DATE 09/28/2006

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000025036

APPLICANT MARK WIENCEK PHONE 386 466-1871

ADDRESS 443 SW AIRPARK GLEN LAKE CITY FL 32025

OWNER MARK & SUE WIENCEK PHONE 798.687.2147

ADDRESS 443 SW AIRPRK GLEN LAKE CITY FL 32025

CONTRACTOR MARK WIENCEK PHONE 386 466-1871

LOCATION OF PROPERTY HWY 90 TO SISTERS WELCOME RD,TL ON AIRPARK GLEN, TO THE END OF CUL-DE-SAC ON N-SIDE OF ROAD.

TYPE DEVELOPMENT HANGER ESTIMATED COST OF CONSTRUCTION 60000.00

HEATED FLOOR AREA _____ TOTAL AREA 2748.00 HEIGHT ____ STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 4/12 FLOOR SLAB

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. 1 FLOOD ZONE NA DEVELOPMENT PERMIT NO. _____

PARCEL ID 12-4S-16-02947-018 SUBDIVISION CANNON CREEK AIRPARK

LOT 18 BLOCK ____ PHASE ____ UNIT ____ TOTAL ACRES _____

			/ [signature]
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
EXISTING	06-0757-E	BK	JH	
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 3030

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 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

Permanent power _____ date/app. by C.O. Final _____ date/app. by Culvert _____ date/app. by

M/H tie downs, blocking, electricity and plumbing _____ date/app. by Pool _____ date/app. by

Reconnection _____ date/app. by Pump pole _____ date/app. by Utility Pole _____ date/app. by

M/H Pole _____ date/app. by Travel Trailer _____ date/app. by Re-roof _____ date/app. by

BUILDING PERMIT FEE $ 300.00 CERTIFICATION FEE $ 13.74 SURCHARGE FEE $ 13.74

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 $ ____ **TOTAL FEE** 402.48

INSPECTORS OFFICE [signature] CLERKS OFFICE CH

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

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

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

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

Columbia County Building Permit Application

For Office Use Only Application # 0609-17 Date Received 9-8-06 By CH Permit # 25036
Application Approved by - Zoning Official BLK Date 9.09.06 Plans Examiner OK JTH Date 9-27-06
Flood Zone _____ Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res. Low Den.
Comments Accessory Use

Applicants Name Mark Wiencek Phone 386-466-1871
Address 443 S.W. Airpark Glen, Lake City, FL, 32025
Owners Name SAME AS ABOVE Phone _____
911 Address _____
Contractors Name SELF Phone 386-466-1871
Address SAME
Fee Simple Owner Name & Address _____
Bonding Co. Name & Address N/A
Architect/Engineer Name & Address Mark Disosway PE, P.O. Box 868, Lake City, FL, 32056
Mortgage Lenders Name & Address N/A

Circle the correct power company - FL Power & Light - (Clay Elec.) - Suwannee Valley Elec. - Progressive Energy
Property ID Number 12-4S-16-02947-018 Estimated Cost of Construction $60,000
Subdivision Name Cannon Creek Airpark Lot 18 Block - Unit - Phase -
Driving Directions US 90 to Sisters Welcome, Sisters Welcome South to Airpark Glen. Airport Glen east, ~~to~~ ~~493~~ - 2ND HOME off corner to the very end. (Big Brick Home.)
Type of Construction Frame Hangar Number of Existing Dwellings on Property 1
Total Acreage 1 Lot Size 110x395 Do you need a - Culvert Permit or Culvert Waiver or (Have an Existing Drive)
Actual Distance of Structure from Property Lines - Front 200+ Side 10 Side 45 Rear 60
Total Building Height 14' Number of Stories 1 Heated Floor Area N/A TOTAL 2748 Roof Pitch 4/12

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

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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

M. D. Wiencek
Owner Builder or Agent (Including Contractor)

GAIL TEDDER MY COMMISSION # DD 333586 EXPIRES: March 28, 2008 Bonded Thru Notary Public Underwriters
Contractor Signature
Contractors License Number
Competency Card Number
NOTARY STAMP/SEAL

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 28th day of Sept 20__.
Personally known ____ or Produced Identification DL

Notary Signature

DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THER OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed $25,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F .I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

( ) Single Family Dwelling
( ) Two-Family Residence
( ) Farm Outbuilding
(X) Other Aircraft Hangar
( ) New Construction
( ) Addition, Alteration, Modification or other Improvement

NEW CONSTRUCTION OR IMPROVEMENT

I Mark Wiencek, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number_____

M. S. Wiencek 8/16/06

Signature Date

FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date_____ Building Official/Representative_____

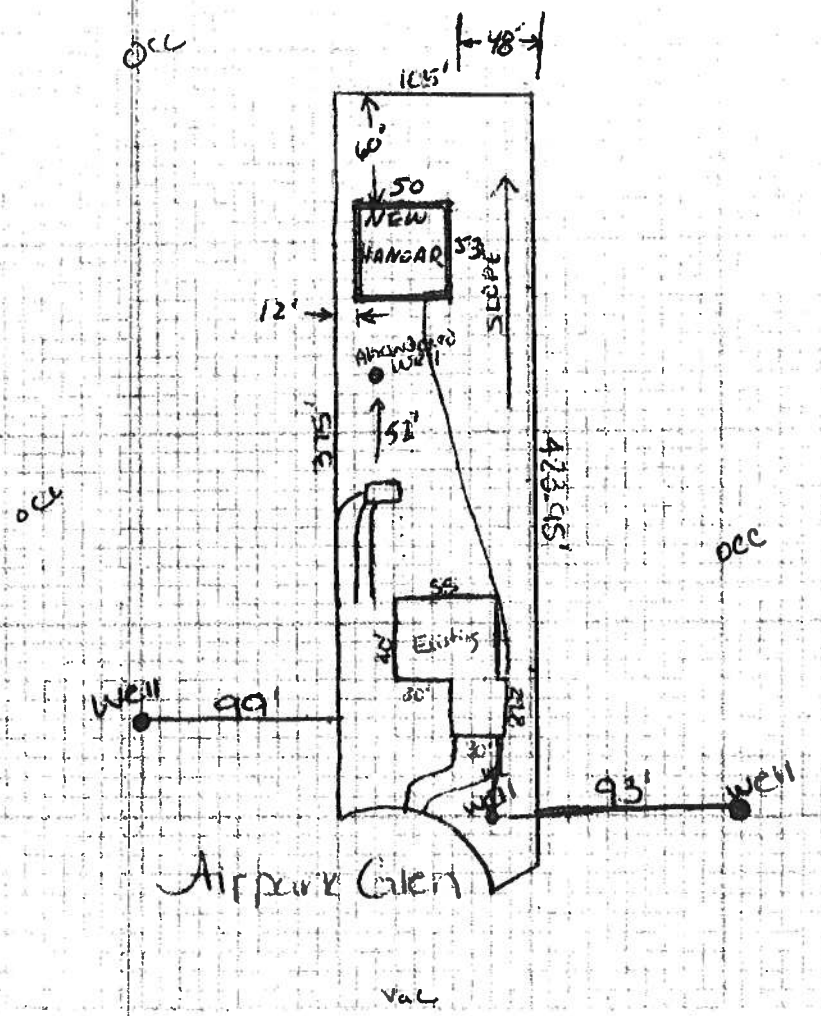
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT 06-0757E

Permit Application Number [redacted]

PART II - SITE PLAN

Scale: Each block represents 10 feet and 1 inch = 100 feet.



Notes: 10' from septic to PL

Site Plan submitted by: Mark Wiencek M.S. Wiencek Owner
Signature Title

Plan Approved [signature] Not Approved ____ Date 8/21/06

By [signature] Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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

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

Tax Parcel ID Number 12-4S-16-02447-018 **PERMIT NUMBER** _____

1. **Description of property: (legal description of the property and street address or 911 address)**
Single family home located at 443 S.W. Airpark Glen, Lake City, FL, 32025

2. **General description of improvement:** aircraft hangar on rear of lot

3. **Owner Name & Address** 443 S.W. Airpark Glen Mark Wiencek **Interest in Property** owner

4. **Name & Address of Fee Simple Owner (if other than owner):** _____

5. **Contractor Name** Mark Wiencek **Phone Number** 386-466-1871
Address 443 SW Airpark Glen, Lake City, FL, 32025

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

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

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

9. **In addition to himself/herself the owner designates** _____ **to receive a** Inst:200619496 Date:08/16/2006 Time:15:30
(a) 7. Phone Number of the designee _____ D.T. DC,P.DeWitt Cason,Columbia County B:1092 P:2766

10. **Expiration date of the Notice of Commencemen**
(Unless a different date is specified) _____

NOTICE AS PER CHAPTER 713, Florida Statutes:
The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

M.S. Wiencek
M.S. Wiencek
Signature of Owner

PROVIDED FL DL AS ID
Sworn to (or affirmed) and subscribed before day of August 16, 2006

ROSE ANN AIELLO
MY COMMISSION # DD397594
EXPIRES: February 17, 2009
1-800-3-NOTARY FL Notary Discount Assoc. Co.

NOTARY STAMP/SEAL

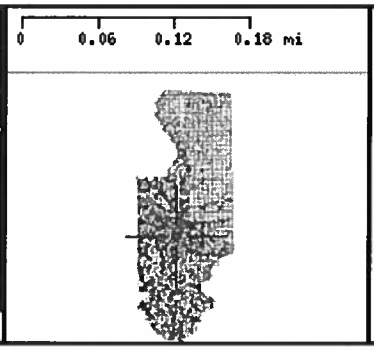
Rose Ann Aiello
Signature of Notary RoseAnn Aiello

Columbia County Property Appraiser

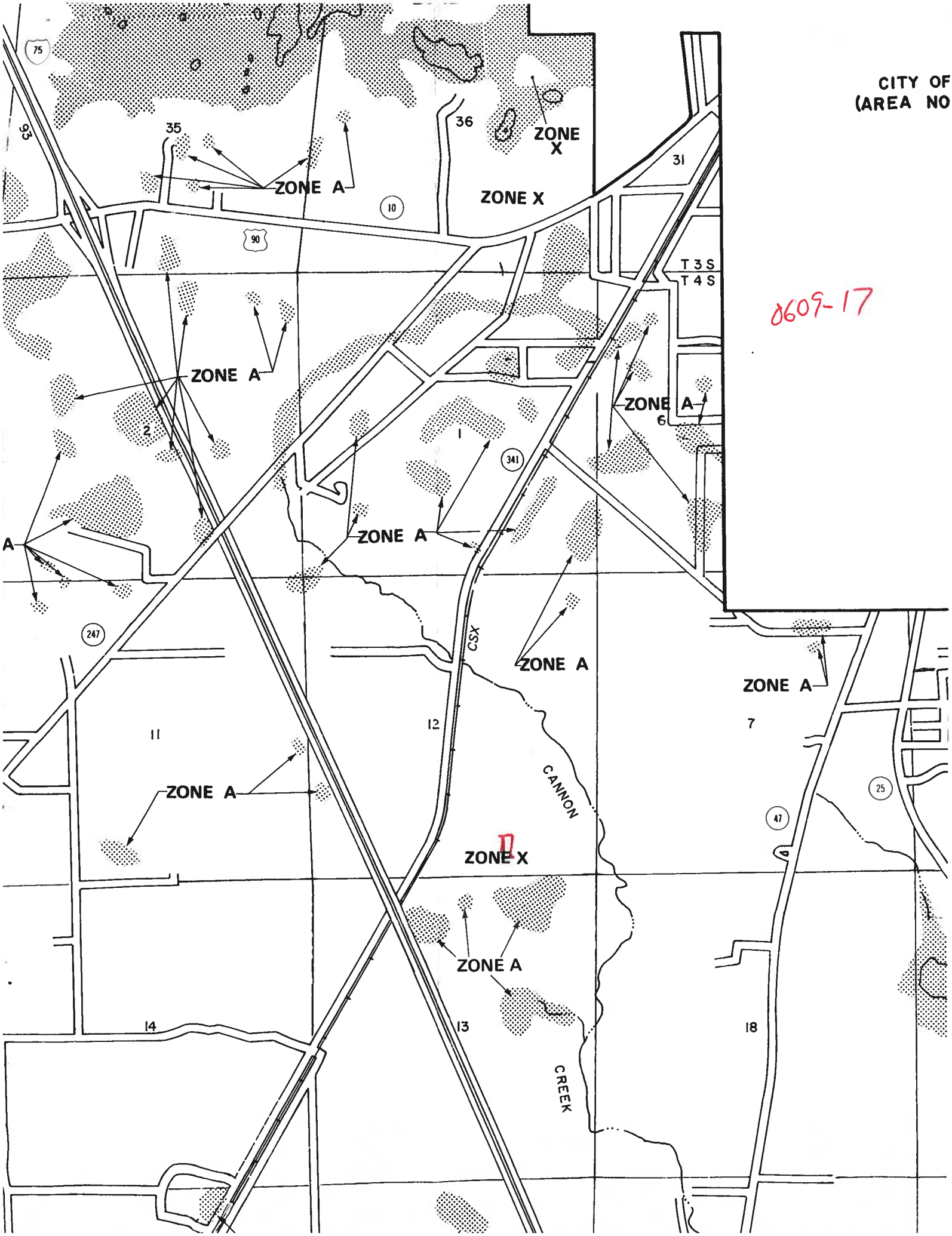
J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 12-4S-16-02947-018 - VACANT (000000)

Name:	WIENCEK MARK S & SUZANNE	LandVal	$63,500.00
Site:		BldgVal	$0.00
Mail:	15524 LOCKWOOD OAK FORREST, IL 60452	ApprVal	$63,500.00
		JustVal	$63,500.00
Sales Info	12/28/2000 $47,000.00V / Q	Assd	$63,500.00
	4/30/1995 $29,500.00V / Q	Exmpt	$0.00
	3/21/1995 $20,000.00V / U	Taxable	$63,500.00



This information, GIS Map Updated: 8/1/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.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341
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75
93
25
47

From: The Columbia County Building & Zoning Department
Plan Review
135 NE Hernando Av.
P.O. Box 1529
Lake City Florida 32056-1529

Reference to a building permit application Number: 0609-17

Owner/Builder Mark Wiencek Property ID#12-4s-16-02947-018

On the date of September 13, 2006 application 0609-17 and plans for construction of a residential aircraft hanger were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0609-17 and when making reference to this application.

This is a plan review for compliance with the Florida Residential Code 2004 only and doesn't make any consideration toward the land use and zoning requirements.

1. On the plans a fire rated wall is shown which will separate the aircraft hanger area for the workshop/storage area. Please show a detail drawing that will provide a one hour fire rated wall from the foundation floor to the

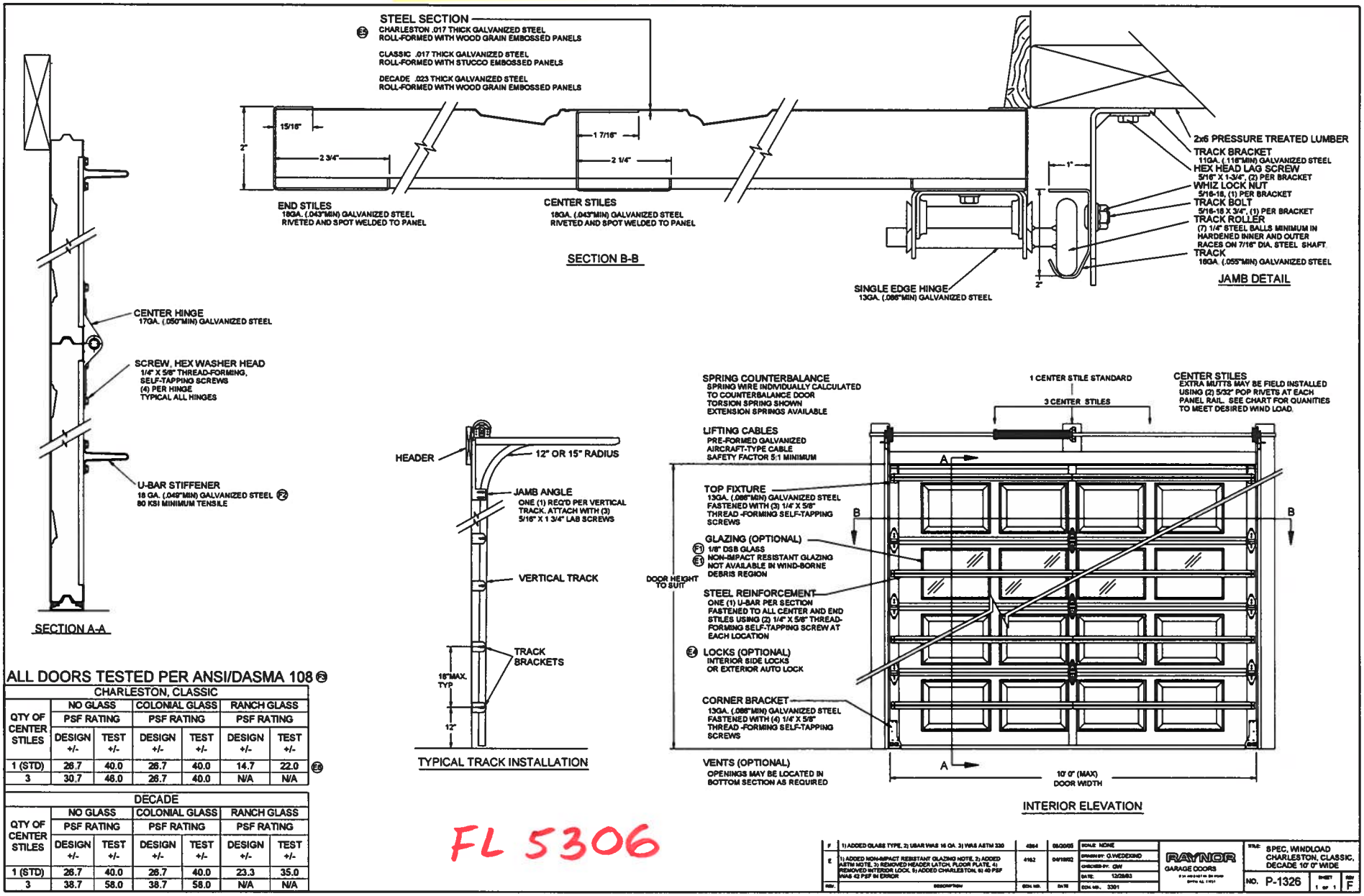
under side of the roof decking. With in this fire rated wall a penetration is shown which will be made by installing two 36" French type doors. Provide product information on twenty minute fire rated doors and frame, the doors be required to have self closing devices installed.

2. The floor plans show a hot water heater to be installed top side of the ceiling in the workshop area. Show the method to provide an access path from the attic access opening as required by the Florida Mechanical Code 2004 section 306.3 Appliances in attics. Attics containing appliances requiring access shall be provided with an opening and unobstructed passageway large enough to allow removal of the largest appliance. The passageway shall not be less than 30 inches (762 mm) high and 22 inches (559 mm) wide and not more than 6 feet (1829 mm) in length measured along the centerline of the passageway from the attic access opening to the appliance's service panel. The passageway shall have continuous solid flooring not less than 24 inches (610 mm) wide. A level service space not less than 30 inches (762 mm) deep and 30 inches (762 mm) wide shall be present at the front or service side of the appliance. The clear access opening dimensions shall be a minimum of 20 inches by 30 inches (508 mm by 762 mm), where such dimensions are large enough to allow removal of the largest appliance. Show the type and thickness of the floor decking to be used to gain access to this appliance.

3. Please provide the amperage rating of the panel form which the sub-panel will be feed from also provide the amperage rating of the sub-panel.

225/100 sub

Joe Haltiwanger
Plan Examiner
Columbia County Building
Department



ALL DOORS TESTED PER ANSI/DASMA 108 F3

CHARLESTON, CLASSIC							
QTY OF CENTER STILES	NO GLASS		COLONIAL GLASS		RANCH GLASS		
	PSF RATING		PSF RATING		PSF RATING		
	DESIGN +/-	TEST +/-	DESIGN +/-	TEST +/-	DESIGN +/-	TEST +/-	
1 (STD)	28.7	40.0	28.7	40.0	14.7	22.0	E6
3	30.7	46.0	28.7	40.0	N/A	N/A	

DECADE						
QTY OF CENTER STILES	NO GLASS		COLONIAL GLASS		RANCH GLASS	
	PSF RATING		PSF RATING		PSF RATING	
	DESIGN +/-	TEST +/-	DESIGN +/-	TEST +/-	DESIGN +/-	TEST +/-
1 (STD)	26.7	40.0	26.7	40.0	23.3	35.0
3	38.7	58.0	38.7	58.0	N/A	N/A

FL 5306

REV.	DESCRIPTION	ECN NO.	DATE
F	1) ADDED GLASS TYPE, 2) USAR WAS 16 GA. 3) WAS ASTM 330	4264	05/2005
E	1) ADDED NON-IMPACT RESISTANT GLAZING NOTE, 2) ADDED ASTM NOTE, 3) REMOVED HEADER LATCH, FLOOR PLATE, 4) REMOVED INTERIOR LOCK, 5) ADDED CHARLESTON, 6) 40 PSF WAS 42 PSF IN ERROR	4162	04/19/02

SCALE: NONE
DRAWN BY: G.WEDEKIND
CHECKED BY: DM
DATE: 12/28/83
ECN NO.: 3301

RAYNOR GARAGE DOORS

TITLE: SPEC, WINDLOAD CHARLESTON, CLASSIC, DECADE 10' 0" WIDE
NO. P-1326
SHEET 1 OF 1
REV F

Columbia Door Company

P.O. Box 2613
Lake City, FL 32056-2613
Phone# 386-754-9992
Fax# 386-754-9993

Estimate

Date	Estimat...
9/5/2006	1579

Name / Address
Mark Wiencek

P.O. No.
466-1871

Description	Qty	Cost	Total
10' wide x11'5" high Raynor/Styleform Basic Steel Garage Door Windrated @ 110 mph (framed 9'10.5" x 11'5")	1	1,280.00	1,280.00
Lift-Master ATS Trolley Opener W/12ft Rail and Two Remotes	1	475.00	475.00

Quote subject to change after 30 days!

Total $1,755.00

FLORIDA DEPARTMENT OF Community Affairs

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Community Affairs

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Product Approval

USER: Public User

Product Approval Menu > Product or Application Search > Application List > **Application Detail**

FL #	FL4904 ✔
Application Type	New
Code Version	2004
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	Masonite International
Address/Phone/Email	One North Dale Mabry Suite 950 Tampa, FL 33609 (615) 441-4258 sschreiber@masonite.com
Authorized Signature	Steve Schreiber sschreiber@masonite.com
Technical Representative Address/Phone/Email	
Quality Assurance Representative Address/Phone/Email	
Category	Exterior Doors
Subcategory	Swinging Exterior Door Assemblies
Compliance Method	Certification Mark or Listing
Certification Agency	National Accreditation & Management

Referenced Standard and Year (of Standard)	**Standard** ASTM E1300 ASTM E1300 TAS 201 TAS 202 TAS 203
Equivalence of Product Standards Certified By	
Sections from the Code	Section 2612 HVHZ Pl
Product Approval Method	Method 1 Option A
Date Submitted	07/25/2005
Date Validated	09/27/2005
Date Pending FBC Approval	08/14/2005
Date Approved	10/06/2005

Summary of Products

FL #	Model, Number or Name	Description
4904.1	Wood-edge Steel Side-Hinged Door Units	6'-8" Opaque I/S and O/S
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 3'-0" x 6'-8" max nominal size. Max DP = +/- 76.0. When large missile impact resistance is required, hurricane protective system is NOT required. See installation drawing DWG-MA-FL0128-05 for additional information.		**Certification Agency Ce** **Installation Instruction** PTID_4904_I_Install 68 PTID_4904_I_Install 68 PTID_4904_I_Install 80 PTID_4904_I_Install 80 Verified By:
4904.2	Wood-edge Steel Side-Hinged Door Units	8'-0" Opaque I/S and O/S
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:**		**Certification Agency Ce** **Installation Instruction** Verified By:

Impact Resistant: **Design Pressure:** +/- **Other:** Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 3'-0" x 8'-0" max nominal size. Max DP = +/- 70.0. When large missile impact resistance is required, hurricane protective system is NOT required. See installation drawing DWG-MA-FL0129-05 for additional information.		
4904.3	Wood-edge Steel Side-Hinged Door Units	6'-8" Opaque I/S and O/S Sidelites
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 6'-8" max nominal size. Max DP = +/- 55.0. When large missile impact resistance is required, hurricane protective system is NOT required on opaque panels, but is required on glazed panels. See installation drawing DWG-MA-FL0128-05 for additional information.		**Certification Agency Ce** **Installation Instruction** Verified By:
4904.4	Wood-edge Steel Side-Hinged Door Units	8'-0" Opaque I/S Door w/
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 8'-0" max nominal size. Max DP = + 45.0 / -50.0. When large missile impact resistance is required, hurricane protective system is NOT required on opaque panels, but is required on glazed panels. See		**Certification Agency Ce** **Installation Instruction** Verified By:

installation drawing DWG-MA-FL0129-05 for additional information.		
4904.5	Wood-edge Steel Side-Hinged Door Units	8'-0" Opaque O/S w/ or w
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 8'-0" max nominal size. Max DP = + 50.0 / -45.0. When large missile impact resistance is required, hurricane protective system is NOT required on opaque panels, but is required on glazed panels. See installation drawing DWG-MA-FL0129-05 for additional information.		**Certification Agency Ce** **Installation Instruction** Verified By:
4904.6	Wood-edge Steel Side-Hinged Door Units	6'-8" Glazed I/S and O/S Sidelites
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 6'-8" max nominal size. Max DP = +/- 50.5. When large missile impact resistance is required, hurricane protective system is required. See installation drawing DWG-MA-FL0130-05 for additional information.		**Certification Agency Ce** **Installation Instruction** Verified By:
4904.7	Wood-edge Steel Side-Hinged Door Units	8'-0" Glazed I/S Door w/
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Evaluated for use in locations adhering to the Florida Building Code including the High		**Certification Agency Ce** **Installation Instruction** Verified By:

Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 8'-0" max nominal size. Max DP = +40.0 / -45.0. When large missile impact resistance is required, hurricane protective system is required. See installation drawing DWG-MA-FL0131-05 for additional information.		
4904.8	Wood-edge Steel Side-Hinged Door Units	8'-0" Glazed O/S Door w/
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE 7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 12'-0" x 8'-0" max nominal size. Max DP = + 45.0 / -40.0. When large missile impact resistance is required, hurricane protective system is required. See installation drawing DWG-MA-FL0131-05 for additional information.		**Certification Agency Ce** **Installation Instruction** Verified By:

Back Next

DCA Administration

Department of Community Affairs
Florida Building Code Online
Codes and Standards
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

Product Approval Accepts:

FLORIDA DEPARTMENT OF Community Affairs

COMMUNITY PLANNING
HOUSING & COMMUNITY DEVELOPMENT
BUILDING CODES
FLORIDA COMMUNITIES TRUST
FRONT PORCH FLORIDA
EMERGENCY MANAGEMENT
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Product Approval

USER: Public User

Product Approval Menu > Product or Application Search > Application List > **Application Detail**

FL #	FL6029 ✔
Application Type	New
Code Version	2004
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	MI Windows and Doors
Address/Phone/Email	650 W Market St Gratz, PA 17030 (717) 365-3300 ext 2564 bdoyle@mihp.com
Authorized Signature	Brandon Doyle bdoyle@mihp.com
Technical Representative	
Address/Phone/Email	
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Single Hung
Compliance Method	Certification Mark or Listing
Certification Agency	American Architectural Manufacturers
Referenced Standard and Year (of	**Standard**

Standard) ANSI/AAMA/NWWDA 101/I.S.2

Equivalence of Product Standards Certified By

Product Approval Method Method 1 Option A

Date Submitted 12/27/2005
Date Validated 01/23/2006
Date Pending FBC Approval 01/26/2006
Date Approved 02/07/2006

Summary of Products

FL #	Model, Number or Name	Description
6029.1	185 Aluminum Triple Window Fin Frame	110x72 Single Glazed 1/8
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-40 DP -40 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** PTID 6029 I AAMA Cha Verified By:
6029.2	185 Aluminum Triple Window Fin Frame	110x72 Single Glazed 1/8
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-60 DP -69.3 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
6029.3	185 Aluminum Triple Window Fin Frame	110x72 Insulated 1/8" An
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-55 DP -69.3 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
6029.4	185 Aluminum Twin Window Fin Frame	106x72 Insulated 3/16" A

Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-55 DP -65 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
6029.5	185 Aluminum Twin Window Fin Frame	106x72 Single Glazed 1/8
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-55 DP -69.3 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
6029.6	185 Aluminum Twin Window Fin Frame	106x72 Single Glazed 3/1
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-40 DP -40 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
6029.7	450/650/850 Aluminum Window Fin Frame	48x84 Insulated 3/16" An
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-35 DP -47.2 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
6029.8	450/650/850 Aluminum Window Fin Frame	36x72 Insulated 3/16" An
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-40 DP -50 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
6029.9	450/650/850 Aluminum Window Flange Frame	48x84 Insulated 3/16" An
Limits of Use (See Other) **Approved for use in HVHZ:**		**Certification Agency Ce** **Installation Instruction**

Approved for use outside HVHZ: **Impact Resistant:** **Design Pressure:** +/- **Other:** R-35 DP -47.2 Per manufacturers installation instructions.	Verified By:

Back Next

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Department of Community Affairs
Florida Building Code Online
Codes and Standards
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

Product Approval Accepts:

FLORIDA DEPARTMENT OF Community Affairs

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Product Approval

USER: Public User

Product Approval Menu > Product or Application Search > Application List > **Application Detail**

FL #	FL474-R1 ✔
Application Type	Revision
Code Version	2004
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	Simpson Strong-Tie Co.
Address/Phone/Email	2221 Country Lane McKinney, TX 75070 (972) 439-3029 rshackelford@strongtie.com
Authorized Signature	Randall Shackelford rshackelford@strongtie.com
Technical Representative	Randall Shackelford
Address/Phone/Email	1720 Couch Drive McKinney, TX 75069 (800) 999-5099 rshackelford@strongtie.com
Quality Assurance Representative	Pat Woodall
Address/Phone/Email	1720 Couch Drive McKinney, TX 75069 (800) 999-5099 pwoodall@strongtie.com
Category	Structural Components
Subcategory	Wood Connectors
Compliance Method	Evaluation Report from a Product E

Evaluation Entity	National Evaluation Service, Inc.
Quality Assurance Entity	PSI/Pittsburgh Testing Laboratory
Validated By	Jeffrey P. Arneson, P.E.
Certificate of Independence	
Referenced Standard and Year (of Standard)	**Standard**
	AFandPA National Design Specificatio AISI NASPEC ASTM D1761
Equivalence of Product Standards Certified By	
Sections from the Code	17105.1.1, 2314.4.4 2209.1, 2214.3 2306.1, 2314.4.7
Product Approval Method	Method 1 Option C
Date Submitted	08/05/2005
Date Validated	02/10/2006
Date Pending FBC Approval	10/01/2005
Date Approved	02/10/2006

Summary of Products

Go to Page

FL #	Model, Number or Name	Description
474.41	CB88	Column Base
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Limitations per attached evaluation report. OK for HVHZ.		**Installation Instruction** Verified By: **Evaluation Reports**

474.42	CBA66	Adjustable Column Base
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Limitations per attached evaluation report. OK for HVHZ.		**Installation Instruction** Verified By: **Evaluation Reports**
474.43	CBS44	Column Base
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Limitations per attached evaluation report. OK for HVHZ.		**Installation Instruction** Verified By: **Evaluation Reports**
474.44	CBS46	Column Base
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Limitations per attached evaluation report. OK for HVHZ.		**Installation Instruction** Verified By: **Evaluation Reports**
474.45	CBS66	Column Base
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Limitations per attached evaluation report. OK for HVHZ.		**Installation Instruction** Verified By: **Evaluation Reports**
474.46	CPAI32	Purlin Anchors
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Limitations per attached evaluation report. OK for HVHZ.		**Installation Instruction** Verified By: **Evaluation Reports**
474.47	CWB106	Wall Bracing
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Limitations per attached evaluation		**Installation Instruction** Verified By: **Evaluation Reports**

report. OK for HVHZ.		
474.48	CWB126	Wall Bracing
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Limitations per attached evaluation report. OK for HVHZ.		**Installation Instruction** Verified By: **Evaluation Reports**
474.49	DBT1	Deck Board Tie
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Limitations per attached evaluation report. OK for HVHZ.		**Installation Instruction** Verified By: **Evaluation Reports**
474.50	DJT14	Deck Girder Tie
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Limitations per attached evaluation report. OK for HVHZ.		**Installation Instruction** Verified By: **Evaluation Reports**
474.51	DPT5	Deck Post Tie
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Limitations per attached evaluation report. OK for HVHZ.		**Installation Instruction** Verified By: **Evaluation Reports**
474.52	DPT6	Deck Post Tie
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Limitations per attached evaluation report. OK for HVHZ.		**Installation Instruction** Verified By: **Evaluation Reports**
474.53	DPT7	Deck Post Tie
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:**		**Installation Instruction** Verified By: **Evaluation Reports**

Design Pressure: +/- **Other:** Limitations per attached evaluation report. OK for HVHZ.		
474.54	DRT8	Deck Rail Tie
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Limitations per attached evaluation report. OK for HVHZ.		**Installation Instruction** Verified By: **Evaluation Reports**
474.55	EPB44	Elevated Post Base
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Limitations per attached evaluation report. OK for HVHZ.		**Installation Instruction** Verified By: **Evaluation Reports**
474.56	EPB44A	Elevated Post Base
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Limitations per attached evaluation report. OK for HVHZ.		**Installation Instruction** Verified By: **Evaluation Reports**
474.57	EPB44T	Elevated Post Base
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Limitations per attached evaluation report. OK for HVHZ.		**Installation Instruction** Verified By: **Evaluation Reports**
474.58	EPB46	Elevated Post Base
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Limitations per attached evaluation report. OK for HVHZ.		**Installation Instruction** Verified By: **Evaluation Reports**
474.59	EPB66	Elevated Post Base
Limits of Use (See Other) **Approved for use in HVHZ:**		**Installation Instruction** Verified By:

Approved for use outside HVHZ: **Impact Resistant:** **Design Pressure:** +/- **Other:** Limitations per attached evaluation report. OK for HVHZ.		**Evaluation Reports**
474.60	EPC44	End Post Cap
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Limitations per attached evaluation report. OK for HVHZ.		**Installation Instruction** Verified By: **Evaluation Reports**

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Tallahassee, Florida 32399-2100
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Product Approval Accepts:

HydroSwing
Overhead Door
"The Superior Alternative"

Cottonwood Welding and Manufacturing, Inc.
400 East 4th Street North
P.O. Box 15 Cottonwood, MN 56229
(507) 423-6666 Fax (507) 423-5609

Quote Number: **18958** ***Quote Date:*** 1/18/2006

Visit our Website at www.hydroswing.com or e-mail us at sales@hydroswing.com

Mark Wiencek
443 SW Airpark Glen
Lake City, FL 32025

7/12/2006

Dear Mark,

Thank you for your interest in our HydroSwing Overhead Doors. We have enclosed a Quotation and a Measurement Spec Sheet; the dimensions shown are for quoting purposes only. Please provide us with the measurement from inside to inside the vertical column's rough opening for width and the finished floor to bottom cord of the rafter or header if your structure is wood. If you have a steel building, the measurement will be from inside to inside your vertical columns for width and finished floor to the bottom of the stub column or header for height.

Please remember that if you choose to mount the door inside the opening and flush with the building wall, your rough opening needs to be 5" more than your desired clear opening.

New Construction Example: For a 40' by 12' clear opening after the door is installed, you must prepare your rough opening to 40' 5" by 12' 5".

Existing Construction Example: Your rough opening is 40' by 12'. After you install your HydroSwing Door, you have a clear, useable opening of 39' 7" by 11' 7".

If you choose to mount your door outside the opening, you will lose 0" of width and 0" of height.

Occasionally circumstances will arise that are not covered here. Please give us a call and we will help you with your particular situation.

For your door to be fabricated, we will need a signed Purchase Agreement and Measurement Spec Sheet showing the exact size of the rough opening. These are necessary to be sure the door fits properly. Production lead times begin with receipt of down payment.

If you have any questions or require any additional information, do not hesitate to call.

Sincerely,

Adam Laleman

HydroSwing
Overhead Door

"The Superior Alternative"

Cottonwood Welding and Manufacturing, Inc.
400 East 4th Street North P.O. Box 15 Cottonwood, MN 56229
(507) 423-6666 Fax (507) 423-5609

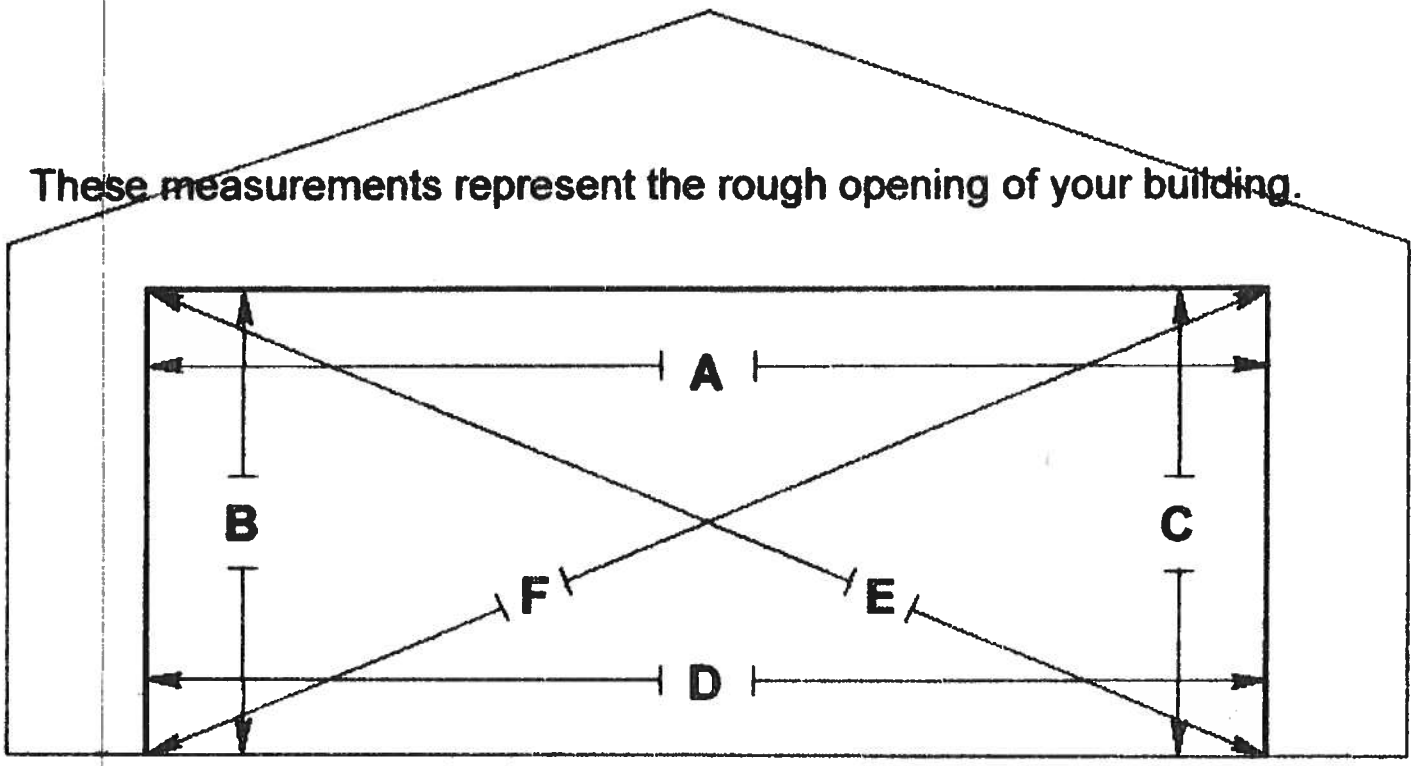
Measurement Spec Sheet

Quote Number: **18958** ***Quote Date:*** 1/18/2006

Visit our Website at www.hydroswing.com or e-mail us at sales@hydroswing.com

Mark Wiencek
443 SW Airpark Glen
Lake City FL 32025

These measurements represent the rough opening of your building.



All measurements must be inside measurements.

Cement floor must be level.

A 42'5" B 14' C 14' D 42'5" E _____ F _____

The numbers above are true and correct according to our measurements.

Date Due_____

Signature_____ **Date Ordered** _____

14' x 42' HydroSwing Overhead Door Reactions Summary:

rev 10-6-2005 jbw (TO 200 M

Florida Building Code 2004

By: James B. Whittum, P.E., #27689
8533 Acorn Ridge Court
Tampa, FL 33625
813-926-9719

Customer: Mark Wiencek
Project Location: Lake City, FL

W.O. # 18958
Door Size:
Height 14 *ft.*
Width 42 *ft.*

Additional materials uniform weight 0.0 *psf*
Number of equally spaced cane bolts 2
Design wind speed (90 thru 150) 120 *mph* (3 sec. Gus
Building code: FBC 2004 Exposure C
Number of equally spaced horizontal bms 2

Gravity Loads (Dead Load):

Closed Door Top Hinge Vertical Reactions:

				Maximum Allowable	
Number of hinges along top of door		8			
Door frame self weight with metal panel	Refer to note 1 below	3.06 *kips*			
Interior hinges		0.44 *kips*	(6) total	26.5kips	*OK*
Corner hinges		0.22 *kips*	(2) total	26.5kips	*OK*

Open Door Top Hinge Vertical Reactions:

Interior hinges	0.21 *kips*	(6) total	26.5kips	*OK*
Corner hinges	-0.36 *kips*	(2) total	26.5kips	*OK*

Horizontal and Vertical Reactions at Hydraulic Cylinder Pinpoint attached to Jamb, and Corner Top Hinge Horizontal and Vertical Reactions

Distance from top of door to door pinpoint, b =	8.83 *ft.*
Distance from top of door to jamb pinpoint, h =	2.83 *ft.*
Maximum hydraulic cylinder force	4.14 *kips*
Maximum hydraulic line pressure	585 *psi < 2,000 psi (ok)*
Open door vertical dead load reaction at pinpoint, P =	1.26 *kips*

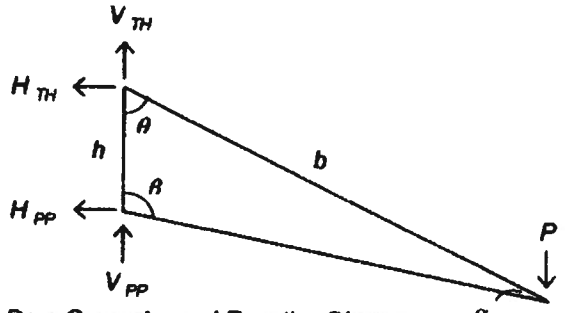
Note 2)

Door Position	*Interior Angles*		*Door Vertical*	*Pinpoint Reactions*		*Top Hinge Reactions*	
θ *(degrees)*	α *(degrees)*	β *(degrees)*	*Reaction P (kips)*	H_{PP} *(kips)*	V_{PP} *(kips)*	H_{TH} *(kips)*	V_{TH} *(kips)*
90 (open)	17.77	72.23	1.26	-3.94	1.26	3.94	-0.36
80	17.50	82.50	1.24	-3.82	0.57	3.82	0.67
70	16.70	93.30	1.19	-3.48	-0.08	3.48	1.27
60	15.39	104.61	1.09	-2.96	-0.61	2.96	1.71
50	13.61	116.39	0.97	-2.31	-0.97	2.31	1.94
45	12.57	122.43	0.89	-1.97	-1.08	1.97	1.97
40	11.42	128.58	0.81	-1.63	-1.13	1.63	1.94
30	8.89	141.11	0.63	-0.99	-1.07	0.99	1.71
20	6.08	153.92	0.43	-0.46	-0.83	0.46	1.27
10	3.09	166.91	0.22	-0.12	-0.45	0.12	0.67
0 (closed)	0.00	180.00	0.00	0.00	0.00	0.00	0.22

Notes:

1) The door selfweight shown includes the weight of the steel frame and an exterior metal panel, and does not include weight associated with other exterior or interior cladding materials or insulation. (unless specified above as additional materials uniform weight)

2) The reactions given in the table are totals for the whole door.



Door Geometry and Reaction Diagram

14' x 42' HydroSwing Overhead Door Reactions Summary:

Lateral Loads (Wind Load): 18958

Design Wind Speed: 120 *mph*
Building Code: Florida 2004
Corresponding components & cladding wind pressure
Positive wind pressure: 38.8 *psf*
Negative wind pressure: -51.8 *psf*

Closed Door Top Hinge, Jamb and Cane Bolt Horizontal Reactions:

Positive Wind Pressure:			Maximum Allowable Each	
Total component wind force on door	22.81 *kips*			
Interior hinges	1.67 *kips*	(6) total	26.5 kips	*OK*
Jamb reactions at corner hinges	-0.73 *kips*	(2) total	-26.5 kips	*OK*
Jamb reactions at each interior horizontal member	1.33 *kips*	(2) total	2.0 kips	*OK*
Jamb reactions at bottom of door with (2) cane bolts	negligible *kips*	(2) total	6.7 kips	*OK*
Cane bolt reaction(s)	4.40 *kips*	(2) total	6 kips	*OK*

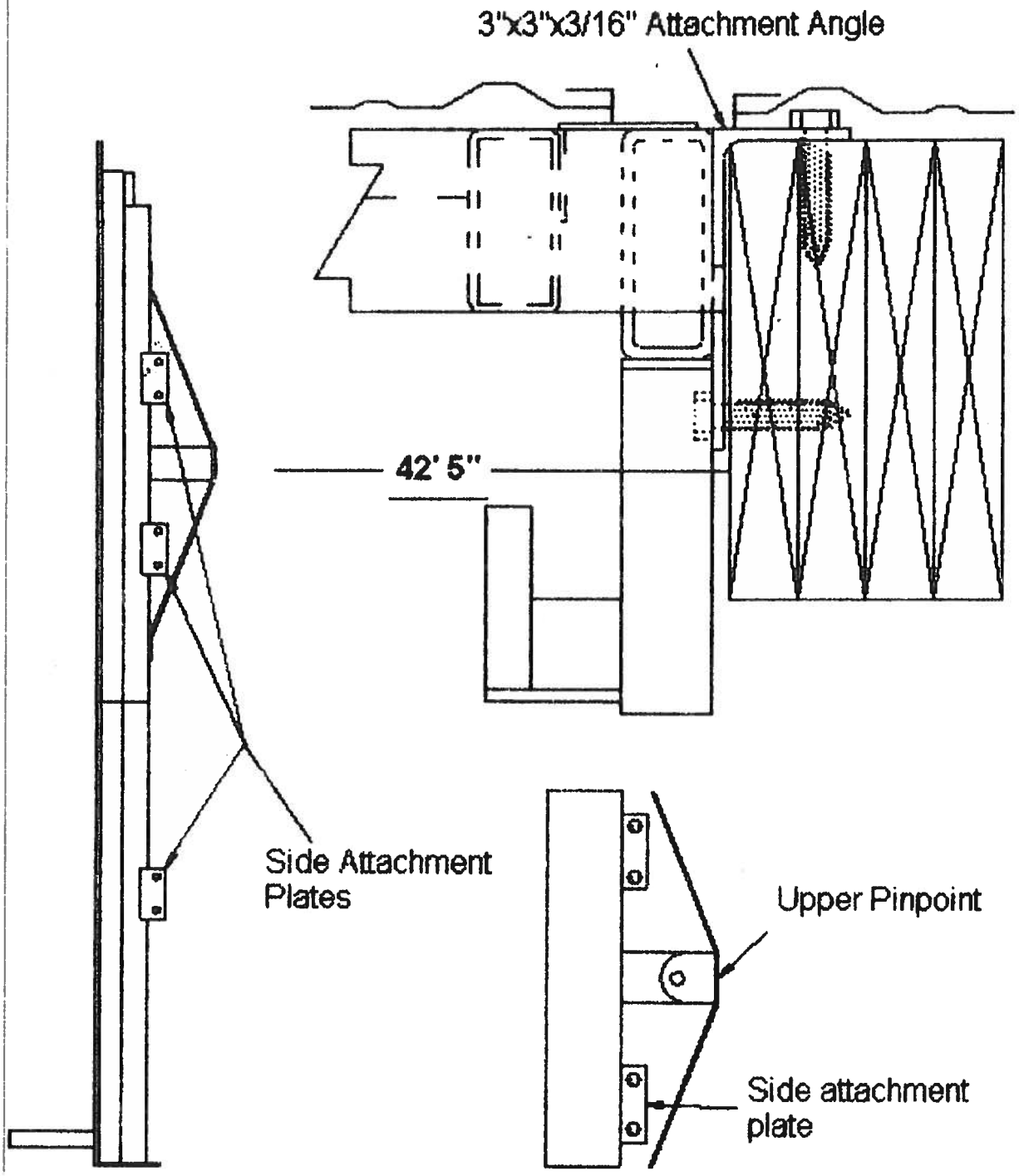
Negative (Suction) Wind Pressure:			Maximum Allowable Each	
Total component wind force on door	-30.46 *kips*			
Interior hinges	-2.23 *kips*	(6) total	-26.5 kips	*OK*
Jamb reactions at corner hinges	0.97 *kips*	(2) total	26.5 kips	*OK*
Jamb reactions at bottom of door with (2) cane bolts	negligible *kips*	(2) total	-26.5 kips	*OK*
Cane bolt reaction(s)	-5.38 *kips*	(2) total	-6 kips	*OK*

Notes:

3) The above wind reactions are for an enclosed, Type II building as defined by the Florida Building Code.
4) Plus and minus signs signify pressures acting toward and away from the internal surfaces, respectively.
5) **Maximum deflection allowance 1 1/2" at center of opening.**

Hydroswing

Manufactured by **Cottonwood Welding & Manufacturing, Inc.**
400 East 4th Street North • P.O. Box 15 • Cottonwood, MN 56229 • (507) 423-6666 • Fax (507) 423-5609



HydroSwing
Overhead Door
"The Superior Alternative"

Cottonwood Welding and Manufacturing, Inc.
400 East 4th Street North P.O. Box 15 Cottonwood, MN 56229
(507) 423-6666 Fax (507) 423-5609

Mark Wiencek
443 SW Airpark Glen
Lake City, FL 32025

Transmittal Print

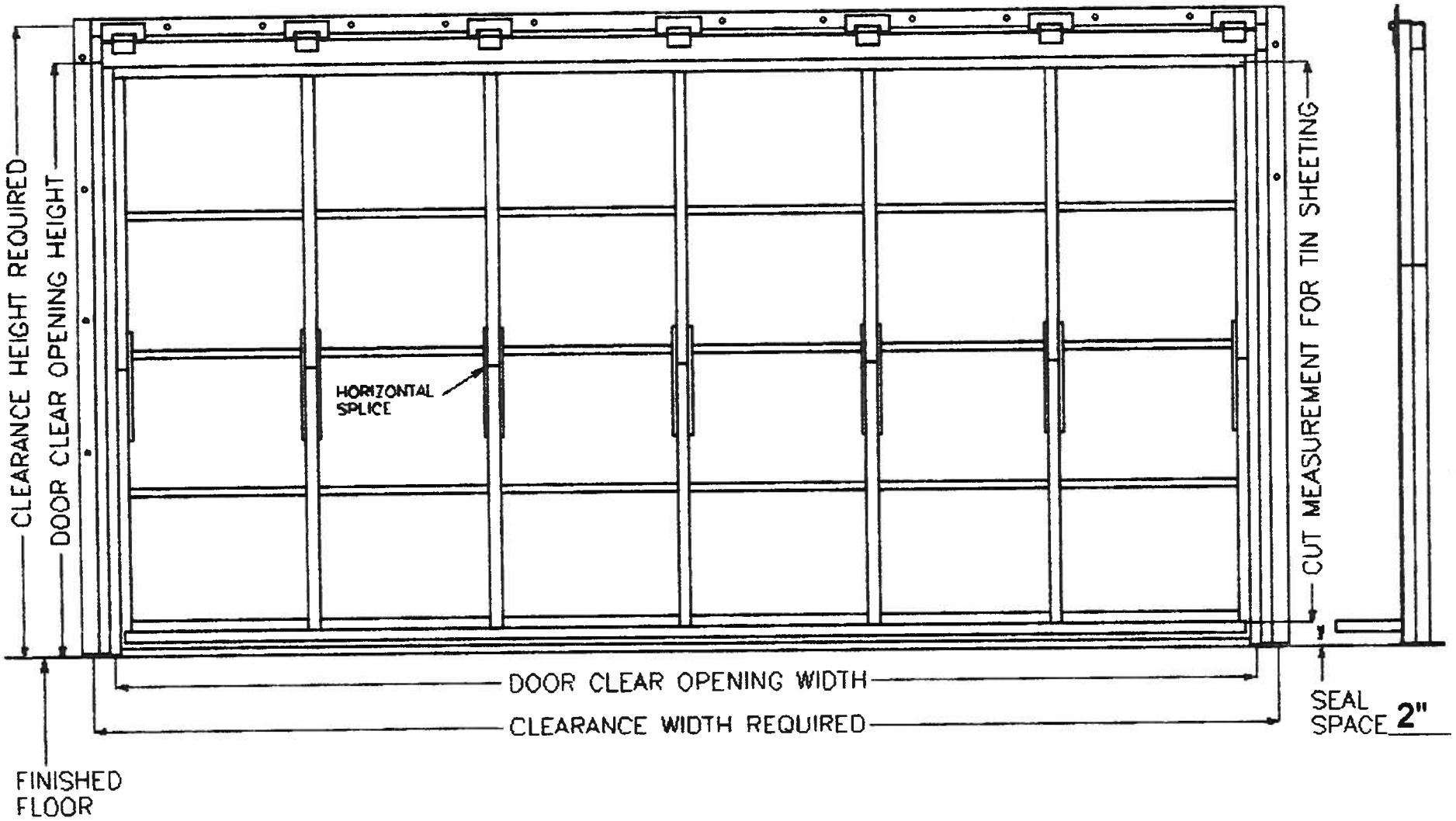
Quote Number: **18958** ***Quote Date:*** 1/18/2006

Visit our Website at www.hydroswing.com or e-mail us at sales@hydroswing.com

Door Clear Opening: 42 Feet 5 Inches Wide X 14 Feet 0 Inches High

Clearance Required: Width: Add 5 Inches Height: Add 5 Inches

Cut Measurement for sheeting is 4 1/2" less than the clear opening



Informational Example, Not To Scale

Product Approval
USER: Public User

FL #	FL728-R1
Application Type	Revision
Code Version	2004
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	Elk Corporation
Address/Phone/Email	4600 Stillman Blvd. Tuscaloosa, AL 35401 (205) 342-0298 daniel.dejarnette@elkcorp.com
Authorized Signature	Daniel DeJarnette daniel.dejarnette@elkcorp.com
Technical Representative	Daniel DeJarnette
Address/Phone/Email	4600 Stillman Blvd Tuscaloosa, AL 35401 (205) 342-0298 daniel.dejarnette@elkcorp.com
Quality Assurance Representative	Daniel DeJarnette
Address/Phone/Email	4600 Stillman Blvd Tuscaloosa, AL 35401 (205) 342-0298 daniel.dejarnette@elkcorp.com
Category	Roofing
Subcategory	Asphalt Shingles
Compliance Method	Certification Mark or Listing

Certification Agency	Miami-Dade BCCO - CER
Referenced Standard and Year (of Standard)	**Standard** ASTM D3462 TAS 107 TAS100
Equivalence of Product Standards Certified By	
Sections from the Code	1523.6.5.1 1523.6.5.1 1523.6.5.1
Product Approval Method	Method 1 Option A
Date Submitted	06/01/2005
Date Validated	06/13/2005
Date Pending FBC Approval	06/14/2005
Date Approved	06/29/2005

Summary of Products

FL #	Model, Number or Name	Description
728.1	Capstone	Laminated Asphalt Shingl
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Mean roof height should not exceed 33 ft.		**Certification Agency Ce** **Installation Instruction** PTID_728_R1_I_Capston PTID_728_R1_I_Capston PTID_728_R1_I_Prestiqu NOA.pdf PTID_728_R1_I_Prestiqu NOA.pdf PTID_728_R1_I_Seal-A-I NOA.pdf PTID_728_R1_I_Starter NOA.pdf PTID_728_R1_I_Tuscalo Verified By:
728.2	Prestique I	Laminated Asphalt Shingl
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:**		**Certification Agency Ce** **Installation Instruction** Verified By:

Impact Resistant: **Design Pressure:** +/- **Other:** Mean roof height should not exceed 33 ft.		
728.3	Prestique Plus / Gallery Colle	Laminated Asphalt Shingl
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Mean roof height should not exceed 33 ft.		**Certification Agency Ce** **Installation Instruction** Verified By:
728.4	Seal-A-Ridge "SAR"	Accessory - Ridge Shingle
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Mean roof height should not exceed 33 ft.		**Certification Agency Ce** **Installation Instruction** Verified By:
728.5	Starter Strip	Accessory - Starter Cours
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Mean roof height should not exceed 33 ft.		**Certification Agency Ce** **Installation Instruction** Verified By:

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Product Approval Accepts:

COLUMBIA COUNTY BUILDING DEPARTMENT

Revised 10-01-05

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004 WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 BY PROVIDING 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 SPEED AS PER FIGURE 1609 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ------- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE -------110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: Two (2) complete sets of plans containing the following:

Applicant	Plans Examiner	
☒	☐	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☒	☐	Designers name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed.
☒	☐	**Site Plan including:** a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☐	☐	**Wind-load Engineering Summary, calculations and any details required** Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, Iw, and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures in terms of psf (kN/m²) to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional.
		Elevations including:
☒	☐	a) All sides
☒	☐	b) Roof pitch
☒	☐	c) Overhang dimensions and detail with attic ventilation

☐ ☐ d) Location, size and height above roof of chimneys.
☐ ☐ e) Location and size of skylights
☒ ☐ f) Building height
☒ ☐ e) Number of stories

Floor Plan including:

☐ ☐ a) Rooms labeled and dimensioned.
☒ ☐ b) Shear walls identified.
☐ ☐ c) Show product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 (see attach forms).
☐ ☐ d) Show safety glazing of glass, where required by code.
☐ ☐ e) Identify egress windows in bedrooms, and size.
☐ ☐ f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, (Please circle applicable type).
☐ ☐ g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.
☐ ☐ h) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

☒ ☐ a) Location of all load-bearing wall with required footings indicated as standard or monolithic and dimensions and reinforcing.
☐ ☐ b) All posts and/or column footing including size and reinforcing
☐ ☐ c) Any special support required by soil analysis such as piling
☐ ☐ d) Location of any vertical steel.

Roof System:

☐ ☐ a) Truss package including:
1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
2. Roof assembly (FBC 106.1.1.2)Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

☐ ☐ b) Conventional Framing Layout including:
1. Rafter size, species and spacing
2. Attachment to wall and uplift
3. Ridge beam sized and valley framing and support details
4. Roof assembly (FBC 106.1.1.2)Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

☐ ☐ a) Masonry wall
1. All materials making up wall
2. Block size and mortar type with size and spacing of reinforcement
3. Lintel, tie-beam sizes and reinforcement
4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation shall be designed by a Windload engineer using the engineered roof truss plans.
6. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
7. Fire resistant construction (if required)
8. Fireproofing requirements
9. Shoe type of termite treatment (termiticide or alternative method)
10. Slab on grade
    a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
    b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
11. Indicate where pressure treated wood will be placed
12. Provide insulation R value for the following:

a. Attic space
b. Exterior wall cavity
c. Crawl space (if applicable)

☐ ☐ b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers) shall be designed by a Windload engineer using the engineered roof truss plans.
7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termiticide or alternative method)
11. Slab on grade
    a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
    b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
    a. Attic space
    b. Exterior wall cavity
    c. Crawl space (if applicable)

☐ ☐ c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

☐ ☐ a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer

☐ ☐ b) Floor joist size and spacing

☐ ☐ c) Girder size and spacing

☐ ☐ d) Attachment of joist to girder

☐ ☐ e) Wind load requirements where applicable

☐ ☐ **Plumbing Fixture layout**

Electrical layout including:

☐ ☐ a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified

☐ ☐ b) Ceiling fans

☐ ☐ c) Smoke detectors

☐ ☐ d) Service panel and sub-panel size and location(s)

☐ ☐ e) Meter location with type of service entrance (overhead or underground)

☐ ☐ f) Appliances and HVAC equipment

☐ ☐ g) Arc Fault Circuits (AFCI) in bedrooms

☐ ☐ h) Exhaust fans in bathroom

HVAC information

☐ ☐ a) Energy Calculations (dimensions shall match plans)

☐ ☐ b) Manual J sizing equipment or equivalent computation

☐ ☐ c)Gas System Type (LP or Natural) Location and BTU demand of equipment

☐ ☐ **Disclosure Statement for Owner Builders**

☐ ☐ ***Notice Of Commencement Required Before Any Inspections Will Be Done**

☐ ☐ **Private Potable Water**

a) Size of pump motor
b) Size of pressure tank
c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential projects.

2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.

3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued. (386) 758-1058 **(Toilet facilities shall be provided for construction workers)**

4. **City Approval:** **If the project is to be located within the city limits of the Town of Fort White,** prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. **(386) 497-2321**

5. **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 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 8.8 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 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**
   A development permit will also be required. Development permit cost is **$50.00**

6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit **($25.00)** must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver **($50.00)**. All culvert waivers are sent to the Columbia County Public Works Department for approval or denial. **If the project is to be located on a F.D.O.T. maintained road, than an F.D.O.T. access permit is required.**

7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 752-8787

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS –PLEASE DO NOT ASK

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 @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG			
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			

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 manufacturers installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

APPLICANT SIGNATURE

DATE

R-1305 01-04

Columbia County 9-1-1 Addressing / GIS Department
P.O. Box 1787, Lake City, FL 32056
Telephone: (386) 758-1125 * Fax: (386) 758-1365 * E-mail: ron_croft@columbiacountyfla.com

9-1-1 Address Request Form

NOTE: ADDRESS ASSIGNMENT MAY REQUIRE UP TO 10 WORKING DAYS. IF THE ADDRESSING DEPARTMENT NEEDS TO CONDUCT ON SITE GPS LOCATION IDENTIFICATION, ADDITIONAL TIME MAY BE REQUIRED.

Date of Request: _____

Requester Last Name: _____

First Name: _____

Contact Telephone Number: _____

(Cell Phone Number if Provided): _____

Requested for Self: _____ or Requested for Company: _____
(check one)
If Address is Requested by a Company, Provide Name of Requesting Company:

_____

Parcel Identification Number: ____ - ____ - ____ _____ - _____

If in Subdivision, Provide Name Of Subdivision:

_____

Phase or Unit Number (if any): _____ Block Number (if any): _____

Lot Number: _____

Attach Site Plan or you may use back of Request Form for Site Plan:

Requirements for Site Plan Are Listed on Back of Request From:
(NOTE: Site Plan Does NOT have to be a survey or to scale; FURTHER a Environmental Health Dept. Site Plan showing only a 210 by 210 cutout of a property will NOT suffice for Addressing Requirements.)

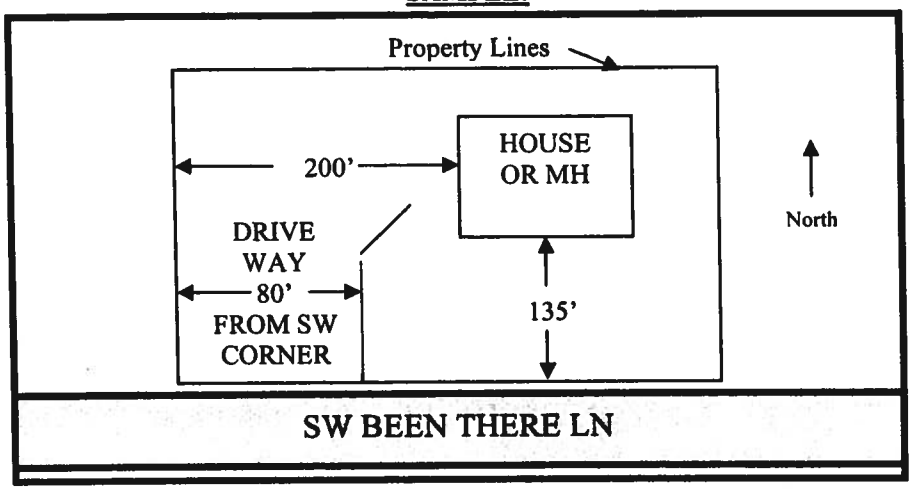
Addressing / GIS Department Use Only:

Date Received: _____ Date Assigned: _____

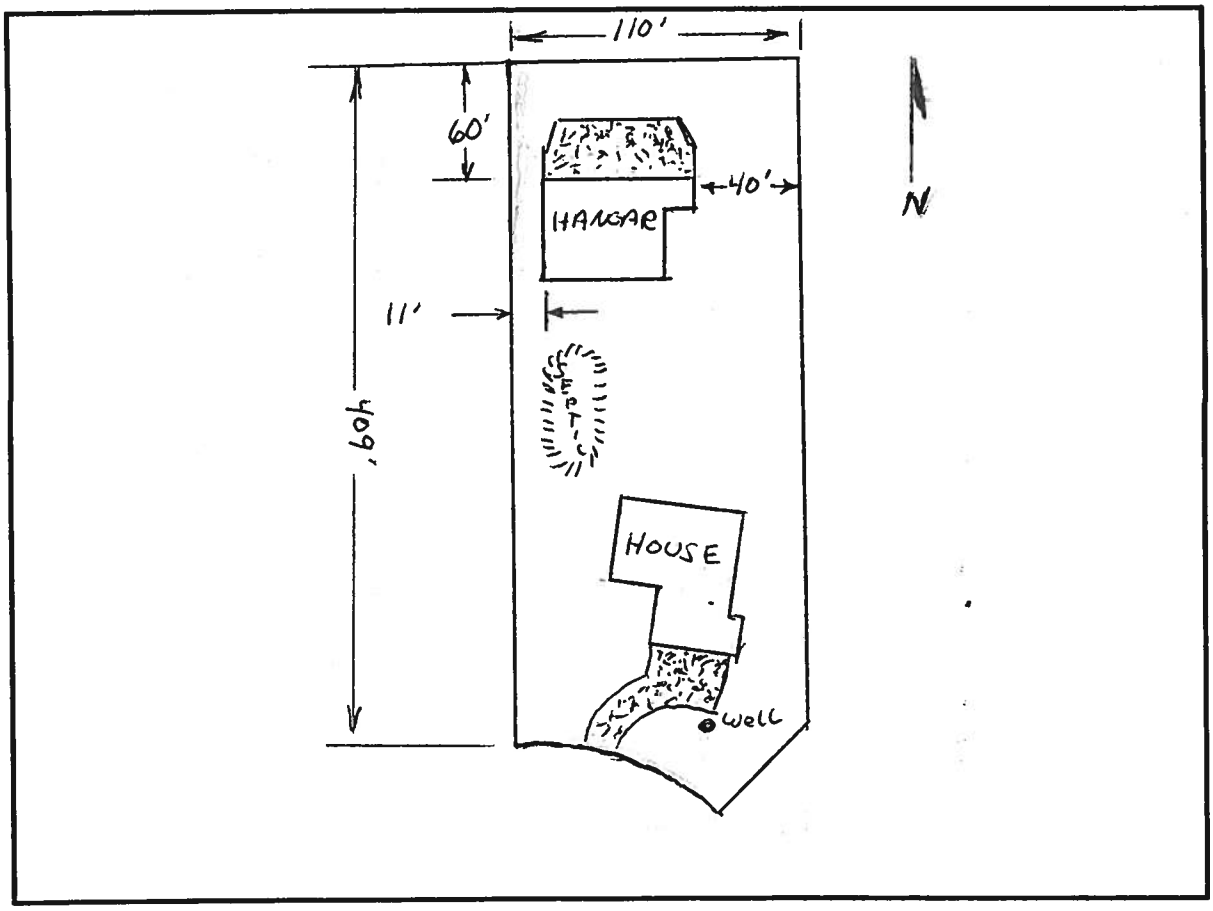
ID Number: _____

1. A PLAT, PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
2. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM AT LEAST TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
3. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
4. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:



SITE PLAN BOX:



Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 536 SE Baya Dr
City Lake City Phone 752-1703

Site Location: Subdivision Cannon Creek Airpark
Lot # ______ Block# ______ Permit # 25036
Address 443 SW Air Park Gln, Lake City

Product used	**Active Ingredient**	**% Concentration**
☑ Premise	Imidacloprid	0.1%
☐ Termidor	Fipronil	0.12%
☐ Bora-Care	Disodium Octaborate Tetrahydrate	23.0%

Type treatment: ☐ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
Hangar	2678	232	180

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line ________.

11/13/06 8:30 Neil
Date Time Print Technician's Name

Remarks: ____________________________________

Applicator - White Permit File - Canary Permit Holder - Pink

10/05 ©

UNIVERSAL
ENGINEERING SCIENCES
Consultants In: Geotechnical Engineering • Environmental Sciences • Construction Materials Testing
4475 S.W. 35th Terrace • Gainesville, Florida 32608 • (352) 372-3392

#25036

REPORT ON IN-PLACE DENSITY TESTS

CLIENT: Mark Wiencek 443 S.W. Airport Glen lake city, Fl. 32025

PROJECT: Wiencek Res.
443 S.W. Airport Glen lake city, Fl. 32025 Columbia County

AREA TESTED: Fill & prop. bldg. pad., & Found.

COURSE: Fill DEPTH OF TEST: 0-1'

TYPE OF TEST: ASTM D-2922 DATE TESTED: 11-9-06

NOTE: The below tests (DO) ~~DO NOT~~ meet the minimum 95 % compaction requirements of maximum density.

REMARKS:

LOCATION OF TESTS	DRY DEN.	MAX. DEN.	% MAX. DEN.	% MOIST.	OPT. MOIST.
		109.0			11.5
App. cntr. of S. Int. Found	106.1		97.3	7.6	
App. cntr. of pad.	106.5		97.7	8.0	
App. cntr. of N. Ext. Found	104.9		96.2	7.3	

4404

TECH. I.G.

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 12-4S-16-02947-018 **Building permit No.** 000025036

Use Classification HANGER **Fire:** 0.00

Permit Holder MARK WIENCEK **Waste:**

Owner of Building MARK & SUE WIENCEK **Total:** 0.00

Location: 443 SW AIRPARK GLEN(CANNON CREEK AIRPARK, LOT 18)

Date: 03/05/2007

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
 Document ID:1T08487-Z0101153928

Truss Fabricator:	Anderson Truss Company
Job Identification:	6-315--Fill in later Mark Wiencek -- , **
Truss Count:	7
Model Code:	Florida Building Code 2004
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Versions 7.24, 7.31.
Structural Engineer of Record:	The identity of the structural EOR did not exist as of
Address:	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads:	Roof - 40.0 PSF @ 1.25 Duration
	Floor - N/A
	Wind - 110 MPH ASCE 7-02 -Closed

Notes:

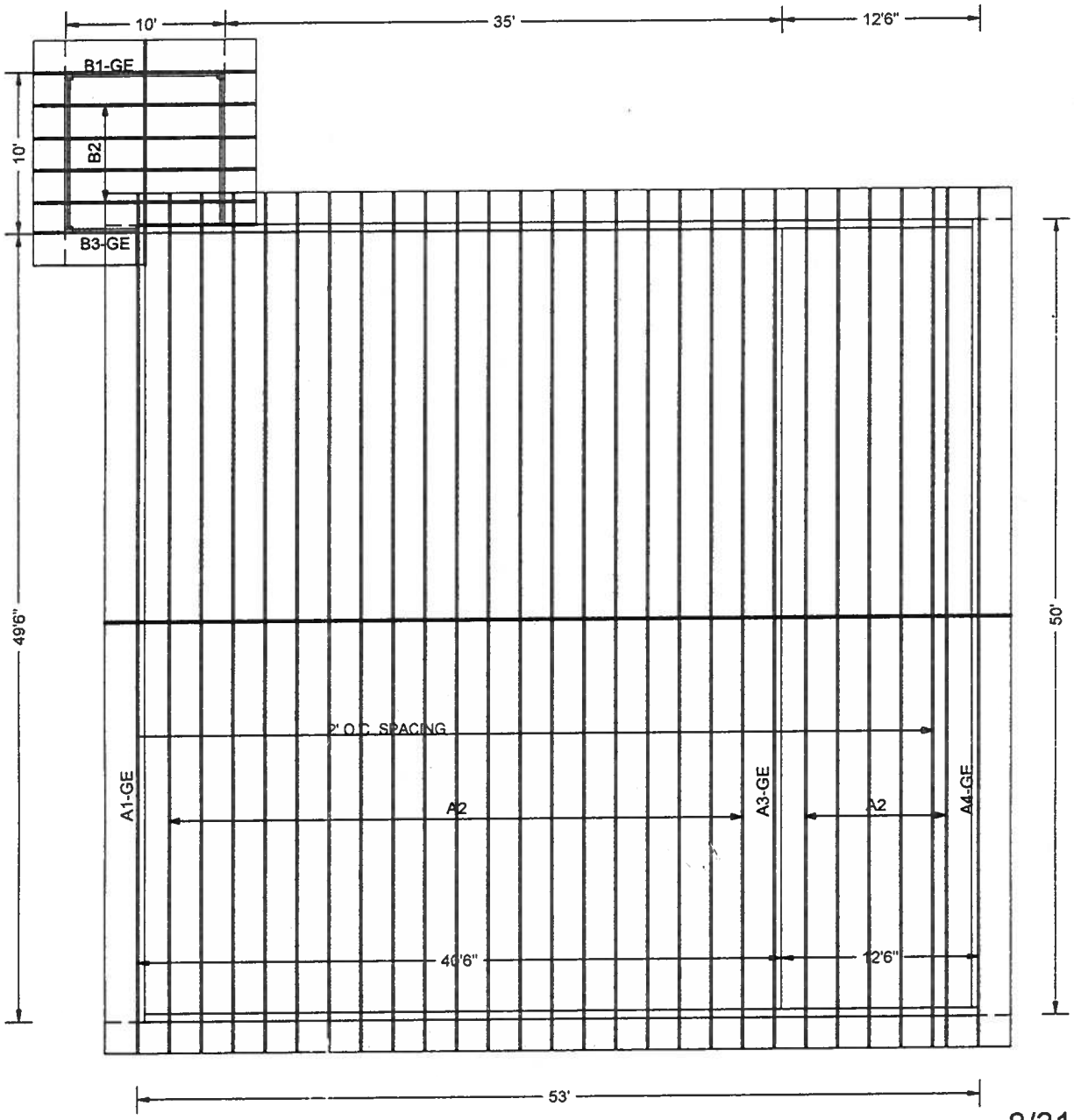
1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown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

Details: BRCLBSUB-A11030EE-GBLLETIN-A11015EE-

#	Ref	Description	Drawing#	Date
1	00949	--A2	06244001	09/01/06
2	00950	--A4-GE	06244002	09/01/06
3	00951	--A3-GE	06244003	09/01/06
4	00952	--A1-GE	06244008	09/01/06
5	00953	--B1-GE	06244006	09/01/06
6	00954	--B2	06244004	09/01/06
7	00955	--B3-GE	06244005	09/01/06

Seal Date: 09/01/2006

-Truss Design Engineer-
Arthur R. Fisher
Florida License Number: 59687
1950 Marley Drive
Haines City, FL 33844



#6-315 MARK WIENCEK

8/31/06

Scale: 3/32" = 1'

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

Wind reactions based on MWFRS pressures.

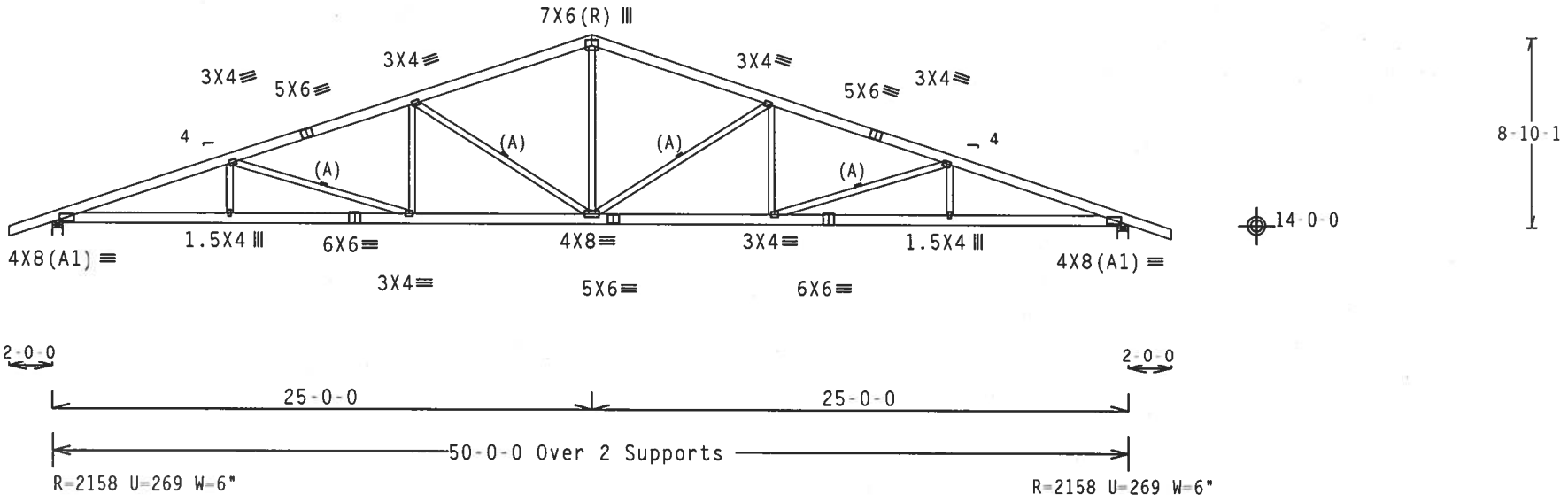
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

110 mph wind, 18.34 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.[illegible] QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
Certificate [illegible]ization #

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/S/K) ASTM A653 GRADE 40/60 (W, K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ARTHUR R. FISHER
LICENSE
No.59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Sep 01 '06

TC LL	20.0 PSF	REF R487-- 949
TC DL	10.0 PSF	DATE 09/01/06
BC DL	10.0 PSF	DRW HCUSR487 06244001
BC LL	0.0 PSF	HC-ENG DAL/AF *
TOT.LD.	40.0 PSF	SEQN- 125935
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T08487_Z01

Top chord 2x6 SP #1 Dense
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 Dense:
:Stack Chord SC2 2x4 SP #2 Dense:

Wind reactions based on MWFRS pressures.

See DWGS A11030EE0405 & GBLLETIN0405 for more requirements.

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

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

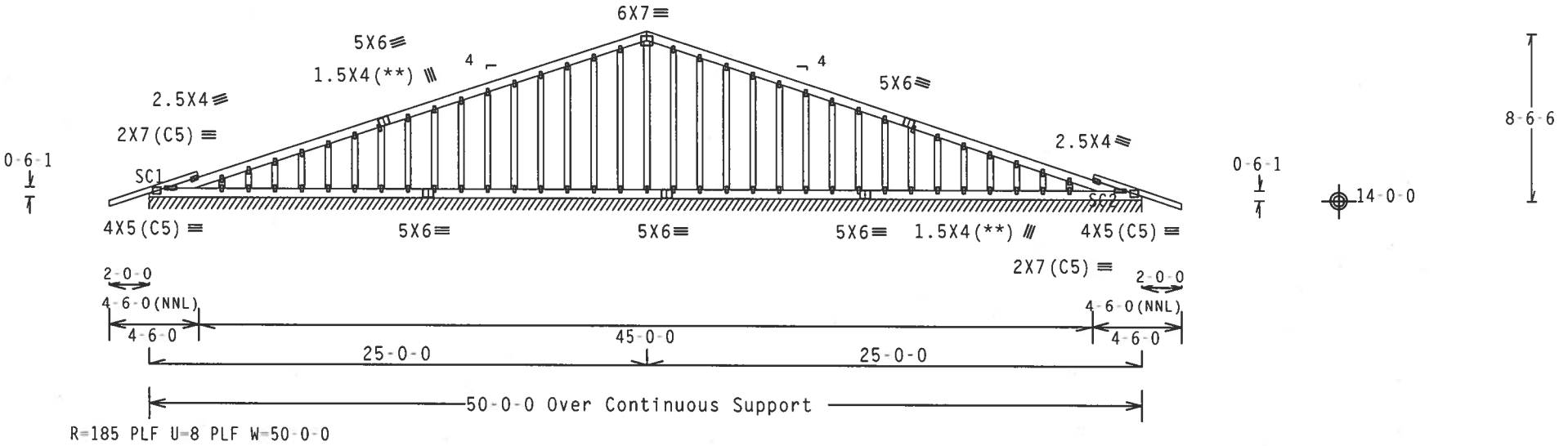
(**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 18.49 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Truss spaced at 24.0" OC designed to support 2-0-0 top chord outlookers. Cladding load shall not exceed 2.00 PSF. Top chord must not be cut or notched.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.31.0 TY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
Certificate Authorization #

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/S/K) ASTM A653 GRADE 40/60 (W, K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Sep 01 '06

TC LL	20.0 PSF	REF R487-- 950
TC DL	10.0 PSF	DATE 09/01/06
BC DL	10.0 PSF	DRW HCUSR487 06244002
BC LL	0.0 PSF	HC-ENG DAL/AF
TOT.LD.	40.0 PSF	SEQN- 9346 REV
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T08487_Z01

(6-315--Fill in later Mark Wiencek -- , ** - A3-GE)

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

Wind reactions based on MWFRS pressures.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

NOTE:THIS TRUSS IS NOT TO BE EXPOSED TO HORIZONTAL WIND LOADS. IT IS TO BE USED AS A FIREWALL TRUSS TO SUPPORT 24" O.C. TRUSS SPACING. 1 LAYER OF 1/2" GYPSUM WALL BOARD MAY BE ATTACHED TO EACH FACE PER THE APPLICABLE SECTION OF THE "FLORIDA BUILDING CODE."

WARNING:WEBS MARKED WITH AN "(A)" MUST BE LATERALLY BRACED. IF SCAB BRACING IS NOT DESIRED, THE BUILDING DESIGNER MAY OVER RIDE THE BRACING SHOWN ON THIS DRAWING AND DESIGN AN ALTERNATE BRACING SYSTEM FOR THESE WEBS.

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

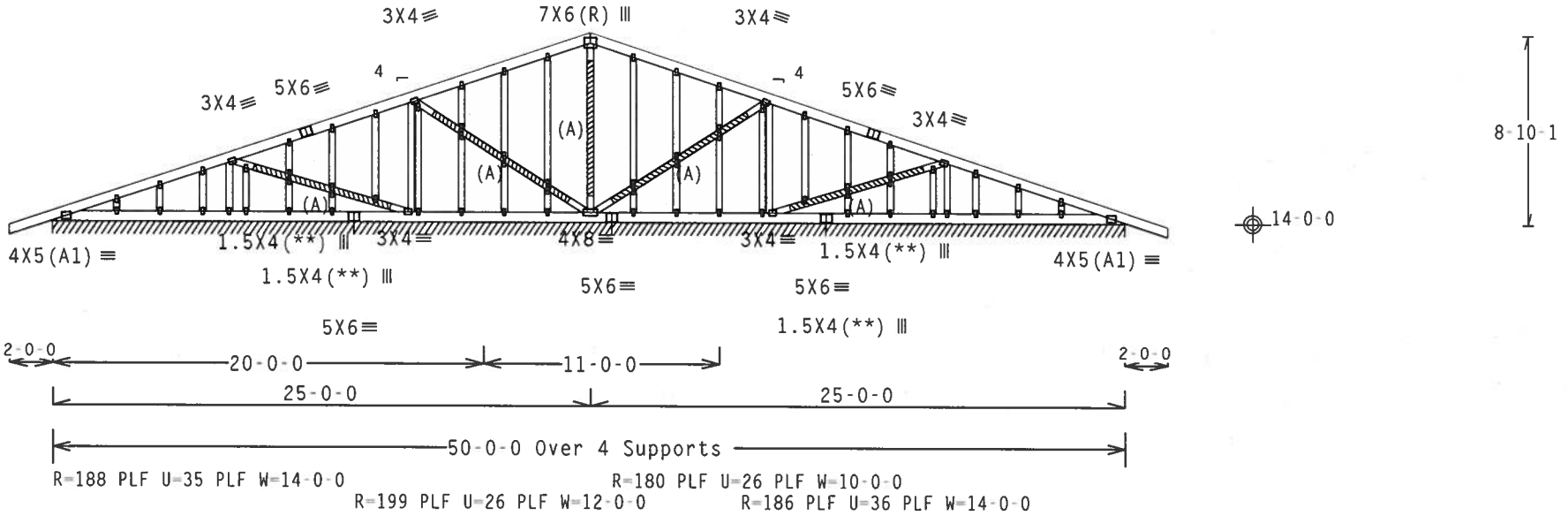
110 mph wind, 18.34 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

TC - From	122 PLF	at	-2.00	to	122 PLF	at 0.00
TC - From	127 PLF	at	0.00	to	210 PLF	at 25.00
TC - From	210 PLF	at	25.00	to	127 PLF	at 50.00
TC - From	122 PLF	at	50.00	to	122 PLF	at 52.00
BC - From	10 PLF	at	0.00	to	10 PLF	at 50.00



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
Certificate Organization #

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ARTHUR R. NSHER LICENSE No.59681 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 01,'06

TC LL	20.0 PSF	REF	R487-- 951
TC DL	10.0 PSF	DATE	09/01/06
BC DL	10.0 PSF	DRW	HCUSR487 06244003
BC LL	0.0 PSF		HC-ENG DAL/AF
TOT.LD.	40.0 PSF	SEQN-	125976
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1T08487_Z01

Top chord 2x6 SP #2 :T1, T6 2x4 SP #2 Dense:
Bot chord 2x10 SP SS
Webs 2x4 SP #3

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 61 PLF at -2.00 to 61 PLF at 52.00
BC - From 4 PLF at -2.00 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 50.00
BC - From 4 PLF at 50.00 to 4 PLF at 52.00
BC - 220 LB Conc. Load at 4.17, 45.83
BC - 440 LB Conc. Load at 10.00, 16.00, 22.00, 28.00, 34.00
40.00

Truss spaced at 24.0" OC designed to support 2-0-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

(A) Continuous lateral bracing equally spaced on member.

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

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

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

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Common_(0.148"x3.25",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

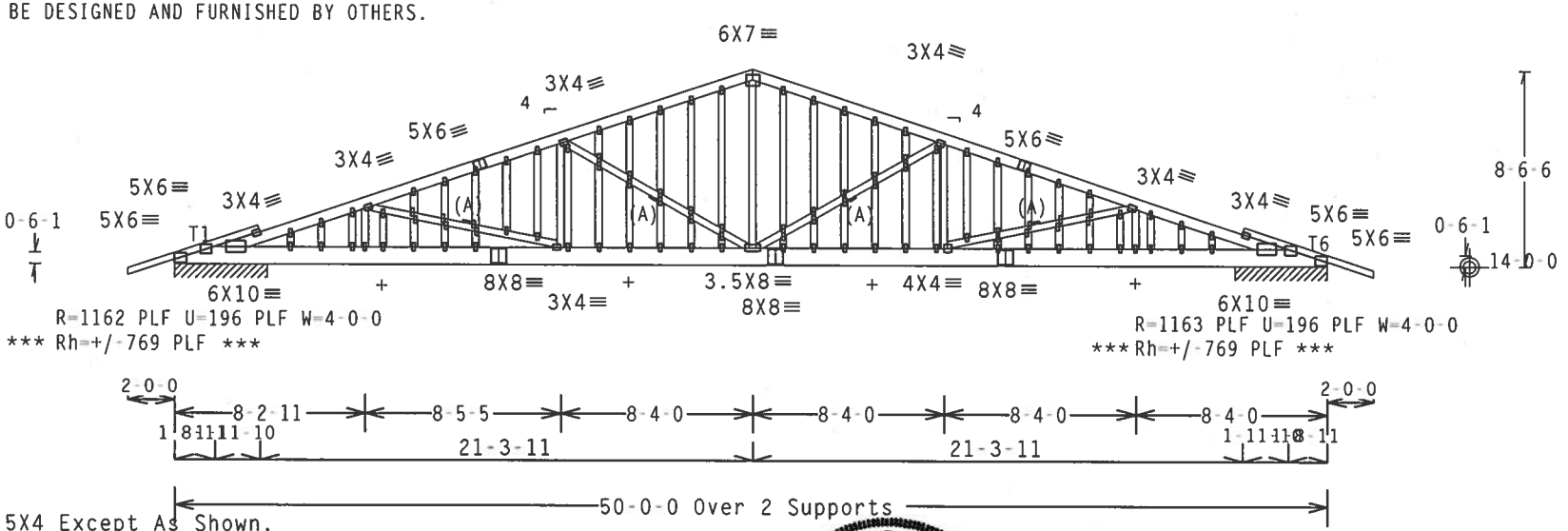
110 mph wind, 18.18 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

See DWGS A11030EE0405 & GBLLETIN0405 for more requirements.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

*** Truss transfers 100.00 PLF along top chord through truss to support(s) where indicated. Diaphragm and connections are to be designed by Engineer of Record. Horizontal and vertical loads were specified by the building designer.



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 01 '06

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
Certificate Authorization #

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TC LL	20.0 PSF	REF	R487-- 952
TC DL	10.0 PSF	DATE	09/01/06
BC DL	10.0 PSF	DRW	HCUSR487 06244008
BC LL	0.0 PSF	HC-ENG	AF/AF
TOT.LD.	40.0 PSF	SEQN-	192032 REV
DUR.FAC.	1.25		
SPACING	SEE ABOVE	JREF-	1T08487_ZOJ

(6 315 Fill in later Mark Wiencek , ** B1 GE)

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

Truss spaced at 24.0" OC designed to support 2-0-0 top chord outlookers. Cladding load shall not exceed 2.00 PSF. Top chord must not be cut or notched.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

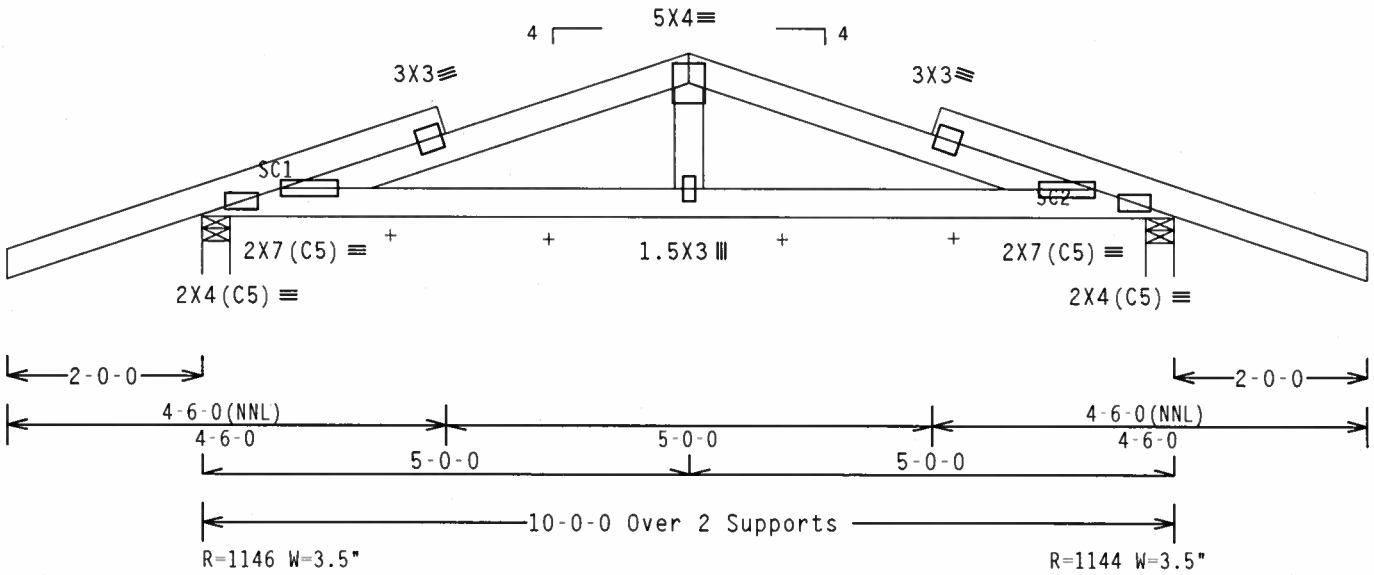
See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

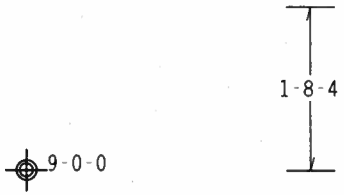
+ Member to be laterally braced for horizontal wind loads.
Bracing system to be designed and furnished by others.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.31.0 TY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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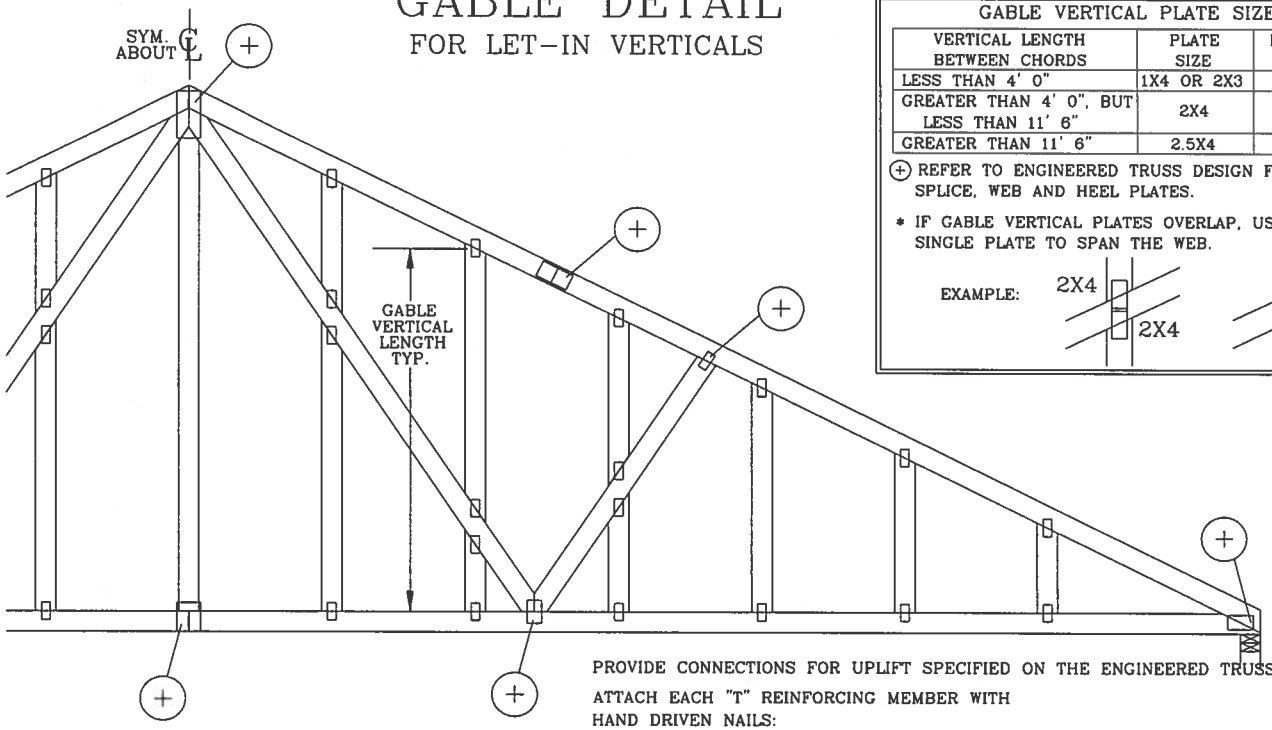
ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
artificate zation #

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 01 '06

TC LL	20.0 PSF	REF	R487-- 953
TC DL	10.0 PSF	DATE	09/01/06
BC DL	10.0 PSF	DRW	HCUSR487 06244006
BC LL	0.0 PSF		HC-ENG DAL/AF
TOT.LD.	40.0 PSF	SEQN-	9350 REV
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T08487_Z01

GABLE DETAIL
FOR LET-IN VERTICALS

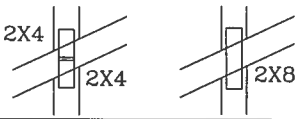


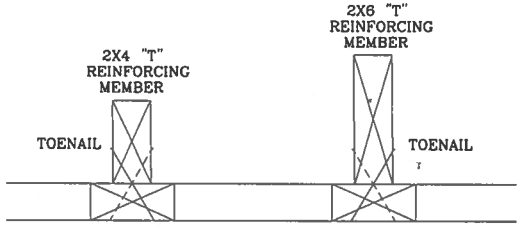
GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

⊕ REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.

* IF GABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE TO SPAN THE WEB.

EXAMPLE:





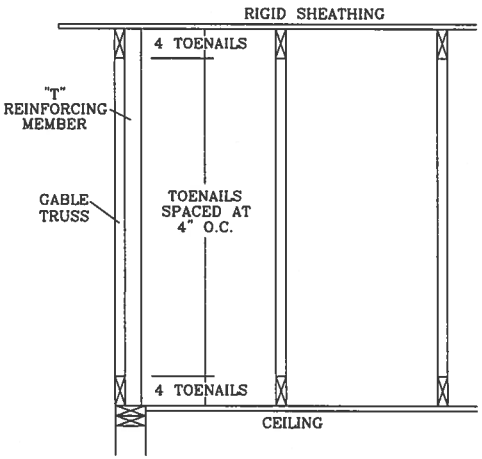
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

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

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MRH	"T" REINF. MBR. SIZE	SBCCI	ASCE
110 MPH 15 FT	2x4	10 %	10 %
	2x6	40 %	50 %
110 MPH 30 FT	2x4	10 %	10 %
	2x6	50 %	50 %
100 MPH 15 FT	2x4	10 %	10 %
	2x6	30 %	50 %
100 MPH 30 FT	2x4	10 %	10 %
	2x6	40 %	40 %
90 MPH 15 FT	2x4	20 %	10 %
	2x6	20 %	40 %
90 MPH 30 FT	2x4	10 %	10 %
	2x6	30 %	50 %
80 MPH 15 FT	2x4	10 %	20 %
	2x6	10 %	30 %
80 MPH 30 FT	2x4	20 %	10 %
	2x6	20 %	40 %
70 MPH 15 FT	2x4	0 %	20 %
	2x6	0 %	20 %
70 MPH 30 FT	2x4	10 %	20 %
	2x6	10 %	30 %

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



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH
HAND DRIVEN NAILS:
10d COMMON (0.148"X 3.",MIN) TOENAILS AT 4" O.C. PLUS
(4) 16d COMMON (0.162" X 3.5",MIN) TOENAILS IN TOP AND BOTTOM CHORD.
GUN DRIVEN NAILS:
8d COMMON (0.131"X 2.5",MIN) TOENAILS AT 4" O.C. PLUS
(4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.
ASCE 7-93 GABLE DETAIL DRAWINGS
A11015EN1103, A10015EN1103, A09015EN1103, A08015EN1103, A07015EN1103
A11030EN1103, A10030EN1103, A09030EN1103, A08030EN1103, A07030EN1103
ASCE 7-98 GABLE DETAIL DRAWINGS
A13015EC1103, A12015EC1103, A11015EC1103, A10015EC1103, A08515EC1103
A13030EC1103, A12030EC1103, A11030EC1103, A10030EC1103, A08530EC1103
ASCE 7-02 GABLE DETAIL DRAWINGS
A13015EE0405, A12015EE0405, A11015EE0405, A10015EE0405, A08515EE0405,
A13030EE0405, A12030EE0405, A11030EE0405, A10030EE0405, A08530EE0405

SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE VERTICAL LENGTH.

ARTHUR R. FISHER LICENSE No.69687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

ALPINE
ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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

REF	LET-IN VERT
DATE	04/14/05
DRWG	GBLLETIN0405
-ENG	DLJ/KAR

ASCE 7-02: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

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	3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 5"	9' 8"	12' 5"	12' 9"	14' 0"	14' 0"
		#3	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"
		STUD	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 3"	12' 3"	14' 0"	14' 0"
		STANDARD	3' 9"	5' 2"	5' 2"	6' 9"	6' 9"	9' 1"	9' 1"	10' 7"	10' 7"	14' 0"	14' 0"
	SP DFL	#1	4' 3"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
		#2	4' 2"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
		#3	4' 0"	6' 2"	6' 2"	7' 11"	8' 1"	9' 5"	9' 11"	12' 5"	12' 8"	14' 0"	14' 0"
		STUD	4' 0"	6' 1"	6' 1"	7' 11"	8' 0"	9' 5"	9' 11"	12' 5"	12' 6"	14' 0"	14' 0"
		STANDARD	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	9' 4"	10' 10"	10' 10"	14' 0"	14' 0"
16" O.C.	SPF HF	#1 / #2	4' 5"	7' 8"	7' 10"	9' 1"	9' 4"	10' 10"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 4"	6' 4"	6' 4"	8' 4"	8' 4"	10' 10"	10' 10"	12' 11"	12' 11"	14' 0"	14' 0"
	SP DFL	#1	4' 10"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	4' 9"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 6"	7' 7"	7' 7"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 6"	7' 6"	7' 6"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 5"	6' 5"	6' 5"	8' 6"	8' 6"	10' 10"	11' 1"	13' 3"	13' 3"	14' 0"	14' 0"
12" O.C.	SPF HF	#1 / #2	4' 11"	8' 5"	8' 8"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 9"	7' 3"	7' 3"	9' 7"	9' 7"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
	SP DFL	#1	5' 4"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	5' 3"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 0"	8' 5"	8' 5"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	5' 0"	8' 5"	8' 7"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"

BRACING GROUP SPECIES AND GRADES:

GROUP A:

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

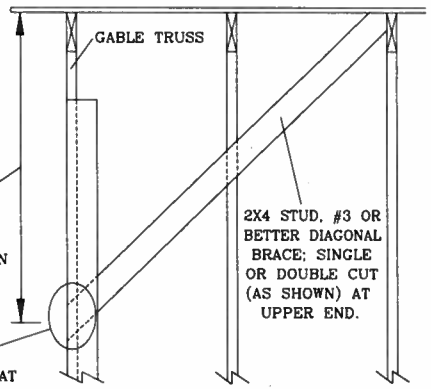
DOUGLAS FIR-LARCH	SOUTHERN PINE
#3	#3
STUD	STUD
STANDARD	STANDARD

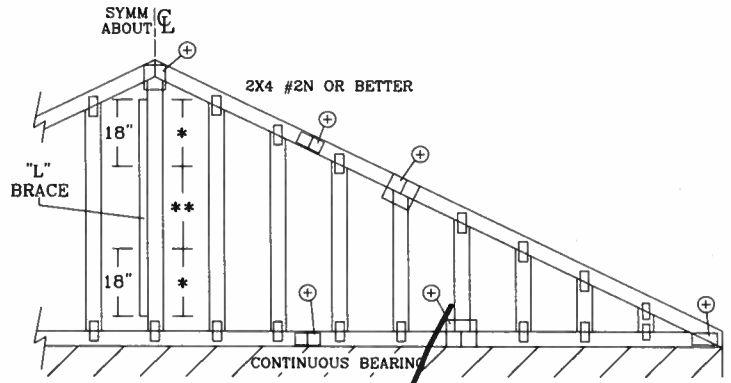
GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE	DOUGLAS FIR-LARCH
#1	#1
#2	#2

DIAGONAL BRACE OPTION: VERTICAL LENGTH MAY BE DOUBLED WHEN DIAGONAL BRACE IS USED. CONNECT DIAGONAL BRACE FOR 600# AT EACH END. MAX WEB TOTAL LENGTH IS 14'.





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

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

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

ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

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

GABLE VERTICAL PLATE SIZES

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

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

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI. 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/S/K) ASTM A653 GRADE 40/60 (W,K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

ARTHUR R. FISHER LICENSE 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sub Of

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF	ASCE7-02-GAB11015
DATE	04/15/05
DRWG	A11015EE0405
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