

#30617

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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: IUSY9114Z0116135257



Truss Fabricator: **Anderson Truss Company**
Job Identification: **Repair 12-198pb (Repair 12-198pb-)**
Truss Count: **1**
Model Code: **Florida Building Code 2010**
Truss Criteria: **FBC2010Res/TPI-2007(STD)**
Engineering Software: **Alpine Software, Version 12.02.**
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 - 37.0 PSF @ 1.25 Duration**
Minimum Design Loads: **Floor - N/A**
Wind - 120 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

William H. Krick
-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

Details: BRCLBSUB-

#	Ref	Description	Drawing#	Date
1	45386-A3	45' Stepdown	13016001	01/16/13

ALPINE

Repair Charge: \$48.75 per Customer Agreement.
Amount to be invoiced separately.

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-Truss Design Engineer-
William H. Krick

1950 Marley Drive
Haines City, FL 33844

Revised Trusses

#	Ref	Description	Drawing#	Date
1	45386-A3	45' Stepdown	13016001	01/16/13

ALPINE

Repair Charge: \$48.75 per Customer Agreement.
Amount to be invoiced separately.

REPAIR TO CHANGE EXTERIOR GEOMETRY OF TRUSS, BEARING ELEVATION WENT FROM 9-0-0 TO 9-2-0 AS SHOWN.

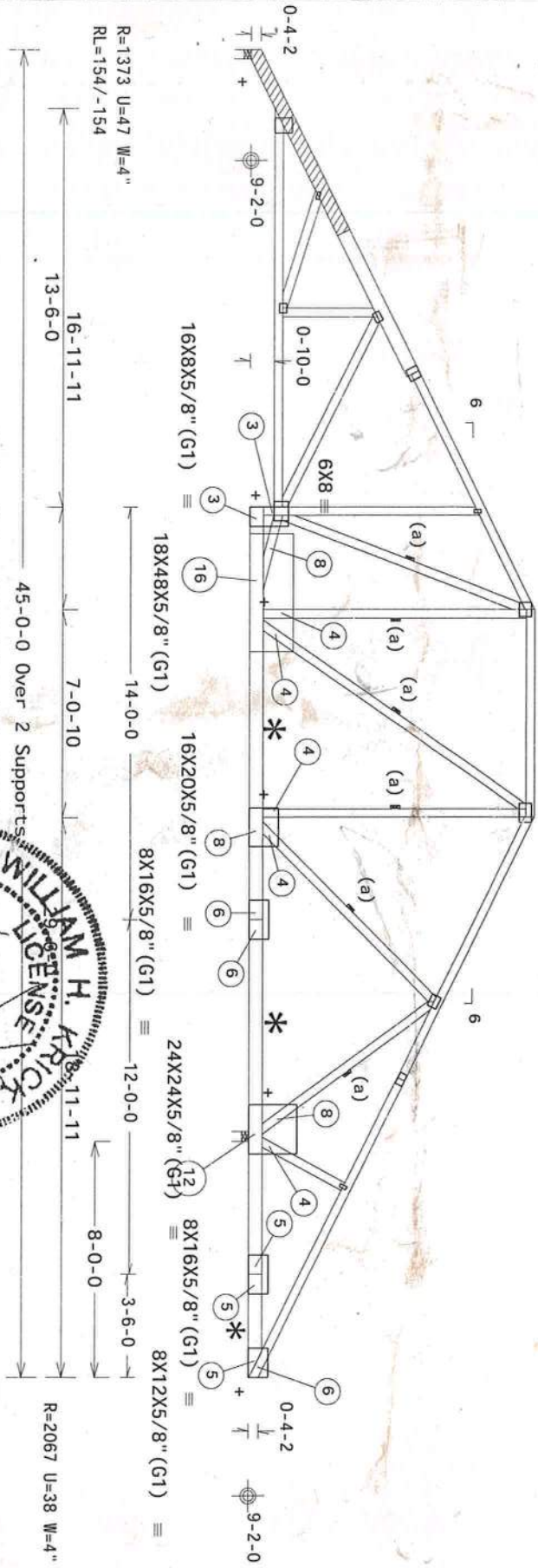
FIELD REPAIR MUST COMPLY WITH ALPINE DESIGNS AND SPECIFICATIONS. REFER TO DRAWING HCURSR487 12234014 FOR LUMBER, PLATES AND OTHER DATA NOT GIVEN HERE.

Prior to and during repair operation, this truss and any supported spans must be temporarily braced and shored. The design and positioning of such shall be designed and supplied by others.

+ USE A SHARP METAL CUTTING SAW BLADE TO CAREFULLY REMOVE UNWANTED MATERIAL FROM THE TRUSS AS SHOWN DASHED. REMAINING PORTIONS OF TRUSS MUST BE FREE FROM DAMAGE.

* ONE (1) 2x6x(CUT TO FIT) SP #2 12A OR BETTER. ATTACH WITH GUSSET PLATES (G1) AS SHOWN AND DIRECTED.

- (G1) Gusset Plates are 5/8" APA STRUCTURAL I RATED SHEATHING, 40/20, EXP 1. Apply gusset to each face of truss and attach with evenly distributed 0.131"x2.5" Nails specified in circles. Hatched lines indicate portions on gussets protruding outside of the perimeter of the truss that may be trimmed flush with the truss profile. Minimum Nail/Screw Spacing Requirements Based on ANSI/AF&PA NDS-2001: End Distance 2-1/8" Edge Distance 3/4" Spacing Between Rows 3/4" Spacing in a Row 2-1/8" Maximum Number of Rows for Member Size:
 - 2x4 3 Rows
 - 2x6 6 Rows
- (a) Continuous lateral bracing equally spaced on member.
- (2) 2x6x6-11-12 SP M-26 scabs at left end. Attach one scab to each outer face of chord with: 0.128"x3" min. nails @ 8" OC, Plus additional nail clusters at: BRG.: (4), heel: (6), 1st panel point: (3).



TRUSS REPAIR

DAMAGED TRUSSES MUST BE CAREFULLY EVALUATED TO DETERMINE THE EXTENT OF DAMAGE AND THE FEASIBILITY OF REPAIR. IN SOME CASES THE PRUDENT SOLUTION IS TO SCRAP THE DAMAGED TRUSSES AND REBUILD. INTERNAL WOOD FIBER DAMAGE AND EXCESSIVE CONNECTOR STRESS FROM BENDING OR SHOCK CANNOT BE READILY DETECTED. THEREFORE, IT IS VITAL THAT THE TRUSS FABRICATOR AND BUILDING CONTRACTOR CONSIDER THE CAUSE OF THE DAMAGE IN THEIR DECISION WHETHER TO REPAIR OR REBUILD.

REPAIR WORK SHOWN ON THIS DRAWING APPLIES ONLY TO THOSE SECTIONS OF THE TRUSS REPORTED BY THE TRUSS MANUFACTURER TO HAVE BEEN DAMAGED. A QUALIFIED THIRD PARTY INSPECTOR SHALL CHECK TRUSSES TO DETERMINE THE EXTENT OF ANY FURTHER DAMAGE. IF ANY, AND VERIFY THAT REPAIRS HAVE BEEN PERFORMED AS INDICATED ON THIS DRAWING.



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



TC LL	20.0 PSF	REF	R9114-45386
TC DL	7.0 PSF	DATE	01/16/13
BC DL	10.0 PSF	DRW	HCURSR9114 13016001
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT. LD.	37.0 PSF	SEQN-	5636
DUR. FAC.	1.25	REV	
SPACING	24.0"	JREF-	TUSV9114Z01

Scale = .1875"/Ft.

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Donald F. Lee & Associates, Inc.

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- Highway & Route Surveys
 - Topographic Surveys
 - Land & Subdivision Surveys
 - Control Surveying
- Since 1984

DATE: Thursday, December 06, 2012

TO: Columbia County Building Department

CC: Bryan Zecher Construction


FROM: Tim Delbene - Donald F. Lee & Associates

RE: Floor Elevation Check – Lot 56, Oaks of Lake City Phase 1

This is to Certify that elevations were obtained for a foundation (stemwall) under construction on the above referenced parcel of land. The results are as follows:

House stemwall elevation: 83.44 feet

The record subdivision plat for "Oaks of Lake City Phase I" indicates that the Minimum Floor Elevation (MFE) for this lot, as set by the project engineer for the development, is 77.0 feet. Elevations are based on NAVD1988 datum.

 *Timothy A. Delbene*

SIGNED: Timothy A. Delbene, PSM
Florida Reg. Cert. No. LS 5594