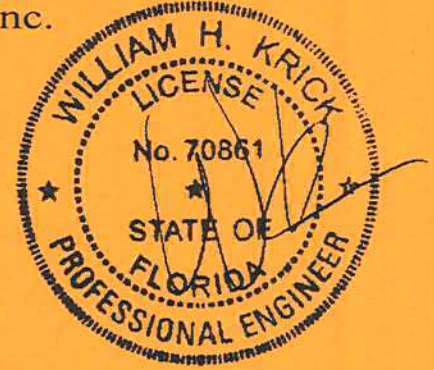


30753

ITW Building Components Group, Inc.

2400 Lake Orange Drive suite 150 Orlando FL 32837
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID: 1V4H487-Z0207113903



Truss Fabricator: **Anderson Truss Company**
Job Identification: **14-033--OWNER BUILDER /Paul Fountain -- , ****
Truss Count: **1**
Model Code: **Florida Building Code 2010**
Truss Criteria: **FBC2010Res/TPI-2007(STD)**
Engineering Software: **Alpine Software, Version 12.03.**
Structural Engineer of Record: **The identity of the structural EOR did not exist as of the seal date per section 61G15-31.003(5a) of the FAC**
Address: **Roof - 32.0 PSF @ 1.25 Duration**
Minimum Design Loads: **Floor - N/A**
Wind - 130 MPH ASCE 7-10 -Closed

03/07/2014

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: HCUSR9114

William H. Krick
-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

Details: -

#	Ref	Description	Drawing#	Date
1	90631--A	34' Common	14066022	03/07/14

ALPINE

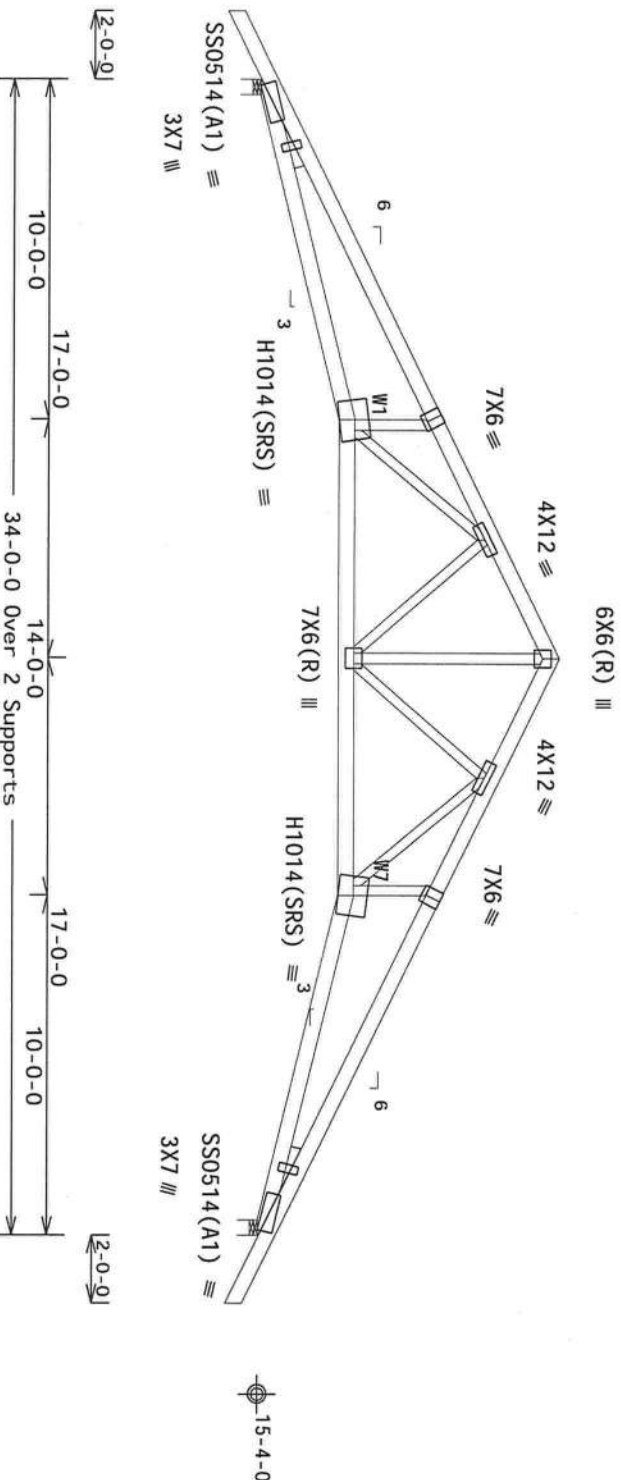
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR

130 mph wind, 19.62 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=0.0 psf. GCPI (+/-)=0.18

Calculated horizontal deflection is 0.37" due to live load and 0.37" due to dead load.

Bottom chord checked for 10.00 psf non-concurrent live load.
Trusses to be spaced at 72.0" OC maximum.

factor for dead load is 1.50.



R=3789 U=856 W=5.5"

026 13 OTV.9 EI /-A/-/-B/- Sca1c = 1875"/E+

drawing or cover page listing this drawing. Indicates acceptance of professional engineer's responsibility solely for the design shown. The suitability and use of this design for any responsibility of the Building Design Group per AISI/TP-1 Sec. 2. For more information see general notes page. ITB-002: www.itbbsg.com; P1: www.p1nort.org; WCA: www.sbcindustry.com; www.lacerta.org



TC LL	20.0 PSF	REF	R9114- 90631
TC DL	10.0 PSF	DATE	03/07/14
BC DL	2.0 PSF	DRW	HCSR9114 14066022
BC LL	0.0 PSF	HC-ENG	KD/WHK
TOT. LD.	32.0 PSF	SEQN-	355947
DUR. FAC.	1.25		
SPACING	72 0"	IRREF	1V4H487 702



COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST

MINIMUM PLAN REQUIREMENTS: FLORIDA BUILDING CODE RESIDENTIAL 2010 EFFECTIVE 15 MARCH 2012 AND THE NATIONAL ELECTRICAL 2008 EFFECTIVE 1 OCTOBER 2009

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT 2010 FLORIDA BUILDING CODES RESIDENTIAL, EFFECTIVE 15 MARCH 2012. NATIONAL ELECTRICAL CODE 2008 EFFECTIVE 1 OCTOBER 2009. ALL PLANS OR DRAWINGS SHALL PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FLORIDA BUILDING CODE FIGURE 1609-A THROUGH 1609-C ULTIMATE DESIGN WIND SPEEDS FOR RISK CATEGORY AND BUILDINGS AND OTHER STRUCTURES

**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			

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	IIII	IIII	IIII
		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/m ²), to be used for the design of exterior component, cladding materials not specifi ally 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 plan (see Florida product approval form)

GENERAL REQUIREMENTS:
APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

Items to Include-
Each Box shall be
Circled as
Applicable

FBCR 403: Foundation Plans

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
30	All posts and/or column footing including size and reinforcing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31	Any special support required by soil analysis such as piling.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32	Assumed load-bearing value of soil _____ Pound Per Square Foot	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

FBCR 506: CONCRETE SLAB ON GRADE

34	Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35	Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

37	Show all materials making up walls, wall height, and Block size, mortar type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or piers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
41	Girder type, size and spacing to load bearing walls, stem wall and/or piers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
42	Attachment of joist to girder	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
43	Wind load requirements where applicable	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
44	Show required under-floor crawl space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
45	Show required amount of ventilation opening for under-floor spaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
46	Show required covering of ventilation opening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
47	Show the required access opening to access to under-floor spaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
48	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & inter of the areas structural panel sheathing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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 IRC Table 502.5 (1)			
57	Indicate where pressure treated wood will be placed			
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas			
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail			

FBCR :ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.1.6.1 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 assemblies covering			
72	Submit Florida Product Approval numbers for each component of the roof assemblies covering			

FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter 11 Residential buildings compliance methods. **Two of the required forms are to be submitted, N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.**

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

HVAC information

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
78	Exhaust fans shown in bathrooms Mechanical exhaust capacity of 50 cfm intermittent or 20 cfm continuous required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
79	Show clothes dryer route and total run of exhaust duct	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Plumbing Fixture layout shown

80	All fixtures waste water lines shall be shown on the foundation plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
81	Show the location of water heater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Private Potable Water

82	Pump motor horse power	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
83	Reservoir pressure tank gallon capacity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
84	Rating of cycle stop valve if used	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Electrical layout shown including

85	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
87	Show the location of smoke detectors & Carbon monoxide detectors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
88	Show service panel, sub-panel, location(s) and total ampere ratings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
89	<p>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.</p> <p>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</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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.			

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.

<p align="center">GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL</p>	<p align="center">Items to Include- Each Box shall be Circled as Applicable</p>
-------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	Building Permit Application A current On-Line Building Permit Application www.ccpermit.com is to be completed, by following the Checklist all supporting documents must be submitted. There is a \$15.00 application fee.			
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 requested. 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 permit showing an approved waste water sewer tap 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 911 address must be applied for and received through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125 Ext. 3			

PRODUCT APPROVAL SPECIFICATIONS

Ref. Florida Statute 553.842 and FAC 9B-72

Category/Subcategory	Manufacturer	Product Description	Approval Numbers
1. Exterior Doors			
A. Swinging	Masonite		FI 468-R1
2. Windows			
B. Horizontal Slider	Magnolia	Vinyl	FL 10300
E. Fixed	Magnolia	Fixed	FL 5418
3. Panel Wall			
A. Siding	Certainteed	Cement Board	FL 889-R1
4. Roofing Products			
B. Underlayments	Woodland Industries		FL 1814-R1
D. Non-Structural Metal Roofing			FL 4586.3
7. Structural Components			
A. Wood Connectors/Anchors			FL 474-R1
C. Engineered Lumber			FL 1008-R1

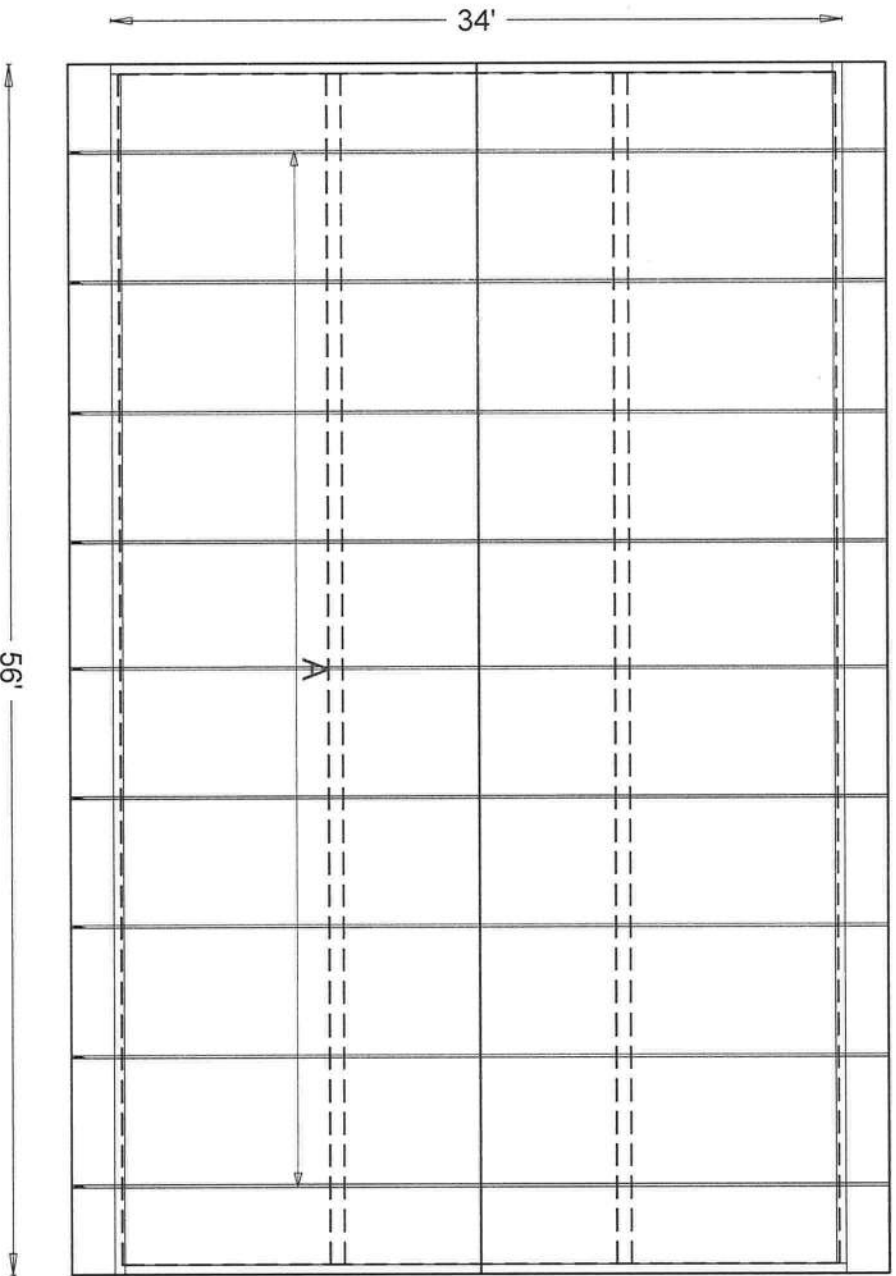
The Products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product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

Applicant Signature

Date



Fountain Res



Total Plan Area with OHs = 2128 sq.ft

Roof Plane Sheathing Area = 2379 sq. ft

Total Truss Quantity = 9.



ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID: IUS69114Z0119135619



Truss Fabricator: **Anderson Truss Company**
Job Identification: **12-371B--Fill in later -9-34' scissors 6' o/c -- 4432 SW Hailong St. East China**
Truss Count: **1**
Model Code: **Florida Building Code 2010**
Truss Criteria: **FBC2010Res/TPI-2007(STD)**
Engineering Software: **Alpine Software, Version 10.03.**
Structural Engineer of Record: **The identity of the structural EOR did not exist as of**
Address: **the seal date per section 61615-31.003(5a) of the FAC**
Minimum Design Loads: **Roof - 32.0 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: HCUSR9114

Walter P. Finn
-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

Details: -

#	Ref	Description	Drawing#	Date
1	91157--A	34' Common	12354006	12/19/12

ALPINE

(12-371B--Fill in later -9-34' scissors 6' o/c -- 4432 SW Herlong St. Fort White, - A 34' Common)
Top chord 2x6 SP M-26
Bot chord 2x6 SP SS_12A :B2 2x6 SP M-26:
Webs 2x4 SP #1_12A :W1, W5 2x4 SP #3_12A:
:Lt Wedge 2x4 SP #3_12A:Rt Wedge 2x4 SP #3_12A:

Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

(a) continuous lateral bracing, equally spaced on member.

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

CHORD	SPACING(IN OC)	START(FT)	END(FT)
TC	24	-2.00	36.00
BC	75	0.15	33.85

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

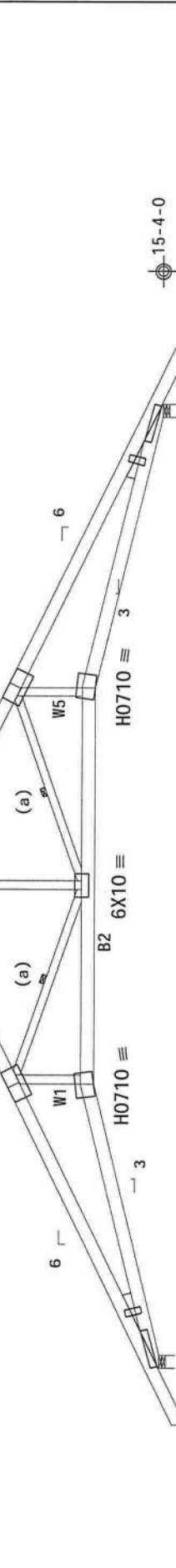
Calculated horizontal deflection is 0.41" due to live load and 0.41" due to dead load.

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

Trusses to be spaced at 72.0" OC maximum.

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

Calculated vertical deflection is 0.56" due to live load and 0.56" due to dead load at X = 24-0-0.



17-0-0 14-0-0 10-0-0 34-0-0 Over 2 Supports

R=3789 U=755 W=5.5" RL=571/-571

12-0-0 17-0-0 14-0-0 10-0-0 34-0-0 Over 2 Supports

17-0-0 14-0-0 10-0-0 34-0-0 Over 2 Supports

17-0-0 14-0-0 10-0-0 34-0-0 Over 2 Supports

17-0-0 14-0-0 10-0-0 34-0-0 Over 2 Supports

17-0-0 14-0-0 10-0-0 34-0-0 Over 2 Supports

17-0-0 14-0-0 10-0-0 34-0-0 Over 2 Supports

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17-0-0 14-0-0 10-0-0 34-0-0 Over 2 Supports

17-0-0 14-0-0 10-0-0 34-0-0 Over 2 Supports

PLT TYP. 20 Gauge HS, Wave

Design Crit: FBC2010Res/TPI-2007(S15)

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

Scale = .1875"/Ft.

FL/-4/-/-R/-

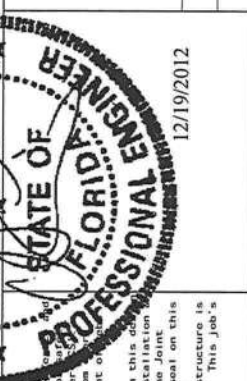
16.03.11 0909.20

12/19/2012

12/19/2012

12/19/2012

TC LL	20.0 PSF	REF	R9114- 91157
TC DL	10.0 PSF	DATE	12/19/12
BC DL	2.0 PSF	DRW	HCUSR9114 12354006
BC LL	0.0 PSF	HC-ENG	SSB/WPF
TOT.LD.	32.0 PSF	SEQN-	295503
DUR.FAC.	1.25	JREF-	1US69114Z01
SPACING	72.0"		



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

17W Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278