

DATE 04/05/2006

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000024348

APPLICANT MARILYN EDGLEY PHONE 752-0580

ADDRESS 590 SW ARLINGTON BLVD LAKE CITY FL 32024

OWNER ARTHUR HUTCHISON/ANN BORMOLINI PHONE \_\_\_\_\_

ADDRESS 359 SW BROTHERS LANE LAKE CITY FL 32024

CONTRACTOR DOUG EDGLEY PHONE 752-0580

LOCATION OF PROPERTY 90W,TL ON SISTERS WELCOME RD, TL ON BROTHERS LANE, TL ON PLANTATION TERR, 1ST ON RIGHT

TYPE DEVELOPMENT HANGER ESTIMATED COST OF CONSTRUCTION 70000.00

HEATED FLOOR AREA 1994.00 TOTAL AREA \_\_\_\_\_ HEIGHT \_\_\_\_\_ STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING RSF-2 MAX. HEIGHT 26

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

NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO. \_\_\_\_\_

PARCEL ID 12-4S-16-02941-103 SUBDIVISION SOUTHERN LANDINGS

LOT 3 BLOCK \_\_\_\_\_ PHASE \_\_\_\_\_ UNIT \_\_\_\_\_ TOTAL ACRES 0.52

RR2828113

Culvert Permit No. \_\_\_\_\_ Culvert Waiver \_\_\_\_\_ Contractor's License Number BK Applicant/Owner/Contractor JH Y

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 1376

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power \_\_\_\_\_ Foundation \_\_\_\_\_ Monolithic \_\_\_\_\_  
date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_

Under slab rough-in plumbing \_\_\_\_\_ Slab \_\_\_\_\_ Sheathing/Nailing \_\_\_\_\_  
date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_

Framing \_\_\_\_\_ Rough-in plumbing above slab and below wood floor \_\_\_\_\_  
date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_

Electrical rough-in \_\_\_\_\_ Heat & Air Duct \_\_\_\_\_ Peri. beam (Lintel) \_\_\_\_\_  
date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_

Permanent power \_\_\_\_\_ C.O. Final \_\_\_\_\_ Culvert \_\_\_\_\_  
date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_

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

Reconnection \_\_\_\_\_ Pump pole \_\_\_\_\_ Utility Pole \_\_\_\_\_  
date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_ date/app. by \_\_\_\_\_

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

BUILDING PERMIT FEE \$ 350.00 CERTIFICATION FEE \$ 0.00 SURCHARGE FEE \$ 0.00

MISC. FEES \$ 0.00 ZONING CERT. FEE \$ \_\_\_\_\_ FIRE FEE \$ 0.00 WASTE FEE \$ \_\_\_\_\_

FLOOD DEVELOPMENT FEE \$ \_\_\_\_\_ FLOOD ZONE FEE \$ \_\_\_\_\_ CULVERT FEE \$ \_\_\_\_\_ TOTAL FEE 350.00

INSPECTORS OFFICE Marilyn Edgley CLERKS OFFICE \_\_\_\_\_

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

Revised 9-23-04

**For Office Use Only** Application # 0603-106 Date Received 3-29-06 By LH Permit # 24348  
 Application Approved by - Zoning Official BLK Date 30.03.06 Plans Examiner OK 37H Date 31-3-06  
 Flood Zone X Sp/lot Development Permit all A Zoning RSF-2 Land Use Plan Map Category RES. LOW DEV.  
 Comments \_\_\_\_\_

7700

Applicants Name KIMMY EDGLEY Phone 386-752-0580  
 Address 590 SW ARLINGTON BLVD SUITE 105 LAKE CITY FL 32025  
 Owners Name ARTHUR HUTCHISON AND ANN BORMOLINI Phone 386-752-0580  
 911 Address 359 SW BROTHERS LANE LAKE CITY FL 32025  
 Contractors Name EDGLEY CONSTRUCTION CO Phone 386-752-0580  
 Address 590 SW ARLINGTON BLVD SUITE 105 LAKE CITY FL 32025  
 Fee Simple Owner Name & Address ARTHUR HUTCHISON AND ANN BORMOLINI  
 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-16-02941-103 Estimated Cost of Construction \$70,000.00  
 Subdivision Name SOUTHERN LANDINGS Lot 3 Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_  
 Driving Directions HWY 90 WEST, TL ON SISTERS WELCOME RD, TL ON BROTHERS LANE, TL INTO SOUTHERN LANDINGS ON PLANTATION TERRACE FIRST ON RIGHT

Type of Construction AIRPLANE HANGAR Number of Existing Dwellings on Property N/A  
 Total Acreage .523 Lot Size \_\_\_\_\_ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Driv  
 Actual Distance of Structure from Property Lines - Front 157'8" Side 11' Side 38'8" Rear 10'  
 Total Building Height 21'8" Number of Stories 1 Heated Floor Area 1994 Roof Pitch 4/12  
TOTAL 1994

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 COMMENCEMENT 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.**

Kimmy Edgley - Agent  
 Owner Builder or Agent (Including Contractor)

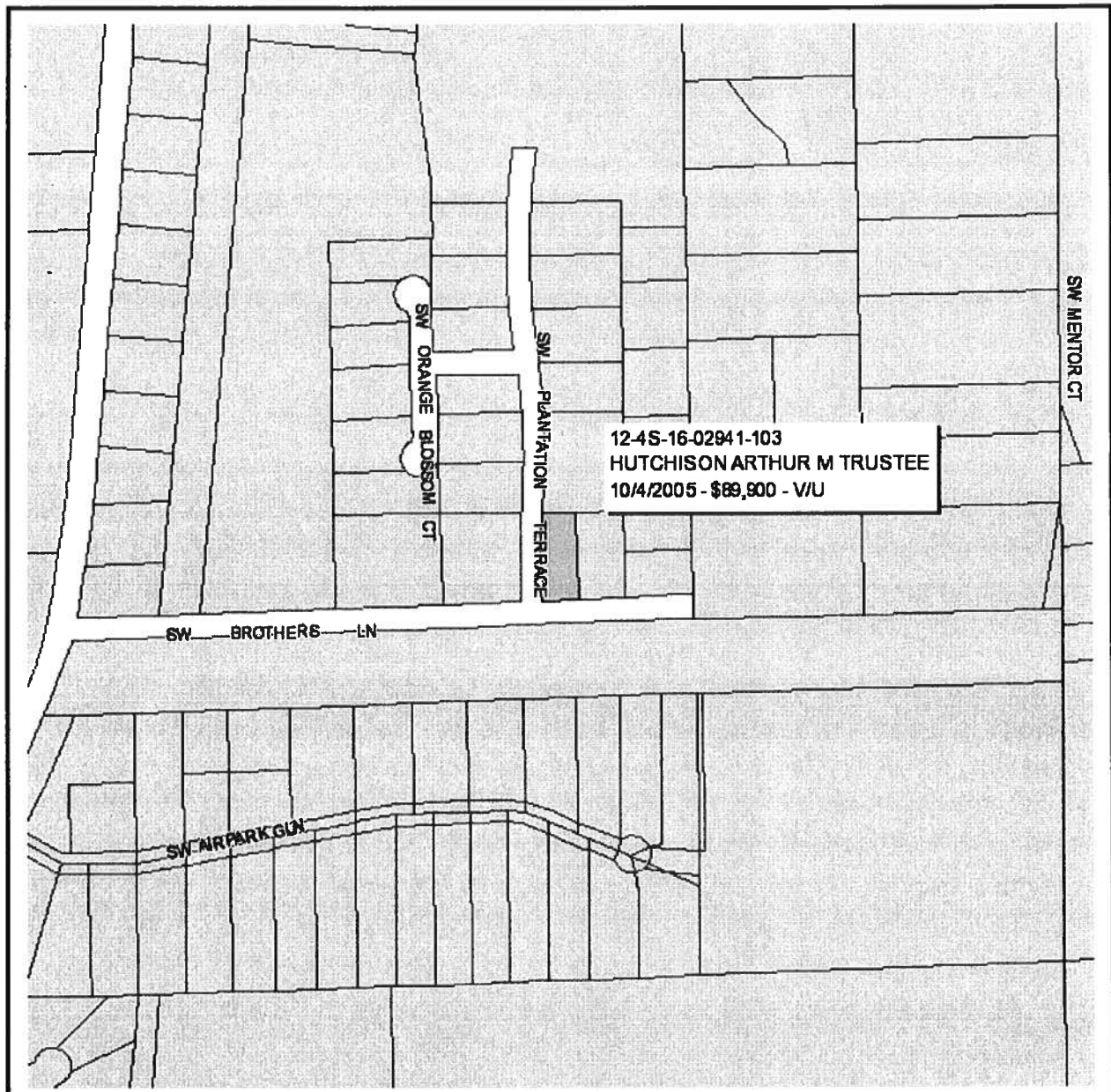
STATE OF FLORIDA  
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me  
 this 28th day of MARCH 2006.  
 Personally known ✓ or Produced Identification \_\_\_\_\_

Douglas E. Clark  
 Contractor Signature  
 Contractors License Number R282811326  
 Competency Card Number 5472  
 NOTARY STAMP/SEAL

Jane Clark  
 Notary Signature  
 NOTARY PUBLIC  
 JAN CLARK  
 MY COMMISSION # DD 181635  
 EXPIRES: March 28, 2007  
 Bonded Thru Budget Notary Services

- TR. ADVISED MS EDGLEY ON 4.3.06.



### Columbia County Property Appraiser

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

**PARCEL: 12-4S-16-02941-103 - VACANT (000000)**

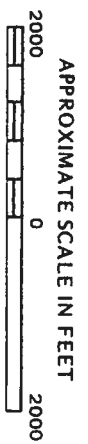
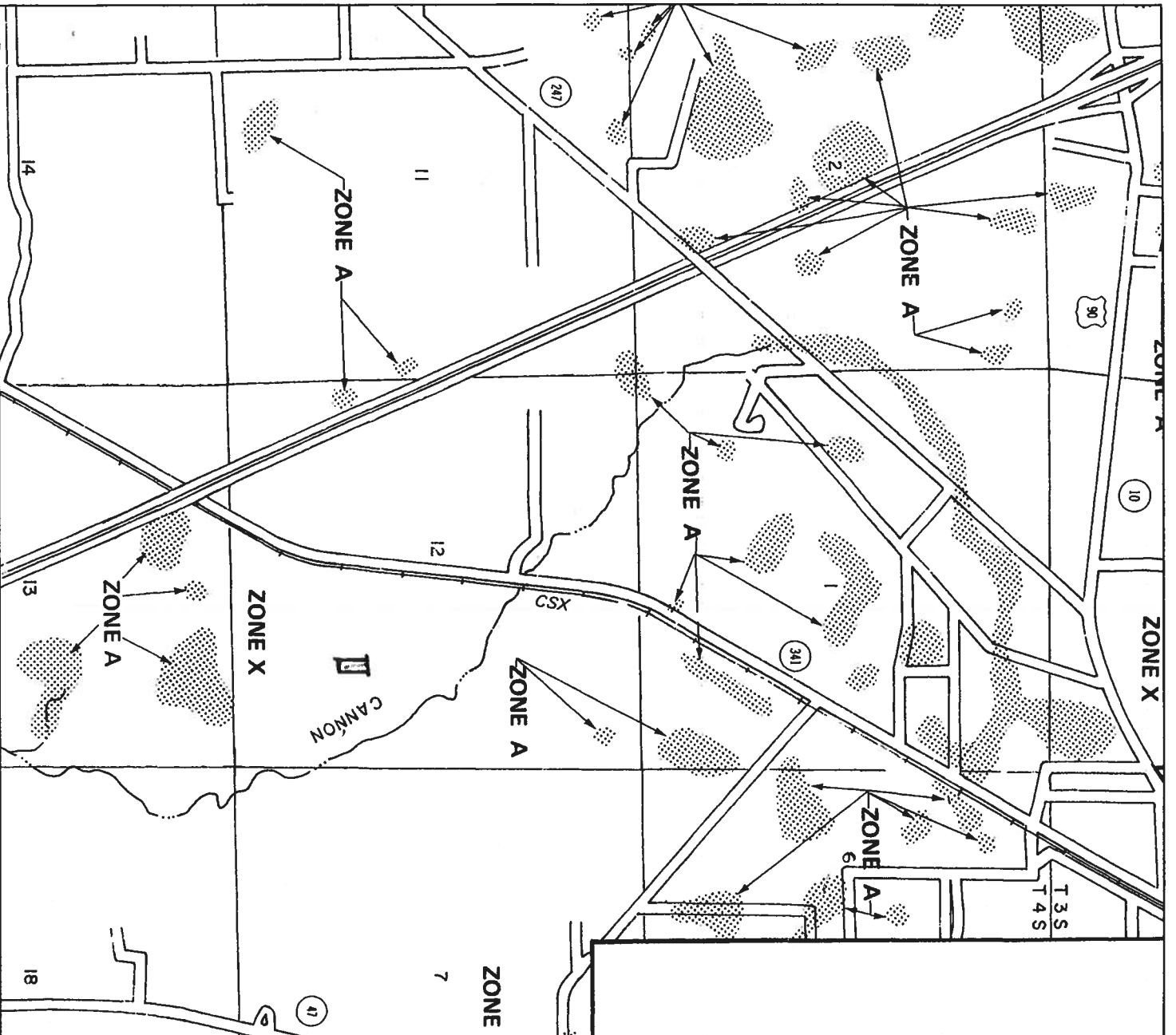
LOT 3 SOUTHERN LANDINGS AVIATION S/D. WD 1049-1770, WD 1061-93.

Name:	HUTCHISON ARTHUR M TRUSTEE	LandVal	\$63,500.00
Site:		BldgVal	\$0.00
Mail:	24099 HIGH MEADOW DR	ApprVal	\$63,500.00
	GOLDEN, CO 80401	JustVal	\$63,500.00
Sales	10/4/2005 \$89,900.00 V / U	Assd	\$63,500.00
Info	6/2/2005 \$75,000.00 V / Q	Exmpt	\$0.00
		Taxable	\$63,500.00

0 180 360 540 ft



This information, GIS Map Updated: 2/7/2006, 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, its use, or its 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.



NATIONAL FLOOD INSURANCE PROGRAM

# **FIRM** FLOOD INSURANCE RATE MAP

COLUMBIA  
COUNTY,  
FLORIDA  
(UNINCORPORATED AREAS)

PANEL 175 OF 290

PANEL LOCATION



COMMUNITY-PANEL NUMBER

120070 0175 B

EFFECTIVE DATE:

JANUARY 6, 1988



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Further information about National Flood Insurance Program flood hazard maps is available at [www.fema.gov/nflis](http://www.fema.gov/nflis)



This Instrument Prepared by & return to:  
Name: Chris Travis, an employee of  
TITLE OFFICES, LLC  
Address: 1089 SW MAIN BLVD.  
LAKE CITY, FLORIDA 32025  
File No. 05Y-08164CT

Inst: 2005024915 Date: 10/07/2005 Time: 09:17  
Doc Stamp-Deed : 629.30  
MK DC, P. Dewitt Cason, Columbia County B: 1061 P: 93

Parcel I.D. #: 02941-001

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

**THIS WARRANTY DEED** Made the 4<sup>TH</sup> day of OCTOBER, A.D. 2005, by

**JAMES D. BERNARD and THERASA C. BERNARD, HIS WIFE**, hereinafter called the grantors, to  
**ARTHUR M. HUTCHISON, AS TRUSTEE OF THE ARTHUR M. HUTCHISON REVOCABLE TRUST DATED  
SEPTEMBER 26, 1994**, whose post office address is  
**24099 HIGH MEADOW DR, GOLDEN, CO 80401**, hereinafter called the grantee:

(Wherever used herein the terms "grantors" and "grantee" include all the parties to this instrument, singular and plural, the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

**Witnesseth:** That the grantors, for and in consideration of the sum of \$10.00 and other valuable consideration, receipt whereof is hereby acknowledged, do hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the grantee all that certain land situate in **Columbia County, State of FLORIDA**, viz:

Lot 3, SOUTHERN LANDINGS AVIATION SUBDIVISION, according to the map or plat thereof as recorded in Plat Book 7, Page 205-206, of the Public Records of Columbia County, FLORIDA.

THE ABOVE DESCRIBED PROPERTY IS NOT THE HOMESTEAD OF THE GRAN'TOR.

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold the same in fee simple forever.

And the grantors hereby covenant with said grantee that they are lawfully seized of said land in fee simple; that they have good right and lawful authority to sell and convey said land, and hereby fully warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2004.

In Witness Whereof, the said grantors have signed and sealed these presents, the day and year first above written.

Signed, sealed and delivered in the presence of:

Kathy Bozeman  
Witness Signature  
Kathy Bozeman  
Printed Name

G. Donald  
Witness Signature  
G. Donald  
Printed Name

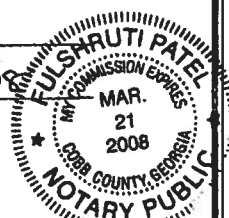
JAMES D. BERNARD L.S.  
Address:  
5366 ASHBURY MANOR LANE, SUGAR HILL,  
GA 30518

THERASA C. BERNARD L.S.  
Address:  
5366 ASHBURY MANOR LANE, SUGAR HILL,  
GA 30518

STATE OF GEORGIA  
COUNTY OF Cobb

The foregoing instrument was acknowledged before me this 4<sup>TH</sup> day of OCTOBER, 2005, by **JAMES D. BERNARD and THERASA C. BERNARD**, who are known to me or who have produced  
me as identification.

Notary Public  
My commission expires 3/21/08



# COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787

PHONE: (386) 758-1125 \* FAX: (386) 758-1365 \* Email: ron\_croft@columbiacountyfla.com

## Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

**DATE ISSUED:** 2 December 2005

**ENHANCED 9-1-1 ADDRESS:**

359 SW BROTHERS LN (LAKE CITY, FL 32025)

**Addressed Location 911 Phone Number:** NOT AVAIL.

**OCCUPANT NAME:** NOT AVAIL.

**OCCUPANT CURRENT MAILING ADDRESS:** \_\_\_\_\_

**PROPERTY APPRAISER PARCEL NUMBER:** 12-4S-16-02941-103

**Other Contact Phone Number (If any):** \_\_\_\_\_

**Building Permit Number (If known):** \_\_\_\_\_

**Remarks:** LOT 3 SOUTHERN LANDINGS AVIATIONS S/D

**Address Issued By:** \_\_\_\_\_

Columbia County 9-1-1 Addressing / GIS Department

**NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.**

Application for Onsite Sewage Disposal System  
Construction Permit. Part II Site Plan  
Permit Application Number: 016-0286N

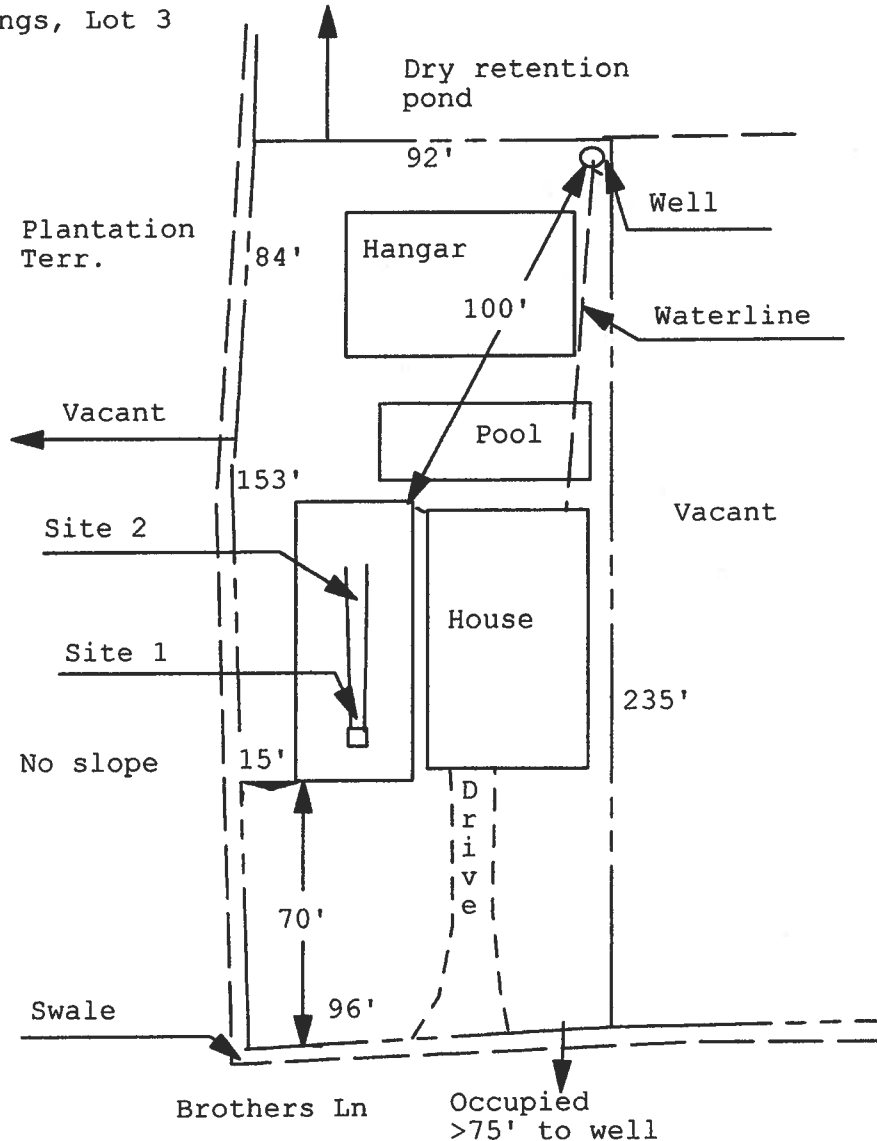
**ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT**

BORLINI/HUTCHISON  
CR 05-3241

Occupied across road  
>100' to well

Southern Landings, Lot 3

North



1 inch = 50 feet

Site Plan Submitted By Paul Lopez Date 11/30/25  
Plan Approved ☒ Not Approved ☐ Date 3.28.06

By Sally Gaddy ESII **Columbia CHD** CPHU

**Notes:** \_\_\_\_\_

NOTICE OF COMMENCEMENT FORM  
COLUMBIA COUNTY, FLORIDA

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-16-02941-103

1. Description of property: (legal description of the property and street address or 911 address)  
LOT 3, SOUTHERN LANDINGS AVIATION SUBDIVISION, according to the map or  
plat thereof as recorded in Plat Book 7, Page 205-206, of the Public  
Records of Columbia County, Florida. 359 SW Brothers Lane, Lake City  
Florida 32025
2. General description of improvement: Residential Home and Airplane Hangar
3. Owner Name & Address Arthur Hutchison  
Interest in Property 100%
4. Name & Address of Fee Simple Owner (If other than owner): Same
5. Contractor Name Edgley Construction Co. Phone Number 386-752-0580  
Address 590 SW Arlington Blvd Suite 105 Lake City Fl 32025
6. Surety Holders Name N/A Phone Number \_\_\_\_\_  
Address \_\_\_\_\_ Inst: 2006007912 Date: 03/30/2006 Time: 15:28  
Amount of Bond N/A J.P. DC, P. DeWitt Cason, Columbia County B: 1079 P: 330
7. Lender Name N/A  
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 Edgley Construction Co. Phone Number 386-752-0580  
Address 590 SW Arlington Blvd suite 105, Lake City Fl 32025
9. In addition to himself/herself the owner designates Edgley Construction Co. of  
Lake City Florida to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -  
(a) 7. Phone Number of the designee 386-752-0580
10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording,  
(Unless a different date is specified) N/A

**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.

A. M. Hutchison  
Signature of Owner



JAN CLARK  
MY COMMISSION # DD 181635  
EXPIRES: March 28, 2007  
Bonded Thru Budget Notary Services

Sworn to (or affirmed) and subscribed before  
day of 30th March, 2006

NOTARY STAMP/SEAL

Jan Clark



# Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844  
Florida Engineering Certificate of Authorization Number: 567  
Florida Certificate of Product Approval # FL1999  
Page 1 of 1 Document ID:ISSR215-Z0106082827

Truss Fabricator: W.B. Howland  
Job Identification: 3009-/Hutchison & Bormolini Han /EDGELY CONSTRUCTION -- LAKE CITY, FL  
Truss Count: 3  
Model Code: Florida Building Code 2004  
Truss Criteria: ANSI/TPI-2002(STD)/FBC  
Engineering Software: Alpine Software, Version 7.20.  
Structural Engineer of Record:  
Address:  
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: HCUSR215

Details: BRCLBSUB

#	Ref	Description	Drawing#	Date
1	06738-A1GE (2-PLY) 46'		05340003	12/06/05
2	06739--A2 46' Common		05340001	12/06/05
3	06740--A3GE 46' Gable		05340002	12/06/05

Seal Date: 12/06/2005

-Truss Design Engineer-  
James F. Collins Jr.  
Florida License Number: 52212  
1950 Marley Drive  
Haines City, FL 33844



# Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844  
Florida Engineering Certificate of Authorization Number: 567  
Page 1 of 1 Document ID:ISSR215-Z0106082827

Truss Fabricator: W.B. Howland  
Job Identification: 3009-/Hutchison & Bormolini Han /EDGELY CONSTRUCTION -- LAKE CITY, FL  
Truss Count: 1  
Model Code: Florida Building Code 2004  
Truss Criteria: ANSI/TPI-2002(STD)/FBC  
Engineering Software: Alpine Software,Version 7.20.  
Structural Engineer of Record:  
Address:  
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: HCUSR215

Seal Date: 12/06/2005

-Truss Design Engineer-  
James F. Collins Jr.  
Florida License Number: 52212  
1950 Marley Drive  
Haines City, FL 33844

## Revised Trusses

#	Ref	Description	Drawing#	Date
1	06738-A1GE	(2-PLY) 46'	05340003	12/06/05

# ALPINE



2 COMPLETE TRUSSES REQUIRED

Nailling Schedule: (10d\_Box\_or\_Gun\_(0.128"x3",\_min.)\_nails)  
 Top Chord: 1 Row @ 3.00" 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.

Gable end supports 8" max rake overhang.

**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.

THE JOB ENGINEER OR 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 JOB ENGINEER OR BUILDING DESIGNER.

+ MEMBER TO BE Laterally Braced for Horizontal Wind Loads.  
Bracing System to be Designed and Furnished by Others.

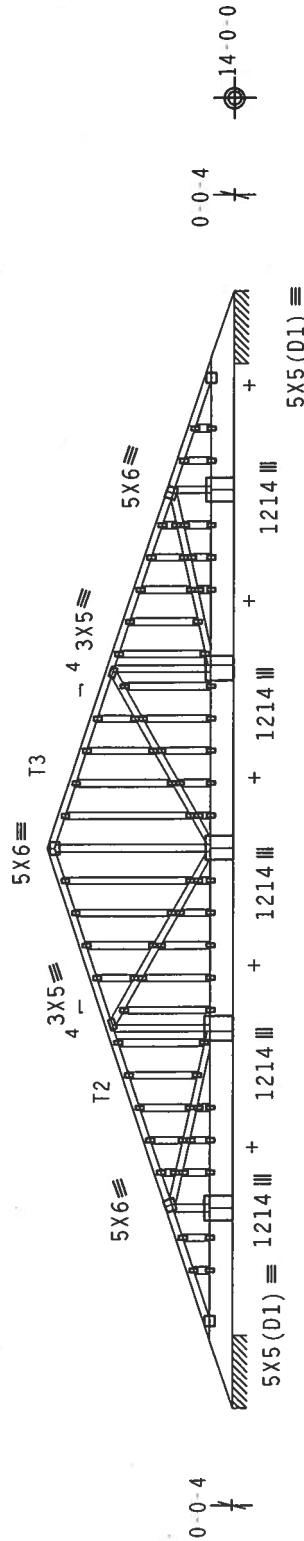
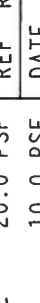


Diagram of a continuous beam with three spans. The spans are labeled 23'-0", 46'-0", and 23'-0". The beam is supported by four supports, with the middle span labeled "Over 2 Supports". The beam is labeled "R=566 PLF U-60 PLF W-3'-0"

Design Crit: TPI-2002(STD)/FBC

QTY: 1 ~~511-151-1-1R1-~~

Scale = .125"/Ft.



**Alpine Engineered Products, Inc.**  
1950 Marley Drive  
Haines City, FL 33844  
FL Certificate of Authorization # 567

REF	R215--	PSF	20.0	PSF	6738
DATE	12/06/05	PSF	10.0	PSF	
DRW	HCUSR215	PSF	10.0	PSF	05340003
HC-ENG	RA/WHK	PSF	0.0	PSF	
SEQN-	97121	PSF	40.0	PSF	REV
FROM	CDM				
JREF-	1SSR215_Z01				

**\*\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFERENCE TO 8651 - 003 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 NORTH 20TH AVENUE, SUITE 200, ROCK HAVEN, MISSISSIPPI 38676, AND 8650 ENTERPRISE LN., MADISON, AL 37119, FOR EXCELLENT PRACTICES FOR THE FABRICATING THESE TRUSSES. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PILING AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DETAILING FROM THE DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI (TRUSS PLATE INSTITUTE) SHALL BE THE RESPONSIBILITY OF THE DESIGNER. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20A18/16GA (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, 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC. 3. A SEAL ON 2. 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.

**ALPINE**

**JAMES F. COYNE, JR.**  
Professional Engineer  
No. 52512  
STATE OF FLORIDA  
Professional Engineer

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

Dec 6, 2005

Top chord 2x4 SP SS :T2, T3 2x4 SP #2 Dense:

Bot chord 2x4 SP #2 Dense :B2 2x4 SP #2 N:

Webs 2x4 SP #2 N

Calculated horizontal deflection is 0.14" due to live load and 0.14" due to dead load.

**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.

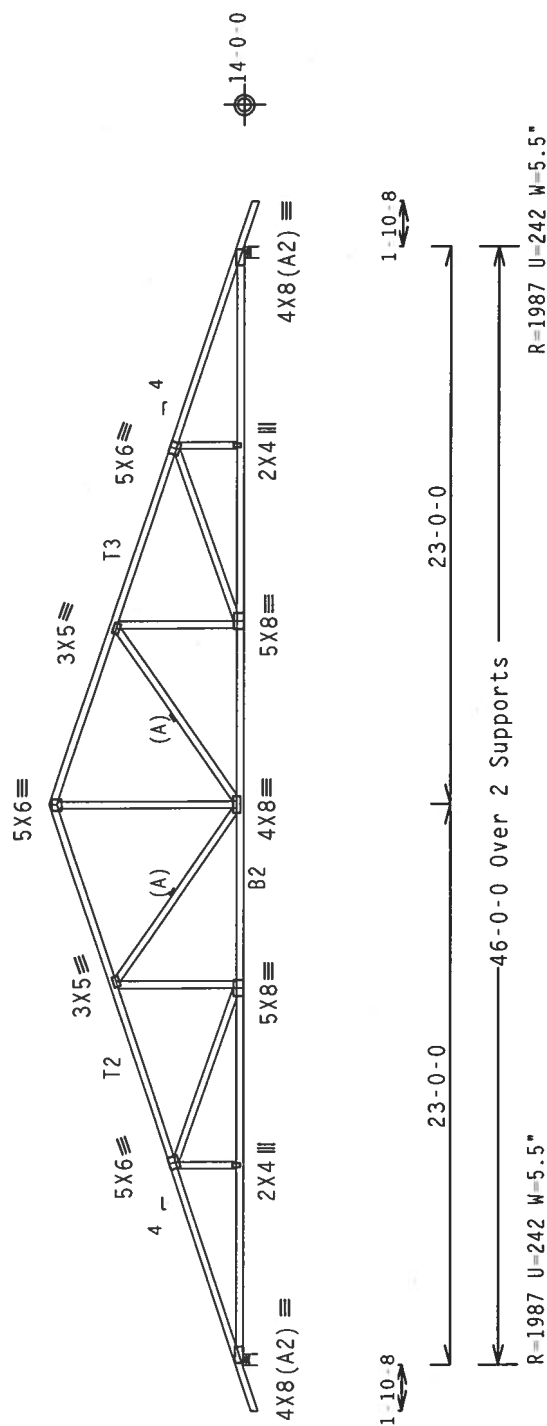
110 mph wind, 17.85 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 7-11-15.



Design Crit: TPI-2002(STD)/ERC

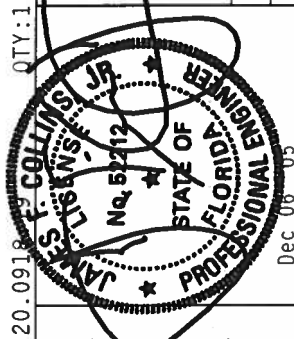
QTY:1 FL/-/5/-/-/R/-  
Scale =.125"/Ft.

PLT TYP. Wave\R

**WARNING:** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, CRUSSLING PLATE, AND BRACING. REFER TO BCS1-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 W. OGDEN RD., SUITE 200, MADISON, WI 53719), AND WICA (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 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 COMPONENTS IN ACCORDANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE DESIGN OF THE TRUSS COMPONENTS SHALL BE THE RESPONSIBILITY OF THE DESIGN ENGINEER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

TC LL	20.0 PSF	REF R215-- 6739
TC DL	10.0 PSF	DATE 12/06/05
BC DL	10.0 PSF	DRW HCUR215 05340001
BC LL	0.0 PSF	HC-ENG RA/WHK *
TOT.LD.	40.0 PSF	SEQN- 97102
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SSR215_Z01



**Alpine Engineered Products, Inc.**  
1950 Marley Drive  
Haines City, FL 33844  
FL Certificate of Authorization # 567

FL Certificate of Authorization # 567  
Haines City, FL 33844

(3099 - /Hutchison & Bor

110 mph wind, 17.99 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.

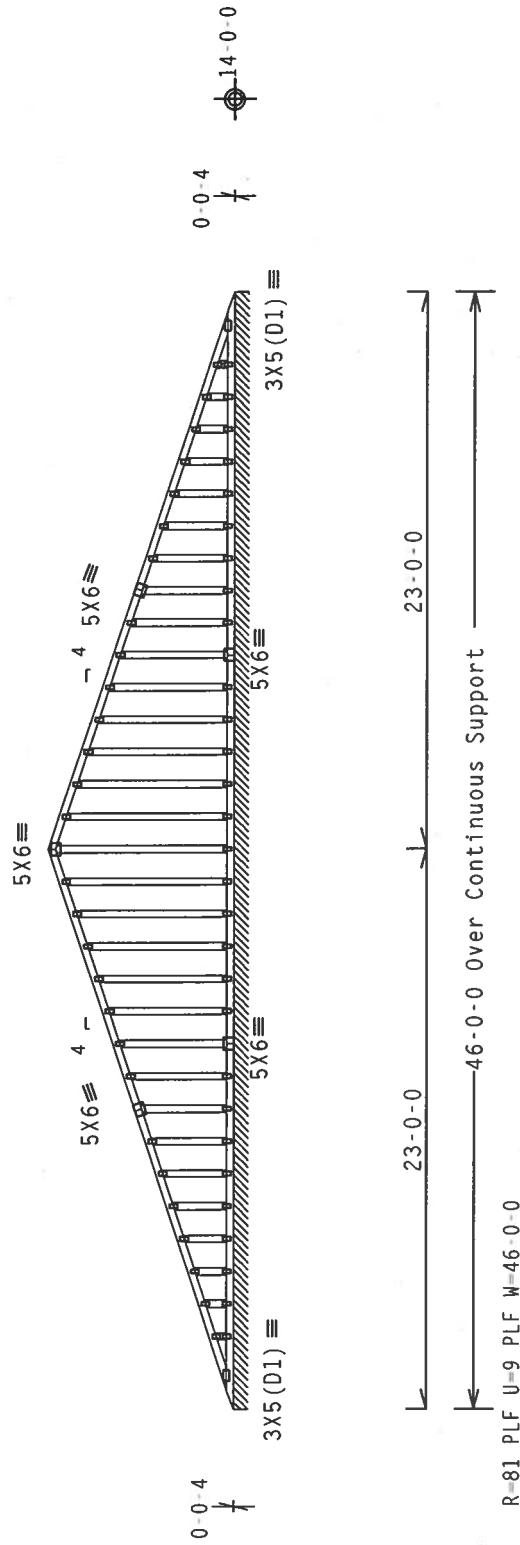
See DWGS A11030EE0405 & GBLETTIN0405 for more requirements.

**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.

Deflection meets L/360 live and L/240 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 7'8"-4."



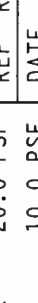
Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

$$Cq/RT = 1.00(1.25)/10(0) \quad 7.20.0918$$

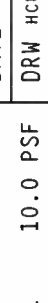
Scale = .125"/Ft.



**Alpine Engineering Products, Inc.**  
 1950 Marley Drive  
 Haines City, FL 33844  
 FL Certificate of Authorization # 567

**\*WARNING\*\*** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 TRUSS REQUIREMENTS FOR MORE INFORMATION. THESE SHEETS BY (CRUSS PLATE INSTITUTE, 983 OAKHURST DR., SUITE 200, MADISON, WI 53719), AND WERE USED TO DESIGN AND MANUFACTURE THIS TRUSS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**\*\*IMPORTANT\*\*** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DESIGN OR INSTALLATION ERRORS OR ANY FAILURE TO FOLLOW THE TRUSS IN CONFORMANCE WITH THE REQUIREMENTS OF 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 A563 GRADE 40/60 (W, K/H, S) GALV. STEEL. APPLIES 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 TPI-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 DESIGN FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Dec 08 03

IC LL	20.0	PSF	REF	R215--	6740
TC DL	10.0	PSF	DATE	12/06/05	
BC DL	10.0	PSF	DRW	HCUSR215	05340002
BC LL	0.0	PSF	HC-ENG	RA/WHK	*
TOT.LD.	40.0	PSF	SEQN-	97106	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1SSR215_Z01	

# CLB WEB BRACE SUBSTITUTION

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

## NOTES:

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

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

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

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

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

T-BRACING

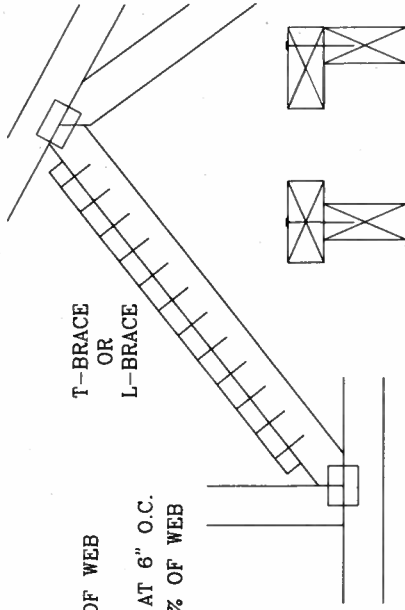
OR

L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE

ATTACH WITH 16d NAILS AT 6" O.C.

BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



T-BRACE

L-BRACE

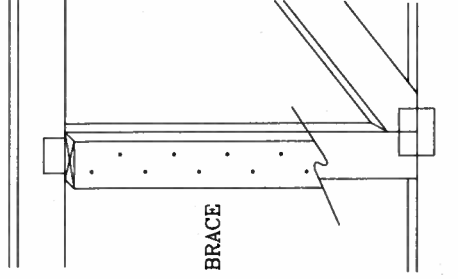
SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB.

NO MORE THAN (1) SCAB PER FACE.

ATTACH WITH 10d OR .128"x3" GUN

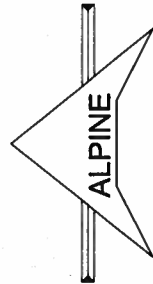
NAILS AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



SCAB BRACE

\*\*\*WARNING\*\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BASE I-103 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 583 DUNDORF DR., SUITE 200, MADISON, WI 53719, AND VICA (WOOD TRUSS CONNECTIONS 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 FOLLOW THE DESIGN OR FOR ANY CONSTRUCTION DEFECTS. THE DESIGNER'S RESPONSIBILITY IS TO PROVIDE THE DESIGN OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVIDING OF TRUSSES, INCLUDING SPECIFICATIONS BY AEPAD 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 TPI I-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.



ALPINE ENGINEERED PRODUCTS, INC.  
POMPAHO BEACH, FLORIDA

THIS DRAWING REPLACES DRAWING 579.640

TC	LL	PSF	REF	CLB	SUBST.
TC	DL	PSF	DATE	11/26/03	
BC	DL	PSF	DRWG	BRCLBSUB1103	
BC	LL	PSF	-ENG	MLH/KAR	
TOT.	LD.	PSF			
DUR.	FAC.				
SPACING					

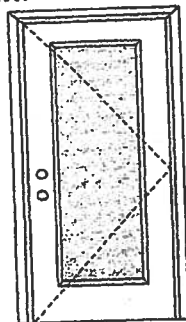


**X**  
Glazed Inswing Unit

COP-WL-JH4141-02

## WOOD-EDGE STEEL DOORS

### APPROVED ARRANGEMENT:



**Note:**  
Units of other sizes are covered by this report as long as the panel used does not exceed 3'0" x 6'8".

**Single Door**  
Maximum unit size = 3'0" x 6'8"

**Design Pressure**  
**+40.5/-40.5**  
Limited water unless special threshold design is used.

**Large Missile Impact Resistance**  
**Hurricane protective system (shutters) is REQUIRED.**

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website ([www.etsmko.com](http://www.etsmko.com)), the Masonite website ([www.masonite.com](http://www.masonite.com)) or the Masonite technical center.

### MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0001-02 and MAD-WL-MA0041-02.

### MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0001-02.

### APPROVED DOOR STYLES:

#### 1/4 GLASS:



100 Series



133, 135 Series



136 Series



680 Series



822 Series

#### 1/2 GLASS:



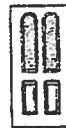
105 Series\*



106, 160 Series\*



129 Series\*



200 Series\*



12 R/L, 23 R/L, 24 R/L Series\*



107 Series\*



108 Series



304 Series

\*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

**Johnson™**  
**EntrySystems**

June 17, 2002  
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.



Exclusively from

**Masonite®**  
Masonite International Corporation

## WOOD-EDGE STEEL DOORS

### APPROVED DOOR STYLES: 3/4 GLASS:



404 Series



410 Series



450 Series

### FULL GLASS:



109 Series



114, 120, 122  
Series



152 Series



149 Series



300 Series

### CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

### PRODUCT COMPLIANCE LABELING:

TESTED IN  
ACCORDANCE WITH  
MIAMI-DADE BCCO PA202

COMPANY NAME  
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

State of Florida, Professional Engineer  
Kurt Bathazor, P.E. - License Number 56533

Warrnock Harney



Test Data Review Certificate #3028447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website ([www.itswh.com](http://www.itswh.com)), the Masonite website ([www.masonite.com](http://www.masonite.com)) or the Masonite technical center.

**Johnson**  
**EntrySystems**

June 17, 2002

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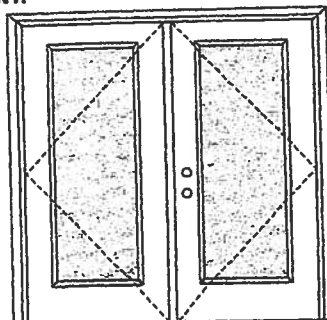


Exclusively from

**Masonite**  
Masonite International Corporation

# WOOD-EDGE STEEL DOORS

## APPROVED ARRANGEMENT:



Test Data Review Certificate #3026447A and CDP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website ([www.itswh.com](http://www.itswh.com)), the Masonite website ([www.masonite.com](http://www.masonite.com)) or the Masonite technical center.

**Note:**  
Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

**Double Door**  
Maximum unit size = 6'0" x 6'8"

**Design Pressure**  
**+40.5/-40.5**  
Limited water unless special threshold design is used.

**Large Missile Impact Resistance**  
**Hurricane protective system (shutters) is REQUIRED.**

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

## MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0002-02 and MAD-WL-MA0041-02.

## MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0002-02.

## APPROVED DOOR STYLES:

### 1/4 GLASS:



100 Series



133, 135 Series



136 Series



680 Series



822 Series

### 1/2 GLASS:



105 Series\*



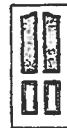
106, 160 Series\*



129 Series\*



200 Series\*



12 R/L, 23 R/L, 24 R/L Series\*



107 Series\*



108 Series



304 Series

\*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

**Johnson**  
**EntrySystems**

June 17, 2002  
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**APPROVED DOOR STYLES:**  
**3/4 GLASS:**



404 Series



410 Series

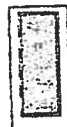


450 Series

**FULL GLASS:**



109 Series



114, 120, 122  
Series



152 Series



149 Series



300 Series

**CERTIFIED TEST REPORTS:**

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

**PRODUCT COMPLIANCE LABELING:**

TESTED IN  
ACCORDANCE WITH  
MIAMI-DADE BCCO PA202

COMPANY NAME  
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

State of Florida, Professional Engineer  
Kurt Balthazor, P.E. – License Number 56533



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website ([www.etsenrko.com](http://www.etsenrko.com)), the Masonite website ([www.masonite.com](http://www.masonite.com)) or the Masonite technical center.

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**EntrySystems**

June 17, 2002  
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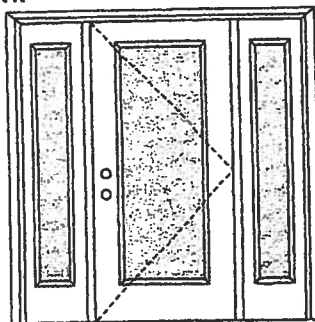
**OXO**

Glazed Inswing Unit

COP-WL-JH4144-02

## WOOD-EDGE STEEL DOORS

### APPROVED ARRANGEMENT:



Single Door with 2 Sidelites  
Maximum unit size = 9'0" x 6'8"

Design Pressure  
**+40.5/-40.5**

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is **REQUIRED**.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

Warnock Hersey



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website ([www.itswh.com](http://www.itswh.com)), the Masonite website ([www.masonite.com](http://www.masonite.com)) or the Masonite technical center.

### Note:

Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

### MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0004-02 or MAD-WL-MA0007-02 and MAD-WL-MA0041-02.

### MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA0004-02.

### APPROVED DOOR STYLES:

#### 1/4 GLASS:



100 Series



133, 135 Series



136 Series



680 Series



822 Series

#### 1/2 GLASS:



105 Series\*



106, 160 Series\*



129 Series\*



200 Series\*



12 R/L, 23 R/L, 24 R/L Series\*



107 Series\*



108 Series



304 Series

\*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

**Johnson™**  
**EntrySystems**

June 17, 2002

Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

**PREMDOR Collection**  
Premium Quality Doors



Exclusively from

**Masonite®**  
Masonite International Corporation

## WOOD-EDGE STEEL DOORS

### APPROVED DOOR STYLES: 3/4 GLASS:



404 Series



410 Series



450 Series

### FULL GLASS:



109 Series



114, 120, 122 Series



152 Series



149 Series



300 Series

### APPROVED SIDELITE STYLES:



680 Series



129 Series



200 Series



12R, 12L, 23R,  
23L, 24R, 24L  
Series



450 Series



152 Series



149 Series



109 Series



120, 122 Series



300 Series

### CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab and sidelite panels glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

### PRODUCT COMPLIANCE LABELING:

TESTED IN  
ACCORDANCE WITH  
MIAMI-DADE BCCO PA202

COMPANY NAME  
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

State of Florida, Professional Engineer  
Kurt Balthazor, P.E. - License Number 56533

Warnock Hensley



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website ([www.itswh.com](http://www.itswh.com)), the Masonite website ([www.masonite.com](http://www.masonite.com)) or the Masonite technical center.

**Johnson**  
**EntrySystems**

June 17, 2002

Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.



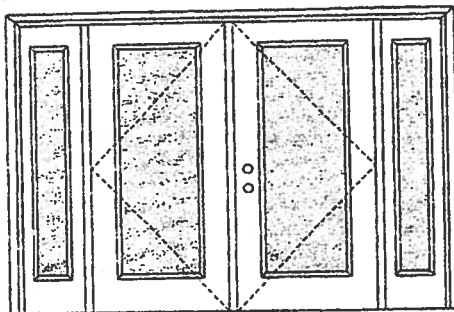
Exclusively from

Masonite International Corporation



## WOOD-EDGE STEEL DOORS

### APPROVED ARRANGEMENT:



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website ([www.itsamko.com](http://www.itsamko.com)), the Masonite website ([www.masonite.com](http://www.masonite.com)) or the Masonite Technical Center.

**Note:**  
Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

Double Door with 2 Sidelites  
Maximum unit size = 12'0" x 6'8"

Design Pressure  
**+40.5/-40.5**  
Limited water unless special threshold design is used.

Large Missile Impact Resistance  
Hurricane protective system (shutters) is **REQUIRED**.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

### MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0005-02 or MAD-WL-MA0008-02 and MAD-WL-MA0041-02.

### MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA0005-02.

### APPROVED DOOR STYLES:

#### 1/4 GLASS:



100 Series



133, 135 Series



136 Series



680 Series



822 Series

#### 1/2 GLASS:



105 Series\*



106, 160 Series\*



129 Series\*



200 Series\*



12 R/L, 23 R/L, 24 R/L Series\*



107 Series\*



108 Series



304 Series

\*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

**Johnson**  
EntrySystems

June 17, 2002  
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

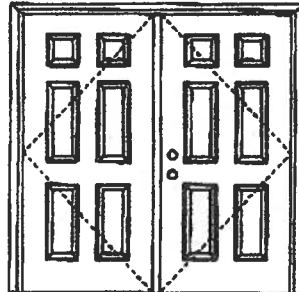


Exclusively from

**Masonite**  
Masonite International Corporation

## WOOD-EDGE STEEL DOORS

### APPROVED ARRANGEMENT:



Test Data Review Certificate #2026417A and COP/TEST Report Validation Matrix #2026417A-001 provide additional information - available from the IT&AM website ([www.it&am.com](http://www.it&am.com)), the Masonite website ([www.masonite.com](http://www.masonite.com)) or the Masonite regional center.

#### Note:

Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

Double Door  
Maximum unit size = 6'0" x 6'8"

Design Pressure  
**+45.0/-45.0**

limited water unless special threshold design is used.

Large Missile Impact Resistance

**Hurricane protective system (shutters) is NOT REQUIRED.**

Actual design pressure and impact resistance requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

### MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0002-02.

### MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA0002-02.

### APPROVED DOOR STYLES:



Plain



Arch Top 3-panel



2-panel



6-panel



New England 4-panel



Eyebrow 4-panel



6-panel



9-panel



15-panel



5-panel



5-panel with scroll



Eyebrow 5-panel



Eyebrow 5-panel with scroll

**Johnson**  
EntrySystems

June 17, 2002  
Our continuing program of product improvement meets regulations, codes and product needs subject to change without notice.



*Educating the World*  
**Masonite**  
Masonite International Corporation

**XX**

Opaque Inswing Unit

COP-WL-IH4102-02

## WOOD-EDGE STEEL DOORS

### CERTIFIED TEST REPORTS:

NCTL 210-1905-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12;  
NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA201, PA202 and PA203.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood.  
Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior  
cavity of slab filled with rigid polyurethane foam core.

Frame constructed of wood with an extruded aluminum threshold.

### PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH  
MIAMI-DADE BCCO  
PA201, PA202 & PA203

COMPANY NAME  
CITY, STATE

To the best of my knowledge and ability the above side-hinged  
exterior door unit conforms to the requirements of the 2001 Florida  
Building Code, Chapter 17 (Structural Tests and Inspections).

*Kurt L. Balhazor*

State of Florida, Professional Engineer  
Kurt Balhazor, P.E. - License Number 56533



Test Data Review Certificate #202547A  
and COP/Ins Report Validation Matrix  
#202547A-001 provides additional  
information - available from the ITSMH  
website ([www.steelmh.com](http://www.steelmh.com)), the  
Masonite website ([www.masonite.com](http://www.masonite.com))  
or the Masonite technical center.

**Johnson**  
EntrySystems

June 17, 2003

Our continuing program of product improvement meets specifications, design and product  
development subject to change without notice.



Exclusively from

Masonite International Corporation

**AAMA/NWWDA 101/LS.2-97  
TEST REPORT SUMMARY**

**Rendered to:**

**MI HOME PRODUCTS, INC.**

**SERIES/MODEL: 650 Fin  
TYPE: Aluminum Single Hung Window**

Title of Test	Results
Rating	H-R40 52 x 72
Overall Design Pressure	+45.0 psf -47.2 psf
Operating Force	11 lb max.
Air Infiltration	0.13 cfm/ft <sup>2</sup>
Water Resistance	6.00 psf
Structural Test Pressure	+67.5 psf -70.8 psf
Deglazing	Passed
Forced Entry Resistance	Grade 10

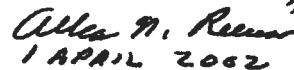
Reference should be made to Report No. 01-41134.01 dated 03/26/02 for complete test specimen description and data.

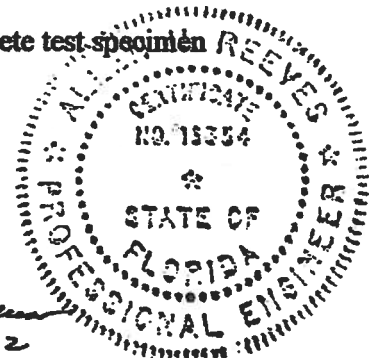
For ARCHITECTURAL TESTING, INC.



Mark A. Hess, Technician

MAH:mlb

  
1 APRIL 2002





**Architectural Testing**

**AAMA/NWWDA 101/I.S.2-97 TEST REPORT**

Rendered to

MI HOME PRODUCTS, INC.  
650 West Market Street  
P.O. Box 370  
Gratz, Pennsylvania 17030-0370

Report No: 01-41134.01

Test Date: 03/07/02

Report Date: 03/26/02

Expiration Date: 03/07/06

**Project Summary:** Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to perform tests on Series/Model 650 Fin, aluminum single hung window at their facility located in Elizabethville, Pennsylvania. The samples tested successfully met the performance requirements for a H-R40 52 x 72 rating.

**Test Specification:** The test specimen was evaluated in accordance with AAMA/NWWDA 101/I.S.2-97, *Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors*.

**Test Specimen Description:**

**Series/Model:** 650 Fin

**Type:** Aluminum Single Hung Window

**Overall Size:** 4' 4-1/4" wide by 6' 0-3/8" high

**Active Sash Size:** 4' 1-3/4" wide by 3' 0-5/8" high

**Daylight Opening Size:** 3' 11-3/8" wide by 2' 9-1/2" high

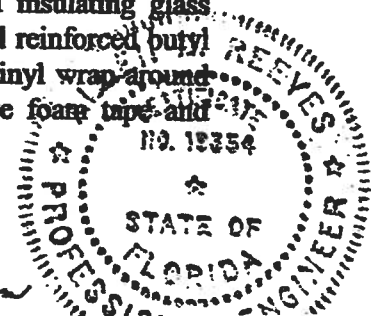
**Screen Size:** 4' 0-1/4" wide by 2' 11-1/8" high

**Finish:** All aluminum was white.

**Glazing Details:** The active and fixed lites utilized 5/8" thick, sealed insulating glass constructed from two sheets of 1/8" thick, clear annealed glass and a metal reinforced butyl spacer system. The active sash was channel glazed utilizing a flexible vinyl wrap-around gasket. The fixed lite was interior glazed against double-sided adhesive foam tape and secured with PVC snap-in glazing beads.

130 Derry Court  
York, PA 17402-9405  
phone: 717.764.7700  
fax: 717.764.4129  
www.archtest.com

Allen N. Reeves  
1 APR 2002





**Test Specimen Description: (Continued)**

**Weatherstripping:**

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
0.230" high by 0.270" backed polypile with center fin	1 Row	Fixed meeting rail
0.250" high by 0.187" backed polypile with center fin	2 Rows	Active sash stiles
1/2" x 1/2" dust plug	4 Pieces	Active sash, top and bottom of stiles
1/4" foam-filled vinyl bulb seal	1 Row	Active sash, bottom rail

**Frame Construction:** The frame was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1" screws through the head and sill into each jamb screw boss. End caps were utilized on the ends of the fixed meeting rail and secured with two 1-1/4" screws per cap. Meeting rail was secured to the frame utilizing two 1-1/4" screws.

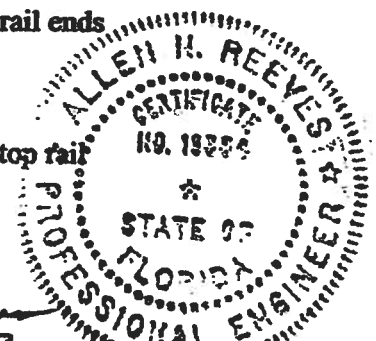
**Sash Construction:** The sash was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1-1/2" screws through the rails into each jamb screw boss.

**Screen Construction:** The screen was constructed from roll-formed aluminum with keyed corners. The fiberglass mesh was secured with a flexible spline.

**Hardware:**

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Metal cam lock with keeper		Midspan, active meeting rail with keeper adjacent on fixed meeting rail
Plastic tilt latch	2	Active sash, meeting rail ends
Metal tilt pin	2	Active sash, bottom rail ends
Balance assembly	2	One in each jamb
Screen plunger	2	4" from rail ends on top rail

*Allen H. Reeves*  
1 APRIL 2003





# **Test Specimen Description: (Continued)**

**Drainage:** Sloped sill

**Reinforcement:** No reinforcement was utilized.

**Installation:** The test specimen was installed into a 2 x 8 #2 Spruce-Pine-Fir wood test buck with #8 x 1-5/8" drywall screws every 8" on center around the nail fin. Polyurethane was used as a sealant under the nail fin and around the exterior perimeter.

## **Test Results:**

The results are tabulated as follows:

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
2.2.1.6.1	Operating Force	11 lbs	30 lbs max
	Air Infiltration (ASTM E 283-91) @ 1.57 psf (25 mph)	0.13 cfm/ft <sup>2</sup>	0.3 cfm/ft <sup>2</sup> max

*Note #1: The tested specimen meets the performance levels specified in AAMA/NWWDA 101/I.S. 2-97 for air infiltration.*

	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 2.86 psf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds) @ 25.9 psf (positive) @ 34.7 psf (negative)	0.42"* 0.43"*	0.26" max. 0.26" max.

*\*Exceeds L/175 for deflection, but passes all other test requirements.*

2.1.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds) @ 38.9 psf (positive) @ 52.1 psf (negative)	0.02" 0.02"	0.18" max. 0.18" max.
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*Allen H. Reeves*  
1 APRIL 2002



**Test Specimen Description: (Continued)**

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
2.2.1.6.2	Deglazing Test (ASTM E 987) In operating direction at 70 lbs		
	Meeting rail	0.12"/25%	0.50"/100%
	Bottom rail	0.12"/25%	0.50"/100%
	In remaining direction at 50 lbs		
	Left stile	0.06"/12%	0.50"/100%
	Right stile	0.06"/12%	0.50"/100%
	Forced Entry Resistance (ASTM F 588-97)		
	Type: A		
	Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Tests A1 through A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry

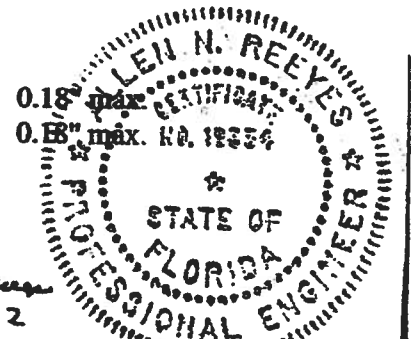
**Optional Performance**

4.3	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 6.00 psf	No leakage	No leakage
	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds)		
	@ 45.0 psf (positive)	0.47"*	0.26" max.
	@ 47.2 psf (negative)	0.46"*	0.26" max.

*\*Exceeds L/175 for deflection, but passes all other test requirements.*

Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds)	
@ 67.5 psf (positive)	0.05"
@ 70.8 psf (negative)	0.05"

*Allen N. Reeves*  
1 APRIL 2002



Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification. This report does not constitute certification of this product, which may only be granted by the certification program administrator.

For ARCHITECTURAL TESTING, INC:



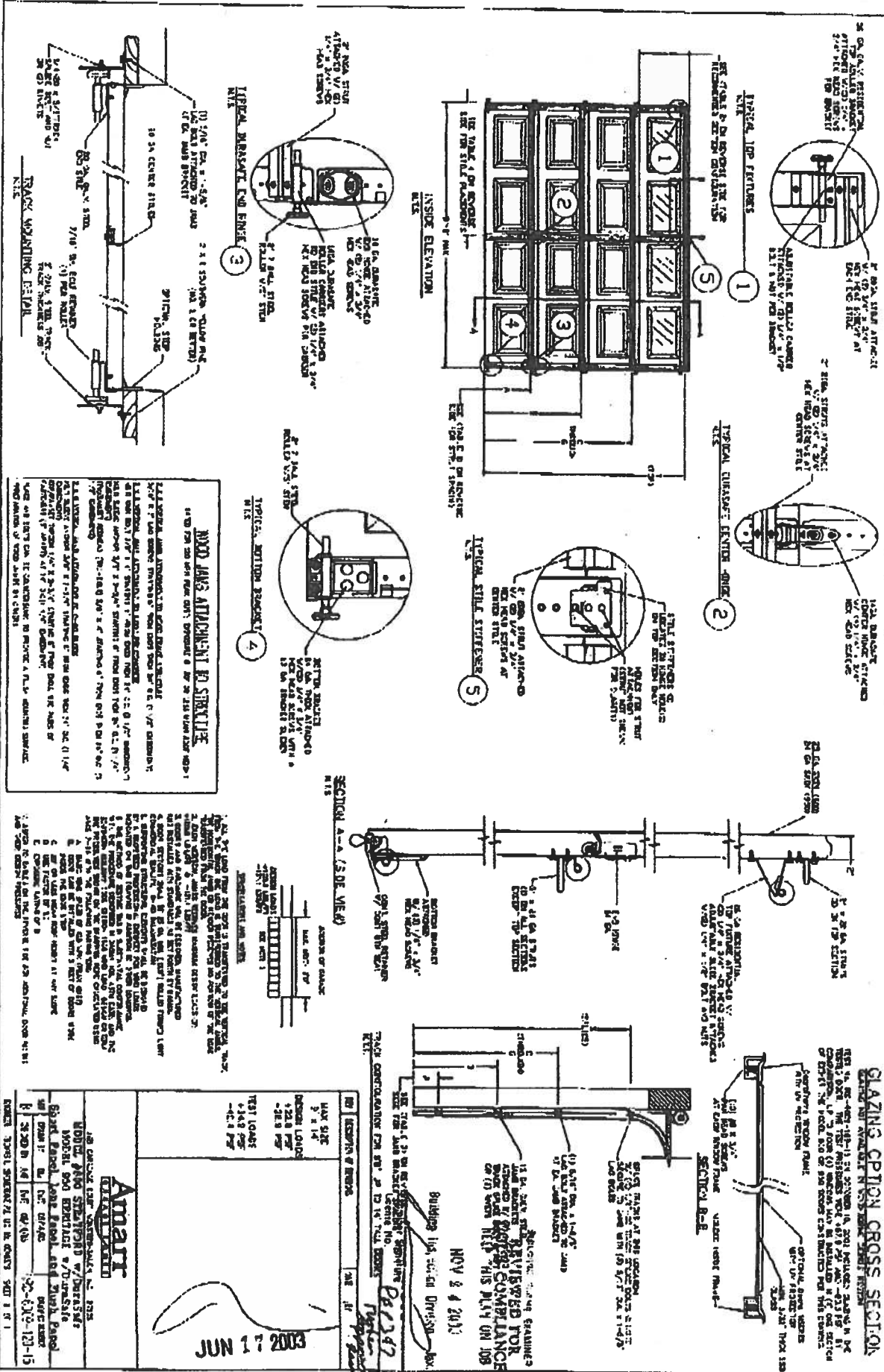
Mark A. Hess  
Technician

MAH:nlb  
01-41134.01



Allen N. Reeves, P.E.  
Director - Engineering Services  
1 APRIL 2002





JUN 1 2003

Amarr

DOOR JAMB ATTACHMENT TO STRUCTURE	1/2" DIA. STAINLESS STEEL RODS ATTACHED TO INSIDE OF WINDOW FRAME
TRACK MOUNTING DETAIL	1/2" DIA. STAINLESS STEEL RODS ATTACHED TO INSIDE OF WINDOW FRAME
GLAZING OPTION CROSS SECTION	1/2" DIA. STAINLESS STEEL RODS ATTACHED TO INSIDE OF WINDOW FRAME
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TRACK MOUNTING DETAIL	1/2" DIA. STAINLESS STEEL RODS ATTACHED TO INSIDE OF WINDOW FRAME
GLAZING OPTION CROSS SECTION	1/2" DIA. STAINLESS STEEL RODS ATTACHED TO INSIDE OF WINDOW FRAME

TABLE 1

DOOR HEIGHT	STRUT SPACING (BASED ON RECOMMENDED SECTION CONFIGURATION)							IOP T
	A	B	C	U	E	F	G	
6'	18 1/4"	39 1/4"	60 1/4"					82 1/2"
7'	18 1/4"	39 1/4"	60 1/4"					82 1/2"
8'	18 1/4"	39 1/4"	60 1/4"	72 1/4"				94 1/2"
9'	15 1/4"	33 1/4"	51 1/4"	69 1/4"	87 1/4"			106 1/2"
9'6"	15 1/4"	33 1/4"	51 1/4"	69 1/4"	87 1/4"			106 1/2"
10'	18 1/4"	39 1/4"	60 1/4"	78 1/4"	96 1/4"			118 1/2"
10'6"	18 1/4"	39 1/4"	60 1/4"	78 1/4"	96 1/4"			118 1/2"
11'	18 1/4"	39 1/4"	60 1/4"	78 1/4"	96 1/4"	108 1/4"		130 1/2"
12'	18 1/4"	39 1/4"	60 1/4"	81 1/4"	102 1/4"	120 1/4"		142 1/2"
13'	18 1/4"	39 1/4"	60 1/4"	78 1/4"	96 1/4"	114 1/4"	132 1/4"	154 1/2"
14'	18 1/4"	39 1/4"	60 1/4"	81 1/4"	102 1/4"	123 1/4"	144 1/4"	166 1/2"

TABLE 2

DOOR HEIGHT	SECTION HEIGHTS							
	Btm	#2	#3	#4	#5	#6	#7	#8
13'6"	21"	21"	21"	21"	21"	18"	18"	21"
12'6"	21"	21"	21"	21"	21"	18"	18"	21"
12'0"	21"	21"	21"	21"	21"	18"	18"	21"
11'6"	21"	21"	21"	21"	21"	18"	18"	21"
11'0"	21"	21"	21"	21"	21"	18"	18"	21"
10'6"	21"	21"	21"	21"	21"	21"		
10'0"	21"	21"	21"	21"	21"	21"		
9'6"	21"	18"	18"	18"	18"	21"		
9'0"	21"	18"	18"	18"	18"	21"		
8'6"	21"	21"	21"	18"	21"			
8'0"	21"	18"	18"	18"	18"			
7'6"	18"	18"	18"	18"	18"			
7'0"	21"	21"	21"	21"				
6'6"	21"	18"	18"	21"				

TABLE 3

DOOR HEIGHT	TRACK ATTACHMENT							SPLICE S
	A	B	C	D	E	F	G	
7'	10"	38"	58"					76"
8'	10"	34"	58"	82"				88"
9'	10"	34"	58"	82"				100"
10'	10"	34"	58"	82"	106"			112"
11'	10"	34"	58"	82"	106"			124"
12'	10"	34"	58"	82"	106"	130"		136"
13'	10"	34"	58"	82"	106"	130"		148"
14'	10"	34"	58"	82"	106"	130"	154"	160"

TABLE 4

Section Width (ft)	Panel Type	Center Stile Location (Measured from Left Edge)	Max Design Loads Allowed	
			Positive (PSF)	Negative (PSF)
8'0"	Long	48.000	25.5	30.1
8'2"	Long	49.000	26.0	29.5
8'4"	Long	50.000	24.5	28.9
8'6"	Long	51.000	24.0	28.3
8'8"	Long	52.000	23.6	27.8
8'10"	Long	53.000	23.1	27.3
9'0"	Long	54.000	22.8	26.9

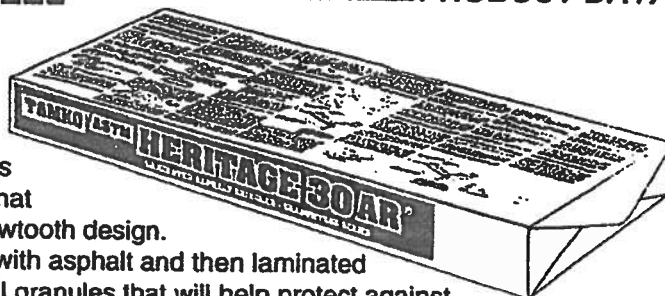
# ASTM HERITAGE 30 AR®

## LAMINATED ASPHALT SHINGLES

PRODUCT DATA

Manufactured in Tuscaloosa, AL.

ASTM HERITAGE 30 AR® shingles feature a double-layer fiberglass mat construction with a random-cut sawtooth design. The two layers of mat are coated with asphalt and then laminated together and surfaced with mineral granules that will help protect against discoloration caused by algae. A self-sealing strip of asphalt helps provide added wind resistance.



### USES

For application to roof decks with inclines of not less than 2 inches per foot. For slopes between 2 inches and 4 inches per foot, refer to wrapper instructions.

### ADVANTAGES

- 30 year limited warranty, 5 year FULL START, limited transferability, winds up to 70 MPH
- Affordable upgrade from 3-tab shingles
- Superior fire resistance compared to organic shingles
- Rustic beauty of wood shakes
- Shadowtone feature adds depth and dimensional appearance
- Algae resistant granules to protect against discoloration in areas where extreme humidity is a problem
- 10 year limited warranty against discoloration caused by certain algae growth

### CERTIFICATIONS

UL Class A Fire Rating  
UL Wind Resistant

ASTM D 3018, Type I

ASTM E 108, Class A

ASTM D 3161 Type I (modified to 110 mph)

ASTM D 3462

Fed. Spec.: Exceeds SS-S-001534,  
Class A, Type I

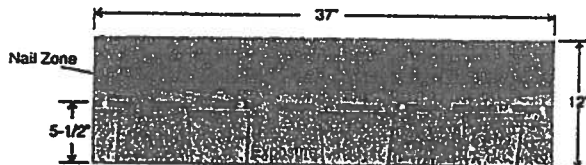
### COLORS

#### Classic Heritage Colors:

- Weathered Wood
- Rustic Cedar
- Rustic Hickory
- Driftwood
- Oxford Grey
- Shadow Grey
- Desert Sand
- Rustic Black
- Olde English Pewter
- Glacier White
- Rustic Evergreen

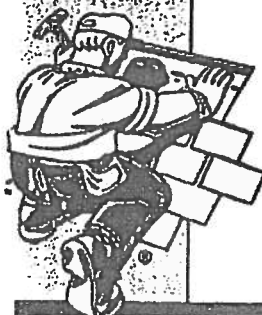
### PRODUCT DATA\*

Shingle size	12" X 37"
Exposure	5"
Shingles per square	78
Bundles per square	3



\*All values stated as nominal

**CAUTION:** The National Institute for Occupational Safety and Health (NIOSH) has concluded that fumes of heated asphalt are a potential occupational carcinogen. Do not heat or burn this product.



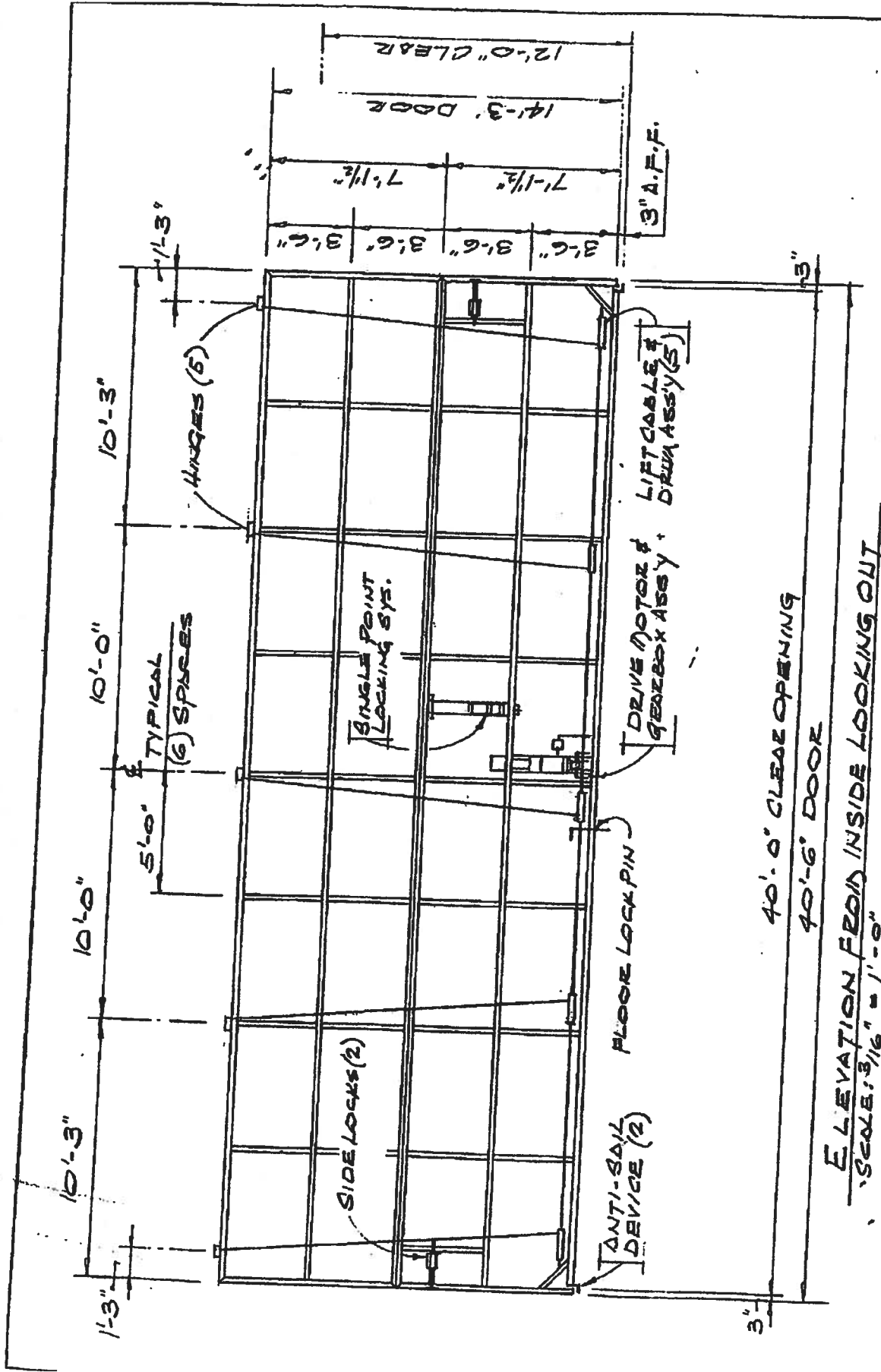
**TAMKO**  
ROOFING PRODUCTS

TAMKO® is a registered trademark of  
TAMKO Roofing Products, Inc.

Visit our Web Site at [www.tamko.com](http://www.tamko.com)

01/2002

Central District	220 West 4th St., Joplin, MO	64801	800-641-4691
Northeast District	4500 Tamko Dr., Frederick, MD	21701	800-368-2055
Southeast District	2300 35th St., Tuscaloosa, AL	35401	800-228-2656
Southwest District	7910 S. Central Exp., Dallas, TX	75216	800-443-1834
Western District	5300 East 43rd Ave., Denver, CO	80216	800-530-8868



ELEVATION FROM INSIDE LOOKING OUT  
 SCALE: 3/16" = 1'-0"

NOTE! VERIFY WHICH SIDE ELECTRICAL CONN. WILL BE LOCATED.

ELECTRICAL  
 230V-1Ø

APPROVED FOR FABRICATION:  
 DATE:

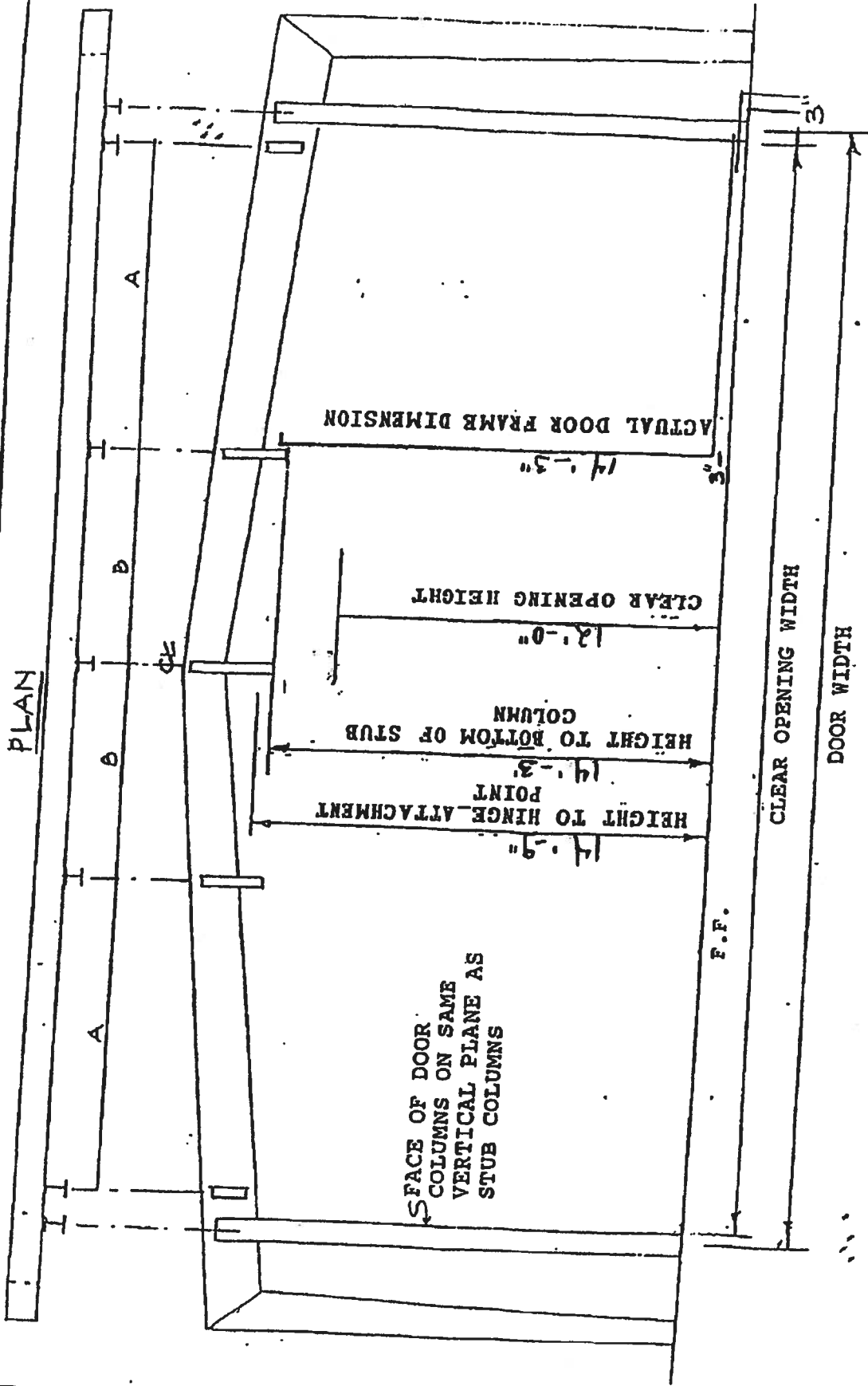
DRAWN: 09-09-02

CUSTOMER: TYPICAL

40'-6" x 14'-3" BI-FOLD DOOR  
 W.L. 110 MPH

WELLS-BUILT  
 INDUSTRIES

# PLAN



N.T.S.

STUB COLUMN ELEVATION

TYPICAL

APPROVED FOR FABRICATION \_\_\_\_\_

DATE \_\_\_\_\_

WELL-BUILT



# WELL BILT INDUSTRIES

1 Well Bilt Road  
PO Box 100  
Williston, FL 32696-0100  
phone (352) 528-5566 toll-free (800) 940-BILT  
fax (352) 528-5614  
E-mail MWellBilt@aol.com  
Web-Site wellbiltdoors.com

## WEIGHTS AND BALANCE

Date :

To :

From : Merle Loock, Office Manager

Company :

Fax:

Phone :

**TYPICAL**

PROJECT:

### DOOR DOWN AND LOCKED

BI-FOLD DOOR CLEAR OPENING SIZE	40'-0" X 12'-0"
ACTUAL DOOR SIZE	40'-6" X 14'-3"
DEAD WEIGHT	2,020 LBS.
LOCKS/OPTIONS	INCLUDED IN ABOVE WEIGHT
SHEETING WEIGHT, EXTERJOR (ESTIMATE 1 # per sq. ft.)	577 LBS.
DEAD WEIGHT TOTAL	2,600 LBS.
VERTICAL COLUMN WIND LOAD TRANSFER	75 %
HEADER LOAD TRANSFER	25 %
HORIZONTAL COMPONENT, 2.0 X'S DEAD WEIGHT	5,200 I.BS.
HINGE POINTS, WEIGHT EACH ( 5 )	1,040 LBS. HORIZONTAL
	520 LBS. VERTICAL
HORIZONTAL COMPRESSION ON EACH VERTICAL COLUMN	2,600 LBS.

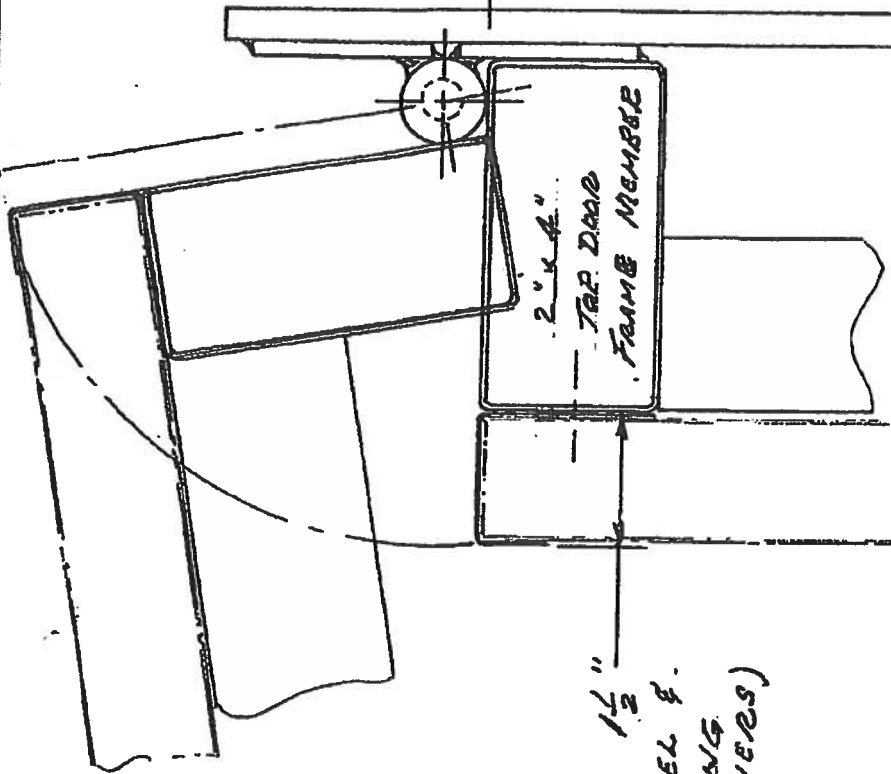
THANK YOU FOR YOUR INTEREST IN WELL BILT INDUSTRIES

CLEARANCE REQ'D @ OPEN POSITION

5 1/2" \*  
APPROX.

TOP OF DOOR  
(CLOSED)

\* CLEARANCE DIMENSION  
BASED ON FRAME AND  
SHEETING DIMENSIONS SHOWN



1 1/2"  
CHANNEL &  
SHEETING  
(BY OTHERS)

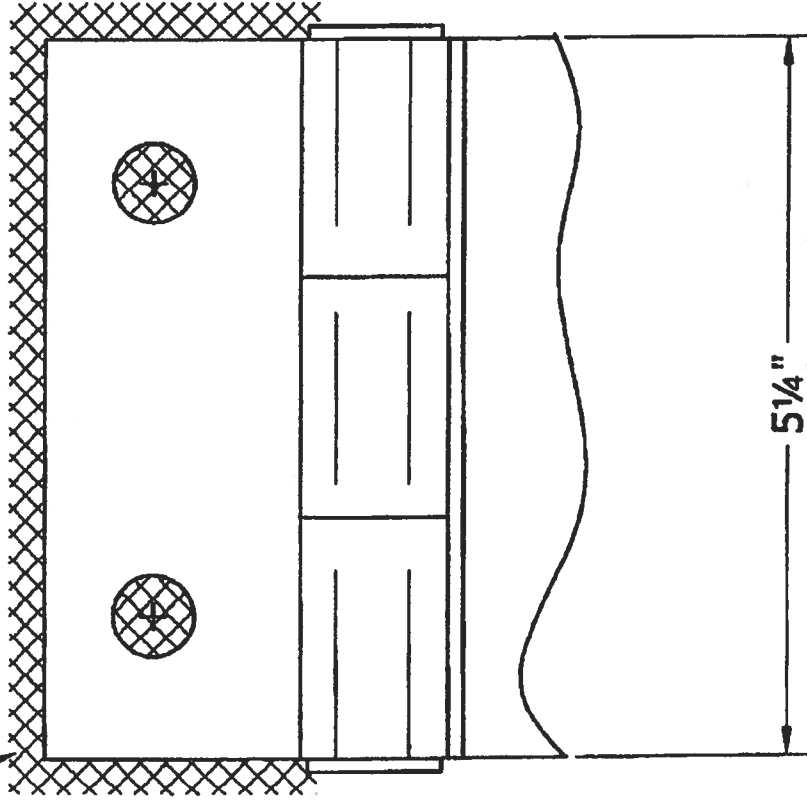
DRAWN 10-02-98  
CUSTOMER

OPEN DOOR CLEARANCE - TYPICAL

WELLS-BUILT  
INDUSTRIES

CONTINUOUS WELD PERIMETER  
OF HINGE TO BUILDING STEEL

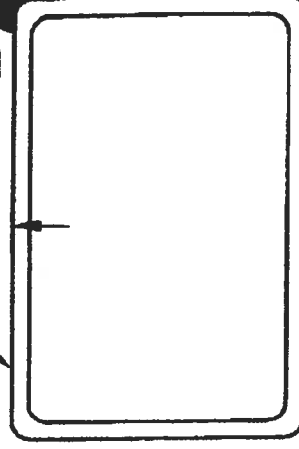
BUILDING HEADER OR  
STUB DOWN



PLUG WELD HOLES

APPROX. 2"

TOP OF DOOR



5 1/4"

1/4"

**WELL BILT INDUSTRIES**

TEL: 352-528-5566 FAX: 352-528-5614

**HINGE MOUNTING INSTALLATION  
DETAILS**

DRAWN:  
K.MARTIN

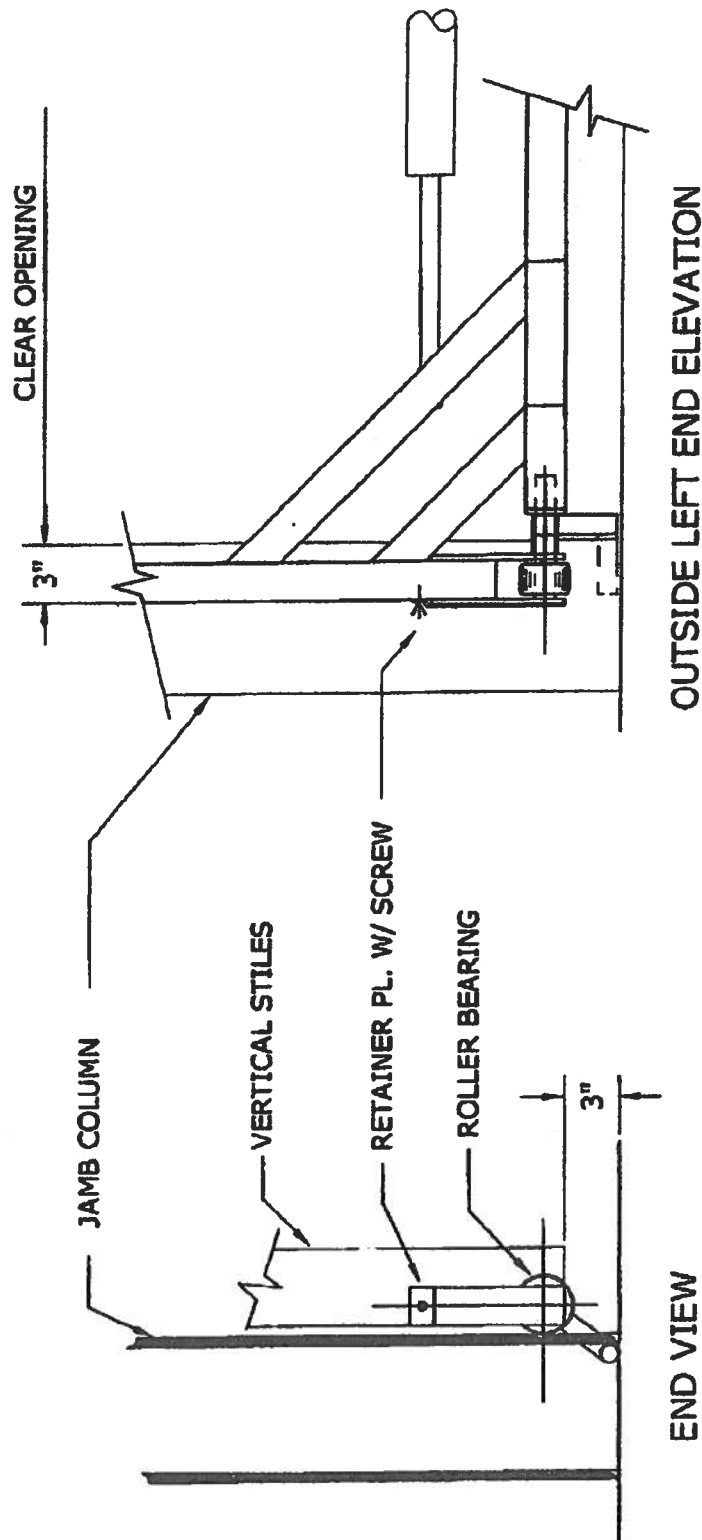
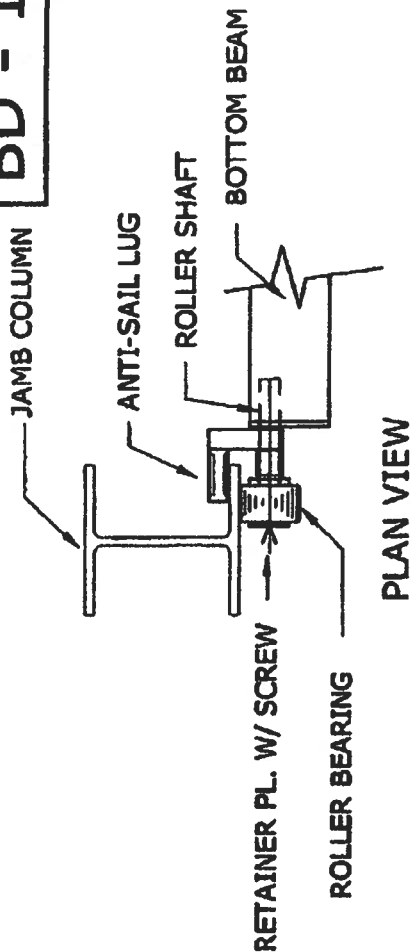
DATE:  
05-24-04

BD - 112

# **INSTRUCTIONS WHEN INSTALLING DOOR**

REMOVE RETAINER PLATE SCREW FROM  
BOTH ENDS OF DOOR.  
SLIDE SHAFT OUT FAR ENOUGH TO  
REMOVE ANTI SAIL LUG.

WHEN DOOR IS PERMANENTLY  
ATTACHED TO BUILDING - REVERSE  
PROCEDURE.



END VIEW

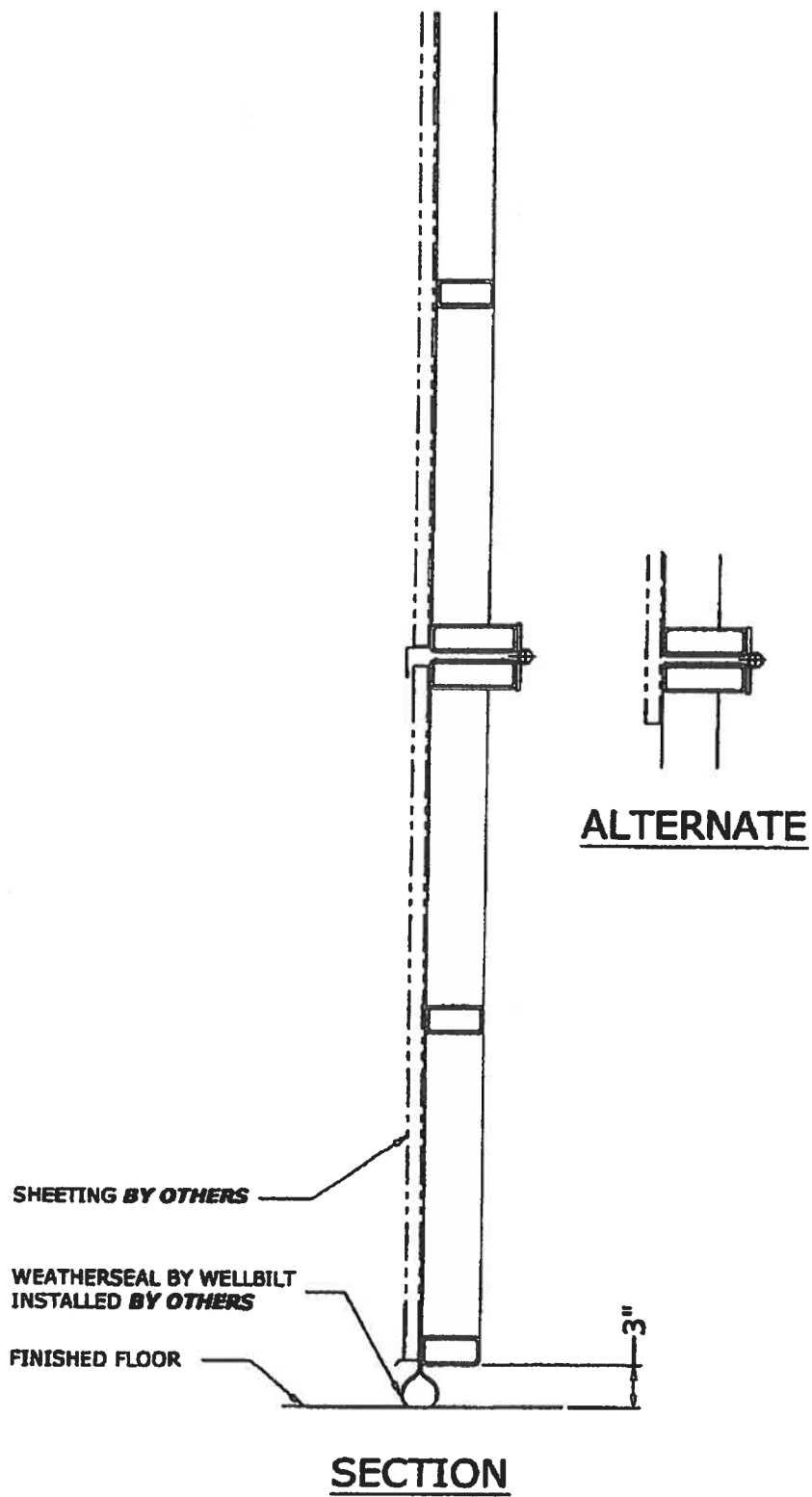
**WELL BILT INDUSTRIES**

TEL: 352-528-5566 FAX: 352-528-5614

## **ANTI SAIL INSTALLATION DETAILS**

DRAWN:  
K. MARTIN

DATE:  
02-03-04



DRAWN: K. MARTIN

DATE: 11-16-04

BI-FOLD SHEETING INSTALLATION

WELL BILT INDUSTRIES

TEL: 352-528-5566 FAX: 352-528-5614

**CERTIFICATE OF OCCUPANCY**

**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-16-02941-103

Building permit No. 000024348

Use Classification HANGER

Fire: 0.00

Permit Holder DOUG EDGLEY

Waste: \_\_\_\_\_

Owner of Building ARTHUR HUTCHISON/ANN BORMOLINI

Total: 0.00

Location: 359 SW BROTHERS LANE, LAKE CITY, FL

Date: 02/23/2007

*Harry Dicks* by *6* Building Inspector



**POST IN A CONSPICUOUS PLACE**  
*(Business Places Only)*