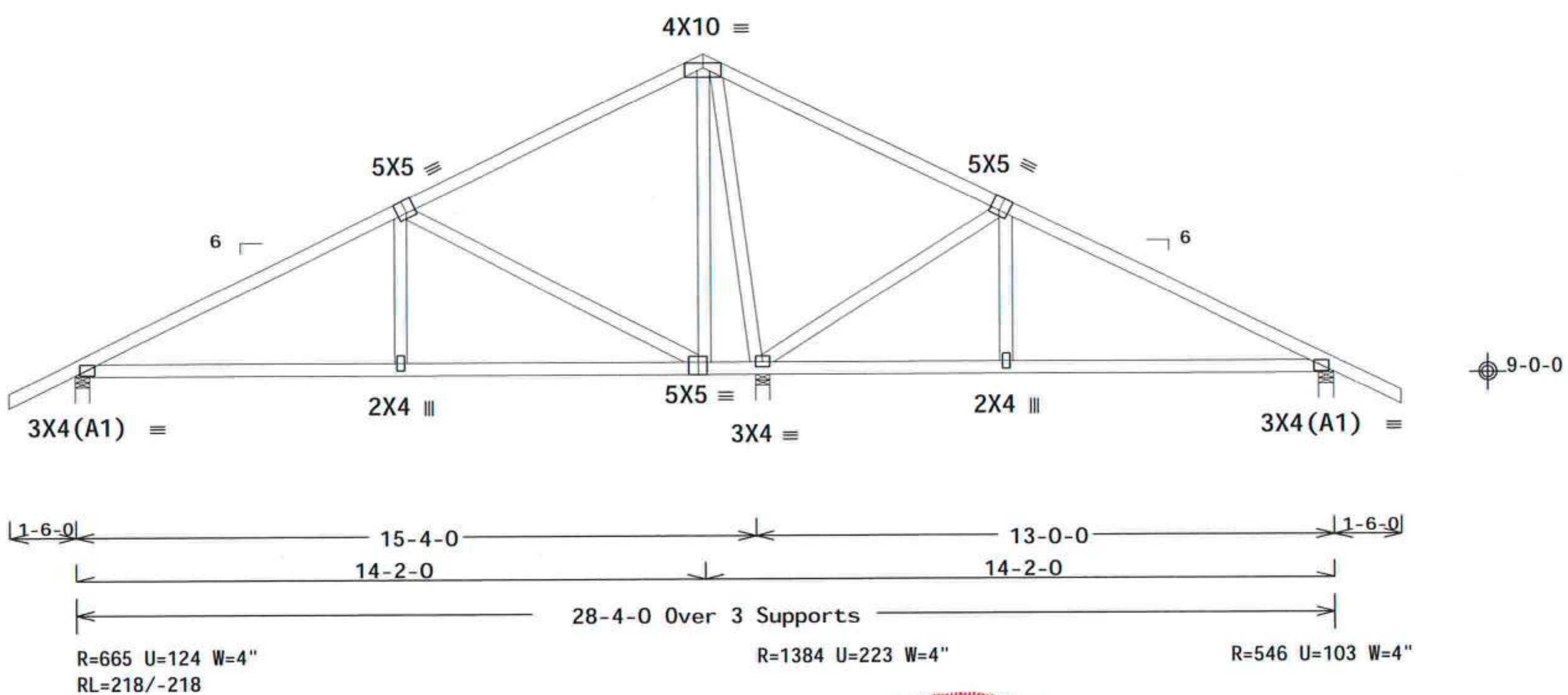
Bottom chord checked for 10.00 psf non-concurrent live load.

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

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

The overall height of this truss excluding overhang is 7-5-3.



PLT TYP. Wave

Design Crit: FBC2014Res/TPI-2007(STD)
FT/RT=20%(0%)/10(0) 16.01.00.0413.17 QTY:4 FL/-/1/-/-/R/- Scale =.25"/Ft.

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

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For more information see this job's general notes page and these web sites:
ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

ALPINE
AN ITW COMPANY
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF FLORIDA
PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R215-- 55387
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224044
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461339
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

08/11/2016

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - H2)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

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

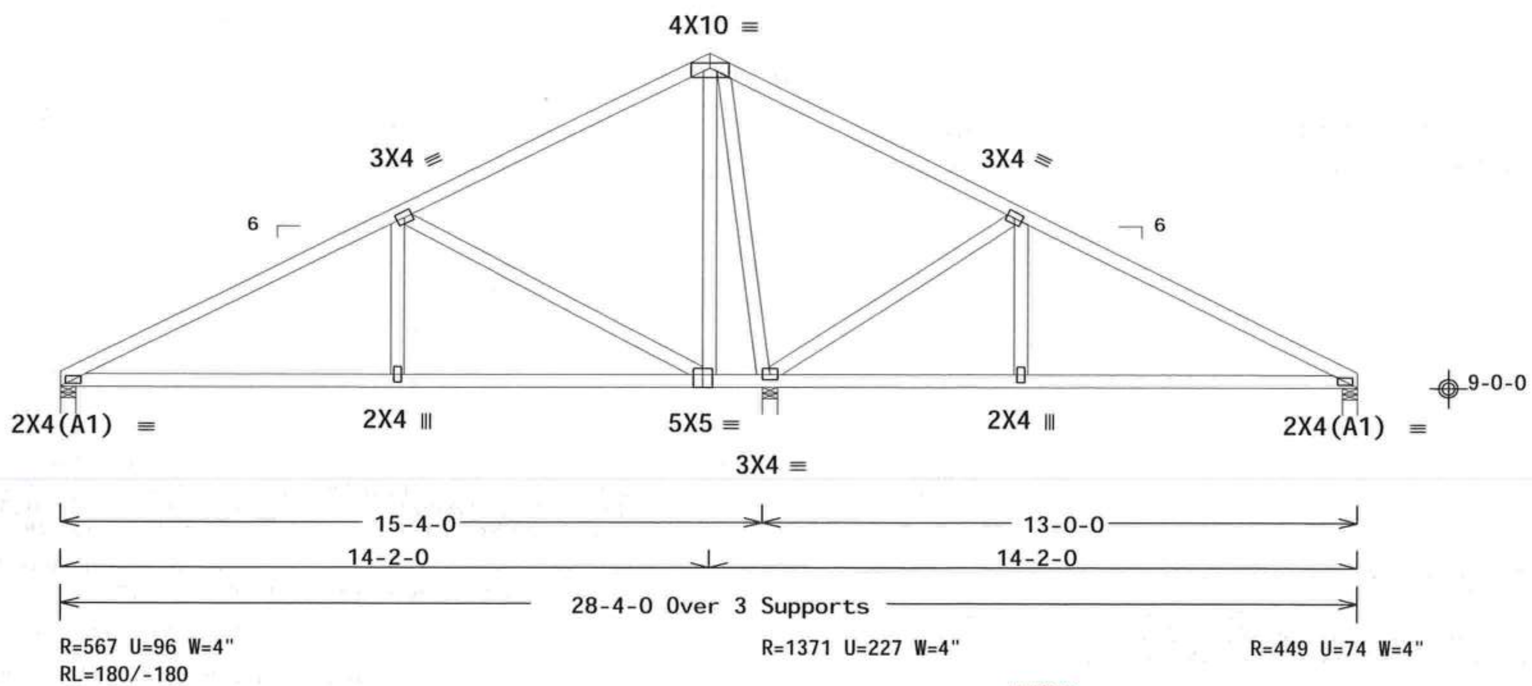
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

The overall height of this truss excluding overhang is 7-5-3.



PLT TYP. Wave

Design Crit: FBC2014Res/TPI-2007(STD)
FT/RT=20%(0%)/10(0) 16.01.00.0413.17 QTY:1 FL/-/1/-/-/R/- Scale =.25"/Ft.

ALPINE™ AN ITW COMPANY
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

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ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R215-- 55388
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224045
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461342
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

08/11/2016

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - H3)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31 :B2 2x6 SP M-31:
Webs 2x4 SP M-31

Special loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 62 plf at 0.00 to 62 plf at 14.17
TC- From 62 plf at 14.17 to 62 plf at 17.44
TC- From 31 plf at 17.44 to 31 plf at 28.33
BC- From 20 plf at 0.00 to 20 plf at 17.44
BC- From 10 plf at 17.44 to 10 plf at 28.33
PLB- 960.87 lb Conc. Load at (17.44, 9.04), (18.27,9.04), (20.27,9.04) (22.27,9.04), (24.27,9.04)
PLB- 954.83 lb Conc. Load at (26.27, 9.04)

Wind loads and reactions based on MWFRS.

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

WARNING! THIS TRUSS IS NOT SYMMETRIC, BUT ITS EXTERIOR GEOMETRY MAKES ERECTION ERROR MORE PROBABLE. IT IS IMPERATIVE THAT THIS TRUSS BE INSTALLED PROPERLY. TRUSS MANUFACTURER IS TO MARK THIS TRUSS FOR PROPER ERECTION.

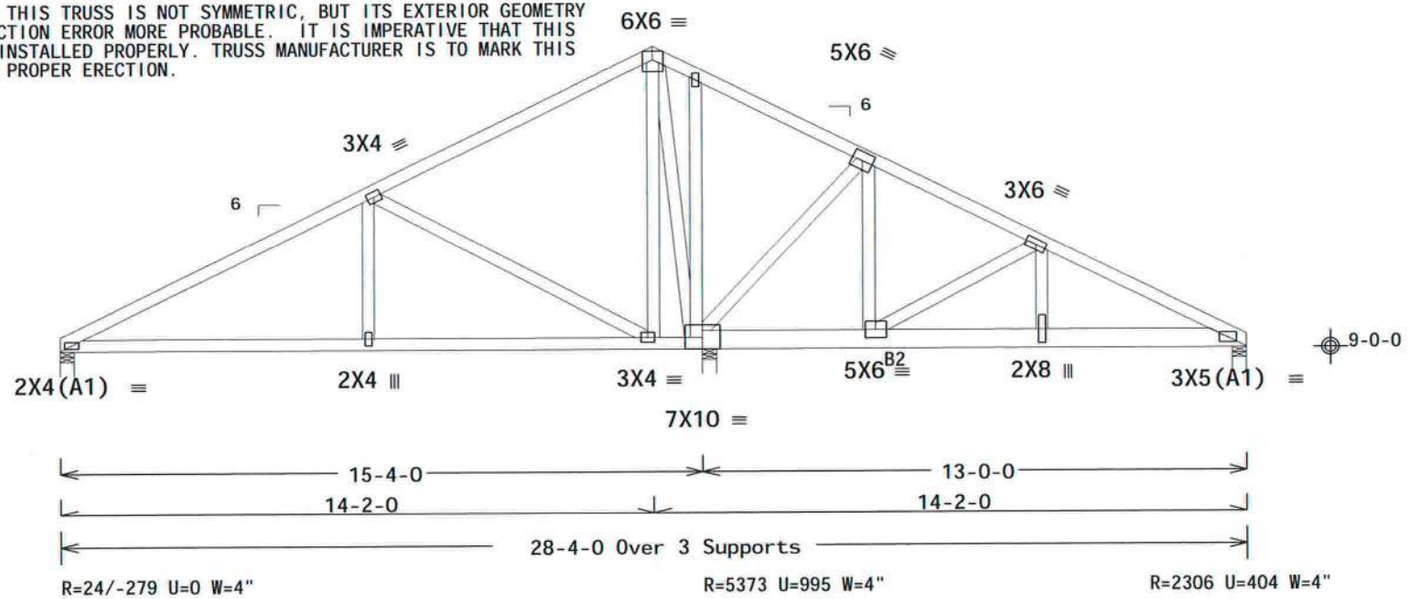
2 COMPLETE TRUSSES REQUIRED

Nail Schedule:0.131"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 7.50" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.
4" o.c. spacing of nails perpendicular and parallel to grain required in area over bearings greater than 4"

Negative reaction(s) of -279# MAX. (See below) from a non-wind load case requires uplift connection.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

The overall height of this truss excluding overhang is 7-5-3.



Design Crit: FBC2014Res/TPI-2007(STD)
FT/RT=20%(0%)/10(0)

PLT TYP. Wave

16-01-00-0413.17 QTY:1 FL/-/1/-/-/R/- Scale =.25"/Ft.

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

ALPINE AN ITW COMPANY
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0278

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ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

TC LL	20.0 PSF	REF	R215-- 55389
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224046
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461344
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_ZO1

08/11/2016

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - J)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

Left end vertical not exposed to wind pressure.

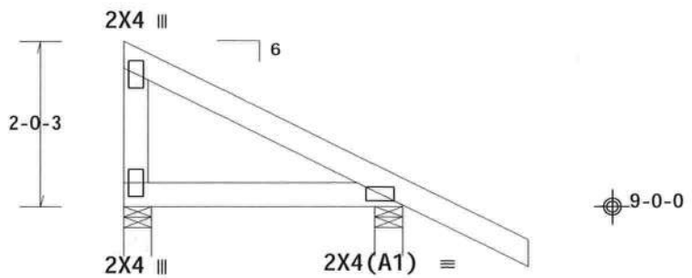
Bottom chord checked for 10.00 psf non-concurrent live load.

The overall height of this truss excluding overhang is 2-0-3.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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



1-6-0

3-4-0 Over 2 Supports

R=103 U=27 W=4"
RL=-68

R=272 U=44 W=4"

Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 16-01-00-0413-17 QTY:1 FL/-/1/-/-/R/- Scale =.5"/Ft.

ALPINE AN ITW COMPANY

2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0278

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ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

WILLIAM H. KRUCK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R215-- 55390
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224047
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461298
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - J1)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

Truss designed to support 2-0-0 top chord outlookers and cladding load not to exceed 2.30 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched.

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

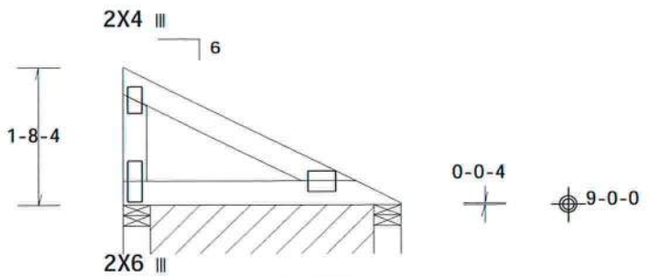
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

See DWGS A14015ENC101014 & GBLLETIN1014 for gable wind bracing requirements.

The overall height of this truss excluding overhang is 1-8-4.



0-4-0 2-8-0 0-4-0

3-4-0 Over 3 Supports

R=39 U=89 W=4" R=245 U=72 W=4"
RL=-218
R=76 PLF U=76 PLF W=2-8-0

Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 16 01 00 0413 17 QTY:1 FL/-/1/-/-/R/- Scale =.5"/Ft.

ALPINE AN ITW COMPANY

2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRUCK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R215-- 55391
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224048
BC LL	0.0 PSF		HC-ENG KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461290
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - K)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

Truss designed to support 2-0-0 top chord outlookers and cladding load not to exceed 2.30 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched.

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

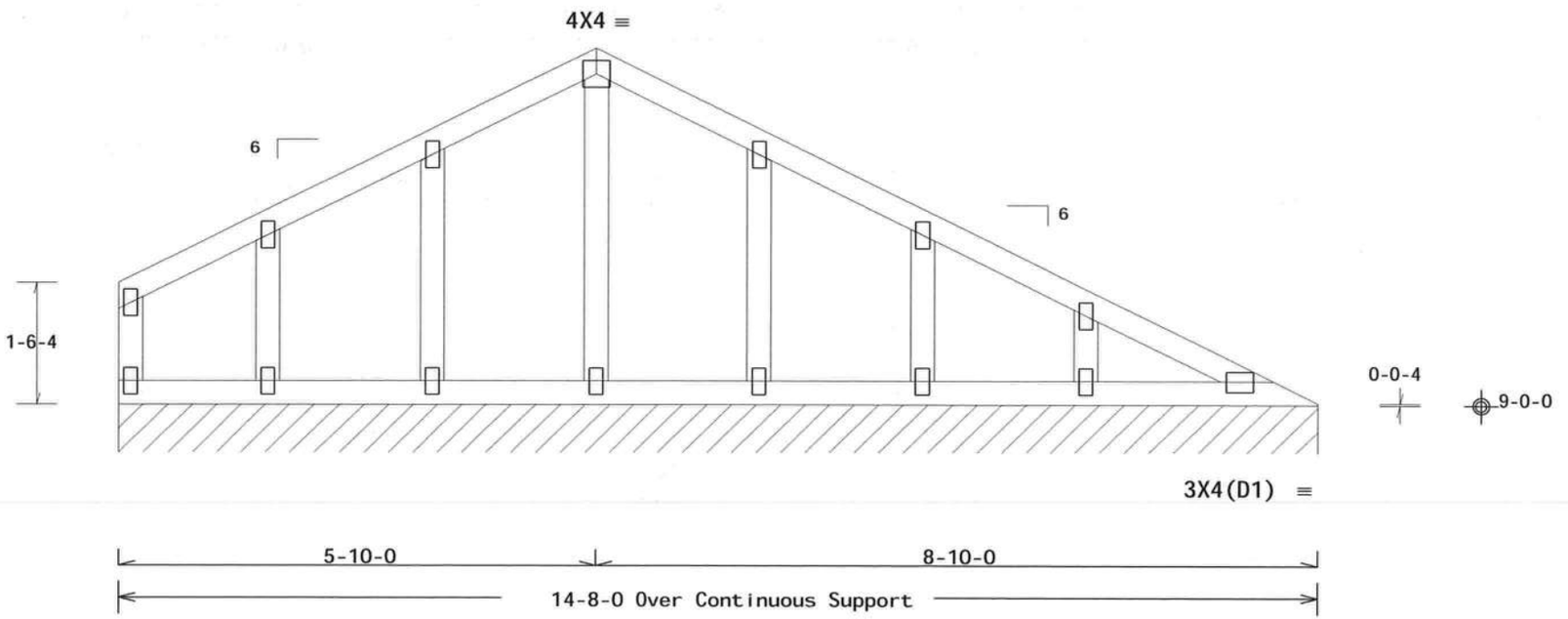
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

See DWGS A14015ENC101014 & GBLLETIN1014 for gable wind bracing requirements.

The overall height of this truss excluding overhang is 4-5-4.



R=150 PLF U=39 PLF W=14-8-0
RL=11/-13 PLF

Note: All Plates Are 2X4 Except As Shown.

Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 16.01.00.0454.17 QTY:1 FL/-/1/-/-/R/- Scale =.5"/Ft.

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2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R215-- 55392
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224049
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461256
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

08/11/2016

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - K1)

Top chord 2x4 SP M-31
Bot chord 2x4 SP M-31
Webs 2x4 SP M-31

Left end vertical not exposed to wind pressure.

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

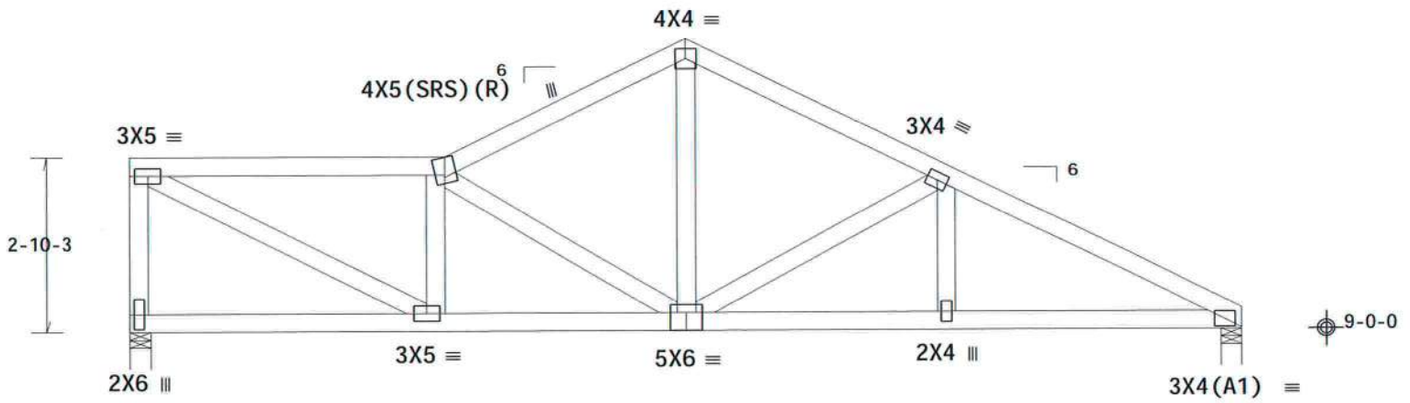
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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

The overall height of this truss excluding overhang is 4-9-3.



PLT TYP. Wave

Design Crit: FBC2014Res/TPI-2007(STD)
FT/RT=20%(0%)/10(0)

16.01.00.0413.17 QTY:1 FL/-/1/-/-/R/- Scale =.375"/Ft.

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R215-- 55393
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224050
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461254
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_ZO1

ALPINE AN ITW COMPANY

2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0278

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08/11/2016

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

(16-0863-/1100SF /DANIEL DUKES CONSTRUCTION -- , FL - K2)

Top chord 2x4 SP M-31
Bot chord 2x6 SP M-31
Webs 2x4 SP M-31

Special loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 62 plf at 0.00 to 62 plf at 6.08
TC- From 62 plf at 6.08 to 62 plf at 8.83
TC- From 31 plf at 8.83 to 31 plf at 17.67
BC- From 10 plf at 0.00 to 10 plf at 17.67
BC- 960.87 lb Conc. Load at 0.77, 2.77, 4.77, 6.77 8.77, 9.60,11.60,13.60,15.60

Wind loads and reactions based on MWFRS.

Left end vertical not exposed to wind pressure.

The overall height of this truss excluding overhang is 4-9-3.

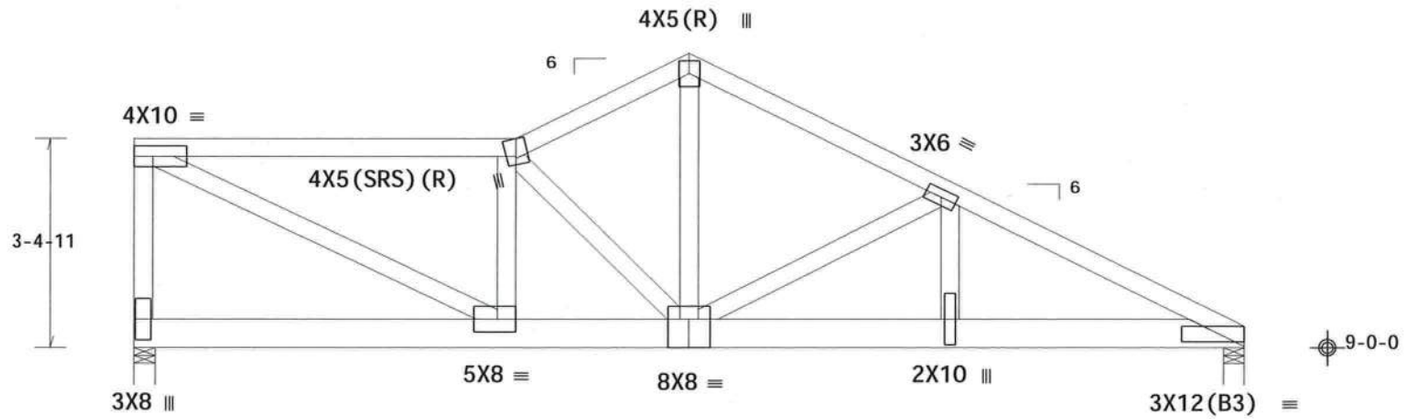
2 COMPLETE TRUSSES REQUIRED

Nail Schedule:0.131"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 3.25" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

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

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



Design Crit: FBC2014Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 16.01.00.0013.17 QTY:1 FL/-/1/-/-/R/- Scale =.375"/Ft.

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

ALPINE™ AN ITW COMPANY

2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

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ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

TC LL	20.0 PSF	REF	R215-- 55394
TC DL	10.0 PSF	DATE	08/11/16
BC DL	10.0 PSF	DRW	HCUSR215 16224051
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT.LD.	40.0 PSF	SEQN-	461326
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1VT4215_Z01

08/11/2016

Gable Stud Reinforcement Detail for Stucco Cladding

ASCE 7-10: 140 mph Wind Speed, 15' Mean Height, Enclosed, Exposure C, Kzt = 1.00

Or: 120 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00
Or: 120 mph Wind Speed, 15' Mean Height, Enclosed, Exposure D, Kzt = 1.00
Or: 100 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure D, Kzt = 1.00

Max Gable Vertical Length

2x4 Gable Vertical Spacing	Species	Brace Grade	No Braces	(1) 1x4 "L" Brace * Group A	(1) 1x4 "L" Brace * Group B	(1) 2x4 "L" Brace * Group A	(1) 2x4 "L" Brace * Group B	(2) 2x4 "L" Brace ** Group A	(2) 2x4 "L" Brace ** Group B	(1) 2x6 "L" Brace * Group A	(1) 2x6 "L" Brace * Group B	(2) 2x6 "L" Brace ** Group A	(2) 2x6 "L" Brace ** Group B
24" o.c.	SPF HF	#1 / #2	3' 9"	6' 4"	6' 7"	7' 6"	7' 10"	8' 11"	9' 4"	11' 9"	12' 3"	14' 0"	14' 0"
		#3	3' 7"	6' 3"	6' 6"	7' 5"	7' 8"	8' 10"	9' 2"	11' 7"	12' 1"	13' 10"	14' 0"
		Stud	3' 7"	6' 3"	6' 6"	7' 5"	7' 8"	8' 10"	9' 2"	11' 7"	12' 1"	13' 10"	14' 0"
		Standard	3' 7"	5' 8"	6' 0"	7' 5"	7' 8"	8' 10"	9' 2"	11' 7"	12' 1"	13' 10"	14' 0"
	SP DFL	#1	3' 11"	6' 5"	6' 8"	7' 7"	7' 11"	9' 0"	9' 5"	11' 11"	12' 4"	14' 0"	14' 0"
		#2	3' 9"	6' 4"	6' 7"	7' 6"	7' 10"	8' 11"	9' 4"	11' 9"	12' 3"	14' 0"	14' 0"
		#3	3' 8"	6' 0"	6' 4"	7' 5"	7' 9"	8' 11"	9' 3"	11' 8"	12' 2"	13' 11"	14' 0"
		Stud	3' 8"	6' 0"	6' 4"	7' 5"	7' 9"	8' 11"	9' 3"	11' 8"	12' 2"	13' 11"	14' 0"
		Standard	3' 7"	5' 3"	5' 7"	7' 0"	7' 6"	8' 10"	9' 2"	11' 0"	11' 10"	13' 10"	14' 0"
16" o.c.	SPF HF	#1 / #2	4' 3"	7' 3"	7' 7"	8' 7"	8' 11"	10' 3"	10' 8"	13' 6"	14' 0"	14' 0"	14' 0"
		#3	4' 1"	7' 2"	7' 7"	8' 6"	8' 10"	10' 1"	10' 6"	13' 4"	13' 10"	14' 0"	14' 0"
		Stud	4' 1"	7' 2"	7' 5"	8' 6"	8' 10"	10' 1"	10' 6"	13' 4"	13' 10"	14' 0"	14' 0"
		Standard	4' 1"	6' 11"	7' 5"	8' 6"	8' 10"	10' 1"	10' 6"	13' 4"	13' 10"	14' 0"	14' 0"
	SP DFL	#1	4' 6"	7' 4"	7' 8"	8' 8"	9' 0"	10' 4"	10' 9"	13' 8"	14' 0"	14' 0"	14' 0"
		#2	4' 3"	7' 3"	7' 7"	8' 7"	8' 11"	10' 3"	10' 8"	13' 6"	14' 0"	14' 0"	14' 0"
		#3	4' 2"	7' 3"	7' 6"	8' 6"	8' 10"	10' 2"	10' 7"	13' 5"	13' 11"	14' 0"	14' 0"
		Stud	4' 2"	7' 3"	7' 6"	8' 6"	8' 10"	10' 2"	10' 7"	13' 5"	13' 11"	14' 0"	14' 0"
		Standard	4' 1"	6' 5"	6' 10"	8' 6"	8' 10"	10' 1"	10' 6"	13' 4"	13' 10"	14' 0"	14' 0"
12" o.c.	SPF HF	#1 / #2	4' 8"	8' 0"	8' 4"	9' 5"	9' 10"	10' 3"	11' 9"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 6"	7' 11"	8' 2"	9' 4"	9' 8"	11' 1"	11' 7"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	4' 6"	7' 11"	8' 2"	9' 4"	9' 8"	11' 1"	11' 7"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	4' 6"	7' 11"	8' 2"	9' 4"	9' 8"	11' 1"	11' 7"	14' 0"	14' 0"	14' 0"	14' 0"
	SP DFL	#1	4' 11"	8' 1"	8' 5"	9' 7"	9' 11"	11' 4"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	4' 8"	8' 0"	8' 4"	9' 5"	9' 10"	11' 3"	11' 9"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 7"	7' 11"	8' 3"	9' 5"	9' 9"	11' 2"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	4' 7"	7' 11"	8' 3"	9' 5"	9' 9"	11' 2"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	4' 6"	7' 5"	7' 11"	9' 4"	9' 8"	11' 1"	11' 7"	14' 0"	14' 0"	14' 0"	14' 0"

Bracing Group Species and Grades:

Group A:

Spruce-Pine-Fir		Hem-Fir	
#1 / #2	Standard	#2	Stud
#3	Stud	#3	Standard

Douglas Fir-Larch	Southern Pine***
#3	#3
Stud	Stud
Standard	Standard

Group B:

Hem-Fir
#1 & Btr
#1

Douglas Fir-Larch	Southern Pine***
#1	#1
#2	#2

1x4 Braces shall be SRB (Stress-Rated Board)

***For 1x4 So. Pine use only Industrial 55 or Industrial 45 Stress-Rated Boards. Group B values may be used with these grades.

Gable Truss Detail Notes:

Wind Load deflection criterion is L/360.

Provide uplift connections for 55 plf over continuous bearing (5 psf TC Dead Load).

Gable end supports load from 4' 0" outlookers with 2' 0" overhang, or 12" plywood overhang.

Attach "L" braces with 10d (0.128"x3.0" min) nails.

* For (1) "L" brace: space nails at 2" o.c. in 18" end zones and 4" o.c. between zones.

** For (2) "L" braces: space nails at 3" o.c. in 18" end zones and 6" o.c. between zones.

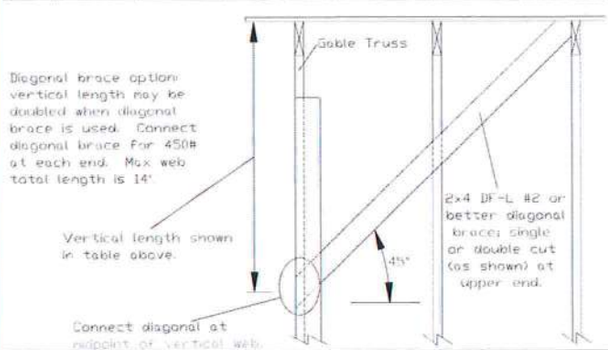
"L" bracing must be a minimum of 80% of web member length.

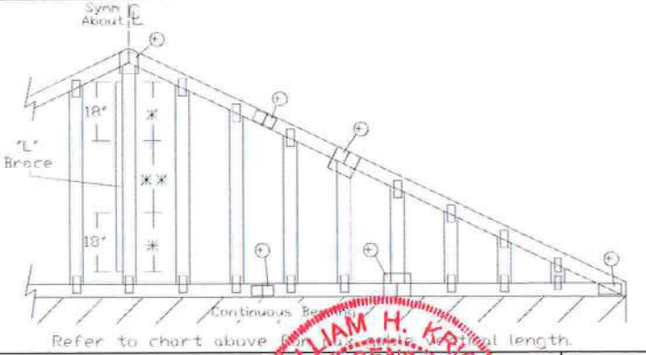
Gable Vertical Plate Sizes

Vertical Length	No Splice
Less than 4' 0"	1X4 or 2X3
Greater than 4' 0"	3X4

+ Refer to common truss design for peak, splice, and heel plates.

Refer to the Building Designer for conditions not addressed by this detail.





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ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.org; ICC: www.iccsafe.org

ALPINE
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
Aug 11 '16

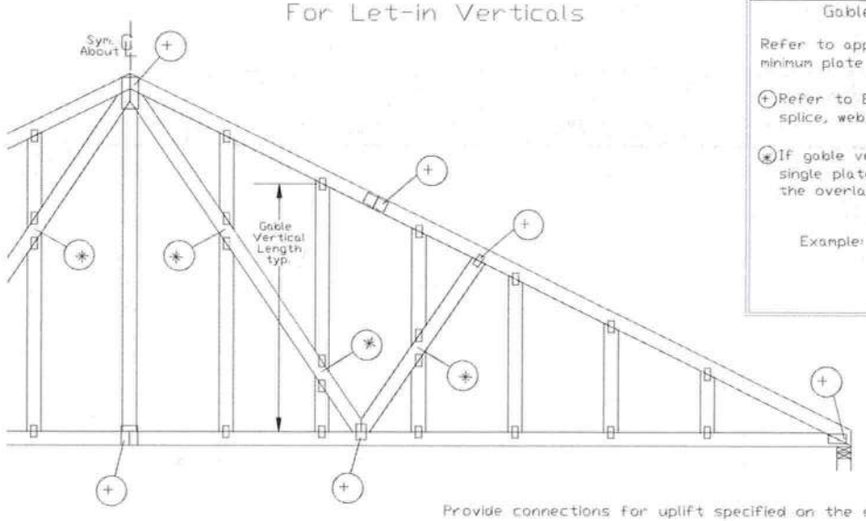
MAX. TOT. L.D. 60 PSF

MAX. SPACING 24.0"

REF ASCE7-10-GAB14015
DATE 8/3/15
DRWG S14015ENC100815

08/11/2016

Gable Detail
For Let-in Verticals



Gable Truss Plate Sizes

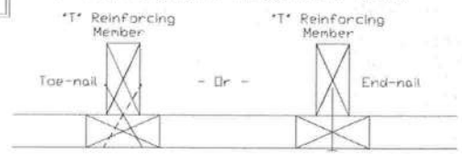
Refer to appropriate Alpine gable detail for minimum plate sizes for vertical studs.

(+) Refer to Engineered truss design for peak, splice, web, and heel plates.

(*) If gable vertical plates overlap, use a single plate that covers the total area of the overlapped plates to span the web.

Example: 2X4 2X4 2X8

"T" Reinforcement Attachment Detail



Provide connections for uplift specified on the engineered truss design.

Attach each "T" reinforcing member with

End Driven Nails:
10d Common (0.148"x 3",min) Nails at 4" o.c. plus
(4) nails in the top and bottom chords.

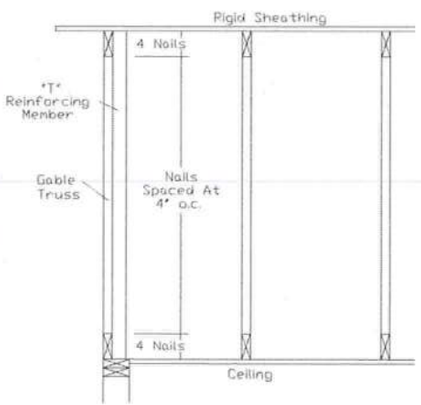
Toenailed Nails:
10d Common (0.148"x3",min) Toenails at 4" o.c. plus
(4) toenails in the top and bottom chords.

This detail to be used with the appropriate Alpine gable detail for ASCE wind load.

ASCE 7-05 Gable Detail Drawings
A13015051014, A12015051014, A11015051014, A10015051014, A14015051014, A13030051014, A12030051014, A11030051014, A10030051014, A14030051014

ASCE 7-10 Gable Detail Drawings
A11515ENC101014, A12015ENC101014, A14015ENC101014, A16015ENC101014, A18015ENC101014, A20015ENC101014, A20015END101014, A20015PED101014, A11530ENC101014, A12030ENC101014, A14030ENC101014, A16030ENC101014, A18030ENC101014, A20030ENC101014, A20030END101014, A20030PED101014 S11515ENC100815, S12015ENC100815, S14015ENC100815, S16015ENC100815, S18015ENC100815, S20015ENC100815, S20015END100815, S20015PED100815, S11530ENC100815, S12030ENC100815, S14030ENC100815, S16030ENC100815, S18030ENC100815, S20030ENC100815, S20030END100815, S20030PED100815

See appropriate Alpine gable detail for maximum unreinforced gable vertical length.



To convert from "L" to "T" reinforcing members, multiply "T" increase by length (based on appropriate Alpine gable detail).

Maximum allowable "T" reinforced gable vertical length is 14' from top to bottom chord.

"T" reinforcing member material must match size, specie, and grade of the "L" reinforcing member.

Web Length Increase w/ "T" Brace

"T" Reinf. Mbr. Size	"T" Increase
2x4	30 %
2x6	20 %

Example:
ASCE 7-10 Wind Speed = 120 mph
Mean Roof Height = 30 ft, Kzt = 1.00
Gable Vertical = 24"o.c. SP #3
"T" Reinforcing Member Size = 2x4
"T" Brace Increase (From Above) = 30% = 1.30
(1) 2x4 "L" Brace Length = 8' 7"
Maximum "T" Reinforced Gable Vertical Length
1.30 x 8' 7" = 11' 2"

ALPINE™
AN ITW COMPANY
13723 Riverport Drive
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WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Aug 11 '16

MAX. TOT. L.D. 60 PSF
DUR. FAC. ANY
MAX. SPACING 24.0"

REF LET-IN VERT
DATE 10/01/14
DRWG GBLLETIN1014

08/11/2016

Gable Stud Reinforcement Detail

ASCE 7-10: 140 mph Wind Speed, 15' Mean Height, Enclosed, Exposure C, Kzt = 1.00

Or: 120 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00
Or: 120 mph Wind Speed, 15' Mean Height, Enclosed, Exposure D, Kzt = 1.00
Or: 100 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure D, Kzt = 1.00

Max Gable Vertical Length

2x4 Gable Vertical Spacing	Species	Brace Grade	No Braces	(1) 1x4 "L" Brace *		(1) 2x4 "L" Brace *		(2) 2x4 "L" Brace **		(1) 2x6 "L" Brace *		(2) 2x6 "L" Brace **	
				Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B
24" o.c.	SPF HF	#1 / #2	4' 3"	7' 3"	7' 7"	8' 7"	8' 11"	10' 3"	10' 8"	13' 6"	14' 0"	14' 0"	14' 0"
		#3	4' 1"	6' 7"	7' 1"	8' 6"	8' 10"	10' 1"	10' 6"	13' 4"	13' 10"	14' 0"	14' 0"
		Stud	4' 1"	6' 7"	7' 0"	8' 6"	8' 10"	10' 1"	10' 6"	13' 4"	13' 10"	14' 0"	14' 0"
		Standard	4' 1"	5' 8"	6' 0"	7' 7"	8' 1"	10' 1"	10' 6"	11' 10"	12' 8"	14' 0"	14' 0"
	SP DFL	#1	4' 6"	7' 4"	7' 8"	8' 8"	9' 0"	10' 4"	10' 9"	13' 8"	14' 0"	14' 0"	14' 0"
		#2	4' 3"	7' 3"	7' 7"	8' 7"	8' 11"	10' 3"	10' 8"	13' 6"	14' 0"	14' 0"	14' 0"
		#3	4' 2"	6' 0"	6' 4"	7' 11"	8' 6"	10' 2"	10' 7"	12' 5"	13' 4"	14' 0"	14' 0"
		Stud	4' 2"	6' 0"	6' 4"	7' 11"	8' 6"	10' 2"	10' 7"	12' 5"	13' 4"	14' 0"	14' 0"
		Standard	4' 0"	5' 3"	5' 7"	7' 0"	7' 6"	9' 6"	10' 2"	11' 0"	11' 10"	14' 0"	14' 0"
16" o.c.	SPF HF	#1 / #2	4' 11"	8' 4"	8' 8"	9' 10"	10' 3"	11' 8"	12' 2"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 8"	8' 1"	8' 8"	9' 8"	10' 1"	11' 7"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	4' 8"	8' 1"	8' 6"	9' 8"	10' 1"	11' 7"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	4' 8"	6' 11"	7' 5"	9' 3"	9' 11"	11' 7"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
	SP DFL	#1	5' 1"	8' 5"	8' 9"	9' 11"	10' 4"	11' 10"	12' 4"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	4' 11"	8' 4"	8' 8"	9' 10"	10' 3"	11' 8"	12' 2"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 9"	7' 4"	7' 9"	9' 9"	10' 2"	11' 8"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	4' 9"	7' 4"	7' 9"	9' 9"	10' 2"	11' 8"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	4' 8"	6' 5"	6' 10"	8' 7"	9' 2"	11' 7"	12' 1"	13' 6"	14' 0"	14' 0"	14' 0"
12" o.c.	SPF HF	#1 / #2	5' 5"	9' 2"	9' 6"	10' 10"	11' 3"	11' 8"	13' 5"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 1"	9' 0"	9' 4"	10' 8"	11' 1"	12' 9"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	5' 1"	9' 0"	9' 4"	10' 8"	11' 1"	12' 9"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	5' 1"	8' 0"	8' 6"	10' 8"	11' 1"	12' 9"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"
	SP DFL	#1	5' 8"	9' 3"	9' 8"	10' 11"	11' 4"	13' 0"	13' 6"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	5' 5"	9' 2"	9' 6"	10' 10"	11' 3"	12' 11"	13' 5"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 3"	8' 5"	9' 0"	10' 9"	11' 2"	12' 10"	13' 4"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	5' 3"	8' 5"	9' 0"	10' 9"	11' 2"	12' 10"	13' 4"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	5' 1"	7' 5"	7' 11"	9' 11"	10' 7"	12' 9"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"

Bracing Group Species and Grades:

Group A:

Spruce-Pine-Fir		Hem-Fir	
#1 / #2	Standard	#2	Stud
#3	Stud	#3	Standard

Douglas Fir-Larch	Southern Pine***
#3	#3
Stud	Stud
Standard	Standard

Group B:

Hem-Fir
#1 & Btr
#1

Douglas Fir-Larch	Southern Pine***
#1	#1
#2	#2

1x4 Braces shall be SPB (Stress-Rated Board).

***For 1x4 So. Pine use only Industrial 55 or Industrial 45 Stress-Rated Boards. Group B values may be used with these grades.

Gable Truss Detail Notes:

Wind Load deflection criterion is L/240.

Provide uplift connections for 55 plf over continuous bearing (5 psf TC Dead Load).

Gable end supports load from 4' 0" outlookers with 2' 0" overhang, or 12" plywood overhang.

Attach "L" braces with 10d (0.128"x3.0" min) nails.

* For (1) "L" brace: space nails at 2" o.c. in 18" end zones and 4" o.c. between zones.
** For (2) "L" braces: space nails at 3" o.c. in 18" end zones and 6" o.c. between zones.

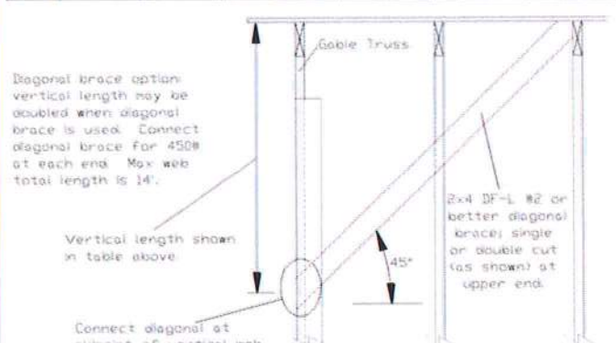
"L" bracing must be a minimum of 80% of web member length.

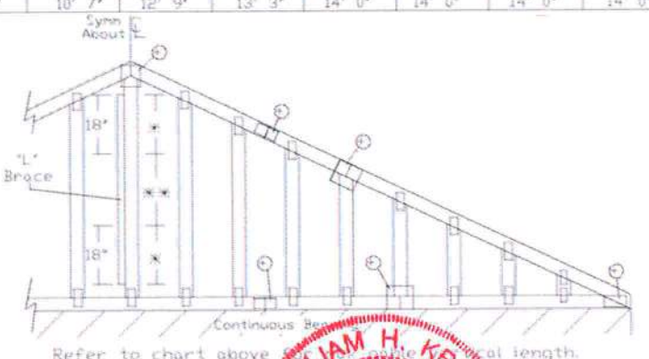
Gable Vertical Plate Sizes

Vertical Length	No Splice
Less than 4' 0"	1X4 or 2X3
Greater than 4' 0"	3X4

+ Refer to common truss design for peak, splice, and heel plates.

Refer to the Building Designer for conditions not addressed by this detail.





ALPINE™
AN ITW COMPANY
13723 Riverport Drive
Suite 200
Maryland Heights, MO 63043

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE 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 of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.

A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.

For more information see this job's general notes page and these web sites:
ALPINE: www.alpineltd.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.org; ICC: www.iccsafe.org

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

Aug 11, 16

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF ASCE7-10-GAB14015
DATE 10/01/14
DRWG A14015ENC101014

FORM R405-2014

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name:	1100 cwd lake city	Builder Name:	cwd signature homes
Street:		Permit Office:	
City, State, Zip:	, FL ,	Permit Number:	
Owner:		Jurisdiction:	
Design Location:	FL, Gainesville		

1. New construction or existing	New (From Plans)			
2. Single family or multiple family	Single-family			
3. Number of units, if multiple family	1			
4. Number of Bedrooms	3			
5. Is this a worst case?	No			
6. Conditioned floor area above grade (ft²)	1100			
Conditioned floor area below grade (ft²)	0			
7. Windows(160.0 sqft.)	Description		Area	
a. U-Factor:	Dbl, U=0.31		130.00	ft²
SHGC:	SHGC=0.22			
b. U-Factor:	Dbl, U=0.31		30.00	ft²
SHGC:	SHGC=0.22			
c. U-Factor:	N/A			ft²
SHGC:				
d. U-Factor:	N/A			ft²
SHGC:				
Area Weighted Average Overhang Depth:			3.625	ft.
Area Weighted Average SHGC:			0.220	
8. Floor Types (1100.0 sqft.)		Insulation	Area	
a. Slab-On-Grade Edge Insulation		R=0.0	1100.00	ft²
b. N/A		R=		ft²
c. N/A		R=		ft²

9. Wall Types (1405.3 sqft.)	Insulation	Area	
a. Frame - Wood, Exterior	R=13.0	1405.30	ft²
b. N/A	R=		ft²
c. N/A	R=		ft²
d. N/A	R=		ft²
10. Ceiling Types (1100.0 sqft.)	Insulation	Area	
a. Under Attic (Vented)	R=38.0	1100.00	ft²
b. N/A	R=		ft²
c. N/A	R=		ft²
11. Ducts		R	ft²
a. Sup: Attic, Ret: Attic, AH: Main		6	220
12. Cooling systems	kBtu/hr	Efficiency	
a. Central Unit	22.2	SEER:14.50	
13. Heating systems	kBtu/hr	Efficiency	
a. Electric Heat Pump	22.2	HSPF:8.20	
14. Hot water systems			
a. Electric		Cap: 40 gallons	
		EF: 0.950	
b. Conservation features			
None			
15. Credits		CF, Pstat	

Glass/Floor Area: 0.145

Total Proposed Modified Loads: 35.63

Total Baseline Loads: 36.45

PASS

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

PREPARED BY: _____

DATE: 8/11/2016

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____

- Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with R403.2.2.1.

- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and an envelope leakage test report in accordance with R402.4.1.2.

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

FORM R405-2014

PROJECT

Title:	1100 cwd lake city	Bedrooms:	3	Address Type:	Street Address
Building Type:	User	Conditioned Area:	1100	Lot #	
Owner:		Total Stories:	1	Block/SubDivision:	
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	cwd signature homes	Rotate Angle:	0	Street:	
Permit Office:		Cross Ventilation:		County:	Columbia
Jurisdiction:		Whole House Fan:		City, State, Zip:	, FL ,
Family Type:	Single-family				
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

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

BLOCKS

Number	Name	Area	Volume
1	Block1	1100	8800

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	Main	1100	8800	Yes	2	3	1	Yes	Yes	Yes

FLOORS

√	#	Floor Type	Space	Perimeter	R-Value	Area		Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	Main	170 ft	0	1100 ft²	----	0	0	1

ROOF

√	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)
_____	1	Gable or shed	Composition shingles	1230 ft²	276 ft²	Medium	0.85	No	0.9	No	0	26.6

ATTIC

√	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	1100 ft²	N	Y

CEILING

√	#	Ceiling Type	Space	R-Value	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	Main	38	1100 ft²	0.11	Wood

FORM R405-2014

WALLS

√	#	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	Width In	Height Ft	Height In	Area	Sheathing R-Value	Framing Fraction	Solar Absor.	Below Grade%
___	1	N	Exterior	Frame - Wood	Main	13	2		8		16.0 ft²	0.15	0.23	0.4	0
___	2	W	Exterior	Frame - Wood	Main	13	3	4	8		26.7 ft²	0.15	0.23	0.4	0
___	3	N	Exterior	Frame - Wood	Main	13	19	8	8		157.3 ft²	0.15	0.23	0.4	0
___	4	E	Exterior	Frame - Wood	Main	13	6	10	8		54.7 ft²	0.15	0.23	0.4	0
___	5	N	Exterior	Frame - Wood	Main	13	4	4	8		34.7 ft²	0.15	0.23	0.4	0
___	6	W	Exterior	Frame - Wood	Main	13	11	10	8		94.7 ft²	0.15	0.23	0.4	0
___	7	N	Exterior	Frame - Wood	Main	13	8		8		64.0 ft²	0.15	0.23	0.4	0
___	8	E	Exterior	Frame - Wood	Main	13	2		8		16.0 ft²	0.15	0.23	0.4	0
___	9	N	Exterior	Frame - Wood	Main	13	4		8		32.0 ft²	0.15	0.23	0.4	0
___	10	E	Exterior	Frame - Wood	Main	13	28	8	8		229.3 ft²	0.15	0.23	0.4	0
___	11	S	Exterior	Frame - Wood	Main	13	7	8	8		61.3 ft²	0.15	0.23	0.4	0
___	12	E	Exterior	Frame - Wood	Main	13	3		8		24.0 ft²	0.15	0.23	0.4	0
___	13	S	Exterior	Frame - Wood	Main	13	15	4	8		122.7 ft²	0.15	0.23	0.4	0
___	14	E	Exterior	Frame - Wood	Main	13	11	4	8		90.7 ft²	0.15	0.23	0.4	0
___	15	S	Exterior	Frame - Wood	Main	13	13		8		104.0 ft²	0.15	0.23	0.4	0
___	16	W	Exterior	Frame - Wood	Main	13	34	8	8		277.3 ft²	0.15	0.23	0.4	0

DOORS

√	#	Ornt	Door Type	Space	Storms	U-Value	Width Ft	Width In	Height Ft	Height In	Area
_____	1	N	Insulated	Main	None	.46	3		6	8	20 ft²
_____	2	S	Insulated	Main	None	.46	5		6	8	33.3 ft²

WINDOWS

Orientation shown is the entered, Proposed orientation.

√	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Area	Overhang Depth	Overhang Separation	Int Shade	Screening
_____	1	N	3	Vinyl	Low-E Double	Yes	0.31	0.22	15.0 ft²	1 ft 6 in	4 ft 0 in	Drapes/blinds	None
_____	2	N	7	Vinyl	Low-E Double	Yes	0.31	0.22	30.0 ft²	1 ft 6 in	2 ft 0 in	Drapes/blinds	None
_____	3	E	10	Vinyl	Low-E Double	Yes	0.31	0.22	15.0 ft²	1 ft 6 in	5 ft 0 in	Drapes/blinds	None
_____	4	E	10	Vinyl	Low-E Double	Yes	0.31	0.22	16.0 ft²	1 ft 6 in	2 ft 0 in	Drapes/blinds	None
_____	5	S	13	Vinyl	Double (Tinted)	Yes	0.31	0.22	30.0 ft²	12 ft 10 in	1 ft 0 in	Drapes/blinds	None
_____	6	S	15	Vinyl	Low-E Double	Yes	0.31	0.22	15.0 ft²	1 ft 6 in	4 ft 0 in	Drapes/blinds	None
_____	7	W	16	Vinyl	Low-E Double	Yes	0.31	0.22	30.0 ft²	1 ft 6 in	4 ft 6 in	Drapes/blinds	None
_____	8	W	16	Vinyl	Low-E Double	Yes	0.31	0.22	9.0 ft²	1 ft 6 in	1 ft 0 in	Drapes/blinds	None

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000254	733.3	40.26	75.71	.1957	5

FORM R405-2014

HEATING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Block	Ducts
_____	1	Electric Heat Pump	None	HSPF:8.2	22.2 kBtu/hr	1	sys#1

COOLING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
_____	1	Central Unit	None	SEER: 14.5	22.2 kBtu/hr	1140 cfm	0.75	1	sys#1

HOT WATER SYSTEM

√	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	None	Exterior	0.95	40 gal	60 gal	120 deg	None

SOLAR HOT WATER SYSTEM

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

DUCTS

√	#	---- Supply ---- Location	R-Value	Area	---- Return ---- Location	Area	Leakage Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HVAC # Heat	HVAC # Cool
_____	1	Attic	6	220 ft²	Attic	55 ft²	Default Leakage	Main	(Default)	(Default)			1	1

TEMPERATURES

Programable Thermostat: Y

Ceiling Fans:

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

Thermostat Schedule: HERS 2006 Reference

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

FORM R405-2014

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 98

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

, , FL,

1. New construction or existing		New (From Plans)
2. Single family or multiple family		Single-family
3. Number of units, if multiple family		1
4. Number of Bedrooms		3
5. Is this a worst case?		No
6. Conditioned floor area (ft²)		1100
7. Windows**	Description	Area
a. U-Factor:	Dbl, U=0.31	130.00 ft²
SHGC:	SHGC=0.22	
b. U-Factor:	Dbl, U=0.31	30.00 ft²
SHGC:	SHGC=0.22	
c. U-Factor:	N/A	ft²
SHGC:		
d. U-Factor:	N/A	ft²
SHGC:		
Area Weighted Average Overhang Depth:		3.625 ft.
Area Weighted Average SHGC:		0.220

8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	1100.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	1405.30 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=38.0	1100.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts	R	ft²
a. Sup: Attic, Ret: Attic, AH: Main	6	220

12. Cooling systems	kBtu/hr	Efficiency
a. Central Unit	22.2	SEER:14.50

13. Heating systems	kBtu/hr	Efficiency
a. Electric Heat Pump	22.2	HSPF:8.20

14. Hot water systems	
a. Electric	Cap: 40 gallons
	EF: 0.95
b. Conservation features	
None	
15. Credits	CF, Pstat

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

Builder Signature: _____ Date: _____

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

*Note: This is not a Building Energy Rating. If your Index is below 70, your home may qualify for energy efficient mortgage (EEM) incentives if you obtain a Florida EnergyGauge Rating. Contact the EnergyGauge Hotline at (321) 638-1492 or see the EnergyGauge web site at energygauge.com for information and a list of certified Raters. For information about the Florida Building Code, Energy Conservation, contact the Florida Building Commission's support staff.

**Label required by Section R303.1.3 of the Florida Building Code, Energy Conservation, if not DEFAULT.

1,100 SF

Load Short Form
Entire House
SHATTO HEATING & AIR, INC.

Job: CWD SIGNATURE HOM...
Date: AUGUST 10, 2016
By: TIM SHATTO

595 W. MAIN ST., LAKE BUTLER, FL 32054 Phone: 386-496-8224 Fax: 386-496-9065 Email: SERVICE@SHATTOAIR.COM Web: WWW.SHATTOAIR.COM License: ...

Project Information

For: CWD SIGNATURE HOMES, LLC

Design Information

	Htg	Clg
Outside db (°F)	33	92
Inside db (°F)	70	75
Design TD (°F)	37	17
Daily range	-	M
Inside humidity (%)	30	50
Moisture difference (gr/lb)	11	52

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

HEATING EQUIPMENT

Make	CARRIER/BRYANT
Trade	CARRIER/BRYANT
Model	214DNA024
AHRI ref	
Efficiency	8.2 HSPF
Heating input	
Heating output	22200 Btuh @ 47°F
Temperature rise	18 °F
Actual air flow	1140 cfm
Air flow factor	0.053 cfm/Btuh
Static pressure	0 in H2O
Space thermostat	

COOLING EQUIPMENT

Make	CARRIER/BRYANT
Trade	CARRIER/BRYANT
Cond	214DNA024
Coil	FB4CNP025
AHRI ref	
Efficiency	11.5 EER, 14.5 SEER
Sensible cooling	15540 Btuh
Latent cooling	6660 Btuh
Total cooling	22200 Btuh
Actual air flow	1140 cfm
Air flow factor	0.049 cfm/Btuh
Static pressure	0 in H2O
Load sensible heat ratio	0.93

ROOM NAME		Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
MASTER BDROOM		240	4210	4793	224	237
LIVING ROOM		130	2728	2829	145	140
MASTER BATH		96	2768	2482	147	123
KIT/DIN		357	5627	6798	299	336
LAUNDRY		40	1187	1052	63	52
BEDROOM #1		121	2569	2649	136	131
BATH		110	2385	2434	127	120
Entire House	d	1094	21474	23037	1140	1140
Other equip loads			0	0		
Equip. @ 0.97	RSM			22346		
Latent cooling				1681		
TOTALS		1094	21474	24027	1140	1140

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

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

34389

McManus Family Construction, LLC.
9448 Southwest 146th Lane Lake Butler, Florida 32054
386-965-4910
dpmacx5@gmail.com

Pat McManus
President, McManus Family Construction, LLC.
9448 Southwest 146th Lane
Lake Butler, FL 32054

September 29, 2016

Columbia County Building Zoning
135 NE Hernando Ave # 21
Lake City, FL. 32055

Dear Columbia County Building and Zoning

I DERALD PAT MCMANUS of McManus Family Construction, LLC release and agree to terminate all obligations and ties in reference to LOT 2 EDGEWOOD ESTATES S/D. WD 1311-1417, located at 152 SW Aurora Way, Lake City, Florida 32055. Please allow this letter to serve as a termination of the agreement between McManus Family Construction, LLC and S & D Property Investments, Inc. to build on property list above effective on September 30, 2016.

This notice also satisfies any legal constraints in relation to claims, debts and/or liens, and allows us to severe this contract without any further need for legal action.

If you have any questions or need any further information about our discontinuation of services, you can contact me at 386-965-4910 or email me at dpmacx5@gmail.com.

Sincerely Yours,

Pat McManus

RECEIVED
SEP 30 2016
By

DATE 08/26/2016

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000034389

APPLICANT DERALD P. MCMANUS ...VOID PHONE 386.965.4910

ADDRESS 9448 SW 146TH LN LAKE BUTLER FL 32054

OWNER S&D PROPERTY INVESTMENTS, INC. PHONE 904.545.8744

ADDRESS 152 SW AURORA WAY LAKE CITY FL 32025

CONTRACTOR DERALD P. MCMANUS PHONE 386.965.4910

LOCATION OF PROPERTY 47-S TO EDGEWOOD,TR TO AURORA,TR AND IT'S THE 2ND LOT ON R.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 67500.00

HEATED FLOOR AREA 1100.00 TOTAL AREA 1350.00 HEIGHT ____ STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC

LAND USE & ZONING RSF-2 MAX. HEIGHT ____

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 07-4S-17-08107-002 SUBDIVISION EDGEWOOD ESTATES

LOT 2 BLOCK ____ PHASE ____ UNIT ____ TOTAL ACRES 0.43

000002332		CGC1518108			
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor		
PWD	16-0495-N	BMS	TC	N	
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident	Time/STUP No.

COMMENTS: NOC ON FILE. 1 FOOT ABOVE ROAD.

LETTER REC'D TO TERMINATE THIS PERMIT..PERMIT CLOSED OUT.(TC)

EFFECTIVE 09.30.16.....PERMIT IS VOID..VOID..VOID... Check # or Cash 195

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 $ 340.00 CERTIFICATION FEE $ 6.75 SURCHARGE FEE $ 6.75

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** 453.50

INSPECTORS OFFICE ____ CLERKS OFFICE ____

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.

NOTICE: ALL OTHER APPLICABLE STATE OR FEDERAL PERMITS SHALL BE OBTAINED BEFORE COMMENCEMENT OF THIS PERMITTED DEVELOPMENT.

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

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

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

Columbia County Building Department 34389 Culvert Permit No.
Culvert Permit

000002332

DATE 08/26/2016 PARCEL ID # 07-4S-17-08107-002

APPLICANT DERALD P. MCMANUS PHONE 386.965.4910

ADDRESS 9448 SW 146TH LN LAKE BUTLER FL 32054

OWNER S&D PROPERTY INVESTMENTS, INC. PHONE 904.545.8744

ADDRESS 152 SW AURORA WAY LAKE CITY FL 32025

CONTRACTOR DERALD P. MCMANUS PHONE 386.965.4910

LOCATION OF PROPERTY 47-S TO EDGEWOOD.TR TO AURORA.TR AND IT'S THE 2ND LOT ON R.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT EDGEWOOD ESTATES 2

INSTALLATION INFORMATION SIGNATURE

(A) A culvert shall be required to be installed as part of any newly constructed private driveway or road, or public road, which connects to a county road in Columbia County. Culvert installation for residential use shall require a permit issued by the Building and Zoning Department. Prior to any culvert permit being issued, an inspection by the Public Works Department shall be required to determine the proper size, length, and location for installation. Culvert installation for commercial, industrial, and other uses shall conform to the approved site plan or to the specifications of a registered engineer. Joint use culverts will comply with Florida Department of Transportation specifications.

(B) The culvert shall comply and be installed in accordance with Columbia County Land Development Regulation, Access Control: Section 4.2.3 standards. Proper installation of the culvert shall be verified by a final inspection performed by the Public Works Department.

(C) All culverts required by this policy shall be installed prior to the Building Department granting permission to connect permanent electrical service to the facility or facilities being serviced by newly constructed private driveway or road. In cases where no electrical service exists, installation shall be completed prior to final inspection approval.

(D) Mitered-end culverts shall be used in the following applications:
(1) When the culvert is to be placed giving access to a paved street.; (2) When the road is contained within a subdivision (recorded or unrecorded) that has not reached a "build out" of fifty percent (50%) or more.; (3) In all new subdivisions for residential use. New subdivisions shall be required as part of the final plat to specify culvert diameter and length.; (4) When the predominant use already established by the use of mitered-end culverts period.

ENTERED

☐ Culvert installation shall conform to the approved site plan standards.

☐ Department of Transportation Permit installation approved standards.

☒ Shall conform to Public Works Determinations as Stated Below:
INSTALL MIN 32-X 18" ARCH CORR METAL CULVERT W/ CONCRETE MITERED ENDS W/ 6X6 WELDED WIRE, REBAR & CULVERT BOOTS

P W Inspectors Name: J. SIKES Date: 8-30-16

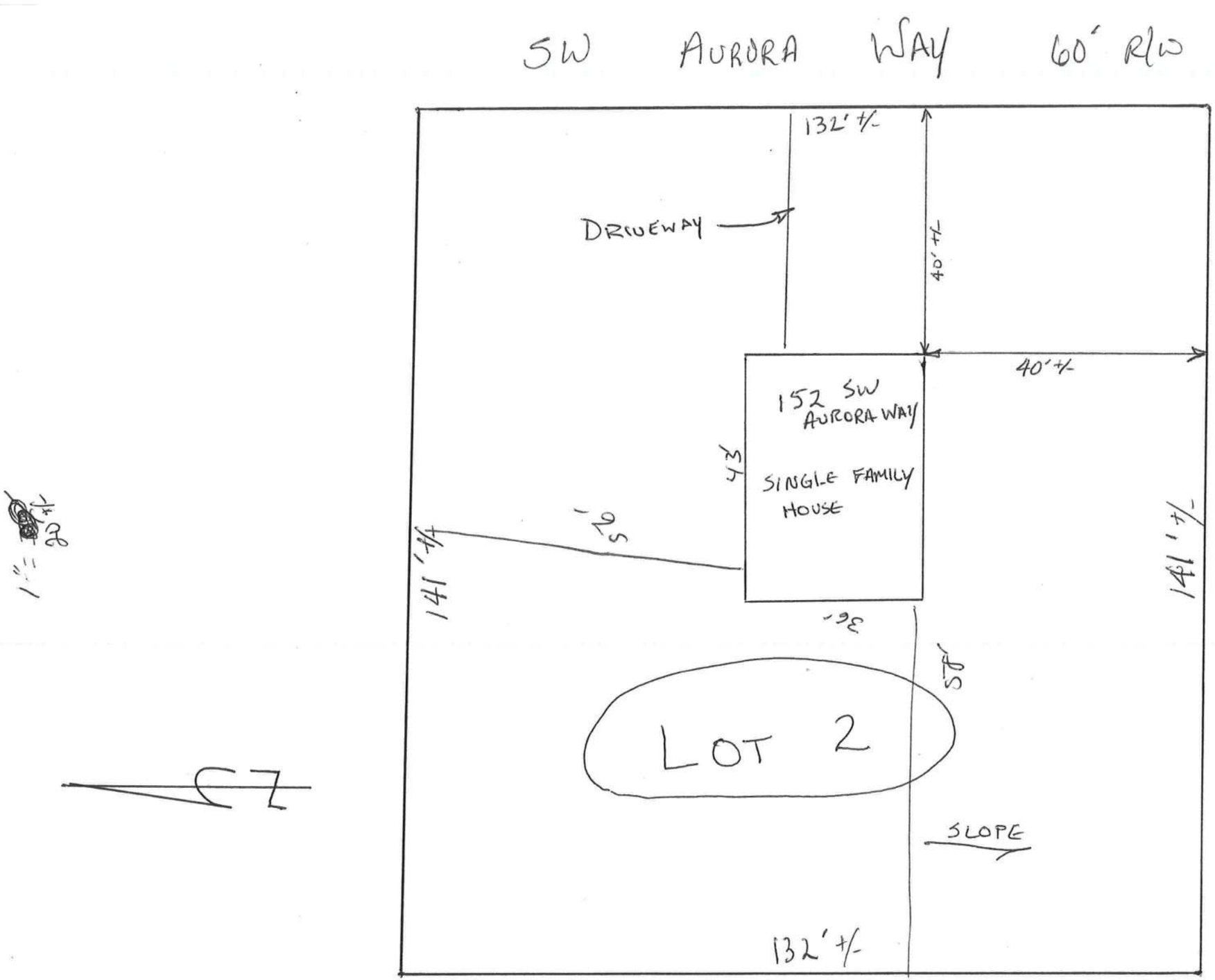
Final Inspection Date: 9/23/2016 P W Inspectors Name: DAVID McCORMICK Signature:

CONTACT FOR REQUIREMENTS AND INSPECTIONS:
PUBLIC WORKS DEPARTMENT
Phone: 386-758-1019

Amount Paid 25.00
Check No. 195

All Proper Safety Requirements Should Be Followed During The Installation Of The Culvert


ENTERED


SW AURORA WAY 60' R/W
132' +/-
DRIVEWAY
40' +/-
40' +/-
152 SW AURORA WAY
SINGLE FAMILY HOUSE
43'
10'
141' +/-
141' +/-
36'
STEEP
LOT 2
SLOPE
132' +/-

Columbia County Property Appraiser

updated: 8/10/2016

2015 Tax Year

Tax Collector | Tax Estimator | Property Card | Parcel List Generator | Interactive GIS Map | Print

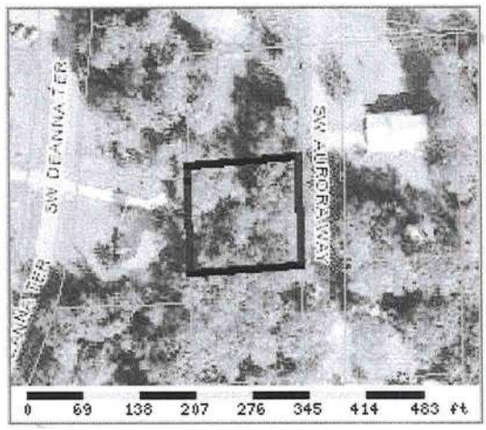
Parcel: 07-4S-17-08107-002

<< Next Lower Parcel | Next Higher Parcel >>

Search Result: 1 of 1

Owner & Property Info

Owner's Name	S & D PROPERTY INVESTMENTS INC		
Mailing Address	123 NE BRADLEY TERRACE LAKE CITY, FL 32055		
Site Address	152 SW AURORA WAY		
Use Desc. (code)	VACANT (000000)		
Tax District	2 (County)	**Neighborhood**	7417
Land Area	0.000 ACRES	**Market Area**	06
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction.		
LOT 2 EDGEWOOD ESTATES S/D. WD 1311-1417			



Property & Assessment Values

2015 Certified Values		
Mkt Land Value	cnt: (0)	$12,000.00
Ag Land Value	cnt: (1)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$12,000.00
Just Value		$12,000.00
Class Value		$0.00
Assessed Value		$12,000.00
Exempt Value		$0.00
Total Taxable Value		Cnty: $12,000 Other: $12,000 | Schl: $12,000

2016 Working Values		
Mkt Land Value	cnt: (0)	$7,500.00
Ag Land Value	cnt: (1)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$7,500.00
Just Value		$7,500.00
Class Value		$0.00
Assessed Value		$7,500.00
Exempt Value		$0.00
Total Taxable Value		Cnty: $7,500 Other: $7,500 | Schl: $7,500

NOTE: **2016 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.**

Sales History

Show Similar Sales within 1/2 mile

Sale Date	OR Book/Page	OR Code	Vacant / Improved	Qualified Sale	Sale RCode	Sale Price
3/15/2016	1311/1417	WD	V	Q	01	$25,000.00

Building Characteristics

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

Extra Features & Out Buildings

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

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value

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: 8/10/2016 **DATE ISSUED:** 8/11/2016

ENHANCED 9-1-1 ADDRESS:

152 SW AURORA WAY

LAKE CITY FL 32025

PROPERTY APPRAISER PARCEL NUMBER:

07-4S-17-08107-002

Remarks:

RE-ISSUE OF EXISTING ADDRESS FOR PROPOSED STRUCTURE ON PARCEL.

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.

3669

S.D prepared for Lot 2 Edgewood Estates II.

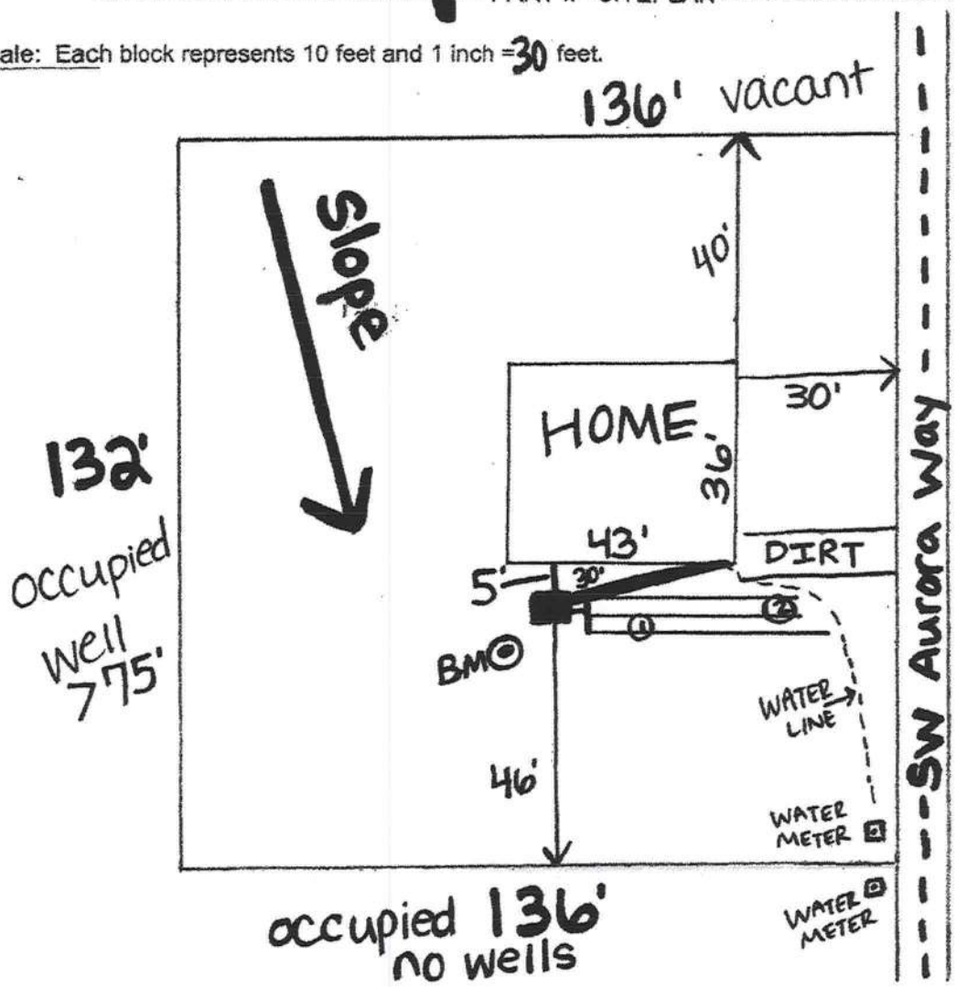
STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR CONSTRUCTION PERMIT

Permit Application Number 16-0495-N

NORTH ↑

PART II - SITEPLAN

Scale: Each block represents 10 feet and 1 inch = 30 feet.



Notes: 152 SW Aurora Way
Lake City, Florida 32025

* 30' from tank to water line
* 5' from home to Septic Tank
* 46' from septic Tank to property line

Site Plan submitted by: [signature] 08-23-2016 Agent

Plan Approved X Not Approved Date 8/24/16

By Sallie Ford Env Manager - Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

SSOCOF#: 2246007877 done on: 08-11-2016

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

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

APPLICATION FOR:

[X] New System [ ] Existing System [ ] Holding Tank [ ] Innovative
[ ] Repair [ ] Abandonment [ ] Temporary [ ]

APPLICANT: StD Property Investments Inc.

AGENT: Ronald Ford - Ford's Septic Tank Service, LLC TELEPHONE: 386-755-6288

MAILING ADDRESS: 116 N.W. Lawtey Way Lake City, Florida 32055 FAX: 386-755-6944

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(m) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

PROPERTY INFORMATION

LOT: 2 BLOCK: SUBDIVISION: Edgewood Estates PLATTED:

PROPERTY ID #: 07-4S-17-08107-002 ZONING: I/M OR EQUIVALENT: [Y N]

PROPERTY SIZE: 0.41 ACRES WATER SUPPLY: [ ] PRIVATE PUBLIC [ ]<=2000GPD [X]>2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? [Y (N)] DISTANCE TO SEWER: N/A FT

PROPERTY ADDRESS: 152 SW Aurora Way Lake City, FL 32025

DIRECTIONS TO PROPERTY:

47 South. (R) on Edgewood Lane.
(R) on Aurora Way. Home #152 on left.

BUILDING INFORMATION [X] RESIDENTIAL [ ] COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	S.F.R.	3	1100	
2				
3				
4				

[ ] Floor/Equipment Drains [ ] Other (Specify)

SIGNATURE: Ronald Ford DATE: 9-23-2016

DH 4015, 08/09 (Obsoletes previous editions which may not be used)
Incorporated 64E-6.001, FAC

Columbia County New Building Permit Application

For Office Use Only Application # 1608-27 Date Received 8-12-16 By CA Permit # 34389 / 2332

Zoning Official [signature] Date 8-25-16 Flood Zone X Land Use RLD Zoning RSF-2

FEMA Map # _____ Elevation _____ MFE 1' above River _____ Plans Examiner T.C. Date 8-23-16

Comments _____

☐ NOC ☐ EH ✓ Deed or PA ✓ Site Plan ☐ State Road Info Water System Permit ~~Well letter~~ ✓ 911 Sheet ☐ Parent Parcel # _____

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

☐ Owner Builder Disclosure Statement ☐ Land Owner Affidavit ☐ Ellisville Water ✓ App Fee Paid ✓ Sub VF Form

Septic Permit No. 16-0495-N OR City Water Fax _____

Applicant (Who will sign/pickup the permit) DERALD PAT MCMANUS Phone 386-965-4910

Address 9448 SW 146TH LANE LAKE BUTLER FLORIDA 32054

Owners Name S & D PROPERTY Investments Inc Phone 904 545 8744

911 Address 152 SW AURORA WAY, LAKE City, FL 32025

Contractors Name DERALD PAT MCMANUS Phone 386-965-4910

Address 9448 S.W. 146TH LANE LAKE BUTLER FL 32054

Contractor Email dpmacx5@GMAIL.COM ***Include to get updates on this job.

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address MARK W. KEELS PE. 4918 KANGAROO CIR MIDDLEBURG FL. 32068

Mortgage Lenders Name & Address N/A

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

Property ID Number 07-4S-17-08107-002 Estimated Construction Cost 120,000 OO

Subdivision Name EDGEWOOD ESTATES Lot 2 Block ____ Unit ____ Phase ____

Driving Directions from a Major Road SR 47 SOUTH TO Right ON BARNETT Rd

TURN RIGHT ON BARNETT Rd TO AURORA WAY

TURN LEFT ON AURORA WAY 2ND LOT ON RIGHT

Construction of S.F.H. ____ Commercial OR X Residential

Proposed Use/Occupancy HOUSE Number of Existing Dwellings on Property Ø

Is the Building Fire Sprinkled? _____ If Yes, blueprints included _____ Or Explain _____

Circle Proposed - (Culvert Permit) or Culvert Waiver or D.O.T. Permit or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 40' Side 40' Side 56' Rear 58'

Number of Stories 1 Heated Floor Area 1100 Total Floor Area 1350 Acreage .43

Zoning Applications applied for (Site & Development Plan, Special Exception, etc.) _____

(No Septic email) 8.25.16

CODE: Florida Building Code 2014 and the 2011 National Electrical Code.

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.

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 pursued in good faith or a permit has been issued.

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

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

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

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

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

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

S & D Property Investment, Inc.
Daniel A. Dukes, V-P
Print Owners Name **Owners Signature**

****Property owners must sign here before any permit will be issued.**

****If this is an Owner Builder Permit Application then, ONLY the owner can sign the building permit when it is issued.**

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

Contractor's License Number CGC1518108
Columbia County Competency Card Number 1757

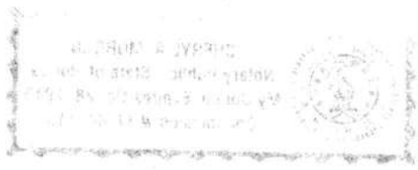
Affirmed under penalty of perjury to by the Contractor and subscribed before me this 12th **day of** August **20**16.

Personally known ___ **or Produced Identification** FL DL

State of Florida Notary Signature (For the Contractor)

SEAL:

CHERYL A. MORGAN
Notary Public - State of Florida
My Comm. Expires Oct 28, 2016
Commission # EE 847113



FLORIDA DEPARTMENT OF STATE
DIVISION OF CORPORATIONS

www.sunbiz.org

Detail by Entity Name

Florida Profit Corporation

S&D PROPERTY INVESTMENTS INC

Filing Information

Document Number	P16000006839
FEI/EIN Number	NONE
Date Filed	01/20/2016
Effective Date	01/12/2016
State	FL
Status	ACTIVE

Principal Address

123 NE BRADLEY TERRACE
LAKE CITY, FL 32055

Mailing Address

123 NE BRADLEY TERRACE
LAKE CITY, FL 32055

Registered Agent Name & Address

WARREN, SYLVESTER, III
832 NE RICHARDSON TERR
LAKE CITY, FL 32055

Officer/Director Detail

Name & Address

Title P

WARREN, SYLVESTER
832 NE RICHARDSON TERR
LAKE CITY, FL 32055

Title VP

DUKES, DANIEL A
P O BOX 55
LAKE BUTLER, FL 32054

NOTICE OF COMMENCEMENT

Clerk's Office Stamp

Inst: 201612013124 Date: 08/12/2016 Time: 2:19PM
Page 1 of 1 B: 1320 P: 293, P.DeWitt Cason, Clerk of Court
Columbia, County, By: BD
Deputy Clerk

Tax Parcel Identification Number:

07-4S-17-08107-002

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

1. Description of property *(legal description)*: SINGLE FAMILY HOME
   a) Street *(job)* Address: 152 SW AURORA WAY LAKE CITY 32
2. General description of improvements: NEW CONSTRUCTION
3. Owner Information or Lessee information if the Lessee contracted for the improvements:
   a) Name and address: S&D PROPERTY INVESTMENTS INC.
   b) Name and address of fee simple titleholder (if other than owner) 123 N.E. BRADLEY TER LAKE CITY FL 32055
   c) Interest in property OWNER
4. Contractor Information
   a) Name and address: DERALD PAT MCMANUS 9448 SW 146TH RANE LAKE BUTLER FL. 32054
   b) Telephone No.: 386 965 4910
5. Surety Information (if applicable, a copy of the payment bond is attached):
   a) Name and address:
   b) Amount of Bond: N/A
   c) Telephone No.:
6. Lender
   a) Name and address:
   b) Phone No. N/A
7. Person within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes:
   a) Name and address: DANIEL P DUKES 123 NE BRADLEY TER LAKE CITY FL 32055
   b) Telephone No.: 904-545-8744
8. In addition to himself or herself, Owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes:
   a) Name: DERALD PAT MCMANUS OF MCMANUS FAMILY CONSTRUCTION LLC
   b) Telephone No.: 386-965-4910
9. Expiration date of Notice of Commencement **(the expiration date will be 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 YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

S&D Property Investments, Inc.
By: _____, Vice-President
Signature of Owner or Lessee, or Owner's or Lessee's Authorized Office/Director/Partner/Manager

Daniel A. Dukes, Vice President
Printed Name **and** Signatory's Title/Office

The foregoing instrument was acknowledged before me, a Florida Notary, this 12th day of August, 2016, by:

Daniel A. Dukes as Vice President for S&D Property Investments Inc
(Name of Person) (Type of Authority) (name of party on behalf of whom instrument was executed)

Personally Known ____ OR Produced Identification ✓ Type FLDL

Notary Signature _____ Notary Seal/Stamp Official:

CHERYL A. MORGAN
Notary Public - State of Florida
My Comm. Expires Oct 28, 2016
Commission # EE 847113

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1608-27 CONTRACTOR DERALD PAT MCMANUS PHONE 386 965 4910

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 543	Print Name Chad White License #: EC 13002222	Signature Chad White Phone #: 352-538-5544
MECHANICAL/ A/C 770	Print Name Timothy D Shatto License #: CAC057875	Signature Tim Shatto Phone #: 386-496-8224
PLUMBING/ GAS 759	Print Name Kenneth Keen License #: 1428686	Signature Kenneth Keen elect to Sign Phone #: 386-752-0770
ROOFING 1757	Print Name DERALD PAT MCMANUS License #: CGC 1518108	Signature Derald Pat McManus Phone #: 386-965-4910
~~SHEET METAL~~	Print Name N/A License #:	Signature Phone #:
FIRE SYSTEM/ SPRINKLER	Print Name N/A License#:	Signature Phone #:
~~SOLAR~~	Print Name N/A License #:	Signature Phone #:

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

CGC (1757) 1518108 Derald Pat McManus

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.