

DATE 08/10/2007

Columbia County Building Permit

PERMIT
000026121

This Permit Expires One Year From the Date of Issue

APPLICANT JOSH THOMAS PHONE 755-8887
ADDRESS 2109 W US HIGHWAY 90 LAKE CITY FL 32055
OWNER THOMAS & SHERRY SELMAN PHONE 352 302-1307
ADDRESS 297 SE LEROY COURT LAKE CITY FL 32025
CONTRACTOR CONCEPT CONSTRUCTION OF NORTH PHONE 755-8887
LOCATION OF PROPERTY 441S, TL ON CR 349, VERE LEFT ONTO LEROY COURT,
3RD LOT ON LEFT
TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 67500.00
HEATED FLOOR AREA 1350.00 TOTAL AREA 1488.00 HEIGHT STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING A-3 MAX. HEIGHT 16
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 26-5S-17-09392-000 SUBDIVISION
LOT BLOCK PHASE UNIT TOTAL ACRES
000001432 CBC1251118
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
CULVERT 07-603-N BK JH Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident
COMMENTS: NOC ON FILE, ONE FOOT ABOVE THE ROAD, EXISTING 3 DWELLINGS
TO BE REMOVED BEFORE CO IS ISSUED
Check # or Cash 2002

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 \$ 340.00 CERTIFICATION FEE \$ 7.44 SURCHARGE FEE \$ 7.44
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEES \$ 25.00 CULVERT FEE \$ 25.00 TOTAL FEE 454.88
INSPECTORS OFFICE CLERKS OFFICE

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

Return to: *Laura Tith*
619 SW Baya Pl. #102
Lake City FL 32025
#07.0198

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
 COUNTY OF: Columbia

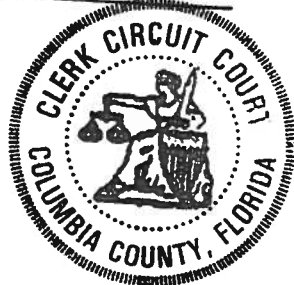
Inst: 200712014663 Date: 7/2/2007 Time: 2:20 PM
 DC, P. DeWitt Cason, Columbia County Page 1 of 1

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:

1. Description of Property: Long Legal N/A
 297 SE Leroy Court Lake City, FL 32025
The West 10 Acres of the NW 1/4 of the NW 1/4, Section 26, Township 5 S, Range 17 E, Columbia County, Florida.
2. General Description of Improvements: Residential Construction
3. Name and Address of Owner: **Thomas Selman & Sherry Selman**
 297 SE Leroy Court
 Lake City, FL 32025
- Interest in Property: Fee Simple
- Name and Address of Fee Simple Titleholder (If other than owner): N/A
4. Name and Address of Contractor: Concept Construction Of North Florida
 2109 W. US HWY 90, Suite 170-144
 Lake City, FL 32055
5. Name and Address of Surety or payment bond, if any, and amount of such bond: N/A
 Amount of Bond: \$0
6. Name and Address of Lender: **MERCANTILE BANK**
 425 22nd Avenue North
 St. Petersburg, FL 33704
 Attention: Sara Lopez
7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13 (1)(b), Florida Statutes:
MERCANTILE BANK
 425 22nd Avenue North
 St. Petersburg, FL 33704
 Attention: Sara Lopez
8. In addition to himself, Owner designates _____ of _____ to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.
9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified).

STATE OF FLORIDA, COUNTY OF COLUMBIA
 I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
 P. DeWITT CASON, CLERK OF COURTS
 By: *Sharon Feagle*
 Deputy Clerk

Date: *07-02-2007*



OWNER: Thomas Selman & Sherry Selman

Thomas Selman
Sherry Selman

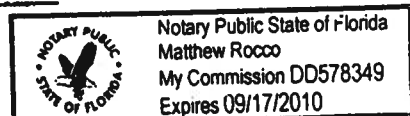
STATE OF FLORIDA
 COUNTY OF: Columbia

I HEREBY CERTIFY that before me personally appeared *Thomas Selman & Sherry Selman* to me personally known or who has produced _____ as identification, known to me to be the person described in and who executed the foregoing instrument, and severally acknowledged the execution thereof to be his free act and deed, for the uses and purposes therein expressed.

WITNESS my hand and official seal at *Lake City FL*, said County and State, this *28th* day of *June*, 2007.

Notary Public
 Print Name: _____

My Commission Expires: _____



Columbia County Building Permit Application

For Office Use Only Application # 0707-30 Date Received 7/10/07 By CH Permit # 1432/26121

Application Approved by - Zoning Official BLK Date 10.08.07 Plans Examiner OK JTH Date 7-11-07

Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3

Comments Exist 3 dwellings to be removed before CO being Issued

☒ NOC ☒ EH ☒ Deed or PA ☒ Site Plan ☒ State Road Info ☐ Parent Parcel # ☐ Development Permit

Called on 7-10-07 and requested info. LH

Name Authorized Person Signing Permit Josh Thomas Phone (386) 755-8887

Address 2109 W. US Hwy. 90 St. 170-144 Lake City, FL 32055

Owners Name Thomas Selman & Sherry Selman Phone (352) 302-1307

911 Address 297 SE Leroy Ct. Lake City, FL 32025

Contractors Name Concept Construction of North Florida, Inc. Phone (386) 755-8887

Address 2109 W. US Hwy. 90 St. 170-144 Lake City, FL 32055

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address Mark Disoway, PE P.O. Box 868 Lake City, FL 32056

Mortgage Lenders Name & Address Mercantile Bank 425 22nd Ave. N. St. Petersburg, FL 33704

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy

Property ID Number R09392-000 (26-55-17) Estimated Cost of Construction \$109,500.00

Subdivision Name N/A Lot Long Block _____ Unit _____ Phase _____

Driving Directions 441 South through wason city - Turn Left on CR 349 then veer left onto Leroy Ct. - Job Site on Left

Type of Construction Residential Number of Existing Dwellings on Property none

Total Acreage 10.000 Lot Size _____ Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 50' Side 50 min Side 50 min Rear 100 min

Total Building Height 16' 8" Number of Stories 1 Heated Floor Area 1350 sq. ft. Roof Pitch 6/12

TOTAL 1498

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.

Owner Builder or Authorized Person Notarized

STATE OF FLORIDA
COUNTY OF COLUMBIA



Sworn to (or affirmed) and subscribed before me
this 9th day of July 2007.
Personally known ✓ or Produced Identification _____

Contractor Signature
Contractors License Number CBC 1251118
Competency Card Number _____
NOTARY STAMP/SEAL

Janet L. Cheek
Notary Signature (Revised Sept. 2006)

MERCANTILE BANK 06613 Fax:386-754-0035

Jun 14 2007 09:31am P006/007

②
 Prepared by:
 Elaine R. Davis / Megan Marable
 American Title Services of Lake City, Inc.
 321 SW Main Boulevard, Suite 105
 Lake City, Florida 32025

File Number: 07-203

Inst:2007810606 Date:05/11/2007 Time:12:00
 Doc Stamp-Deed : 525.00
 DC, P. Dewitt Cason, Columbia County B:1118 P:2785

Warranty Deed

Made this May 10, 2007 A.D.

By Cantave Delice and Ginette Delice, husband and wife, 123 North Congress Street, Apt. 143, Boynton Beach, Florida 33426, hereinafter called the grantor,

to Thomas Selman and Sherry Selman, husband and wife, whose post office address is: 297 SE Terry Court, Lake City, Florida 32025, hereinafter called the grantee:

(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

Witnesseth, that the grantor, for and in consideration of the sum of Ten Dollars, (\$10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

TOWNSHIP 5 SOUTH, RANGE 17 EAST

SECTION 26: THE WEST 10 ACRES OF THE NW 1/4 OF THE NW 1/4 OF SECTION 26, TOWNSHIP 5 SOUTH, RANGE 17 EAST. IN COLUMBIA COUNTY, FLORIDA

Said property is not the homestead of the Grantor(s) under the laws and constitution of the State of Florida in that neither Grantor(s) or any members of the household of Grantor(s) reside thereon.

Parcel ID Number: R09392-000

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 grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants 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, 2006.

MERCANTILE BANK 08813 Fax:386-754-0035

Jun 14 2007 09:31am P007/007

Prepared by:

Elaine R. Davis / Megan Marable
 American Title Services of Lake City, Inc.
 321 SW Main Boulevard, Suite 105
 Lake City, Florida 32025

File Number: 07-203

Inst:2007010605 Date:05/11/2007 Time:12:00

Doc Stamp-Deed : 525.00

PC, P. Dewitt Cason, Columbia County B:1116 P:2786

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

Signed, sealed and delivered in our presence:

James E. Thelwell
 Witness Printed Name: James E. Thelwell

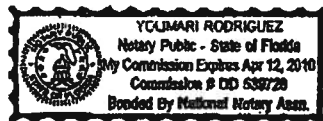
Rengando Marcellus
 Witness Printed Name: Rengando Marcellus

State of Florida
 County of Palm Beach

Cantave Delice (Seal)
 Cantave Delice
 Ave
 Address: 123 North Congress Street, Apt. 143, Boynton Beach,
 Florida 33426

Ginette Delice (Seal)
 Ginette Delice
 Address:

The foregoing instrument was acknowledged before me this 10th day of May, 2007, by Cantave Delice and Ginette Delice, husband and wife, who is/are personally known to me or who has produced Drivers License as identification.



Yolimar Rodriguez
 Notary Public
 Print Name: Yolimar Rodriguez
 My Commission Expires: 4/12/10

Exhibit "A"

File Number: 07-0220

Commence at the Southwest corner of the Northeast $\frac{1}{4}$ of Section 1, Township 3 South, Range 15 East, Columbia County, Florida and run North $89^{\circ}47'07''$ East along the South line of said Northeast $\frac{1}{4}$ of Section 1, a distance of 15.00 feet; thence North $34^{\circ}14'51''$ East a distance of 291.81 feet to the Point of Beginning; thence continue North $34^{\circ}14'51''$ East a distance of 818.54 feet to a point on the Southerly Right of Way line of NW Lower Springs Road; thence South $55^{\circ}14'54''$ East along said Southerly Right of Way line of NW Lower Springs Road a distance of 227.14 feet; thence South $19^{\circ}05'16''$ West a distance of 577.15 feet; thence South $89^{\circ}47'07''$ West a distance of 458.54 feet to the Point of Beginning.

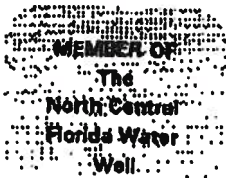
Subject To a 20 foot easement, for ingress and egress purpose, lying 10 feet left and 10 feet right of the following described centerline:

COMMENCE at the Southwest corner of the Northeast $\frac{1}{4}$ of Section 1, Township 3 South, Range 15 east, Columbia County, Florida and run North $89^{\circ}47'07''$ East along the South line of said Northeast $\frac{1}{4}$ of Section 1 a distance of 15.00 feet; thence North $34^{\circ}14'51''$ East a distance of 291.81 feet; thence North $89^{\circ}47'07''$ East a distance of 423.20 feet to the POINT OF BEGINNING; thence North $20^{\circ}12'28''$ East a distance of 464.43 feet; thence North $14^{\circ}46'17''$ East a distance of 133.49 feet to a point on the Southerly Right-of-Way line of NW Lower Springs Road and the TERMINAL POINT of herein described center line and easement.

File Number: 07-0220

Legal Description with Non Homestead

Closer's Choice



Clyatt Well Drilling, Inc.
(Established in 1971)
POST OFFICE BOX 180
WORTHINGTON SPRINGS, FLORIDA 32697



Telephone Number (386)496-2488
FAX Number (386)496-4640

June 18, 2002

Columbia County Building Department
Post Office Box 1529
Lake City, Florida 32056

To Whom It May Concern:

As required by building code regulations for Columbia County in order that a building permit can be issued, the following well information is provided with regard to the above-referenced well:

Size of Pump Motor:	1-1/2 Horse Power
Size of Pressure Tank:	220 Gallon Equivalent
Cycle Stop Valve Used:	No

Should you require any additional information, please do not hesitate to contact us.

Respectfully,

CLYATT WELL DRILLING, INC.

K. Melaine "Red" Clyatt
President

Clyatt Well Drilling, Inc.
(Established in 1971)
POST OFFICE BOX 180
WORTHINGTON SPRINGS, FLORIDA 32697

Telephone Number (386)496-2488
FAX Number (386)496-4640

K. Melina
"Red" Clyatt

**PUMP AND TANK SPECIFICATIONS FOR
STANDARD 4" RESIDENTIAL WELLS**

PUMPS

1 Horse Power Submersible Pump
20 Gallons Per Minute
Voltage: 240
Phase: (Single) 1

1.5 Horse Power Submersible Pump
25 Gallons Per Minute
Voltage: 240
Phase: (Single) 1

TANK

WF-255 Captive Air Tank
Capacity 81 Gallons
Equivalent 220 Gallons
Draw Down 25 Gallons



Columbia County, Florida Planning & Zoning Department

Review of Building Permit for compliance with
County's Comprehensive Plan and
Land Development Regulations

To: Josh Thomas

Fax: 386.755.1919

From : Brian L. Kepner, County Planner

Fax: 386.758.2160

Number of pages : 1

Date : 17 July 2007

RE: Building Permit Application 0707-30, Thomas and Sherry Selman

Dear Josh:

A site plan s needed in order to proceed with the above referenced build permit application. There are floods zones located on this property, so please be very detailed with the location of the proposed house and he distances from the property lines. In addition, before the permit can be issued a signed site plan release from environmental health is required.

If you have any questions concerning this matter, please do not hesitate to contact me at 386.758.1007.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian L. Kepner", with a long horizontal stroke extending to the right.

Brian L. Kepner
Land Development Regulation Administrator,
County Planner

Confidentiality Notice: This facsimile transmission is confidential and is intended only for the review of the party to whom it is addressed. It may contain proprietary and/or privileged information protected by law. If you are not the intended recipient, you may not use, copy or distribute this facsimile message or its attachments. If you have received this transmission in error, please immediately telephone the sender above to arrange for its return.

Columbia County Property Appraiser

DB Last Updated: 5/11/2007

Parcel: 26-5S-17-09392-000

2007 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	CANTAVE DELICE & GINETTE		
Site Address	LEROY		
Mailing Address	812 NW 8TH AVE BOYNTON BEACH, FL 33426		
Use Desc. (code)	PARKING/MH (002802)		
Neighborhood	25517.00	Tax District	3
UD Codes	MKTA02	Market Area	02
Total Land Area	10.000 ACRES		
Description	THE W 10 AC OF NW1/4 OF NW1/4. PROB #98-53-CP ORB 856-1233 THRU 1236, 865-879, 865-880, 891-578 & ORB 1019-088		

GIS Aerial



Property & Assessment Values

Mkt Land Value	cnt: (2)	\$32,390.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (3)	\$5,490.00
XFOB Value	cnt: (3)	\$16,200.00
Total Appraised Value		\$54,080.00

Just Value	\$54,080.00
Class Value	\$0.00
Assessed Value	\$54,080.00
Exempt Value	\$0.00
Total Taxable Value	\$54,080.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
5/28/2004	1019/88	WD	I	U	01	\$29,900.00
10/28/1999	891/578	WD	I	Q		\$43,000.00
8/29/1998	865/879	WD	I	Q		\$23,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	MOBILE HME (000800)	1968	Below Avg. (03)	652	772	\$2,419.00
2	MOBILE HME (000800)	1970	Below Avg. (03)	460	544	\$1,573.00
3	MOBILE HME (000800)	1970	Below Avg. (03)	420	504	\$1,498.00
Note: All S.F. calculations are based on exterior building dimensions.						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0259	MHP HOOKUP	0	\$14,400.00	3.000	0 x 0 x 0	(.00)
0294	SHED WOOD/	1993	\$800.00	1.000	0 x 0 x 0	(.00)
0285	SALVAGE	2006	\$1,000.00	1.000	0 x 0 x 0	(.00)

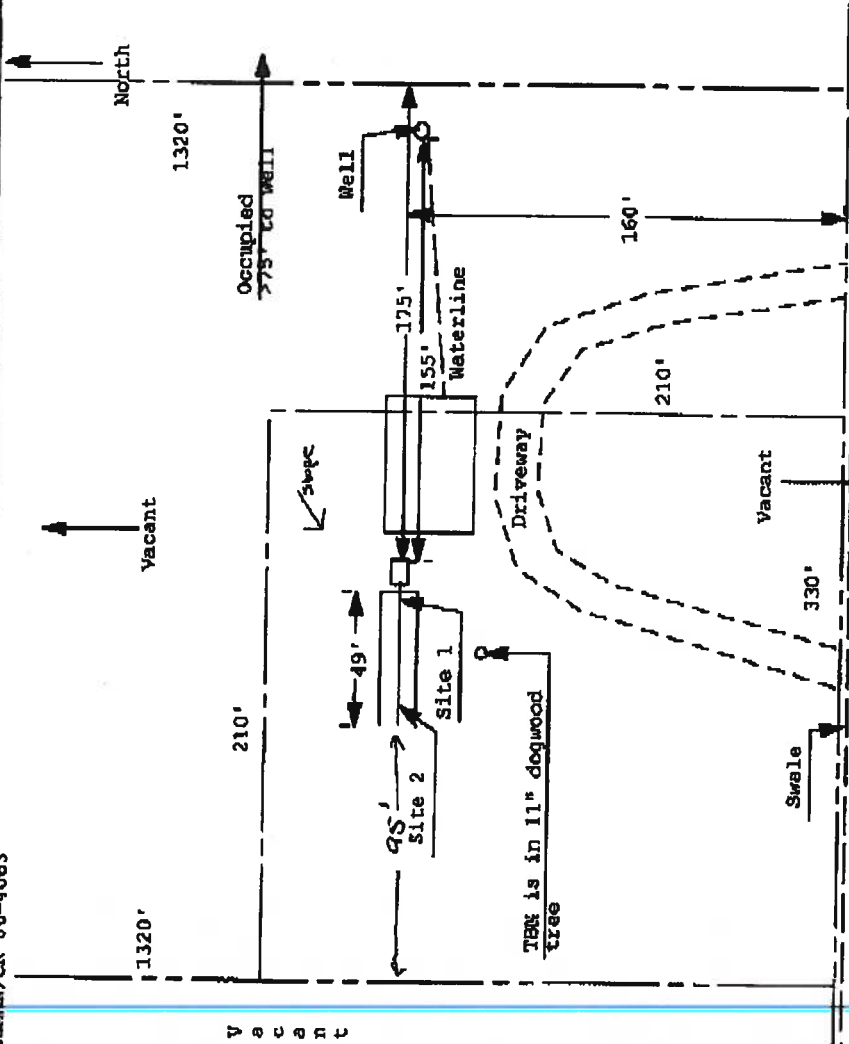
Land Breakdown

Thomas Selman 07-07-30

Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 07-0603-A

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

SELMAN/CR 06-4063



1 inch = 50 feet

Site Plan Submitted By Paul Selman Date 7/19/07

Plan Approved Not Approved Date 7/23/07

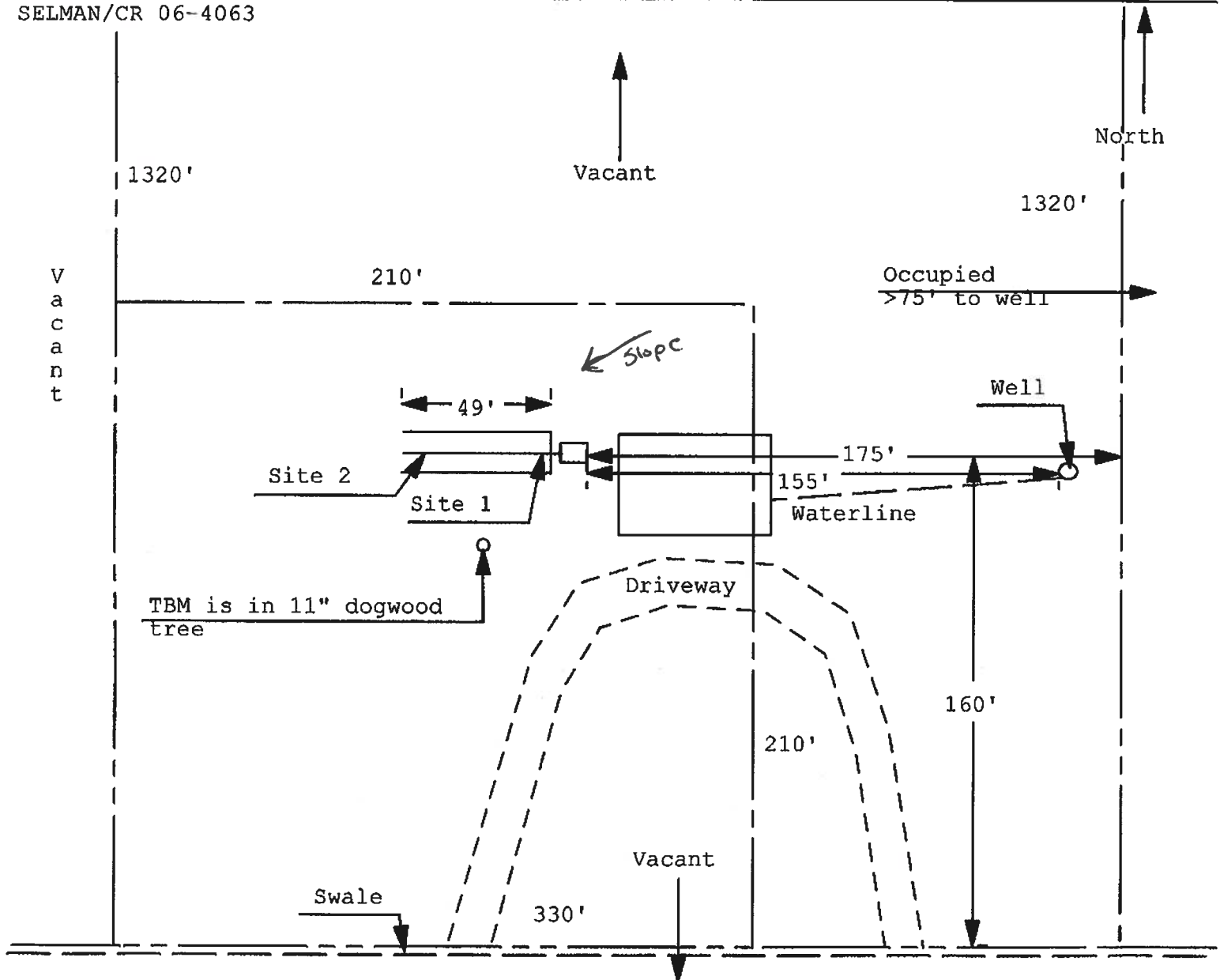
By Thomas Selman Colubian CPRU

Notes:

Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 07-0603-N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

SELMAN/CR 06-4063

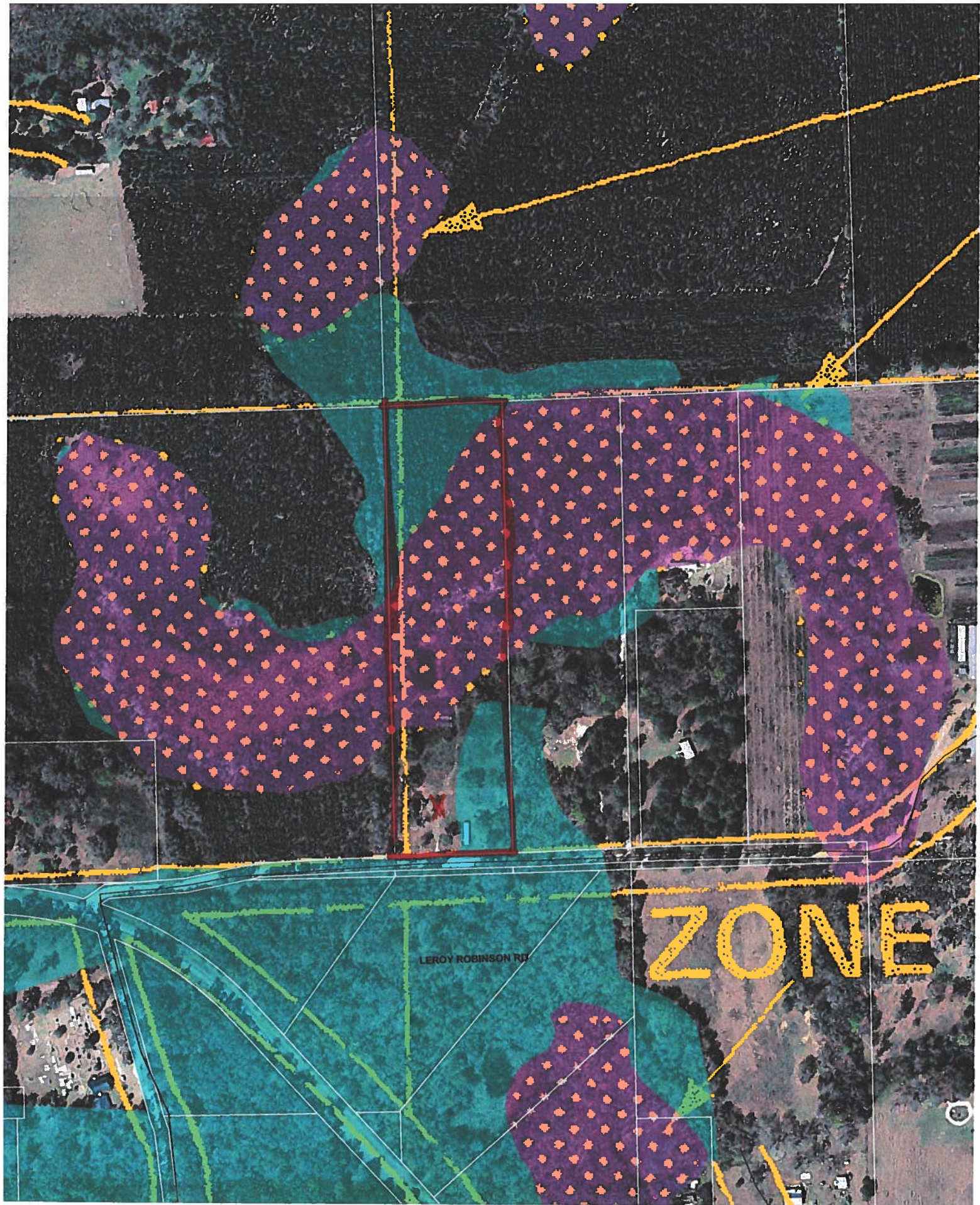


1 inch = 50 feet

Site Plan Submitted By Paul Lep Date 7/19/07
Plan Approved ☒ Not Approved ☐ Date 7/30/07

By Ma o du Columbia CPHU

Notes: _____



0707-30

FORM 600A-2004R

EnergyGauge® 4.5

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name: SELMAN	Builder: CONCEPT CONST..
Address:	Permitting Office: <i>Columbia</i>
City, State:	Permit Number: <i>26121</i>
Owner:	Jurisdiction Number: <i>221000</i>
Climate Zone: North	

1. New construction or existing New ☐ 2. Single family or multi-family Single family ☐ 3. Number of units, if multi-family 1 ☐ 4. Number of Bedrooms 3 ☐ 5. Is this a worst case? Yes ☐ 6. Conditioned floor area (ft²) 1350 ft² ☐ 7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default) a. U-factor: Description Area (or Single or Double DEFAULT) 7a. (Dble Default) 110.0 ft² ☐ b. SHGC: (or Clear or Tint DEFAULT) 7b. (Clear) 110.0 ft² ☐ 8. Floor types a. Slab-On-Grade Edge Insulation R=0.0, 154.0(p) ft² ☐ b. N/A ☐ c. N/A ☐ 9. Wall types a. Frame, Wood, Exterior R=13.0, 1125.0 ft² ☐ b. N/A ☐ c. N/A ☐ d. N/A ☐ e. N/A ☐ 10. Ceiling types a. Under Attic R=30.0, 1350.0 ft² ☐ b. N/A ☐ c. N/A ☐ 11. Ducts a. Sup: Unc. Ret: Unc. AH: Interior Sup. R=6.0, 155.0 ft² ☐ b. N/A ☐	12. Cooling systems a. Central Unit Cap: 30.6 kBtu/hr ☐ SEER: 13.00 ☐ b. N/A ☐ c. N/A ☐ 13. Heating systems a. Electric Heat Pump Cap: 28.2 kBtu/hr ☐ HSFP: 8.00 ☐ b. N/A ☐ c. N/A ☐ 14. Hot water systems a. Electric Resistance Cap: 40.0 gallons ☐ EF: 0.92 ☐ b. N/A ☐ c. Conservation credits ☐ (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits ☐ (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)
--	--

Glass/Floor Area: 0.08

Total as-built points: 18085

Total base points: 20887

PASS

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

PREPARED BY: **SUNCOAST INSULATORS**
825 NW 26th Terrace
Newberry, FL 32569
(904) 472-2222
Fax (904) 472-2222

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

OWNER/AGENT: _____
 DATE: _____

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.008 Florida Statutes.



BUILDING OFFICIAL: _____
 DATE: _____

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

FORM 600A-2004R

EnergyGauge® 4.5

SUMMER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Omt Len Hgt		Area X SPM X SOF = Points				
.18	1360.0	18.69	4617.0	1.Double, Clear	NE	2.0	6.0	60.0	29.56	0.86	1530.0
				2.Double, Clear	SE	2.0	6.0	47.0	42.75	0.80	1612.0
				3.Double, Clear	NW	2.0	6.0	3.0	25.97	0.87	68.0
				As-Built Total:		110.0				3210.0	
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior	13.0		1125.0	1.50		1687.5	
Exterior	1125.0	1.70	1912.5								
Base Total:				As-Built Total:		1125.0				1687.5	
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	0.0	0.00	0.0	1.Exterior Insulated	72.0 4.10 295.2						
Exterior	72.0	6.10	439.2								
Base Total:				As-Built Total:		72.0 285.2					
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1350.0	1.73	2335.5	1. Under Attic	30.0		1350.0	1.73 X 1.00		2335.5	
Base Total:				As-Built Total:		1350.0 2335.5					
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	154.0(p)	-37.0	-5698.0	1. Slab-On-Grade Edge Insulation	0.0		154.0(p)	-41.20		-6344.8	
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:		154.0 -6344.8					
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
1350.0 10.21 13783.5				1350.0 10.21 13783.5							

FORM 600A-2004R

EnergyGauge® 4.5

SUMMER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: , , ,

PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 17289.7			Summer As-Built Points: 14966.9					
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 30600btuh ,SEER/EFF(13.0) Ducts:Uno(S),Uno(R),Int(AH),RS.0(IN6)					
17289.7	0.3250	5619.2	14967	1.00	(1.09 x 1.147 x 0.91)	0.260	1.000	4427.3
			14966.9	1.00	1.138	0.260	1.000	4427.3

FORM 600A-2004R

EnergyGauge® 4.5

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Omt Len Hgt			Area X WPM X WOF = Points			
.18	1350.0	20.17	4901.0	1. Double, Clear	NE	2.0	6.0	60.0	23.57	1.01	1432.0
				2. Double, Clear	SE	2.0	6.0	47.0	14.71	1.18	812.0
				3. Double, Clear	NW	2.0	6.0	3.0	24.30	1.01	73.0
				As-Built Total:				110.0			2317.0
WALL TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior				13.0	1125.0	3.40	3825.0
Exterior	1125.0	3.70	4162.5								
Base Total:				As-Built Total:				1125.0			3825.0
DOOR TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Adjacent	0.0	0.00	0.0	1. Exterior Insulated				72.0	8.40		604.8
Exterior	72.0	12.30	885.6								
Base Total:				As-Built Total:				72.0			604.8
CEILING TYPES Area X BWPM = Points				Type	R-Value			Area X WPM X WCM = Points			
Under Attic	1350.0	2.05	2767.5	1. Under Attic				30.0	1350.0	2.05 X 1.00	2767.5
Base Total:				As-Built Total:				1350.0			2767.5
FLOOR TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Slab	154.0(p)	8.8	1370.6	1. Slab-On-Grade Edge Insulation				0.0	154.0(p)	18.80	2895.2
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:				154.0			2895.2
INFILTRATION Area X BWPM = Points							Area X WPM = Points				
	1350.0	-0.59	-796.5				1350.0	-0.59			-796.5

FORM 600A-2004R

EnergyGauge® 4.5

WINTER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: , , ,

PERMIT #:

BASE			AS-BUILT					
Winter Base Points: 13290.7			Winter As-Built Points: 11613.0					
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
13290.7	0.5540	7383.0	(sys 1: Electric Heat Pump 26200 btuh, EFF(8.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0 11613.0 1.000 (1.089 x 1.169 x 0.83) 0.426 1.000 5752.9					
13290.7	0.5540	7383.0	11613.0	1.00	1.162	0.426	1.000	5752.9

FORM 600A-2004R

EnergyGauge® 4.5

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier = Total
Number of Bedrooms	X	Multiplier	= Total						
3		2835.00	7905.0	40.0	0.82	3	1.00	2835.00	1.00 7905.0
				As-Built Total:					7905.0

CODE COMPLIANCE STATUS

BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
5619		7363		7905 20887	4427		5753		7905 18085

PASS



FORM 600A-2004R

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Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attic; R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Framed R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.8

The higher the score, the more efficient the home.

....

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 30.6 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft ²)	1350 ft ²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 28.2 kBtu/hr
(or Single or Double DEFAULT) 7a. (Dble Default) 110.0 ft ²			HSPF: 8.00
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT) 7b. (Clear) 110.0 ft ²		c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 154.0(p) ft	a. Electric Resistance	Cap: 40.0 gallons
b. N/A			EF: 0.92
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1125.0 ft ²	(HR-Heat recovery, Solar	
b. N/A		DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CP-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 1350.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unq. Ret: Unq. AH: Interior	Sup. R=6.0, 155.0 ft		
b. N/A			

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

Builder Signature: _____

Date: _____

Address of New Home: _____

City/FL Zip: _____



*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar[®] designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCSB v4.5)

Columbia County Building Department Culvert Permit

Culvert Permit No.
000001432

DATE 08/10/2007 PARCEL ID # 26-5S-17-09392-000
APPLICANT JOSH THOMAS PHONE 755-8887
ADDRESS 2109 W US HIGHWAY 90 LAKE CITY FL 32055
OWNER THOMAS & SHERRY SELMAN PHONE 352 302-1307
ADDRESS 297 SE LEROY COURT LAKE CITY FL 32025
CONTRACTOR CONCEPT CONSTRUCTION OF NORTH FLORIDA PHONE 755-8887
LOCATION OF PROPERTY 441S, TL ON CR 349, VERE LEFT ONTO LEROY COURT,
3RD LOT ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT _____

SIGNATURE

fdl Fran

INSTALLATION REQUIREMENTS



Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
 - b) the driveway to be served will be paved or formed with concrete.
- Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other _____

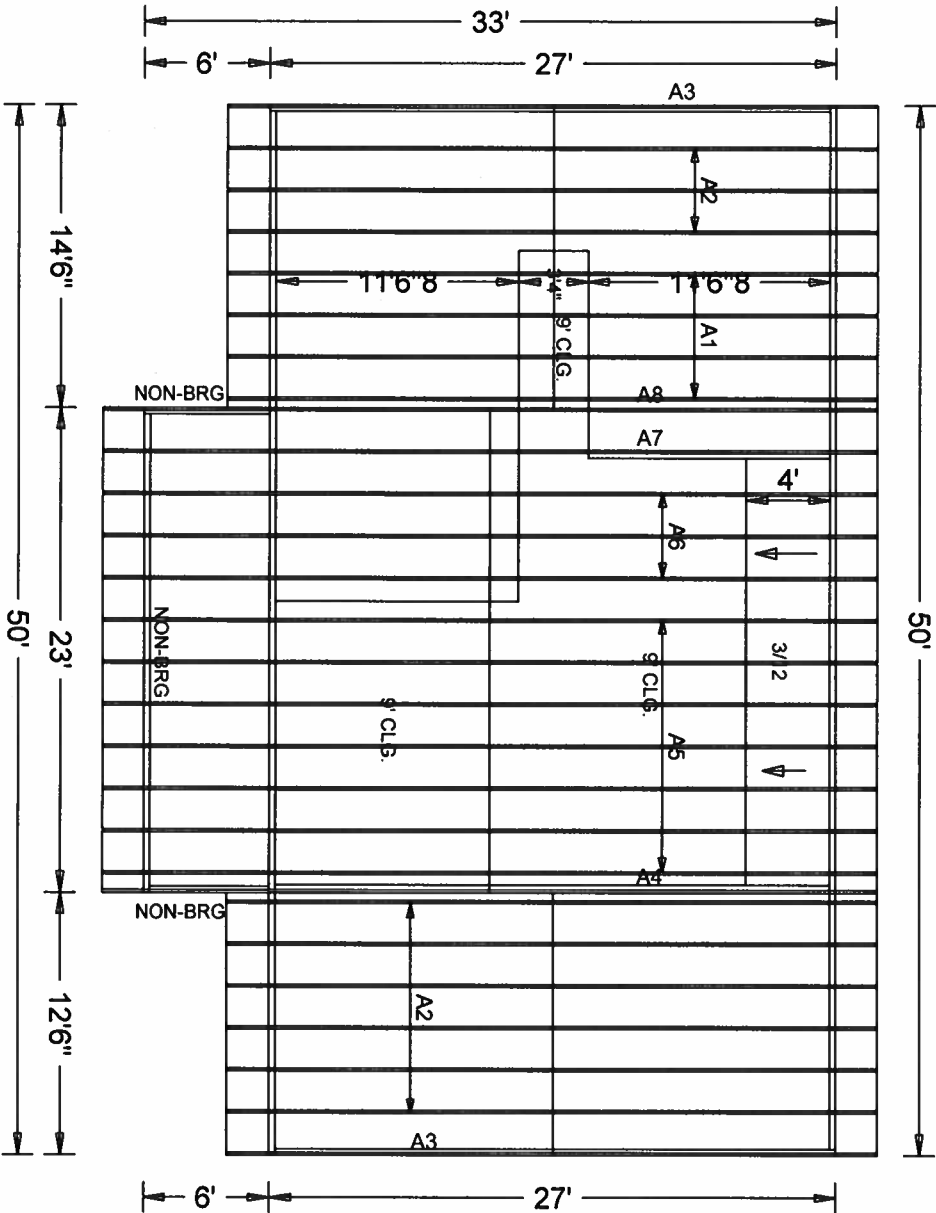
ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED
DURING THE INSTALATION OF THE CULVERT.

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055

Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00





Roof Plane Sheathing Area = 1887 sq. ft
 Gable Sheathing Area = 307 sq. ft
 Total Sheathing Area = 2194 sq. ft
 Fascia Material = 100 linear ft
 Valley Flashing Material = 0 linear ft
 Ridge Cap Material = 50 linear ft
 H

Howland Truss
 610 11th St
 Live Oak, FL 32064
 (386) 362-1235

DATE: 7/2/07
 ROOF PITCH: 6/12
 CLG PITCH: 9' CLGS.-DEFINED AREAS
 OVERHANG: 2'
 LOADING: 40/SHGL
 WIND LOAD: 110
 EXT WALLS: 8' 2X4

PLEASE REVIEW LAYOUT AND
 DRAWINGS CAREFULLY AS
 TRUSSES WILL BE BUILT IN
 STRICT ACCORDANCE WITH
 THIS LAYOUT.

ROOF & FLOOR TRUSS QUOTES
 DO NOT INCLUDE BEAMS,
 LVLS, AND/OR GLULAMS.

Job Name: SELMAN RESIDENCE
 Customer: Concept Construction of N
 Designer: Fill in later

JOB NO:
 4695

PAGE NO:
 1 OF 1

ITW Building Components Group, 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:1T8P215-Z0202115215

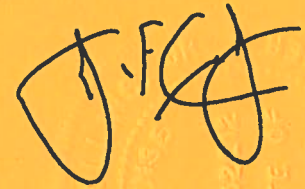
Truss Fabricator: W.B. Howland
Job Identification: 4695-/SELMAN RESIDENCE /Concept Construction of N -- , FL
Truss Count: 8
Model Code: Florida Building Code 2004 and 2006 Supplement
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.36.
Structural Engineer of Record: 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: HCUSR215

Details: A11015EE-GBLLETIN-BRCLBSUB-

#	Ref	Description	Drawing#	Date
1	11011--A1		07183069	07/02/07
2	11012--A2		07183070	07/02/07
3	11013--A3		07183080	07/02/07
4	11014--A4		07183105	07/02/07
5	11015--A5		07183071	07/02/07
6	11016--A6		07183072	07/02/07
7	11017--A7		07183073	07/02/07
8	11018--A8		07183106	07/02/07



Seal Date: 07/02/2007

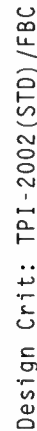
-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844



110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

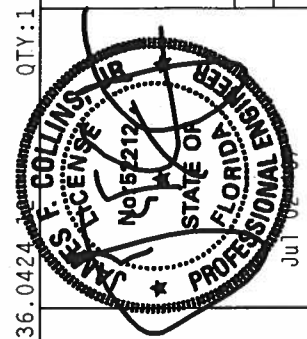
The overall height of this truss excluding overhang is 7-1-3.



QTY:1

Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R215--	11011
TC DL	10.0 PSF	DATE	07/02/07	
BC DL	10.0 PSF	DRW	HCUSR215 07183069	
BC LL	0.0 PSF	HC-ENG	RA/AP *	
TOT.LD.	40.0 PSF	SEQN-	45368	
DUR.FAC.	1.25	FROM	CAW	
SPACING	24.0"	JREF-	1T8P215_Z02	



ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

Top chord	2 x 4	SP	#2 N
Bot chord	2 x 4	SP	#2 N
Web	2 x 4	SP	#2 N

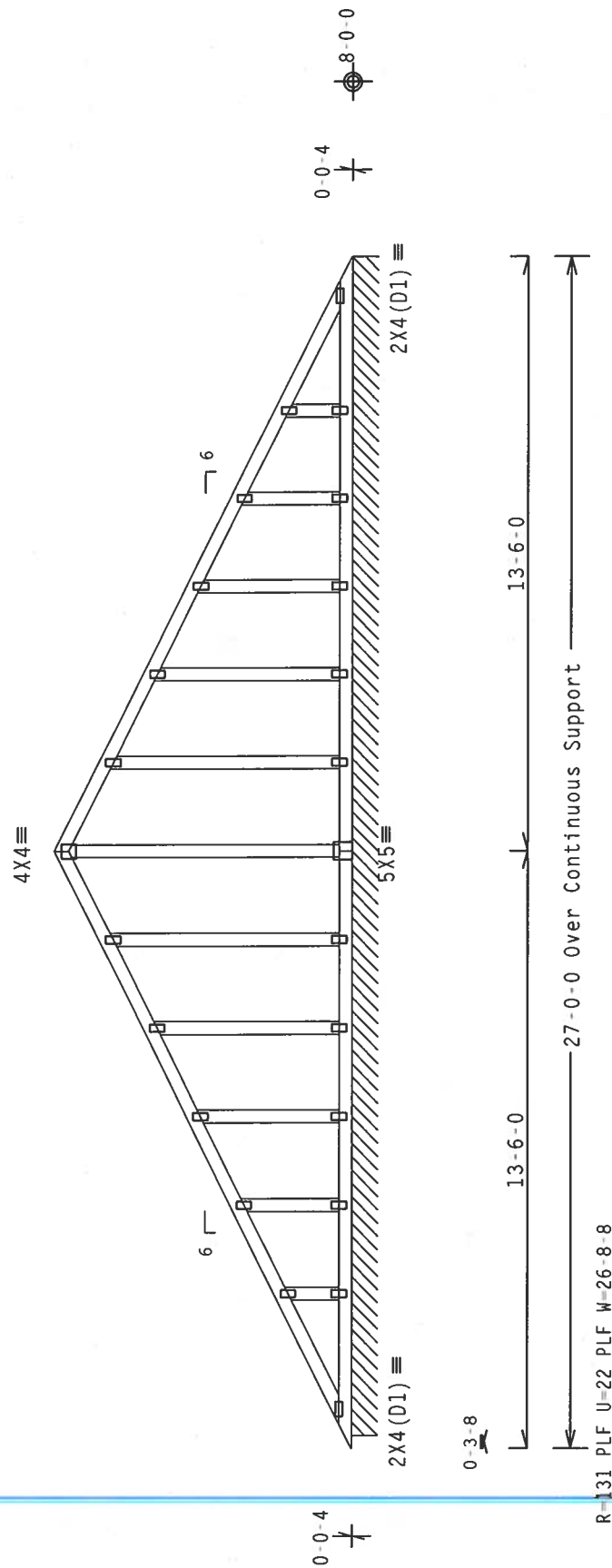
110 mph wind, 15.00 ft mean height, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

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.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/5/-/-/R/- Scale = .25"/Ft.

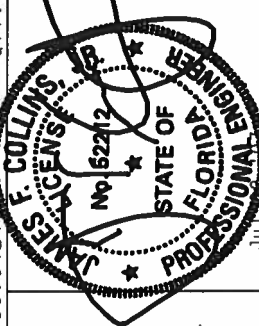
0424 12

 $0(0) \quad 7.$ $C_0/RT=1.00(1.25)/$

PLT TYP. Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO TEST REQUIREMENTS FOR PROPER POSITIONING AND BRACING. THE FOLLOWING INFORMATION IS FOR THE USER'S INFORMATION. 5300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314) AND VICA (VIRGINIA COUNCIL OF AMERICAN TRUSS ENGINEERS, 5300 ENTERPRISE LANE, SUITE 311, 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. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING, OR FRACING OF TRUSSES. THE DESIGNER SHALL BE RESPONSIBLE FOR THE FOLLOWING: (1) PROVIDING THE FOLLOWING DESIGN TO THE INSTALLATION CONTRACTOR: TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18, TP19, TP20, TP21, TP22, TP23, TP24, TP25, TP26, TP27, TP28, TP29, TP30, TP31, TP32, TP33, TP34, TP35, TP36, TP37, TP38, TP39, TP40, TP41, TP42, TP43, TP44, TP45, TP46, TP47, TP48, TP49, TP50, TP51, TP52, TP53, TP54, TP55, TP56, TP57, TP58, TP59, TP60, TP61, TP62, TP63, TP64, TP65, TP66, TP67, TP68, TP69, TP70, TP71, TP72, TP73, TP74, TP75, TP76, TP77, TP78, TP79, TP80, TP81, TP82, TP83, TP84, TP85, TP86, TP87, TP88, TP89, TP90, TP91, TP92, TP93, TP94, TP95, TP96, TP97, TP98, TP99, TP100, TP101, TP102, TP103, TP104, TP105, TP106, TP107, TP108, TP109, TP110, TP111, TP112, TP113, TP114, TP115, TP116, TP117, TP118, TP119, TP120, TP121, TP122, TP123, TP124, TP125, TP126, TP127, TP128, TP129, TP130, TP131, TP132, TP133, TP134, TP135, TP136, TP137, TP138, TP139, TP140, TP141, 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JC LL	20.0	PSF	REF	R215--	11013
TC DL	10.0	PSF	DATE	07/02/07	
BC DL	10.0	PSF	DRW	HCUSR215	07183080
BC LL	0.0	PSF	HC-ENG	RA/AP	
TOT.LD.	40.0	PSF	SEQN-	45384	
DUR.FAC.	1.25		FROM	CAW	
SPACING	24.0"		JREF-	178P215_Z02	

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

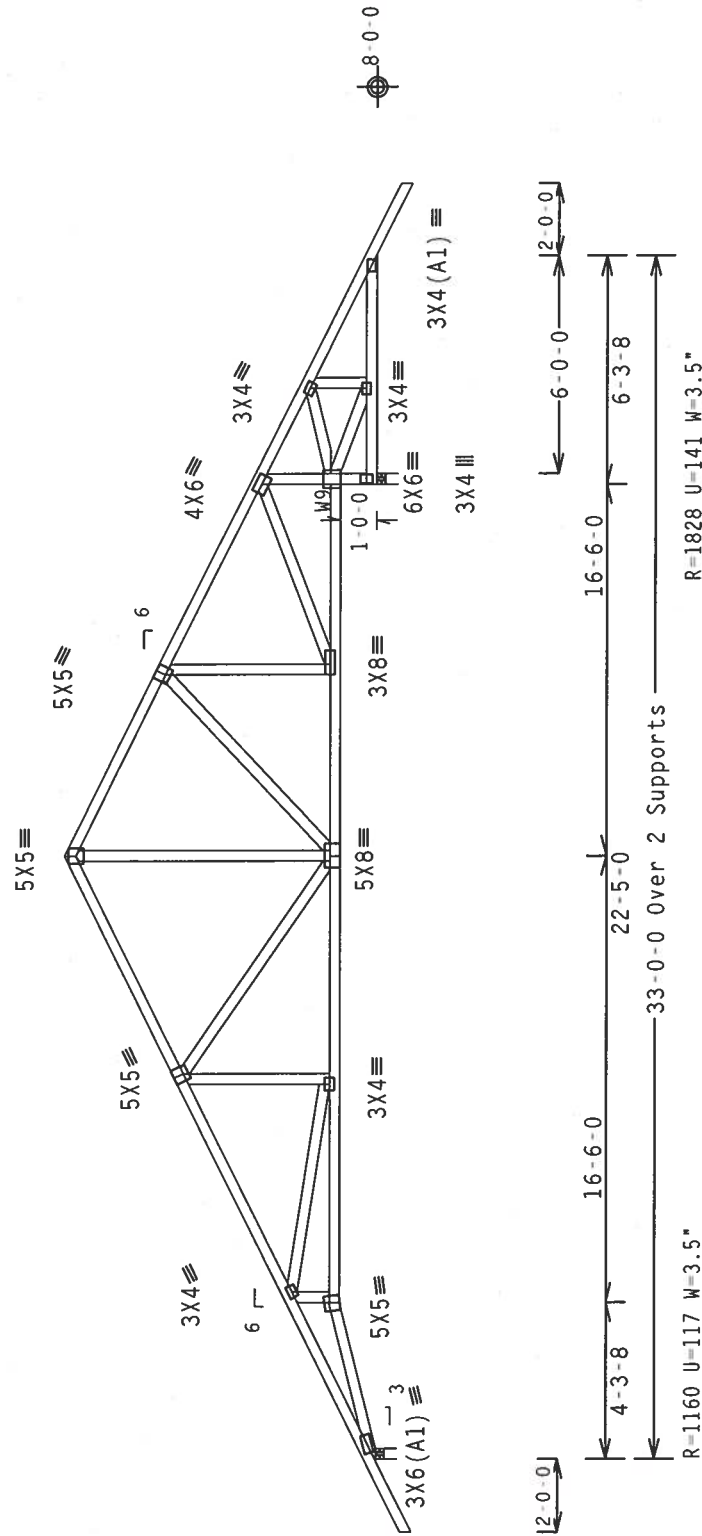
Top chord	2x4	SP	#2 N
Bot chord	2x4	SP	#2 N
webs	2x4	SP	#2 N

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 8-7-3.

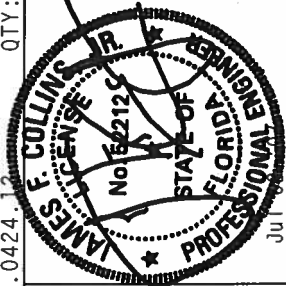


Design Crit: TPI-2002(STD)/FBC

OTY:1 FI / - / 5 / - / - / R / - Scale = 1875" / Ft.

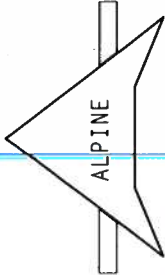
PLT TYP. Wave

TC LL	20.0	PSF	REF	R215--	11015
TC DL	10.0	PSF	DATE	07/02/07	
BC DL	10.0	PSF	DRW	HCUSR215	07183071
BC LL	0.0	PSF	HC-ENG	RA/AP	*
TOT.LD.	40.0	PSF	SEQN-	45379	
DUR.FAC.	1.25		FROM	CAW	
SPACING	24.0"		JREF-	1T8P215_Z02	



*****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSJ (BUILDING COMPONENT SAFETY) AND PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND TCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, 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 PROPERLY ATTACHED RIGID CORNERS.

IMPORTANT: FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DESIGN OR CONSTRUCTION OF THE TRUSS IN COMPLIANCE WITH THE FOLLOWING SPECIFICATIONS. THE DESIGNER OF THE TRUSS IS RESPONSIBLE FOR THE TRUSS DESIGN AND FABRICATING HANDLING, SHIPPING AND UNLOADING. THE TRUSS SHALL BE DESIGNED TO MEET THE REQUIREMENTS OF THE NATIONAL DESIGN SPEC. BY AISC AND TPI. THE TRUSS SHALL BE DESIGNED TO MEET THE REQUIREMENTS OF THE NATIONAL DESIGN SPEC. BY AISC AND TPI. CONNECTOR PLATES ARE MADE OF 20/10/16GA M/25KSI ALUM A653 GRADE 40/60 (M/KH-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. IF 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 COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANS/AIPT1 I SEC. 2.



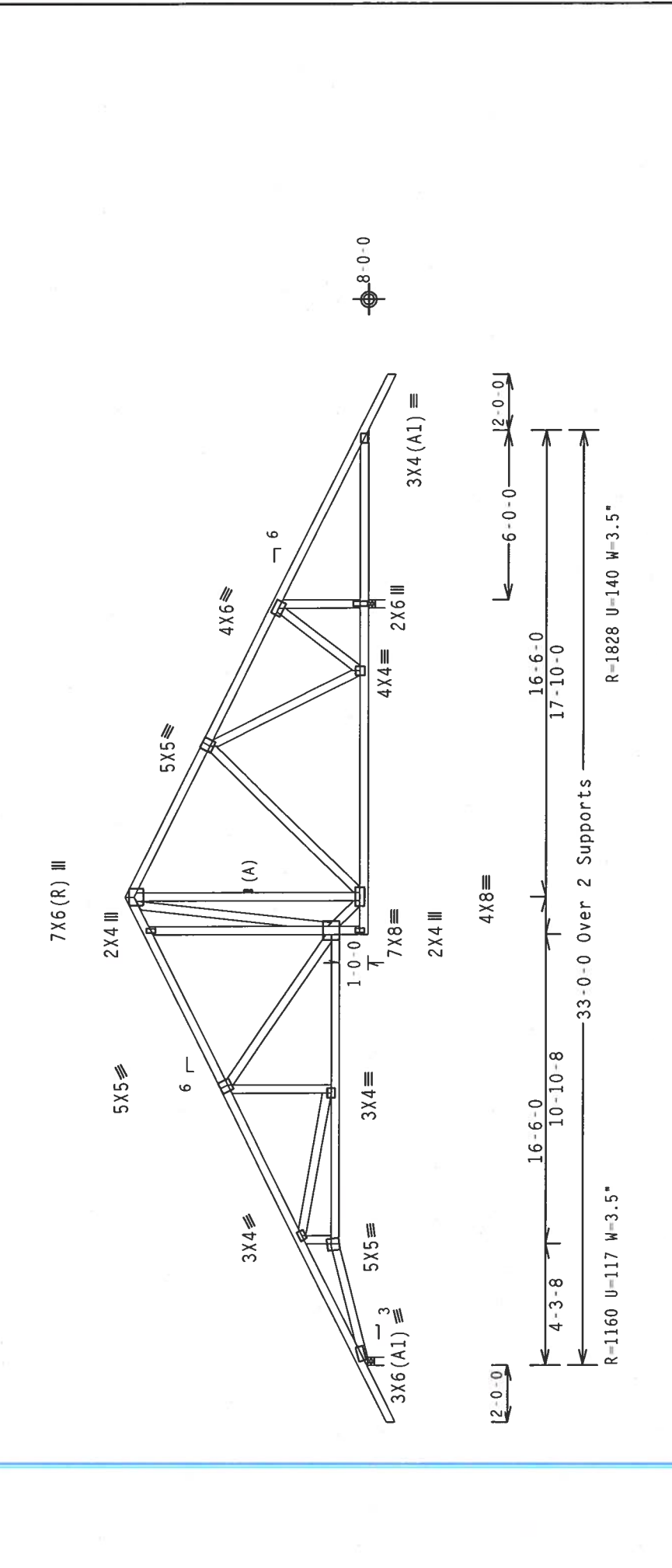
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Haines City, FL 33844
FL Certificate of Authorization # 567

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Wind reactions based on MWFRS pressures.
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

(A) Continuous lateral bracing equally spaced on member.
The overall height of this truss excluding overhang is 8'-7"-3.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424 QTY: 1 FL/-/5/-/-/R/- Scale = .1875"/Ft.

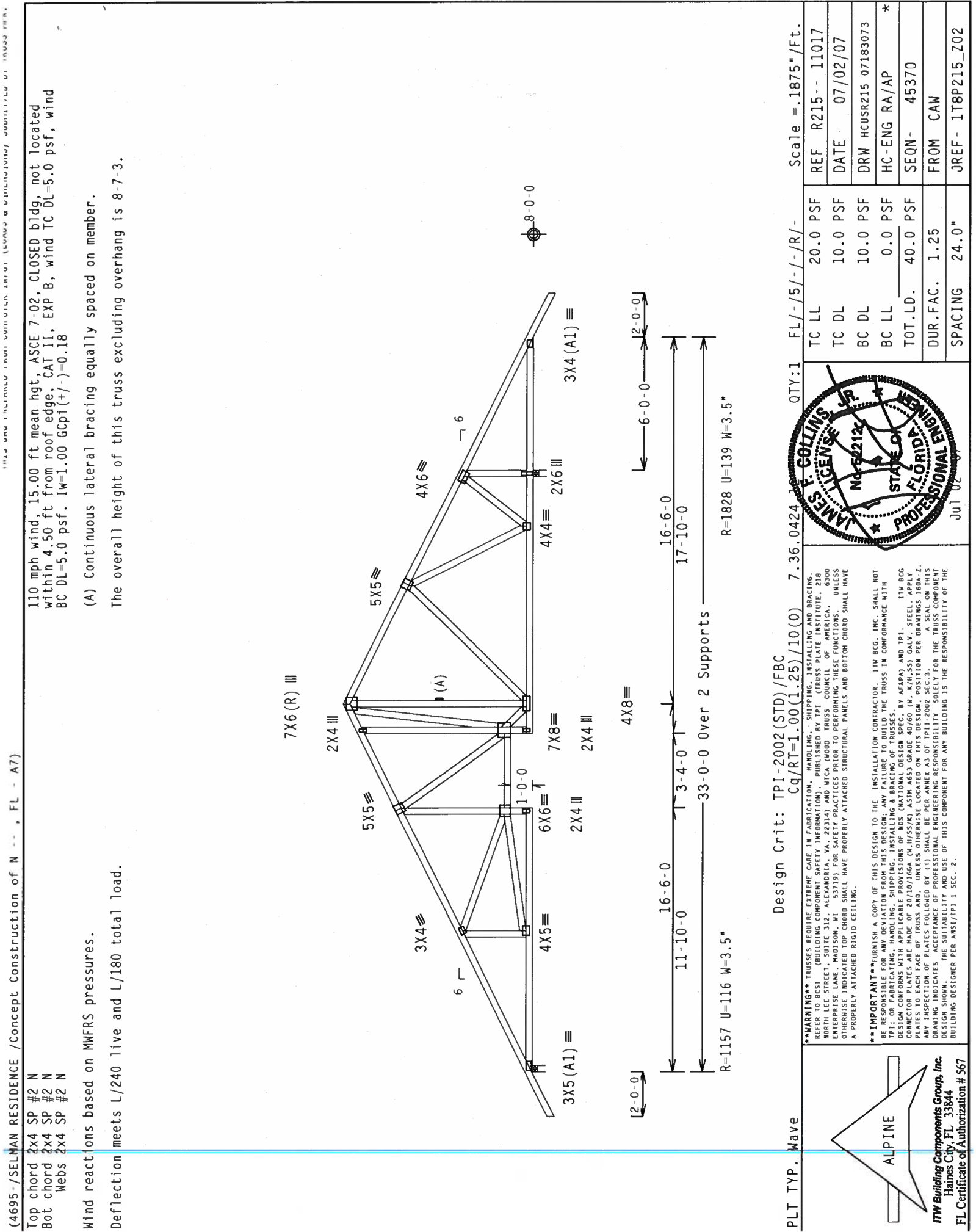
REF R215-- 11016
DATE 07/02/07
DRW HCUSR215 07183072
HC-ENG RA/AP
SEQN- 45372
FROM CAW
JREF- 1T8P215_Z02

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSTI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, 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. ITM BCG, 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. ITM BCG CONNECTOR PLATES ARE MADE OF 2018/186A (M-H/SS/K) ASTM A553 GRADE 40/60 (M-K/H/SS) GALV. STEEL. APPLY PLATES EACH SIDE OF TRUSS LONG. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 180A-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

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567



Top chord 2x4 SP #2 N :T2 2x6 SP #2 N:
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

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

+ MEMBER TO BE Laterally Braced for Horizontal Wind Loads.
BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.

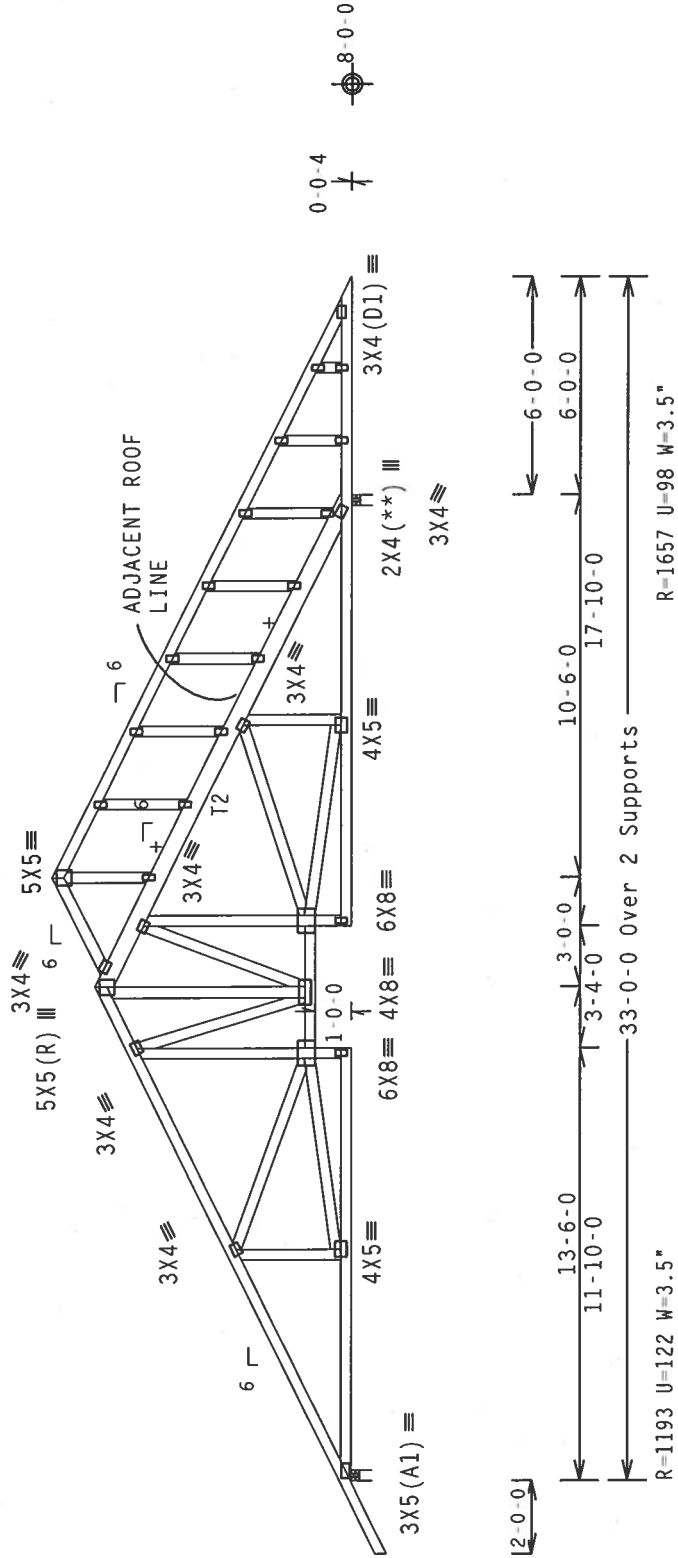
SEE DWGS A11015EE0207 FOR ADDITIONAL REQUIREMENTS.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg. not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

The overall height of this truss excluding overhang is 8-3-4.

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.



Note: All Plates Are 2x4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY:1		FL/-/5/-/-/R/-	Scale =.1875"/Ft.	
	TC LL	20.0	PSF	REF	R215-- 11018
	TC DL	10.0	PSF	DATE	07/02/07
	BC DL	10.0	PSF	DRW	HCUSR215 07183106
	BC LL	0.0	PSF	HC-ENG	RA/AP
	TOT.LD.	40.0	PSF	SEQN-	45354
DUR.FAC.				1.25	FROM CAW
SPACING				24.0"	JREF- 1T8P215_Z02



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, 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.

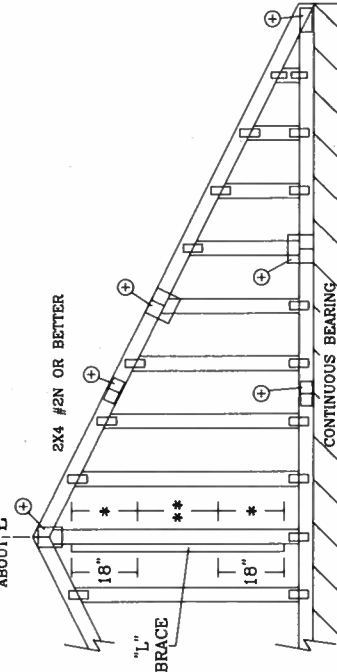
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITM BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY AISC, AND TPI. ITM BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF THE TRUSS. 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.

2x4 GABLE VERTICAL SPACING SPECIES		BRACE GRADE	NO BRACES	(1) 1x4 "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	GROUP A	GROUP B	GROUP A	GROUP B		
12" O.C.	SPF	#1 / #2	3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 5"	9' 5"	9' 8"	12' 5"	12' 9"	14' 0"	14' 0"	14' 0"	14' 0"			
		#3	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	7' 11"	9' 5"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"	14' 0"			
		STUD	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	7' 11"	9' 5"	9' 5"	9' 5"	12' 3"	12' 3"	14' 0"	14' 0"	14' 0"			
		STANDARD	3' 9"	5' 2"	5' 2"	6' 9"	6' 9"	6' 9"	9' 1"	9' 1"	9' 1"	10' 7"	10' 7"	14' 0"	14' 0"	14' 0"			
		#1	4' 3"	6' 8"	7' 2"	7' 11"	8' 6"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"	14' 0"	14' 0"			
	DFL	#2	4' 2"	6' 8"	7' 2"	7' 11"	8' 6"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"	14' 0"	14' 0"			
		#3	4' 0"	6' 2"	6' 2"	7' 11"	8' 1"	8' 1"	9' 5"	9' 11"	12' 5"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"			
		STUD	4' 0"	6' 1"	6' 1"	7' 11"	8' 0"	8' 0"	9' 5"	9' 11"	12' 5"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"			
		STANDARD	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	6' 11"	9' 4"	9' 4"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"			
		#1 / #2	4' 5"	7' 8"	7' 10"	9' 1"	9' 4"	9' 4"	10' 10"	11' 1"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"			
16" O.C.	SPF	#3	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	9' 1"	10' 10"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"			
		STUD	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	9' 1"	10' 10"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"			
		STANDARD	4' 4"	6' 4"	6' 4"	8' 4"	8' 4"	8' 4"	10' 10"	10' 10"	12' 11"	12' 11"	14' 0"	14' 0"	14' 0"	14' 0"			
		#1	4' 10"	7' 8"	8' 3"	9' 1"	9' 9"	9' 9"	10' 10"	11' 8"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"			
		#2	4' 9"	7' 8"	8' 3"	9' 1"	9' 9"	9' 9"	10' 10"	11' 8"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"			
	DFL	#3	4' 6"	7' 7"	7' 7"	9' 1"	9' 6"	9' 6"	10' 10"	11' 4"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"			
		STUD	4' 6"	7' 6"	7' 6"	9' 1"	9' 6"	9' 6"	10' 10"	11' 4"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"			
		STANDARD	4' 5"	6' 5"	6' 5"	8' 6"	8' 6"	8' 6"	10' 10"	11' 1"	11' 1"	13' 3"	13' 3"	14' 0"	14' 0"	14' 0"			
		#1 / #2	4' 11"	8' 5"	8' 8"	10' 0"	10' 3"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"			
		#3	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	10' 0"	11' 11"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"			
24" O.C.	SPF	STUD	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	10' 0"	11' 11"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"			
		STANDARD	4' 9"	7' 3"	7' 3"	9' 7"	9' 7"	9' 7"	11' 11"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"			
		#1	5' 4"	8' 5"	9' 1"	10' 0"	10' 9"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"			
		#2	5' 3"	8' 5"	9' 1"	10' 0"	10' 9"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"			
		#3	5' 0"	8' 5"	8' 5"	10' 0"	10' 6"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"			
	DFL	STUD	4' 11"	7' 5"	8' 7"	10' 0"	10' 6"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"			
		STANDARD	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	9' 10"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"			
		STUD	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	9' 10"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"			
		STANDARD	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	9' 10"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"			
		#1	5' 4"	8' 5"	9' 1"	10' 0"	10' 9"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"			

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'.

VERTICAL LENGTH SHOWN
IN TABLE ABOVE.

CONNECT DIAGONAL AT
MIDPOINT OF VERTICAL



REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

[illegible][illegible]

TW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

ALPINE

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF ASCE7-02-GAB1015

DATE 2/23/07

DRWG A11015EE0207

-ENG

GABLE VERTICAL PLATE SIZES	NO SPLICE 1X4 OR 2X3
VERTICAL LENGTH LESS THAN 4' 0"	
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.

BRACING GROUP SPECIES AND GRADES:

GROUP A:

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

DOUGLAS FIR-LARCH	#3
	STUD
	STANDARD

SOUTHERN PINE	#3
	STUD
	STANDARD

GROUP B:

HEM-FIR
#1 & BTR
44

SOUTHERN PINE **DOUGLAS FIR-LARCH**

#1	
#2	

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.

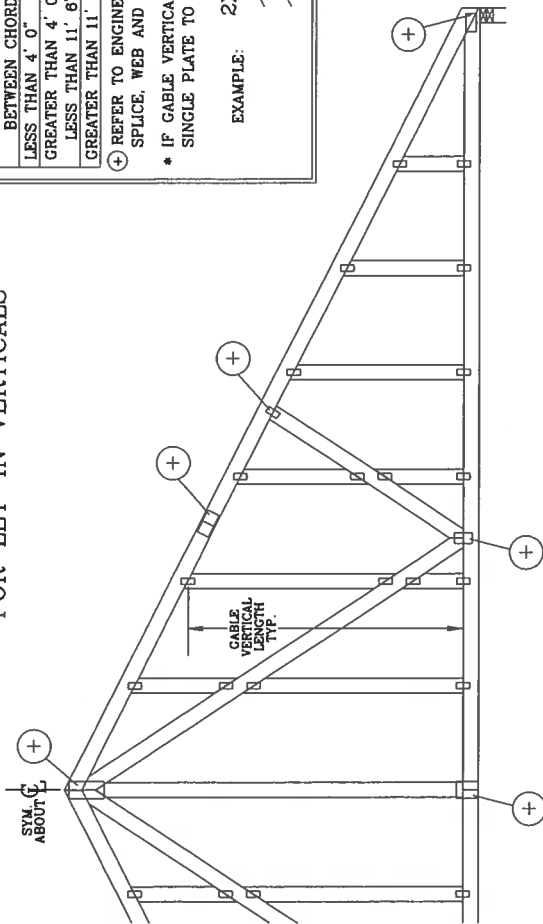
ATTACH EACH "L" BRACE WITH 10d NAILS.

* 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 DETAIL FOR LET-IN VERTICALS



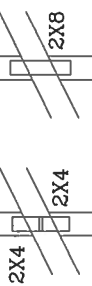
GABLE VERTICAL PLATE SIZES

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:



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH

HAND DRIVEN NAILS:

10d COMMON (0.148" X 3.1" 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

A1015EN0207, A10015EN0207, A08015EN0207, A07015EN0207,

A1030EN0207, A10030EN0207, A09030EN0207, A08030EN0207, A07030EN0207

ASCE 7-98 GABLE DETAIL DRAWINGS

A13015EC0207, A12015EC0207, A11015EC0207, A10015EC0207, A08015EC0207,

A13030EC0207, A12030EC0207, A11030EC0207, A10030EC0207, A08030EC0207

ASCE 7-02 GABLE DETAIL DRAWINGS

A13015EB0207, A12015EB0207, A11015EB0207, A10015EB0207, A08015EB0207,

A13030EB0207, A12030EB0207, A11030EB0207, A10030EB0207, A08030EB0207

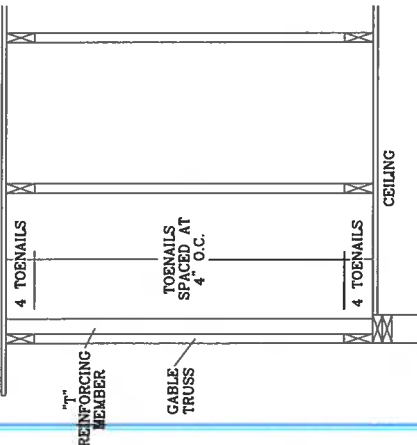
ASCE 7-05 GABLE DETAIL DRAWINGS

A13015ES0207, A12015ES0207, A11015ES0207, A10015ES0207, A08015ES0207,

A13030ES0207, A12030ES0207, A11030ES0207, A10030ES0207, A08030ES0207

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

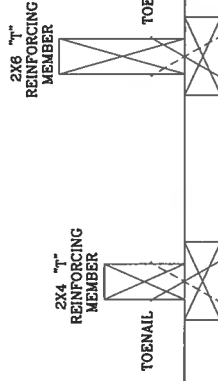
RIGID SHEATHING



THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314) AND VITA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIVITIES. ALL TRUSSES MUST BE PROPERLY ATTACHED TO STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. ALL TRUSSES MUST BE PROPERLY ATTACHED TO STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. GALV. TESTES APPLY PLATES TO EACH FACE OF TRUSS AND BOTTOM CHORD. ALL TRUSSES MUST BE PROPERLY ATTACHED TO STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (D) 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.



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	2x4	10 %	10 %
15 FT	2x6	40 %	50 %
110 MPH	2x4	10 %	10 %
30 FT	2x6	50 %	50 %
100 MPH	2x4	10 %	10 %
15 FT	2x6	30 %	50 %
100 MPH	2x4	10 %	10 %
30 FT	2x6	40 %	40 %
90 MPH	2x4	20 %	10 %
15 FT	2x6	20 %	40 %
90 MPH	2x4	10 %	10 %
30 FT	2x6	30 %	50 %
80 MPH	2x4	10 %	20 %
15 FT	2x6	10 %	30 %
80 MPH	2x4	20 %	10 %
30 FT	2x6	20 %	40 %
70 MPH	2x4	0 %	20 %
15 FT	2x6	0 %	20 %
70 MPH	2x4	10 %	20 %
30 FT	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"

REF LET-IN VERT

DATE 2/23/07

DRWG GBLLETIN0207

-ENG DLJ/KAR

MAX TOT. LD. 60 PSF

DUR. FAC. ANY

MAX SPACING 24.0"

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	T OR L-BRACE	ALTERNATIVE BRACING 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.

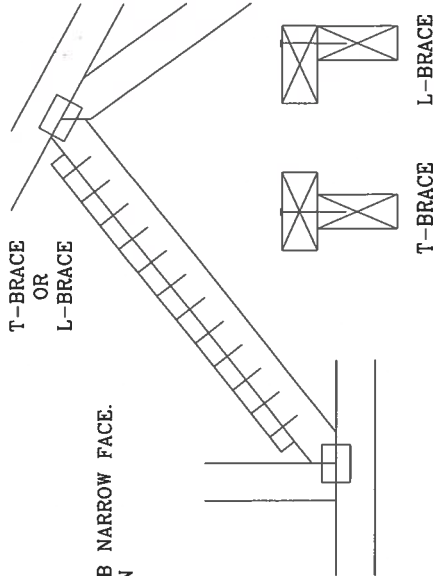
(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

T-BRACING

OR

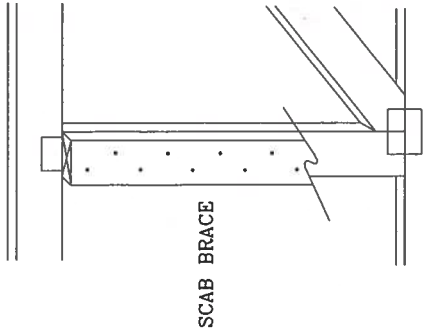
L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE. ATTACH WITH 10d BOX OR GUN (0.128" x 3" MIN) NAILS. AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH

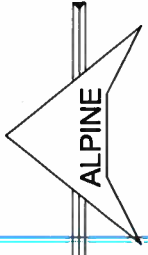


SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB. NO MORE THAN (1) SCAB PER FACE. ATTACH WITH 10d BOX OR GUN (0.128" x 3" MIN) NAILS. AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



THIS DRAWING REPLACES DRAWING 579.640



ALPINE BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA, 22314) AND VITA (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. ITV BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSSES 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. ITV BCG CONNECTOR PLATES ARE MADE OF 2017/16GA (44/35/3) ASTM A653 GRADE 40/60 (44/35/3) STEEL. DESIGN POSITION PER DRAWING 160A-7. ANY INSPECTION OF PLATES FOLLOWED BY ITV 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.

James F. Collins, Jr.
Professional Engineer
No. 52212
State of Florida

TC LL
TC DL
BC DL
BC LL
TOT. LD.
DUR. FAC.
SPACING

PSF
PSF
PSF
PSF
PSF

REF
DATE
DRWG
-ENG
MLH/KAR

CLB SUBST.
2/23/07
BRLBSUB0207
-ENG MLH/KAR



March 6, 2002

Subject: Elk Product Approval Information

All Prestique® and Capstone® products manufactured in Tuscaloosa, AL are certified under the Miami – Dade County Building Code Office (BCCO). These products also meet the requirements for the Florida Building Code since they are MD approved. The following test protocols must be passed by each of the products in order for MD product certification:

ASTM D3462

PA 100 (110 mph uplift and wind driven rain resistance)

PA 107 (Modified ASTM D3161 - 110 mph wind uplift resistance)

The nailing patterns that were used during the PA 100 and PA 107 wind test protocols for the Prestique and Capstone products are listed below. Also listed below are the Miami – Dade Notice of Acceptance Numbers (NOA).

Raised Profile, Prestique High Definition, Prestique 25, or Prestique 30 –

PA 100 = 4 nails

PA 107 = 5 nails

MD NOA# = 01-1226.04

Prestique I 35 or Prestique I* –

PA 100 = 4 nails

PA 107 = 5 nails

MD NOA# = 01-1226.05

Prestique Plus or Prestique Gallery Collection* –

PA 100 = 4 nails

PA 107 = 4 nails

MD NOA# = 01-1226.03

Capstone*

PA 100 = 4 Nails

PA 107 = 4 Nails

MD NOA# = 01-0523.01

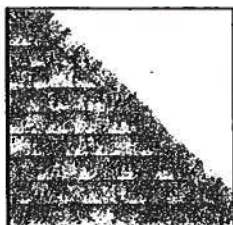
* As per the Elk Limited Warranty, six nails are required for the Elk high wind warranty.

If there are any questions please contact:

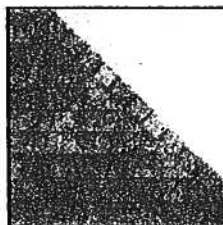
Mike Reed – Technical Manager
(205) 342-0287

or

Daniel DeJarnette – QA Engineer
(205) 342-0298



**PRESTIQUE®
HIGH DEFINITION®**



RAISED PROFILE™

Prestique® High Definition and Raised Profile® Seal-A-Ridge® Shingles

Raised Profile™

Product size 13 1/4" x 39 1/4"
Exposure 5 1/2"
Pieces/Bundle 16
Bundles/Square 4/98.5 sq.ft.
Squares/Pallet 11

50-year limited warranty period:
non-prorated coverage for
shingles and application labor for
the initial 5 years, plus an option
for transferability*; prorated
coverage for application labor and
shingles for balance of limited
warranty period; 5-year limited
wind warranty*.

Product size 13 1/4" x 38"
Exposure 5 1/2"
Pieces/Bundle 22
Bundles/Square 3/100 sq.ft.
Squares/Pallet 16

30-year limited warranty period:
non-prorated coverage for
shingles and application labor for
the initial 5 years, plus an option
for transferability*; prorated
coverage for application labor and
shingles for balance of limited
warranty period; 5-year limited
wind warranty*.

Prestique® High Definition

Product size 13 1/4" x 39 1/4"
Exposure 5 1/2"
Pieces/Bundle 16
Bundles/Square 4/98.5 sq.ft.
Squares/Pallet 14

40-year limited warranty period:
non-prorated coverage for
shingles and application labor for
the initial 5 years, plus an option
for transferability*; prorated
coverage for application labor and
shingles for balance of limited
warranty period; 5-year limited
wind warranty*.

HIP AND RIDGE SHINGLES

Seal-A-Ridge® Hip and Ridge Shingles

Size: 12" x 12"
Exposure: 6 1/2"
Pieces/Bundle: 45
Coverage: 4 Bundles = 100 linear feet

Prestique® High Definition

Product size 13 1/4" x 38"
Exposure 5 1/2"
Pieces/Bundle 22
Bundles/Square 3/100 sq.ft.
Squares/Pallet 16

30-year limited warranty period:
non-prorated coverage for
shingles and application labor for
the initial 5 years, plus an option
for transferability*; prorated
coverage for application labor and
shingles for balance of limited
warranty period; 5-year limited
wind warranty*.

Raised Profile™

52 Bundles/Pallet
18 Pallets/Truck
936 Bundles/Truck
19 Pieces/Bundle
1 Bundle = 120.33 linear feet

Available Colors: Antique Slate, Weatheredwood, Shalewood, Hickory, Barkwood**, Forest Green, Wedgewood**, Birchwood**, Sandalwood, Gallery Collection: Balsam Forest®, Weathered Sage®, Sienna Sunset®.

All Prestique, Raised Profile and Seal-A-Ridge roofing products contain Elk WindGuard® sealant. WindGuard activates with the sun's heat, bonding shingles into a wind and weather resistant cover that resists blow-offs and leaks.

Check for availability with built-in StainGuard® treatment to inhibit the discoloration of roofing granules caused by the growth of certain types of algae. Not available in Shalewood.

All Prestique and Raised Profile shingles meet UL® Wind Resistant (UL 997) and Class "A" Fire Ratings (UL 790); and ASTM Specifications D 3018, Type-I; D 3161, Type-I; E 108 and the requirements of ASTM D 3462.

All Prestique and Raised Profile shingles meet the latest Metro Dade building code requirements.

*See actual limited warranty for conditions and limitations.

**Check for product availability.

SPECIFICATIONS

SCOPE: Work includes furnishing all labor, materials and equipment necessary to complete installation of (name) shingles specified herein. Color shall be (name of color). Hip and ridge type to be Elk Seal-A-Ridge with formula FLX.

All exposed metal surfaces (flashing, vents, etc.) to be painted with matching Elk roof accessory paint.

PREPARATION OF ROOF DECK: Roof deck to be dry, well-seasoned 1" x 6" (25.4mm x 152.4mm) boards; exterior-grade plywood (exposure 1 rated sheathing) at least 3/8" (9.525mm) thick conforming to the specifications of the American Plywood Association; 7/16" (11.074mm) oriented strandboard; or chipboard. Most fire retardant plywood decks are NOT approved substrates for Elk shingles. Consult Elk Field Service for application specifications over other decks and other slopes.

MATERIALS: Underlayment for standard roof slopes, 4" per foot (101.6/304.8mm) or greater: apply non-perforated No. 15 or 30 asphalt-saturated felt underlayment. For low slopes (4" per foot (101.6/304.8mm) to a minimum of 2" per foot (50.8/304.8mm)), use two plies of underlayment overlapped a minimum of 18". Fasteners shall be of sufficient length and holding power for securing material as required by the application instructions printed on shingle wrapper.

For areas where algae is a problem, shingles shall be (name) with StainGuard treatment, as manufactured by the Elk Tuscaloosa plant. Hip and ridge type to be Seal-A-Ridge with formula FLX with StainGuard treatment.

Complete application instructions are published by Elk and printed on the back of every shingle bundle. All

warranties are contingent upon the correct installation as shown on the instructions. These instructions are the minimum required to meet Elk application requirements. In some areas, building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements less than those contained in its application instructions.

For specifications in CSI format, call 800.354.SPEC (7732) or e-mail specinfo@elkcorp.com.

**SOUTHEAST &
ATLANTIC OFFICE:**
800.945.5551

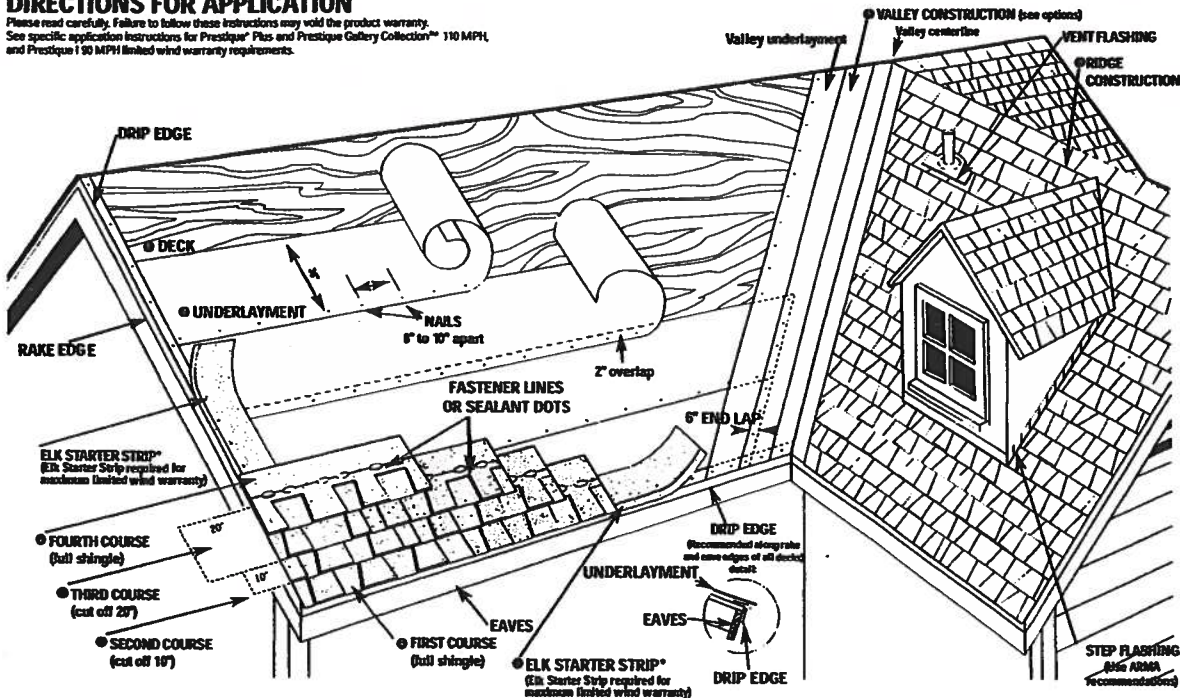
CORPORATE HEADQUARTERS:
800.354.7732

PLANT LOCATION:
800.945.5545

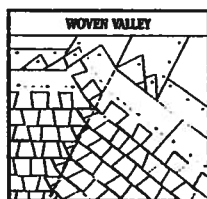
ELK
www.elkcorp.com

DIRECTIONS FOR APPLICATION

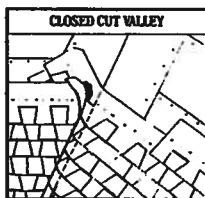
Please read carefully. Failure to follow these instructions may void the product warranty. See specific application instructions for Prestique® Plus and Prestique Gallery Collection® 110 MPH and Prestique I 90 MPH limited wind warranty requirements.



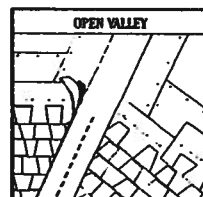
● VALLEY CONSTRUCTION OPTION (California Open and California Closed are also acceptable) NOTE: For complete ARMA valley installation details, see ARMA Residential Asphalt Roofing Manual.



VALLEY CENTER LINE



VALLEY CENTER LINE



VALLEY CENTER LINE

DIRECTIONS FOR APPLICATION

These application instructions are the minimum required to meet Elk's application requirements. Your failure to follow these instructions may void the product warranty. In some areas, the building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements that are less than those printed here. Shingles should not be jammed tightly together. All attics should be properly ventilated. Note: It is not necessary to remove tape on back of shingle.

● DECK PREPARATION

Roof decks should be dry, well-seasoned 1" x 6" boards or exterior grade plywood minimum 3/8" thick and conform to the specifications of the American Plywood Association or 7/16" oriented strandboard, or 7/16" chipboard.

● UNDERLAYMENT

Apply underlayment (Non-Perforated No. 15 or 30 asphalt saturated felt). Cover drip edge at eaves only.

For low slope (2/12 up to 4/12), completely cover the deck with two piles of underlayment overlapping a minimum of 18". Begin by fastening a 18" wide strip of underlayment placed along the eaves. Place a full 36" wide sheet over the starter, horizontally placed along the eaves and completely overlapping the starter strip.

EAVE FLASHING FOR ICE DAMS (ASK A ROOFING CONTRACTOR, REFER TO ARMA MANUAL OR CHECK LOCAL CODES)

For standard slope (4/12 to less than 24/12), use coated roll roofing of no less than 50 pounds over the felt underlayment extending from the eave edge to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

For low slope (2/12 up to 4/12), use a continuous layer of asphalt plastic cement between the two piles of underlayment from the eave edge up roof to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

Consult the Elk Field Service Department for application specifications over other decks and other slopes.

● STARTER SHINGLE COURSE

USE AN ELK STARTER STRIP OR A STRIP SHINGLE INVERTED WITH THE HEADLAP APPLIED AT THE EAVE EDGE. With at least 4" trimmed from the end of the first shingle, start at the rake edge overlapping the eave 1/2" to 3/4". Fasten 2" from the lower edge and 1" from each side. Shingles may be applied with a course alignment of 45° on the roof.

● FIRST COURSE

Start at rake and continue course with full shingles laid flush with the starter course.

● SECOND COURSE

Start at the rake with the shingle having 10" trimmed off and continue across roof with full shingles.

● THIRD COURSE

Start at the rake with the shingle having 20" trimmed off and continue across roof with full shingles.

● FOURTH COURSE

Start at the rake and continue with full shingles across roof.

FIFTH AND SUCCEEDING COURSES.

Repeat application as shown for second, third, and fourth courses. Do not rock shingles straight up the roof.

● VALLEY CONSTRUCTION

Open, woven and closed cut valleys are acceptable when applied by Asphalt Roofing Manufacturing Association (ARMA) recommended procedures. For metal valleys, use 36" wide vertical underlayment prior to applying 18" metal flashing (secure edge with nails). No nails are to be within 6" of valley center.

● RIDGE CONSTRUCTION

For ridge construction use Class "A" Seal-A-Ridge® with formula FLX® (See ridge package for installation instructions.)

FASTENERS

While nailing is the preferred method for Elk shingles, Elk will accept fastening methods according to the following instructions.

Always nail or staple through the fastener line or on products without fastener lines, nail or staple between and in line with sealant dots.

NAILS: Corrosive resistant, 3/8" head, minimum 12-gauge roofing nails. Elk recommends 1-1/4" for new roofs and 1-1/2" for re-roofs. In cases where you are applying shingles to a roof that has an exposed overhang, for new roofs only, 3/4" ring shank nails are allowed to be used from the eave's edge to a point up the roof that is past the outside wall line. 1" ring shank nails allowed for re-roof.

STAPLES: Corrosive resistant, 16-gauge minimum, crown width minimum of 15/16". Note: An improperly adjusted staple gun can result in raised staples that can cause a fish-mouthed appearance and can prevent sealing.

Fasteners should be long enough to obtain 3/4" deck penetration or penetration through deck, whichever is less.

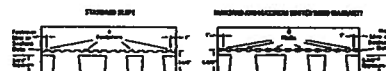
MANSARD APPLICATIONS

Correct fastening is critical to the performance of the roof. For slopes exceeding 60° - 24/12 use six fasteners per shingle. Locate fasteners in the fastener area 1" from each side edge with the remaining four fasteners equidistant spaced along the length of the double thickness (laminated) area. Only fastening methods according to the above instructions are acceptable.

LIMITED WIND WARRANTY

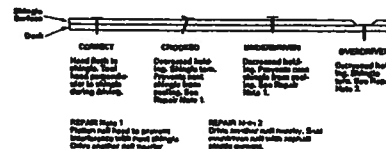
For a Limited Wind Warranty, all Prestique and Raised Profile® shingles must be applied with 4 properly placed fasteners, or in the case of mansard applications, 6 properly placed fasteners per shingle.

For a Limited Wind Warranty up to 110 MPH for Prestique Gallery Collection or Prestique Plus or 80 MPH for Prestique I, shingles must be applied with 6 properly placed NAILS per shingle. SHINGLES APPLIED WITH STAPLES WILL NOT QUALIFY FOR THIS ENHANCED LIMITED WIND WARRANTY. Also, Elk Starter Strip shingles must be applied at the eaves and rake edges to qualify Prestique Plus, Prestique Gallery Collection and Prestique I shingles for this enhanced Limited Wind Warranty. Under no circumstances should the Elk Starter Strip or the Elk Starter Strip overlapping the eaves or rake edge more than 3/4" of an inch.



HELP STOP BLOW-OFFS AND CALL-BACKS

A minimum of four fasteners must be driven into the DOUBLE THICKNESS (laminated) area of the shingle. Nails or staples must be placed along - and through - the "fastener line" or on products without fastener lines, nail or staple between and in line with sealant dots. CAUTION: Do not use fastener line for shingle alignment.



Refer to local codes which in some areas may require specific application techniques beyond those Elk has specified. All Prestique and Raised Profile shingles have a UL® Wind Resistance Rating when applied in accordance with these instructions using nails or staples on re-roofs as well as new construction.

CAUTION TO WHOLESALE: Careless and improper storage or handling can harm fiberglass shingles. Keep these shingles completely covered, dry, reasonably cool, and protected from the weather. Do not store near various sources of heat. Do not store in direct sunlight until applied. DO NOT DOUBLE STACK. Systematically rotate all stock so that the material that has been stored the longest will be the first to be moved out.

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ELK
www.elkcorp.com

Test Data Review Certificate

Certificate #3026447A

This certifies that Intertek Testing Services/ETL Semko has reviewed structural load test data and documentation supplied by Masonite/Premdor Exterior Door Products on the product lines indicated below to determine the appropriate design load and impact ratings as specified by Miami-Dade County, Florida Protocol PA201, PA202 and PA203.

The data supplied was reviewed for applicability in support of the data contained in the Masonite/Premdor Product Performance Data Manual for the product line and product models indicated below. ITS/ETL Semko certifies that the test reports provided are consistent with the Masonite Certificate of Performance sheets (COP's) contained in the product performance data manual specified herein. The attached Masonite/Premdor COP/Test Report Validation Matrices (uniquely numbered by product model) provides correlation information for each product model reviewed indicating the test lab, report number(s), product size and installation information and ratings for design load and applicability of the large missile impact test. All applicable COP's and Matrices must bear the Warnock Hersey verification stamp .

Product Line: **Johnson Entry Doors**

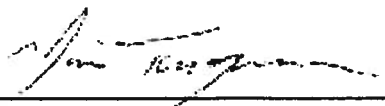
Product Models: **Wood-Edge Steel Door Units** (Matrix #3026447A-001)
Metal-Edge Steel Door Units (Matrix #3026447A-002)
Fiberglass Door Units (Matrix #3026447A-003)

ITS/ETL-Semko has no direct knowledge of the tests conducted and has made no attempt to verify the accuracy or correctness of the data submitted. The review conducted was only to determine that the manufacturer's claims as represented in the COP's are correct representations of the data supplied from the laboratories. ITS/ETL Semko's review was for structural performance results only and did not include review of air infiltration or water penetration test results.

ISSUED: 6-14-02

Revision Date: June 14, 2002
Supersedes Certificate #3026447
Issued June 6, 2002

BY:


Jim Turgeson, Project Manager

Test Data Review Certificate

Certificate #3026447A

This certifies that Intertek Testing Services/ETL Semko has reviewed structural load test data and documentation supplied by Masonite/Premdor Exterior Door Products on the product lines indicated below to determine the appropriate design load and impact ratings as specified by Miami-Dade County, Florida Protocol PA201, PA202 and PA203.

The data supplied was reviewed for applicability in support of the data contained in the Masonite/Premdor Product Performance Data Manual for the product line and product models indicated below. ITS/ETL Semko certifies that the test reports provided are consistent with the Masonite Certificate of Performance sheets (COP's) contained in the product performance data manual specified herein. The attached Masonite/Premdor COP/Test Report Validation Matrices (uniquely numbered by product model) provides correlation information for each product model reviewed indicating the test lab, report number(s), product size and installation information and ratings for design load and applicability of the large missile impact test. All applicable COP's and Matrices must bear the Warnock Hersey verification stamp .

Product Line: **Johnson Entry Doors**

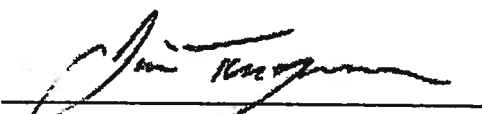
Product Models: **Wood-Edge Steel Door Units** (Matrix #3026447A-001)
Metal-Edge Steel Door Units (Matrix #3026447A-002)
Fiberglass Door Units (Matrix #3026447A-003)

ITS/ETL-Semko has no direct knowledge of the tests conducted and has made no attempt to verify the accuracy or correctness of the data submitted. The review conducted was only to determine that the manufacturer's claims as represented in the COP's are correct representations of the data supplied from the laboratories. ITS/ETL Semko's review was for structural performance results only and did not include review of air infiltration or water penetration test results.

ISSUED: 6-14-02

Revision Date: June 14, 2002
Supersedes Certificate #3026447
Issued June 6, 2002

BY:


Jim Turgeson, Project Manager

WOOD-EDGE STEEL DOORS

COP# (WL-)	Config.	Swing (UD)	Max. Overall Size (ins.)	Leaf#	Nominal Max. Leaf Size (ins.)	Glazing Type ¹	+DP (psf)	-DP (psf)	Impact App'd	Ref. Test Reports ² (NCTL-210-)	Ref. Eval. Report (NCTL-210-)	Ass'y Detail (MAD-WL-MA)	Intail Detail (MID-WL-MA)
JH4101-02	X	I	36 x 80	1	36 x 80	O	66.0	66.0	Y	2185 1-3	-	0001-02	0001-02
JH4102-02	XX	I	72 x 80	1, 2	36 x 80	O	45.0	45.0	Y	1905 7-12; 1861 4-6; 10-12; 2185 1-3	2794-1	0002-02	0002-02
JH4103-02	XO/OX	I	50 x 80	1	36 x 80	O	57.0	57.0	Y	1880 7, 9, 10, 12; 1861 4-6; 10-12; 2185 1-3	2794-1	0003-02; 0006/0041-02	0003-02
JH4104-02	OXO	I	108 x 80	1	30 x 80	O	57.0	57.0	Y	1905 7-12; 1861 4-6; 10-12; 1880 7, 9, 10, 12; 2185 1-3	2794-1	0004-02; 0007/0041-02	0004-02
JH4105-02	OXO	I	144 x 80	1, 2	36 x 80	O	45.0	45.0	Y	1905 7-12; 1861 4-6; 10-12; 1885 1-3	2794-1	0005/0041-02	0005-02
JH4121-02	X	O	36 x 80	1	36 x 80	O	66.0	66.0	Y	2178 1-3	-	0011-02	0001-02
JH4122-02	XX	O	72 x 80	1, 2	36 x 80	O	45.0	45.0	Y	1905 7-12; 1864 4-6; 2178 1-3	2794-1	0012-02	0002-02
JH4123-02	XO/OX	O	50 x 80	1	36 x 80	O	57.0	57.0	Y	1880 7, 9, 10, 12; 1864 4-6; 10-12; 2178 1-3	2794-1	0013-02; 0016/0041-02	0003-02
JH4124-02	OXO	O	108 x 80	1	36 x 80	O	57.0	57.0	Y	1905 7-12; 1864 5-8; 1880 7-12; 2178 1-3	2794-1	0014-02; 0017/0041-02	0004-02
JH4125-02	OXO	O	144 x 80	1, 2	36 x 80	O	45.0	45.0	Y	1905 7-12; 1864 5-8; 2178 1-3	2794-1	0015-02; 0018/0041-02	0005-02
JH4141-02	X	I	36 x 80	1	36 x 80	IG	40.5	40.5	N	1897 7-12; 1861 4-6; 10-12; 2185 1-3	2794-1	0001/0041-02	0001-02
JH4142-02	XX	I	72 x 80	1, 2	36 x 80	IG	40.5	40.5	N	1897 7-12; 1861 4-6; 10-12; 2185 1-3	2794-1	0002/0041-02	0002-02
JH4143-02	XO/OX	I	72 x 80	1	36 x 80	IG	40.5	40.5	N	1897 2-12; 1861 4-6; 10-12; 2185 1-3	2794-1	0003-02; 0006/0041-02	0003-02
JH4144-02	OXO	I	108 x 80	1	36 x 80	IG	40.5	40.5	N	1897 7-12; 1861 4-6; 10-12; 2185 1-3	2794-1	0004-02; 0007/0041-02	0004-02
JH4145-02	OXXO	I	144 x 80	1, 2	36 x 80	IG	40.5	40.5	N	1897 7-12; 1861 4-6; 10-12; 2185 1-3	2794-1	0005-02; 0008/0041-02	0005-02

¹ O-opaque; IG-insulating glass with minimum 1/8" tempered glazing
² tested in accordance with Metro-Dade Protocols PA201, PA202 and PA203



June 14, 2002

COP/MAD/MID sheets referenced in this matrix provides additional information - available from the Masonite website (www.masonite.com) or the Masonite technical center.



WOOD-EDGE STEEL DOORS

COP# (WL-)	Config.	Swing (U/O)	Max. Overall Size (ins.)	Leaf#	Nominal Max. Leaf Size (ins.)	Glazing Type*	+DP (psf)	-DP (psf)	Impact App'd	Ref. Test Reports ² (NCTL-210-)	Ref. Eval. Report (NCTL-210-)	Ass'y Detail (MAD-WL-MIA)	Intail Detail (MID-WL-MIA)
JH4161-02	X	O	36 x 80	1	36 x 80	IG	40.5	40.5	N	1897 7-12; 1864 5-8; 2178 1-3	2794-1	0011/0041-02	0001-02
JH4162-02	XX	O	72 x 80	1, 2	36 x 80	IG	40.5	40.5	N	1897 7-12; 1864 5-8; 2178 1-3	2794-1	0012/0041-02	0002-02
JH4163-02	XO/OX	O	72 x 80	1	36 x 80	IG	40.5	40.5	N	1897 7-12; 1864 5-8; 2178 1-3	2794-1	0013-02; 0016/0041-02	0003-02
JH4164-02	OXO	O	108 x 80	1	36 x 80	IG	40.5	40.5	N	1897 7-12; 1864 5-8; 2178 1-3	2794-1	0014-02; 0017/0041-02	0004-02
JH4165-02	OXOX	O	144 x 80	1, 2	36 x 80	IG	40.5	40.5	N	1897 7-12; 1864 5-8; 2178 1-3	2794-1	0018/0041-02	0005-02

* O=opaque; IG=insulating glass with minimum 1/8" tempered glazing

² tested in accordance with Metro-Data Protocols PA201, PA202 and PA203



June 14, 2002

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Masonite website
(www.masonite.com) or the
Masonite technical center.

METAL-EDGE STEEL DOORS

COP# (WL-)	Config.	Swing (I/O)	Max. Overall Size (ins.)	Leaf#	Nominal Max. Leaf Size (ins.)	Glazing Type ¹	+DP (psf)	-DP (psf)	Impact Appr'd	Ref. Test Reports ² (NCTL-210-)	Rel. Eval. Report (NCTL-210-)	Ass'y Detail (MAD-WL-NIA)	Intall Detail (MID-WL-NIA)
JH3101-02	X	I	36 x 80	1	36 x 80	O	76.0	76.0	Y	2185 1-3	2794-1	0001-02	0001-02
JH3102-02	XX	I	72 x 80	1,2	36 x 80	O	55.0	55.0	Y	1905 1-6; 1861 1-3, 7-9; 2183 1-3	2794-1	0002-02	0002-02
JH3103-02	XO/OX	I	50 x 80	1	36 x 80	O	76.0	76.0	Y	1880 1-6; 1861 1-3, 7-9; 2183 1-3	2794-1	0003-02; 0006/0041-02	0003-02
JH3104-02	OXO	I	108 x 80	1	30 x 80	O	76.0	76.0	N	1905 1-6; 1861 1-3, 7-9; 1880 1-6; 2183 1-3	2794-1	0004-02; 0007/0041-02	0004-02
				SL	14 x 80	IG	76.0	76.0	N				
				SL	14 x 80	IG	76.0	76.0	N				
				SL	36 x 80	IG	55.0	55.0	N				
JH3105-02	OXO	I	144 x 80	1,2	36 x 80	O	55.0	55.0	Y	1905 1-6; 1861 1-3, 7-9; 2183 1-3	2794-1	0005-02; 0008/0041-02	0005-02
				SL	36 x 80	IG	55.0	55.0	N				
JH3106-02	X	I	36 x 96	1	36 x 96	O	48.3	48.3	Y	1980 1-6; 1861 1-3, 7-9; 2183 1-3	2794-1	0001-02	0001-02
JH3107-02	XX	I	72 x 96	1,2	36 x 96	O	48.3	48.3	Y	1980 1-6; 1861 1-3, 7-9; 2183 1-3	2794-1	0002-02	0002-02
JH3108-02	XO/OX	I	72 x 96	1	36 x 96	O	48.3	48.3	Y	1980 1-6; 1861 1-3, 7-9; 2183 1-3	2794-1	0003-02; 0016/0041-02	0003-02
				SL	36 x 96	IG	48.3	48.3	N				
JH3109-02	OXO	I	108 x 96	1	36 x 96	O	48.3	48.3	Y	1980 1-6; 1861 1-3, 7-9; 2183 1-3	2794-1	0004-02; 0007/0041-02	0004-02
				SL	36 x 96	IG	48.3	48.3	N				
JH3110-02	OXO	I	144 x 96	1,2	36 x 96	O	48.3	48.3	Y	1980 1-6; 1861 1-3, 7-9; 2183 1-3	2794-1	0005-02	0005-02
				SL	36 x 80	IG	48.3	48.3	N				
JH3121-02	X	O	36 x 80	1	36 x 80	O	76.0	76.0	Y	2184 1-3	-	0011-02	0001-02
JH3122-02	XX	O	72 x 80	1,2	36 x 80	O	55.0	55.0	Y	1905 1-6; 1864 1-4; 2184 1-3	2794-1	0012-02	0002-02
JH3123-02	XO/OX	O	50 x 80	1	36 x 80	O	76.0	76.0	Y	1880 1-6; 1864 1-4; 2184 1-3	2794-1	0013-02; 0016/0014-02	0003-02
				SL	14 x 80	IG	76.0	76.0	N				
JH3124-02	OXO	O	100 x 80	1	36 x 80	O	76.0	76.0	Y	1880 1-6; 1864 1-4; 1905 1-6; 2184 1-3	2794-1	0014-02; 0017/0041-02	0004-02
				SL	14 x 80	IG	76.0	76.0	N				
				SL	30 x 80	IG	55.0	55.0	N				
JH3125-02	OXO	O	144 x 80	1,2	36 x 80	O	55.0	55.0	Y	1905 1-6; 1864 1-4; 2184 1-3	2794-1	0015-02; 0018/0041-02	0005-02
				SL	36 x 80	IG	55.0	55.0	N				
JH3126-02	X	O	36 x 96	1	36 x 96	O	48.3	48.3	Y	1980 1-6; 1864 1-4; 2184 1-3	2794-1	0011-02	0001-02
JH3127-02	XX	O	72 x 96	1,2	36 x 96	O	48.3	48.3	Y	1980 1-6; 1864 1-4; 2184 1-3	2794-1	0012-02	0002-02

¹ O-opaque; IG=insulating glass with minimum 1/8" tempered glazing
² tested in accordance with Metro-Date Protocols PA201, PA202 and PA203



June 14, 2002

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Exclusively from
Masonite
Masonite International Corporation

ITS Intertek Testing Services

METAL-EDGE STEEL DOORS

COP# (WL-)	Config.	Swing (I/O)	Max. Overall Size (ins.)	Leaf#	Nominal Max. Leaf Size (ins.)	Glazing Type*	+DP (psf)	-DP (psf)	Impact App'd	Ref. Test Reports* (NCTL-210-)	Ref. Eval. Report (NCTL-210-)	Ass'y Detail (MAD-WL-MA)	Install Detail (MID-WL-MA)
JH3128-02	XO/OX	O	72 x 96	1	36 x 96	O	48.3	48.3	Y	1980 1-6; 1864 1-4; 2184 1-3	2794-1	0013-02; 0016/0041-02	0003-02
JH3129-02	OXO	O	108 x 96	1	36 x 96	IG	48.3	48.3	N	1980 1-6; 1864 1-4; 2184 1-3	2794-1	0014-02; 0017/0041-02	0004-02
JH3130-02	OXO	O	144 x 96	1, 2	36 x 96	IG	48.3	48.3	Y	1980 1-6; 1864 1-4; 2184 1-3	2794-1	0015-02; 0018/0041-02	0005-02
JH3141-02	X	I	36 x 80	1	36 x 80	IG	48.3	48.3	N	1897 1-6; 1861 1-3; 7-9; 2183 1-3	2794-1	0001/0041-02	0001-02
JH3142-02	XX	I	72 x 80	1, 2	36 x 80	IG	50.5	50.5	N	1897 1-6; 1861 1-3; 7-9; 2183 1-3	2794-1	0002/0041-02	0002-02
JH3143-02	XO/OX	I	72 x 80	1	36 x 80	IG	50.5	50.5	N	1897 1-6; 1861 1-3; 7-9; 2183 1-3	2794-1	0003-02; 0006/0041-02	0003-02
JH3144-02	OXO	I	108 x 80	1	36 x 80	IG	50.5	50.5	N	1897 1-6; 1861 1-3; 7-9; 2183 1-3	2794-1	0004-02; 0007/0041-02	0004-02
JH3145-02	OXO	I	144 x 80	1, 2	36 x 80	IG	50.5	50.5	N	1897 1-6; 1861 1-3; 7-9; 2183 1-3	2794-1	0005-02; 0008/0041-02	0005-02
JH3146-02	X	I	36 x 96	1	36 x 96	IG	43.0	45.0	N	1897 1-12; 1861 1-3; 7-9; 2183 1-3	2794-1	0001/0041-02	0001-02
JH3147-02	XX	I	72 x 96	1, 2	36 x 96	IG	43.0	45.0	N	1897 1-12; 1861 1-3; 7-9; 2183 1-3	2794-1	0002/0041-02	0002-02
JH3161-02	X	O	36 x 80	1	36 x 80	IG	50.5	50.5	N	1897 1-6; 1864 1-4; 2184 1-3	2794-1	0011/0041-02	0001-02
JH3162-02	XX	O	72 x 80	1, 2	36 x 80	IG	50.5	50.5	N	1897 1-6; 1864 1-4; 2184 1-3	2794-1	0012/0041-02	0002-02
JH3163-02	XO/OX	O	72 x 80	1	36 x 80	IG	50.5	50.5	N	1897 1-6; 1864 1-4; 2184 1-3	2794-1	0013-02; 0016/0041-02	0003-02
JH3164-02	OXO	O	108 x 80	1	36 x 80	IG	50.5	50.5	N	1897 1-6; 1864 1-4; 2184 1-3	2794-1	0014-02; 0017/0041-02	0004-02
JH3165-02	OXO	O	144 x 80	1, 2	36 x 80	IG	50.5	50.5	N	1897 1-6; 1864 1-4; 2184 1-3	2794-1	0015-02; 0018/0041-02	0005-02
JH3166-02	X	O	36 x 96	1	36 x 96	IG	43.0	43.0	N	1897 1-12; 1864 1-4; 7-9; 2184 1-3	2794-1	0011-02	0001-02
JH3167-02	XX	O	72 x 96	1, 2	36 x 96	IG	43.0	45.0	N	1897 1-12; 1864 1-4; 7-9; 2184 1-3	2794-1	0012/0041-02	0002-02

* O-opaque; IG-insulating glass with minimum 1/8" tempered glazing
* tested in accordance with Metro-Data Protocols PA201, PA202 and PA203



June 14, 2002
COP/MAD/MID sheets referenced in this matrix provides additional information - available from the Masonite website (www.masonite.com) or the Masonite technical center.

FIBERGLASS DOORS

COP# (WL-)	Config.	Swing (UD)	Max. Overall Size (ins.)	Leaf#	Nominal Max. Leaf Size (ins.)	Glazing Type ¹	+DP (psf)	-DP (psf)	Impact App'd	Ref. Test Reports ²	Ass'y Detail (MAD-WL-MA)	Initial Detail (MID-WL-MA)
MA0101-02	X	I	36 x 80	1	36 x 80	O	76.0	76.0	N	NCTL 210-1973 1-3	0001-02	0001-02
MA0102-02	XX	I	72 x 80	1, 2	36 x 80	O	55.0	55.0	N	CTLA-772W-2	0002-02	0002-02
MA0103-02	XO/OX	I	50 x 80	1	36 x 80	O	55.0	55.0	N	CTLA-772W-2	0003/0006/0041-02	0003-02
MA0104-02	OXO	I	64 x 80	SL	14 x 80	IG	55.0	55.0	N	CTLA-772W-2	0004/0007/0041-02	0004-02
MA0105-02	OXOX	I	100 x 80	1, 2	36 x 80	O	55.0	55.0	N	CTLA-772W-2	0005/0008/0041-02	0005-02
MA0106-02	X	I	36 x 96	1	36 x 96	O	70.0	70.0	N	CTLA-772W	0001-02	0001-02
MA0107-02	XX	I	72 x 96	1, 2	36 x 96	O	55.0	55.0	N	CTLA-772W-1	0002-02	0002-02
MA0108-02	XO/OX	I	50 x 96	1	36 x 96	O	55.0	55.0	N	CTLA-772W-1	0003/0006/0041-02	0003-02
MA0109-02	OXO	I	64 x 96	SL	14 x 96	IG	55.0	55.0	N	CTLA-772W-1	0004/0007/0041-02	0004-02
MA0110-02	OXOX	I	100 x 96	1, 2	36 x 96	IG	55.0	55.0	N	CTLA-772W-1	0005/0014-02	0005-02
MA0121-02	X	O	36 x 80	1	36 x 80	O	76.0	76.0	N	NCTL 210-1973 1-3	0011-02	0001-02
MA0122-02	XX	O	72 x 80	1, 2	36 x 80	O	55.0	55.0	N	CTLA-772W-2	0012-02	0002-02
MA0123-02	XO/OX	O	50 x 80	1	36 x 80	O	55.0	55.0	N	CTLA-772W-2	0013/0016/0014-02	0003-02
MA0124-02	OXO	O	64 x 80	SL	14 x 80	IG	55.0	55.0	N	CTLA-772W-2	0014/0017/0041-02	0004-02
MA0125-02	OXOX	O	100 x 80	1, 2	36 x 80	O	55.0	55.0	N	CTLA-772W-2	0015/0018/0041-02	0005-02
MA0126-02	X	O	36 x 96	1	36 x 96	O	70.0	70.0	N	CTLA-772W	0011-02	0001-02
MA0127-02	XX	O	72 x 96	1, 2	36 x 96	O	55.0	55.0	N	CTLA-772W-1	0012-02	0002-02
MA0128-02	XO/OX	O	50 x 96	1	36 x 96	O	55.0	55.0	N	CTLA-772W-1	0013/0016/0041-02	0003-02
MA0129-02	OXO	O	64 x 96	SL	14 x 96	IG	55.0	55.0	N	CTLA-772W-1	0014/0017/0041-02	0004-02
MA0130-02	OXOX	O	100 x 96	1, 2	36 x 96	IG	55.0	55.0	N	CTLA-772W-1	0015/0018/0041-02	0005-02

¹ O=opaque, IG=insulating glass with minimum 1/8" tempered glazing

² tested in accordance with Metro-Date Protocols PA201, PA202 and PA203



June 14, 2002

COP/MAD/MID sheets referenced in this matrix provides additional information - available from the Masonite website (www.masonite.com) or the Masonite technical center.



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ITS Intertek Testing Services

FIBERGLASS DOORS

COP# (WL-)	Config.	Swing (I/O)	Max. Overall Size (ins.)	Leaf#	Nominal Max. Leaf Size (ins.)	Glazing Type ¹	+DP (psf)	-DP (psf)	Impact App'd	Ref. Test Reports ²	Ass'y Detail (MAD-WL-MA)	Intall Detail (MID-WL-MA)
MA0141-02	X	I	36 x 80	1	36 x 80	IG	52.0	52.0	N	CTLA-805W-2	0001/0041-02	0001-02
MA0142-02	XX	I	72 x 80	1, 2	36 x 80	IG	52.0	52.0	N	CTLA-805W-2	0002/0041-02	0002-02
MA0143-02	XO/OX	I	72 x 80	1	36 x 80	IG	52.0	52.0	N	CTLA-805W-2	0003/0006/0041-02	0003-02
MA0144-02	OXO	I	108 x 80	1	36 x 80	IG	52.0	52.0	N	CTLA-805W-2	0004/0007/0041-02	0004-02
MA0145-02	OXOX	I	144 x 80	1, 2	36 x 80	IG	52.0	52.0	N	CTLA-805W-2	0005/0008/0041-02	0005-02
MA0146-02	X	I	36 x 96	1	36 x 96	IG	40.0	40.0	N	CTLA-805W	0001/0041-02	0001-02
MA0147-02	XX	I	72 x 96	1, 2	36 x 96	IG	40.0	40.0	N	CTLA-805W	0002/0041-02	0002-02
MA0148-02	XO/OX	I	72 x 96	1	36 x 96	IG	40.0	40.0	N	CTLA-805W	0003/0006/0041-02	0003-02
MA0149-02	OXO	O	108 x 96	1	36 x 96	IG	40.0	40.0	N	CTLA-805W	0004/0007/0041-02	0004-02
MA0150-02	OXOX	I	144 x 96	1, 2	36 x 96	IG	40.0	40.0	N	CTLA-805W	0005/0007/0041-02	0005-02
MA0161-02	X	O	36 x 80	1	36 x 80	IG	55.0	55.0	N	CTLA-805W-2	0011/0041-02	0001-02
MA0162-02	XX	O	72 x 80	1, 2	36 x 80	IG	55.0	55.0	N	CTLA-805W-2	0012/0041-02	0002-02
MA0163-02	XO/OX	O	72 x 80	1	36 x 80	IG	55.0	55.0	N	CTLA-805W-2	0013/0016/0041-02	0003-02
MA0164-02	OXO	O	108 x 80	1	36 x 80	IG	55.0	55.0	N	CTLA-805W-2	0014/0017/0041-02	0004-02
MA0165-02	OXOX	O	144 x 80	1, 2	36 x 80	IG	55.0	55.0	N	CTLA-805W-2	0015/0018/0041-02	0005-02
MA0166-02	X	O	36 x 96	1	36 x 96	IG	47.0	47.0	N	CTLA-805W	0011/0041-02	0001-02
MA0167-02	XX	O	72 x 96	1, 2	36 x 96	IG	47.0	47.0	N	CTLA-805W	0012/0041-02	0002-02
MA0168-02	XO/OX	O	72 x 96	1	36 x 96	IG	47.0	47.0	N	CTLA-805W	0013/0016/0041-02	0003-02
MA0169-02	OXO	O	108 x 96	1	36 x 96	IG	47.0	47.0	N	CTLA-805W	0014/0017/0041-02	0004-02
MA0170-02	OXOX	O	144 x 96	1, 2	36 x 96	IG	47.0	47.0	N	CTLA-805W	0015/0018/0041-02	0005-02

¹ O-opaque; IG=insulating glass with minimum 1/8" tempered glazing
² tested in accordance with Metro-Dade Protocols PA201, PA202 and PA203

VERIFIED BY:
Warnock Hersey
WH
June 14, 2002

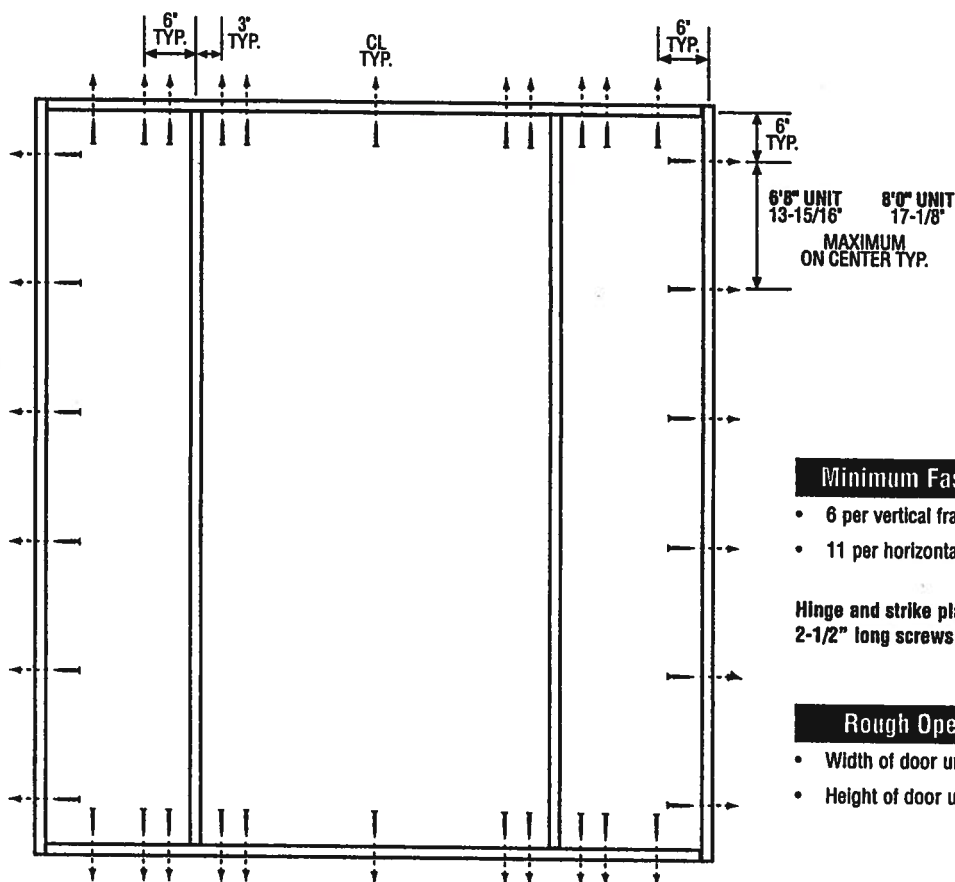
COP/MAD/MID sheets referenced
in this matrix provides additional
information - available from the
Masonite website
(www.masonite.com) or the
Masonite technical center.



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Masonite International Corporation

ITS Intertek Testing Services

SINGLE DOOR WITH 2 SIDELITES



Minimum Fastener Count

- 6 per vertical framing member
- 11 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

Rough Opening (RO)

- Width of door unit plus 1/2"
- Height of door unit plus 1/4"

Warnock Hersey Test Data Review Certificate #3026447A; #3026447B; #3026447C and COP/Test Report Validation Matrix #3026447A-001, 002, 003; #3026447B-001, 002, 003; #3026447C-001, 002, 003 provides additional information - available from the ITS/WH website (www.itswh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Latching Hardware:

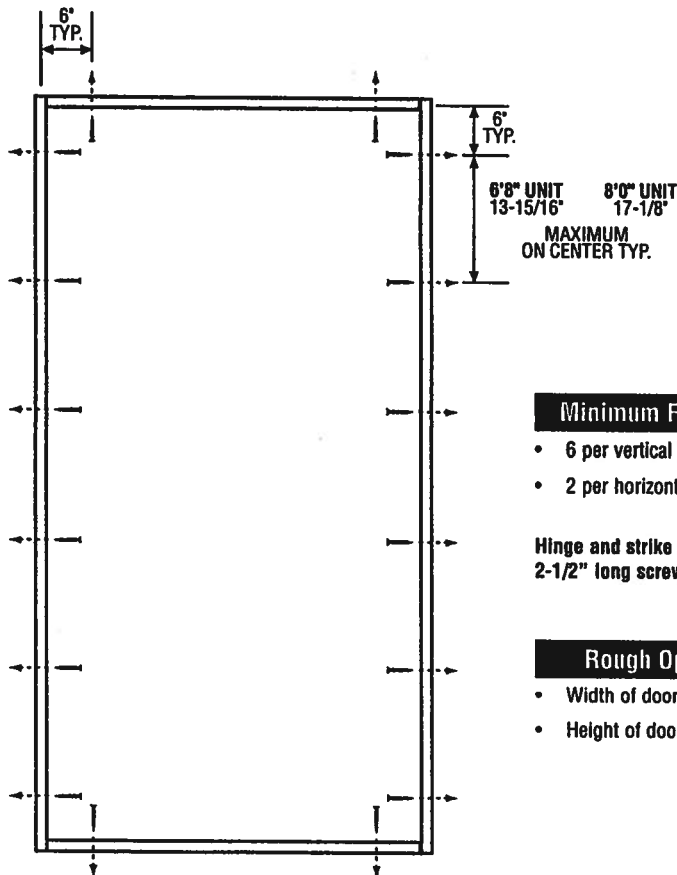
- Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
- **UNITS COVERED BY COP DOCUMENT 3244*, 3249, 3264* or 3269**
Compliance requires that 8" GRADE 1 (ANSI/BHMA A156.16) surface bolts be installed on latch side of active door panel - (1) at top and (1) at bottom.

*Based on required Design Pressure - see COP sheet for details.

Notes:

1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons.
2. The wood screw single shear design values come from Table 11.3A of ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade Country approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

SINGLE DOOR



Minimum Fastener Count

- 6 per vertical framing member
- 2 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

Rough Opening (RO)

- Width of door unit plus 1/2"
- Height of door unit plus 1/4"



Test Data Review Certificate #3026447A; #3026447B; #3026447C and COP/Test Report Validation Matrix #3026447A-001, 002, 003; #3026447B-001, 002, 003; #3026447C-001, 002, 003 provides additional information - available from the ITS/WH website (www.itswh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Latching Hardware:

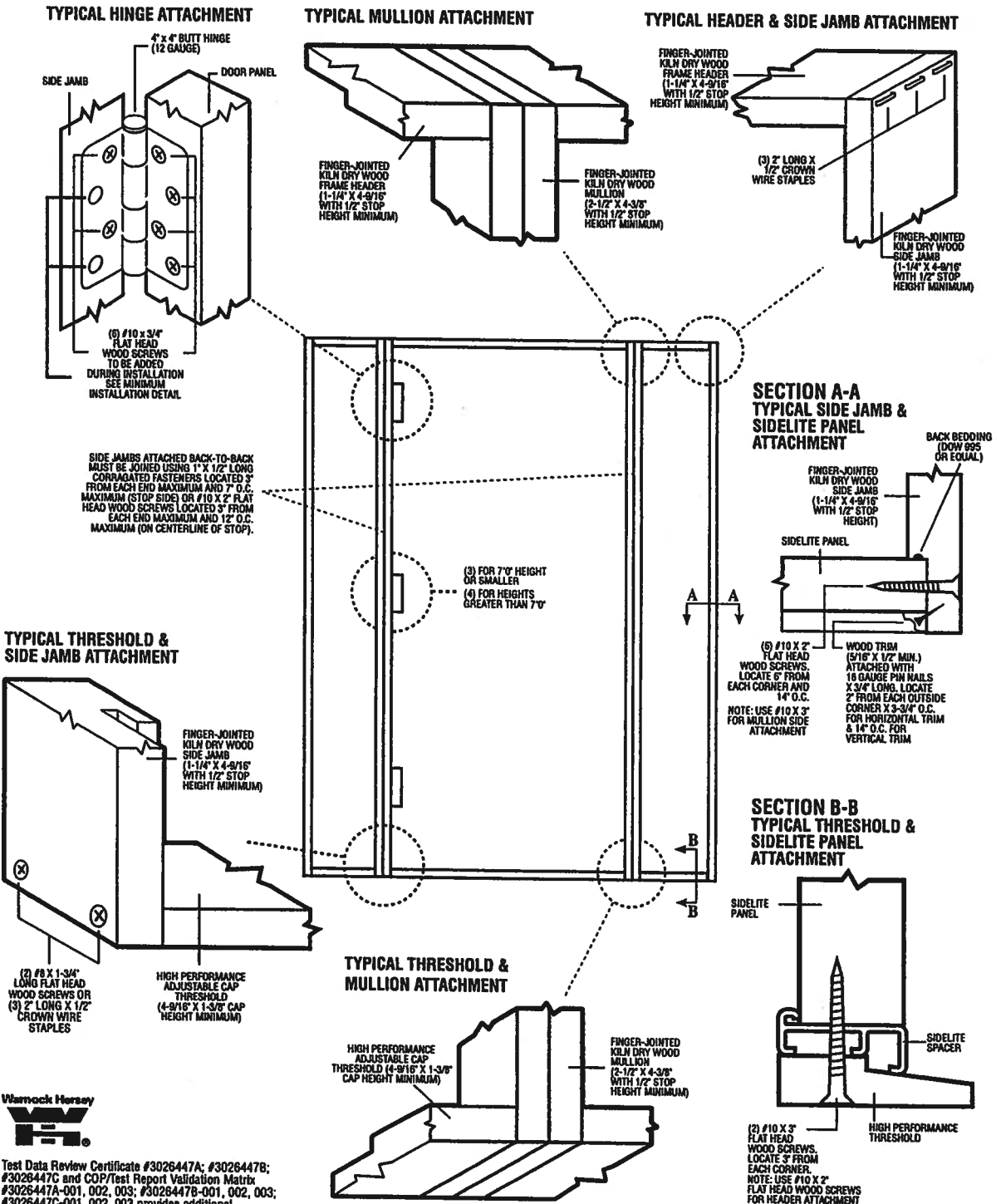
- Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
- **UNITS COVERED BY COP DOCUMENT 3146, 3166, 3241*, 3246, 3261* or 3266**
Compliance requires that 8" GRADE 1 (ANSI/BHMA A156.16) surface bolts be installed on latch side of active door panel - (1) at top and (1) at bottom.

*Based on required Design Pressure - see COP sheet for details.

Notes:

1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons.
2. The wood screw single shear design values come from Table 11.3A of ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade County approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

INSWING UNIT WITH SINGLE DOOR & TWO SIDELITES (BOXED CONSTRUCTION)

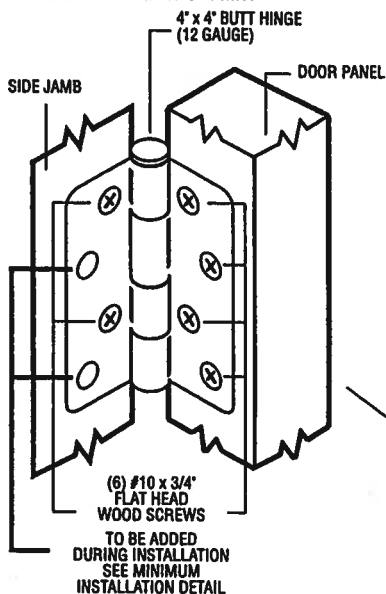


Test Data Review Certificate #3026447A; #3026447B; #3026447C and COP/Test Report Validation Matrix #3026447A-001, 002, 003; #3026447B-001, 002, 003; #3026447C-001, 002, 003 provides additional information - available from the ITS/WH website (www.itsmko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

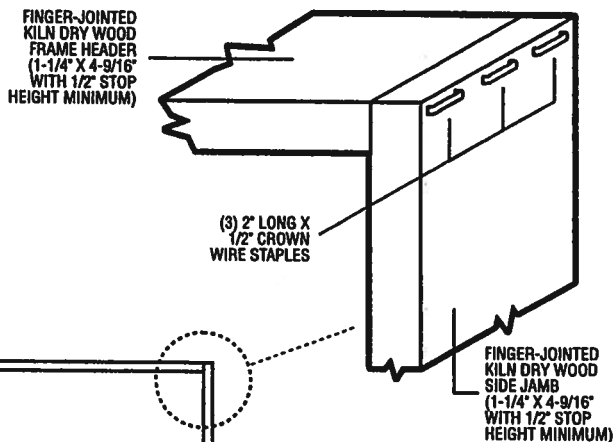


OUTSWING UNITS WITH SINGLE DOOR

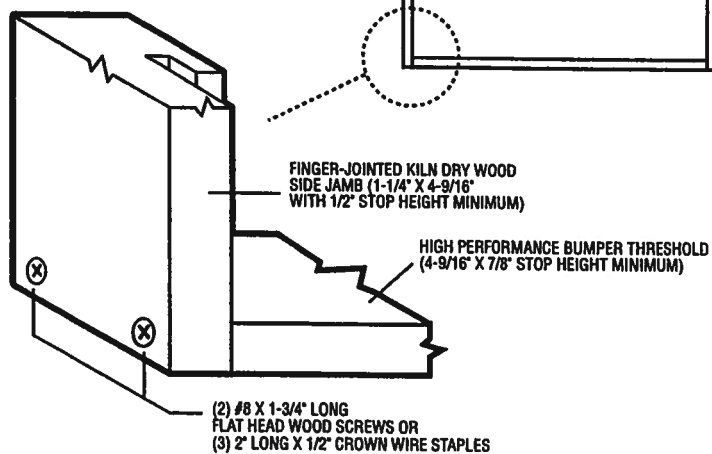
TYPICAL HINGE ATTACHMENT



TYPICAL HEADER & SIDE JAMB ATTACHMENT



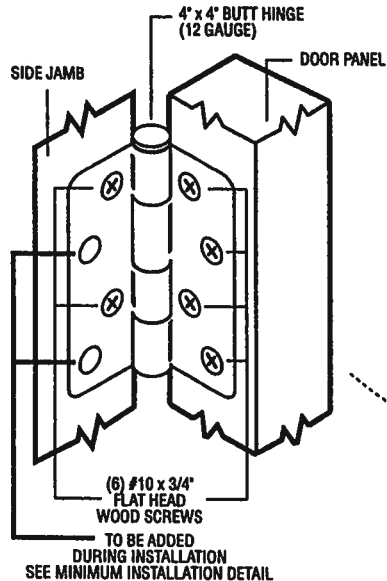
TYPICAL THRESHOLD & SIDE JAMB ATTACHMENT



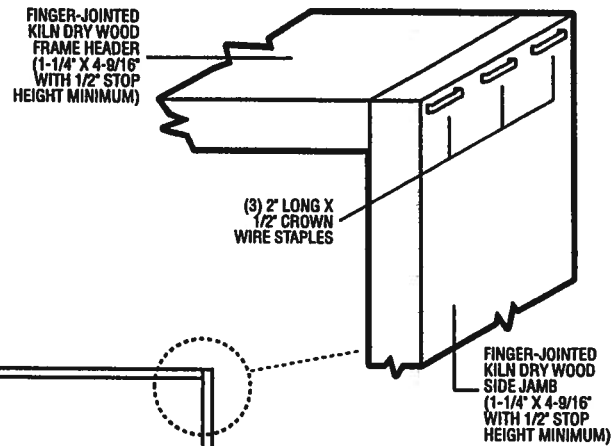
Test Data Review Certificate
#3026447A; #3026447B;
#3026447C and COP/Test Report
Validation Matrix #3026447A-001,
002, 003; #3026447B-001, 002,
003; #3026447C-001, 002, 003
provides additional information -
available from the ITS/WH website
(www.etsemko.com), the Masonite
website (www.masonite.com) or
the Masonite technical center.

INSWING UNIT WITH SINGLE DOOR

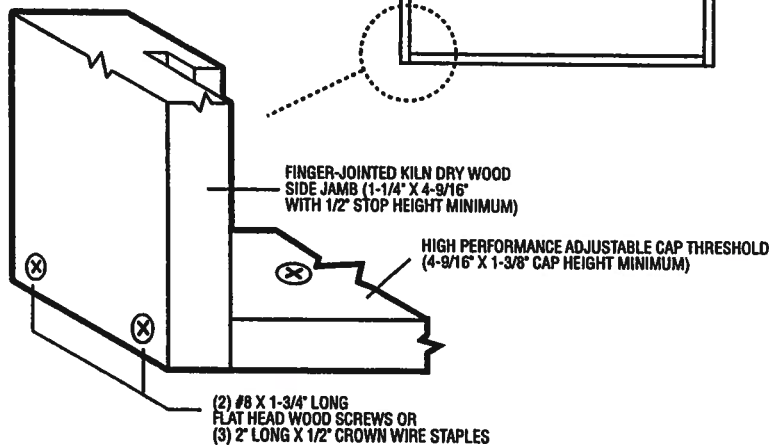
TYPICAL HINGE ATTACHMENT



TYPICAL HEADER & SIDE JAMB ATTACHMENT



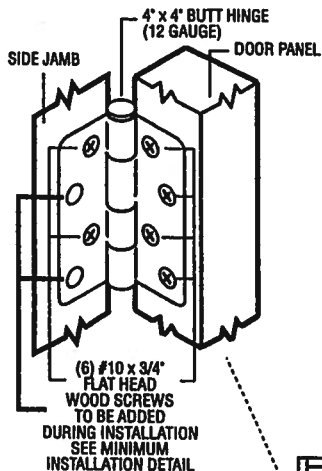
TYPICAL THRESHOLD & SIDE JAMB ATTACHMENT



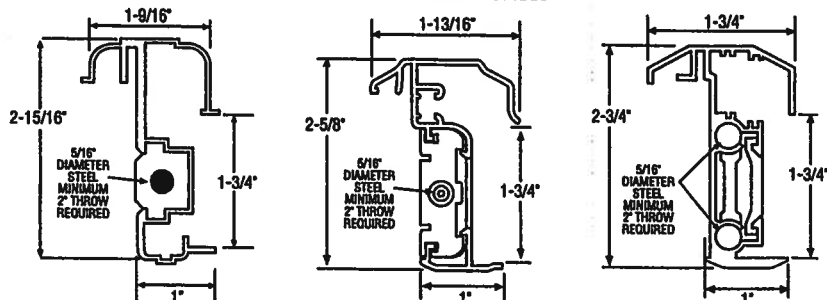
Test Data Review Certificate
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#3026447C and COP/Text Report
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003; #3026447C-001, 002, 003
provides additional information -
available from the ITS/WH website
(www.itswh.com), the Masonite
website (www.masonite.com) or
the Masonite technical center.

INSWING UNIT WITH DOUBLE DOOR

TYPICAL HINGE ATTACHMENT



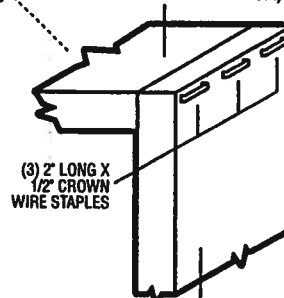
TYPICAL ASTRAGAL PROFILES



ALUMINUM EXTRUDED ASTRAGAL (0.06\"/>

TYPICAL HEADER & SIDE JAMB ATTACHMENT

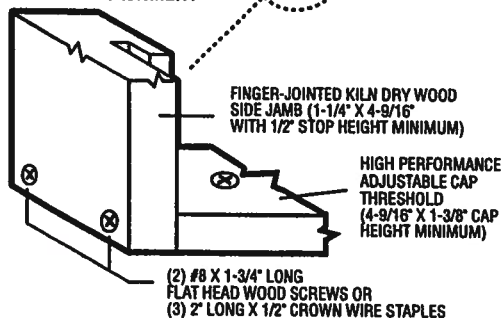
FINGER-JOINTED KILN DRY WOOD FRAME HEADER (1-1/4\"/>



FINGER-JOINTED KILN DRY WOOD SIDE JAMB (1-1/4\"/>

(3) FOR 7'0\"/>

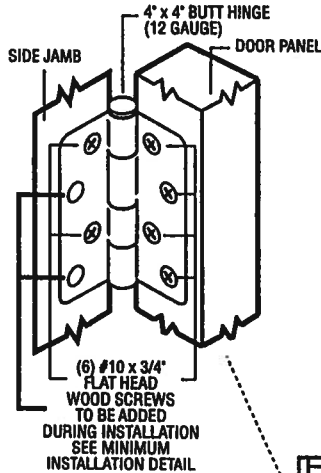
TYPICAL THRESHOLD & SIDE JAMB ATTACHMENT



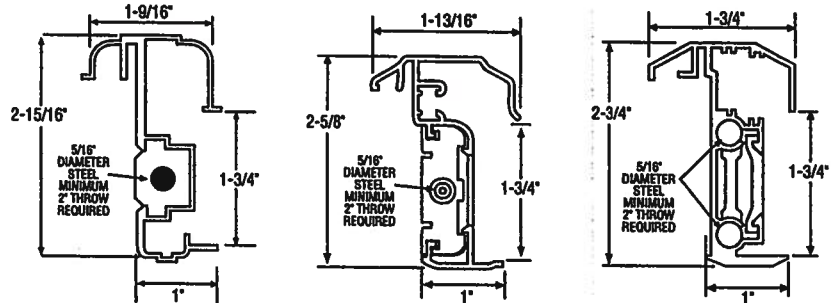
Test Data Review Certificate
#3026447A; #3026447B;
#3026447C and COP/Test Report
Validation Matrix #3026447A-001,
002, 003; #3026447B-001, 002,
003; #3026447C-001, 002, 003
provides additional information -
available from the ITS/WH website
(www.itsemko.com), the Masonite
website (www.masonite.com) or
the Masonite technical center.

INSWING UNIT WITH DOUBLE DOOR

TYPICAL HINGE ATTACHMENT

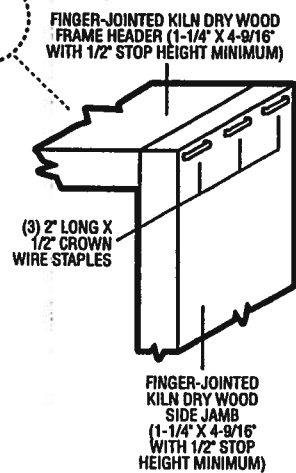


TYPICAL ASTRAGAL PROFILES



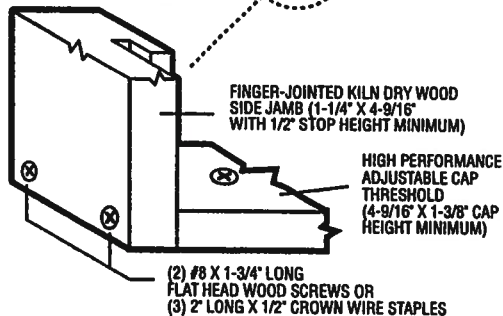
ALUMINUM EXTRUDED ASTRAGAL (0.06" MINIMUM WALL THICKNESS) WITH ADDED REINFORCEMENT INSERTS AT TOP EXTENSION BOLT, BOTTOM EXTENSION BOLT AND CYLINDRICAL/DEADBOLT LATCHING LOCATIONS. ATTACH WITH #8 X 1" PAN HEAD SCREWS - LOCATE 1" FROM EACH END MINIMUM AND 22" O.C. MAXIMUM.

TYPICAL HEADER & SIDE JAMB ATTACHMENT



(3) FOR 7'0" HEIGHT OR SMALLER
(4) FOR HEIGHTS GREATER THAN 7'0"

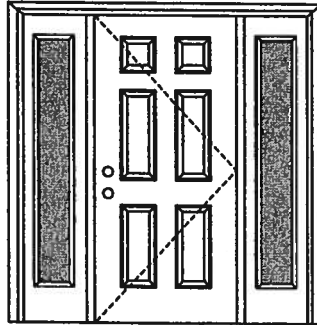
TYPICAL THRESHOLD & SIDE JAMB ATTACHMENT



Test Data Review Certificate
#3026447A; #3026447B;
#3026447C and COP/Test Report
Validation Matrix #3026447A-001,
002, 003; #3026447B-001, 002,
003; #3026447C-001, 002, 003
provides additional information -
available from the ITS/WH website
(www.etsmko.com), the Masonite
website (www.masonite.com) or
the Masonite technical center.

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.itswh.com), the Masonite website (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".

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

Design Pressure

+57.0/-57.0 with maximum sidelite panel width of 1'2"

+45.0/-45.0 with maximum sidelite panel width of 3'0"

limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is NOT REQUIRED on opaque panels, but is required on glazed panels.

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-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:



Flush



Arch Top 3-panel



3-panel



6-panel



New England 4-panel



Eye brow 4-panel



8-panel



9-panel



15-panel



5-panel



5-panel with scroll



Eye brow 5-panel

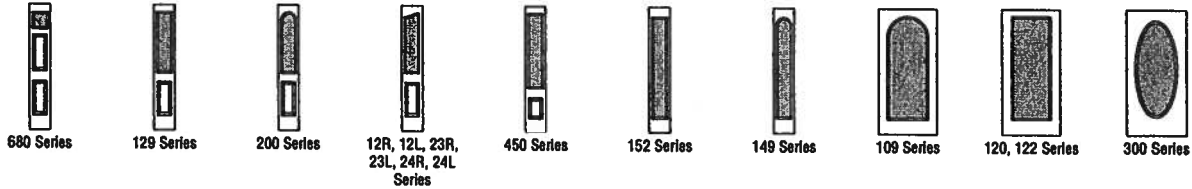


Eye brow 5-panel with scroll



WOOD-EDGE STEEL DOORS

APPROVED SIDELITE STYLES:



CERTIFIED TEST REPORTS:

NCTL 210-1905-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL-210-1880-7, 9, 10, 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. 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
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).

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.etsemko.com), the Masonite website (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.

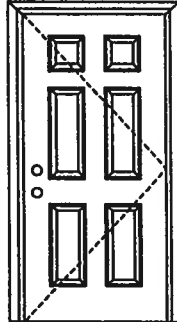


Exclusively from
Masonite®

Masonite International Corporation

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".



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), the Masonite website (www.masonite.com) or the Masonite technical center.

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

Design Pressure
+66.0/-66.0
limited water unless special threshold design is used.

Large Missile Impact Resistance
Hurricane protective system (shutters) is NOT REQUIRED.

Actual design pressure and impact 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-MA0001-02.

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:



Flush



Arch Top 3-panel



3-panel



6-panel



New England 4-panel



Eyebrow 4-panel



8-panel



9-panel



15-panel



5-panel



5-panel with scroll



Eyebrow 5-panel



Eyebrow 5-panel with scroll

X

Opaque Inswing Unit

COP-WL-JH4101-02

WOOD-EDGE STEEL DOORS

CERTIFIED TEST REPORTS:

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.

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 Balth

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.itsmko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

2

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EntrySystems

June 17, 2002

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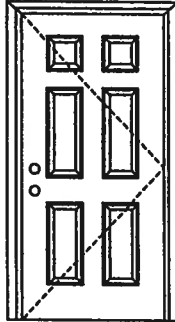
Exclusively from

Masonite International Corporation

X

Opaque Outswing Unit

COP-WL-JH4121-02

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".



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), the Masonite website (www.masonite.com) or the Masonite technical center.

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

Design Pressure
+66.0/-66.0
limited water unless special threshold design is used.

Large Missile Impact Resistance
Hurricane protective system (shutters) is NOT REQUIRED.

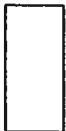
Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0011-02.

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:

Flush



Arch Top 3-panel



3-panel



6-panel



New England 4-panel



Eyebrow 4-panel



8-panel



9-panel



15-panel



5-panel



5-panel with scroll



Eyebrow 5-panel



Eyebrow 5-panel with scroll

Johnson™
EntrySystems

June 17, 2002

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Exclusively from

Masonite®
Masonite International Corporation

X

Opaque Outswing Unit

COP-WL-JH4121-02

WOOD-EDGE STEEL DOORS

CERTIFIED TEST REPORTS:

NCTL 210-2178-1, 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.

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 bumper 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).



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.etsmko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

2

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



MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1503
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Premdor Entry Systems
911 E. Jefferson, P.O. Box 76
Pittsburgh, KS 66762

Your application for Notice of Acceptance (NOA) of:
Entergy 6-8 S/E Inswing Opaque Double w/sidelites Residential Insulated Steel Door
under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 01-0314.23
EXPIRES: 04/02/2006

Raul Rodriguez
Chief Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 06/05/2001

Premdor Entry Systems

ACCEPTANCE No: 01-0314.23

APPROVED : JUN 05 2001

EXPIRES : April 02, 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1 This renews the Notice of Acceptance No. 00-0321.25 which was issued on April 28, 2000. It approves a residential insulated door, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

- 2.1 The Series Entergy 6-8 S/E Inswing Opaque Double Residential Insulated Steel Doors with Sidelites-Impact Resistant Door Slab Only and its components shall be constructed in strict compliance with the following documents: Drawing No 31-1029-EM-I, Sheets 1 through 6 of 6, titled "Premdor (Entergy Brand) Double Door with Sidelites in Wood Frames with Bumper Threshold (Inswing)," prepared by manufacturer, dated 7/29/97 with revision C dated 01/11/00, bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1 This approval applies to single unit applications of pair of doors and single door only, as shown in approved drawings. Single door units shall include all components described in the active leaf of this approval.
- 3.2 Unit shall be installed only at locations protected by a canopy or overhang such that the angle between the edge of canopy or overhang to sill is less than 45 degrees. Unless unit is installed in non-habitable areas where the unit and the area are designed to accept water infiltration.

4. INSTALLATION

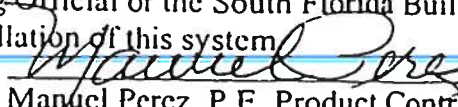
- 4.1 The residential insulated steel door and its components shall be installed in strict compliance with the approved drawings.
- 4.2 Hurricane protection system (shutters):
- 4.2.1 Door: the installation of this unit will not require a hurricane protection system.
- 4.2.2 Sidelite: the installation of this unit will require a hurricane protection system.

5. LABELING

- 5.1 Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved".

6. BUILDING PERMIT REQUIREMENTS

- 6.1 Application for building permit shall be accompanied by copies of the following:
- 6.1.1 This Notice of Acceptance
- 6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
- 6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.


Manuel Perez, P.E. Product Control Examiner
Product Control Division

Premdor Entry Systems

ACCEPTANCE No. 01-0314.23

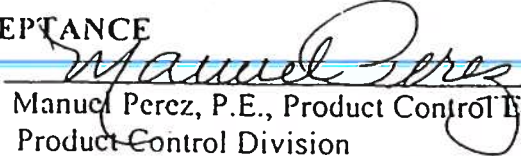
APPROVED : JUN 05-2001

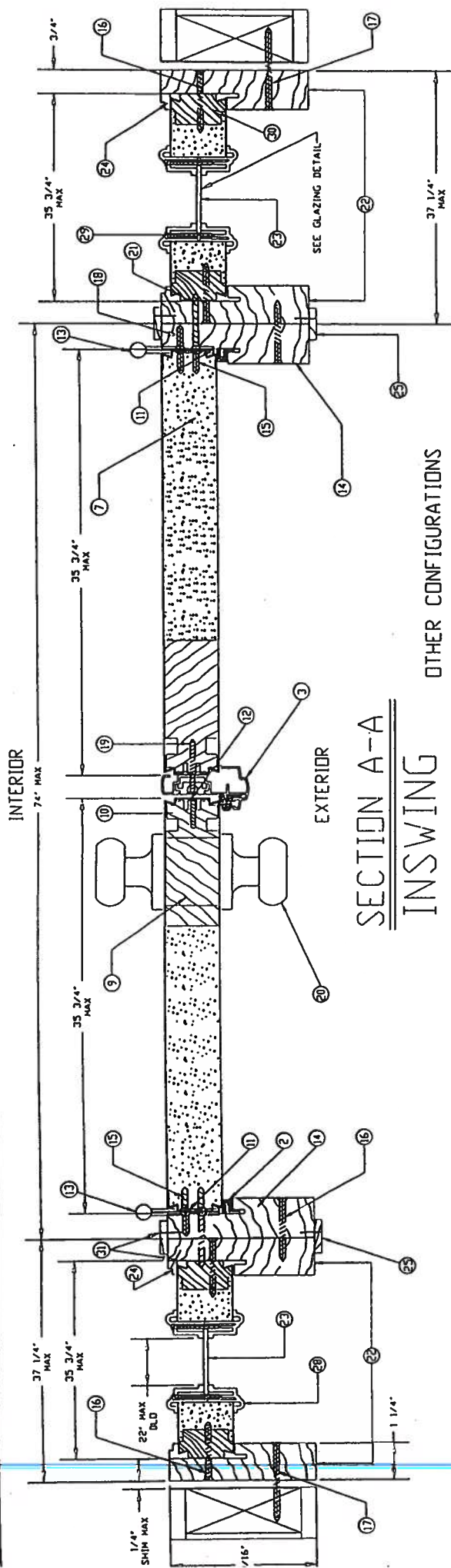
EXPIRES : April 02, 2006

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

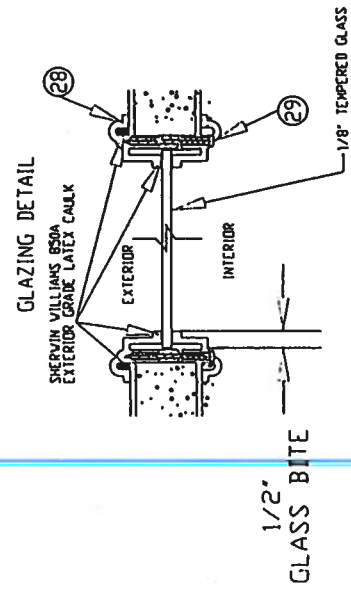
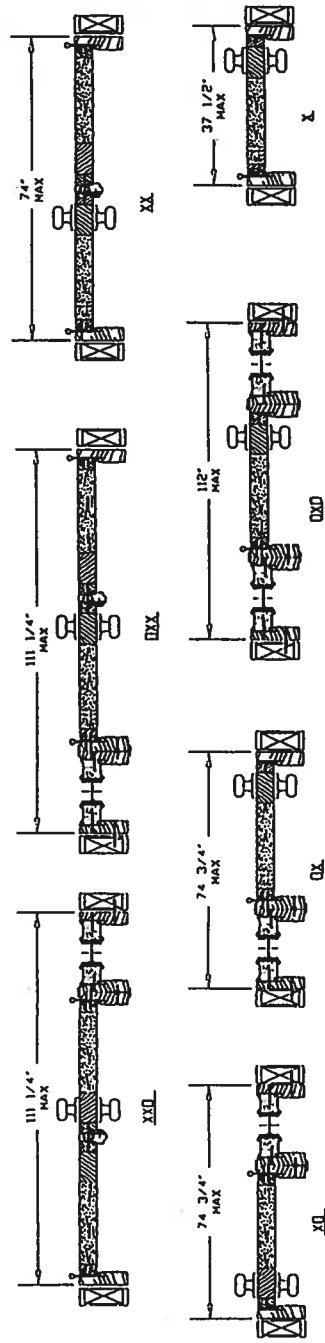
1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes.
 - b. The product is no longer the same product (identical) as the one originally approved.
 - c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
 - d. The engineer who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a. Unsatisfactory performance of this product or process.
 - b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer needs not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

END OF THIS ACCEPTANCE


Manuel Perez, P.E., Product Control Examiner
Product Control Division



OTHER CONFIGURATIONS



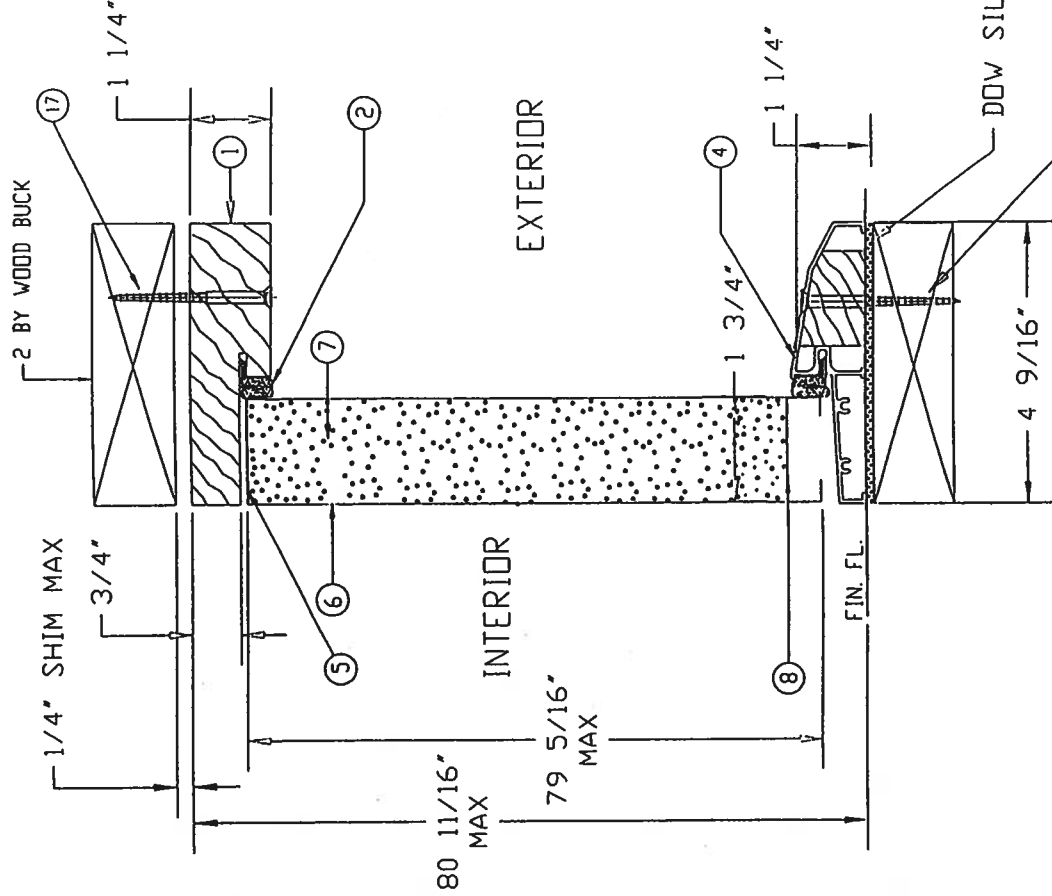
APPROVED AS OCCUPYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE JUN 09 2001
BY *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0314-23

DATE		DESCRIPTION	BY	DATE
10/1/00	10/1/00	ADDED PAGE 5 (DOOR OPTIONS)	RS	
10/1/00	10/1/00	ADDED SCREWS TO LITE FRAMES	RS	
10/1/00	10/1/00	ADDED OTHER DOOR CONFIGURATIONS	RS	
10/1/00	10/1/00	REVISIONS	RS	
10/1/00	10/1/00	PRELIMINARY	RS	
10/1/00	10/1/00	REVISION LETTER	RS	

31-1029-EM-1
SHEET 2 OF 6

MATERIALS LIST

ITEM NO.	DESCRIPTION	PART NUMBER	COMMENTS
1	WOOD HEAD JAMB	EM-14	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
2	COMPRESSION WEATHERSTRIP	EM-25	LOCKSCREEN BRAND LOXSEAL 9650-BRONZE
3	ALUMINUM ASTRAGAL	EM-12	PREMIOR BRAND OR EQUIVALENT - 5/8" ALUMINUM ASTRAGAL
4	ALUMINUM-BUMPER THRESHOLD	EM-15	PREMIOR BRAND OR EQUIVALENT - 1 1/4" X 4 9/16"
5	TOP CHANNEL	EM-08	PREMIOR BRAND - 1 1/16" - 20 GA STEEL
6	STEEL SKIN	26 GA. 0.017" DIA. - .000	MAX. TELL STRIP 2.0 IN. MAX. THICKNESS PER LOCAL TEST REPORT IS 87
7	POLYURETHANE FOAM CORE	BASF FOAM -	DENSITY 2.0 TO 2.5 LBS./FT ³
8	BOTTOM CHANNEL	EM-07	PREMIOR BRAND - 1 1/16" - 20 GA STEEL
9	WOOD LOCK BLOCK	EM-09	4" X 9 1/2" MTL. TO BE PINE OR EQUIVALENT
10	STRIKE STILE	EM-06	PREMIOR BRAND - 1 1/16" - 20 GA STEEL
11	HINGE STILE	EM-05	PREMIOR BRAND - 1 1/16" - 20 GA STEEL
12	LOCK PREP FILLER PLATE	EM-10	PREMIOR BRAND - .050" THICK - MTL. TO BE POLYETHYLENE
13	4"x4" HINGE	EM-16	HAGER BRAND HINGE OR EQUIVALENT - .097 THICK (STEEL)
14	WOOD HINGE JAMB	EM-13	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
15	#10-24 X 1/2" F.H.V.S.		(4) SCREWS PER HINGE INTO DOOR
16	#10 X 2" F.H.V.S.		(5) SCREWS THROUGH HINGE JAMB INTO SIDELITE JAMB, 8" DOWN FROM TOP, MAX 18" O.C. THEREAFTER (10) SCREWS THROUGH STRIKE JAMB INTO SIDELITE JAMB, 4" DOWN FROM TOP, MAX 8" O.C. THEREAFTER (6) SCREWS THROUGH EACH SIDELITE JAMB INTO SIDELITE, 4" DOWN FROM TOP, MAX 15" O.C. THEREAFTER
17	1/8" F.H.V.S. VARIOUS 1 1/2" CENTER TO 3/16" F.H. JACKING VARIOUS 1 1/2" CENTER		REFER TO ELEVATION VIEW, FOR # OF SCREWS USED AND LOCATIONS
18	#10 X 3/4" F.H.V.S.		(2) SCREWS PER HINGE INTO JAMB
19	#8 X 2" F.H.V.S.		(2) SCREWS AT EACH STRIKE PLATE
20	LOCKSET		KWIKSET BRAND 200 LOCK OR HARLDC BRAND 100 LOCK
21	#10 X 1 3/4" F.H.V.S.		(2) SCREWS PER HINGE INTO JAMB
22	WOOD SIDELITE JAMB	EM-18	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
23	22" X 64" SINGLE PANEL GLASS	EM-19	TEMPERED GLASS IN POLYPROPYLENE FRAME - DC-1643 - (OIL - 2)
24	SIDELITE TRIM (WOOD)	EM-20	5/16" X 1/2" MTL. TO BE PINE OR EQUIVALENT
25	WOOD CASING	EM-21	1/8" X 1 1/2" MTL. TO BE PINE OR EQUIVALENT - ITEMS ARE HOLDINGS USED FOR SIDE BY SIDE JAMBS AS MILLIONS
26	WOOD SIDELITE HEAD JAMB	EM-22	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
27	WOOD SIDELITE BASE	EM-23	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
28	POLYPROPYLENE LITE FRAME	DC-1643, OIL-2	HP Polypropylene by OIL
29	#6 X 1 1/2" PAN HEAD SCREWS		SCREWS SPACING TO BE 3" IN FROM EACH CORNER AND NOT PER FRAME TO EXCEED 14" O.C. THEREAFTER
30	SIDELITE STILES	EM-26	15/16" X 1 1/16" MTL. TO BE PINE OR EQUIVALENT
31	PIN NAIL		3/4" LONG NAIL, 4" IN FROM END, MAX 8" O.C. THEREAFTER, USED ON MILLIONS AND TRIM



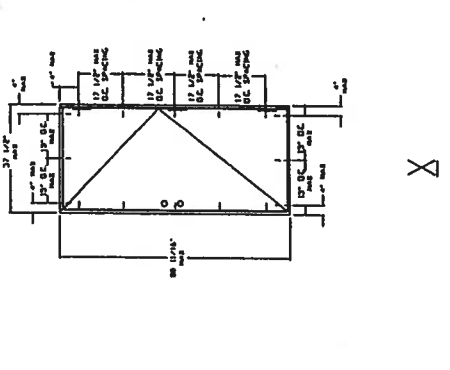
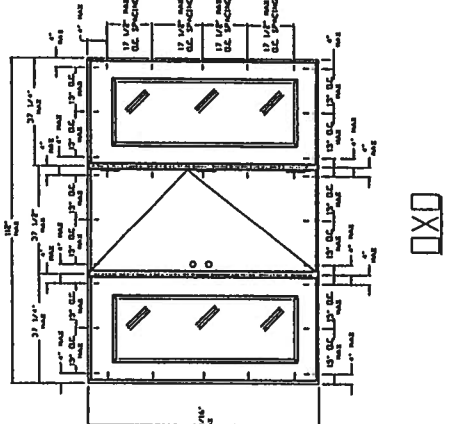
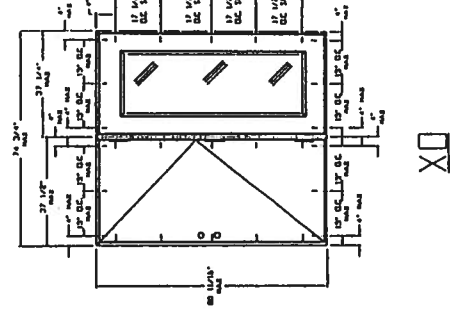
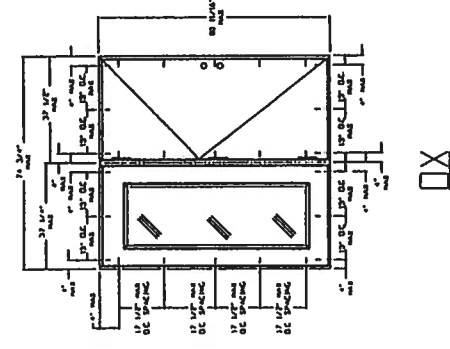
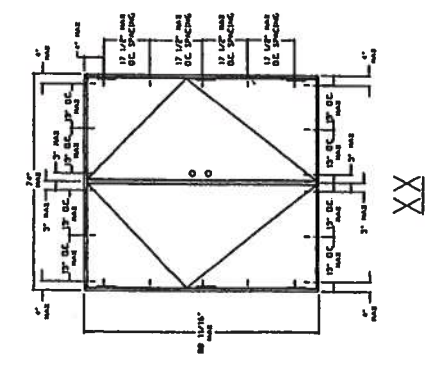
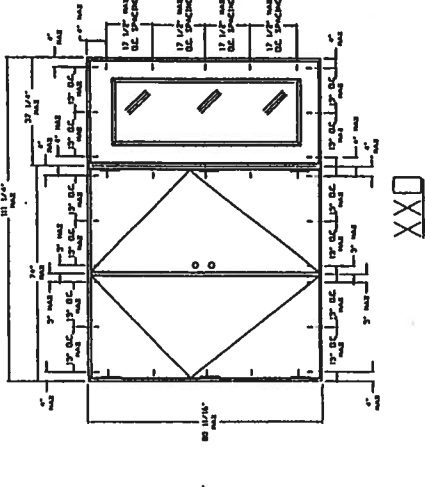
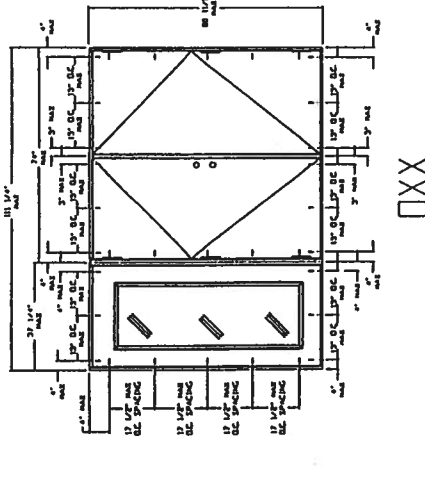
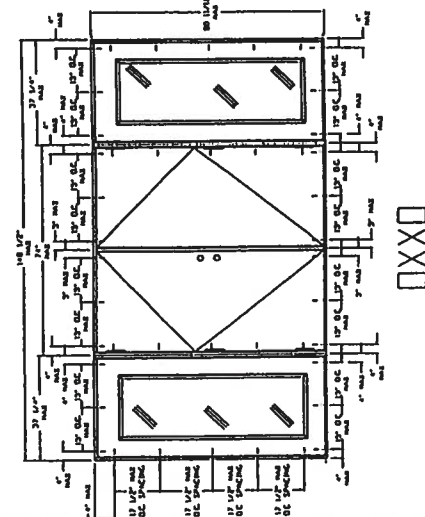
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APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE: JUN 05 2001
BY: [Signature]
PROJECT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0314-23

SECTION B-B

LIMITS: UNLESS NOTED, FABRICATION: DEC: 1997: ANG: 1/11/01: JD	B	DATE COUNTY MODIFICATIONS	1/11/01	JD
EXTENSIONS: UNLESS NOTED, STL. COM. 10/1/98: RS	A	ADDED PAGE 5 (COLOR OPTIONS)	10-1-98	RS
ENGINEER:	UP	REVISIONS	DATE	BY
DR. BY R.S.	DATE 7-29-97	SCALE:		
PREMIOR ENTRY SYSTEMS				
911 E. JEFFERSON				
PITTSBURG, KS. 66702				
31-1029-EM-I				
SHEET 3 OF 6				
REVISION LETTER B				

OTHER DOOR CONFIGURATIONS



LIMITS UNLESS NOTED, F.W.C. : R.C. : A.S.C. :
EXTRUSIONS UNLESS NOTED, STD. COM. 100.3

ENGINEER: _____

DATE: 1-11-01

PREMIER ENTRY SYSTEMS

911 E. ESTERON

PHILADELPHIA, PA 19106

31-1029-EM-I

SHEET 5 OF 6

REVISION 12/11/01

REVISIONS: _____

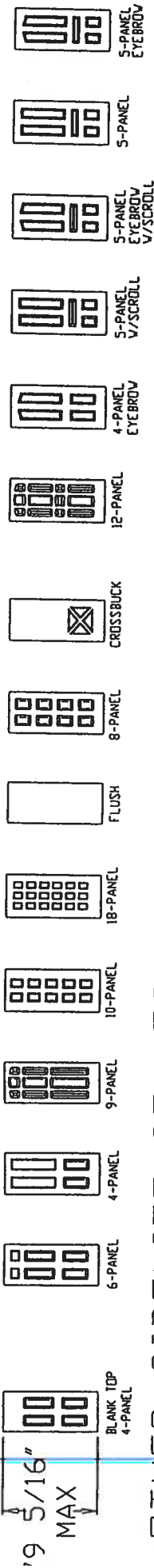
DATE: _____

BY: _____

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE: JUN 05 2009
BY: *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-03147-23

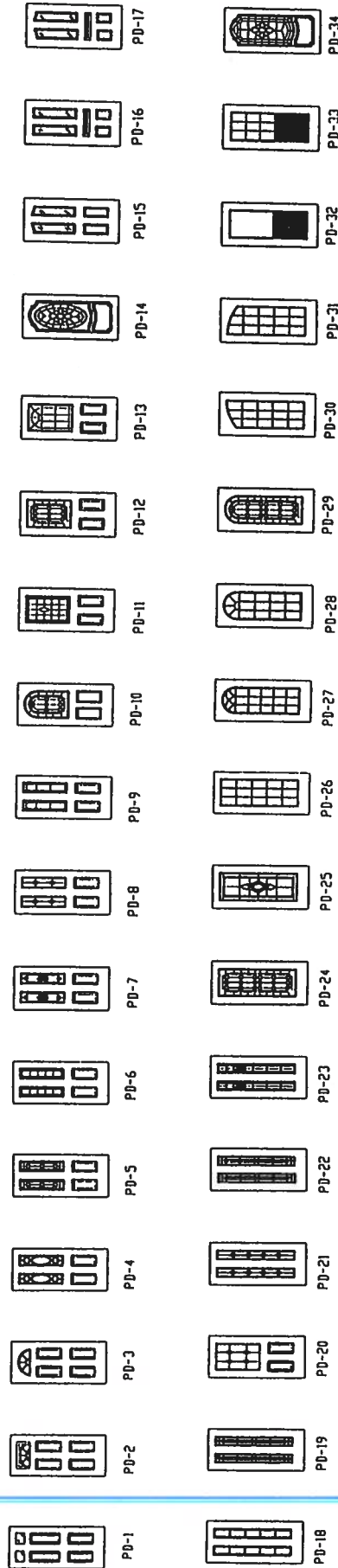
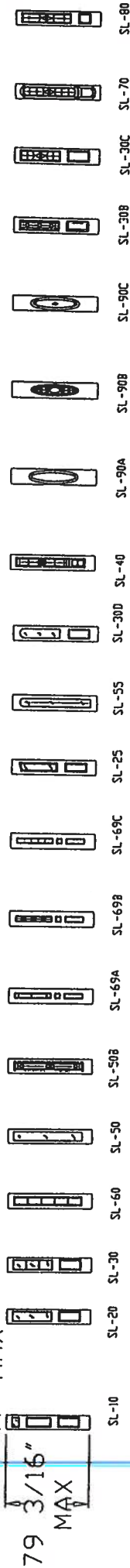
OTHER DOOR PANEL STYLES

36" MAX
19 5/16" MAX
BLANK TOP
4-PANEL



OTHER SIDELITE STYLES

36" MAX
79 3/16" MAX



APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE JUN 05 2001
BY *W. J. D.*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0314-23

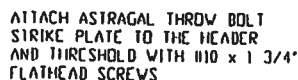
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PREMIOR ENTRY SYSTEMS

31-1029-EM-I
SHEET 6 OF 6

REVISION LETTER

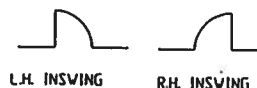
B10 = 1 1/2" MINIMUM EMBEDMENT
(12) PER HEAD & SHL, (5) PER JAIL
ALTERNATE: 3/16" PTH TAPCONS
w/ 1 1/2" MINIMUM EMBEDMENT



2.) WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3.) THE PRECEDING DRAWINGS ARE INTENDED TO QUALIFY THE FOLLOWING INSTALLATIONS.

1. WOOD FRAME CONSTRUCTION WHERE DOOR SYSTEM IS ANCHORED TO A MINIMUM TWO BY WOOD JOINTING.
2. MASONRY OR CONCRETE CONSTRUCTION WHERE DOOR SYSTEM IS ANCHORED TO A MINIMUM TWO BY STRUCTURAL WOOD BUCK.
3. MASONRY OR CONCRETE CONSTRUCTION WHERE DOOR SYSTEM IS ANCHORED DIRECTLY TO CONCRETE OR MASONRY WITH OR WITHOUT A NON-STRUCTURAL LINE BY WOOD BUCK.
4. ALL ANCHORING SCREWS TO BE #10 WITH MINIMUM 1 1/2" EMBEDMENT INTO WOOD SUBSTRATE OR 3/16" P.F.H. TAPCONS WITH 1 1/2" MINIMUM EMBEDMENT INTO MASONRY.
5. UNIT MUST BE INSTALLED WITH 'MIAMI-DADE COUNTY APPROVED' SHUTTERS
6. THREE STAPLES PER SIDE JAMB INTO HEADER ON SIDELITES AND DOOR, THREE STAPLES PER JAMB INTO THRESHOLD ON SIDELITES AND DOOR.
7. LATEX SEALANT TO BE APPLIED AT SIDE BY SIDE JAMBS AND SIDELITES.

1. DOOR/SIDELITE HEADER, DOOR/SIDELITE JAMBS, AND SIDELITE BASE
CORNERS ARE COPED AND BUTT JOINED.
1. DOORS SHALL BE PRE-PAINTED WITH A WATER-BASED EPOXY RUST
INHIBITIVE PRIMER PAINT WITH A DRY FILM THICKNESS OF 0.8 TO 1.2 MIL.
1. FRAMES SHALL BE PRE-PAINTED WITH AN ACRYLIC LATEX WATER-BASED/
WATER-REDUCIBLE WHITE PRIMER WITH A DRY FILM THICKNESS OF 0.8 TO 1.2 MIL



DESIGN PRESSURE RATINGS		
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED *	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
Positive	NOT APPROVED *	+55.0 psf
Negative	NOT APPROVED *	-55.0 psf

* UNITS SHALL BE INSTALLED ONLY AT LOCATIONS PROTECTED BY A CANOPY OR OVERHANG SUCH THAT THE ANGLE BETWEEN THE EDGE OF CANOPY OR OVERHANG TO SILL IS LESS THAN 45 DEGREES. UNLESS UNIT IS INSTALLED IN NON-HABITABLE AREAS WHERE THE UNIT AND THE AREA ARE DESIGNED TO ACCEPT WATER INFILTRATION.

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE JUN 05 2001
BY M. J. Terry
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0314.23

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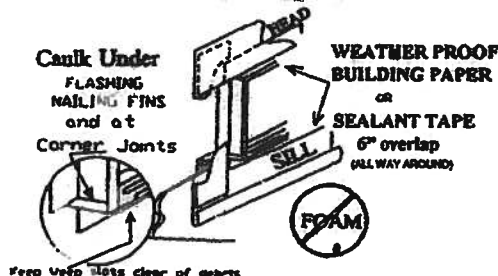
INSTALLATION INSTRUCTIONS ROUGH OPENING

Be sure to Check your window series size for correct call-out size.

FLASHING & INSTALLATION

1. All series of windows rough openings will be call out with exception of series 4300. Series 4300 rough opening requires $\frac{1}{2}$ " added to width and height.
2. **SILL:** Cut weather resistant building material (minimum 6" wide) to fit horizontally immediately below the sill extending 6" past each side of rough opening. Apply sealant to top lip of flashing and fasten across top. Leave bottom of sill flashing loose for further wall treatment.
3. **INSTALL WINDOW:** Apply sealant around interior side of nailing fin and to outside joints at each corner of the window. Use shim blocks as necessary to sit window level and square. Fasten with 1 $\frac{1}{2}$ " galvanized roofing nails or #8 sheet metal screws no less than 3" from corners and maximum 12" apart. Fasteners must be driven straight into wall, not at angle. Do not use power nailers as they may damage and bow nailing fin. Test opening sash during process.
4. **JAMBS:** Next, cut and apply sealant to edge of 6" weatherproof building material and fasten over window jamb nailing s. Jamb flashing should extend six inches above head and below sill.
5. **HEAD:** Apply sealant and fasten 6" weatherproof building material over window head nailing fin and extending on each side 6" to cover jamb flashing.
6. **NAILING:** Nailing fin is not a water-moisture barrier.
7. **COOLING - HEATING:** Vents facing windows can cause excessive condensation to form.

FLASHING GUIDE



ATTENTION

Action Window Technology recognizes the California Association of Window Manufacturers (CAWM) Practice of Window Installation in Wood Frame Construction.

Proper flashing, or sealing, is necessary as a secondary barrier to stop water from entering between the window frame and rough opening. It is not Action Window Technology's responsibility to design or recommend a flashing system appropriate to each job condition.

The responsibility for properly installing a flashing system into a weather resistant barrier for the entire building is the responsibility of the General Contractor or his agent.

Action Window Technology guidelines do not supercede Federal, State or local codes

CONSULT WITH LOCAL BUILDING CODES BEFORE INSTALLATION.

CERTIFIED TESTING LABORATORIES

Architectural Division • 7252 Narcoossee Rd. • Orlando, FL 32822

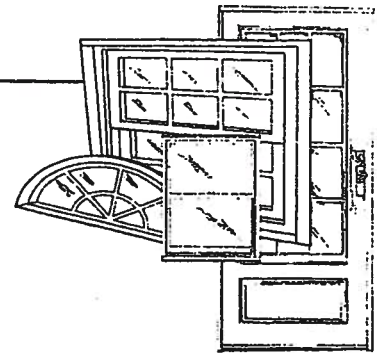
(407) 384-7744 • Fax (407) 384-7751

Web Site: www.ctlarch.com

E-mail: ctlarch.com

Report Number: CTLA-991W-1-AWT

Report Date: February 18, 2003



STRUCTURAL PERFORMANCE TEST REPORT

Client: ACTION WINDOOR TECHNOLOGY INC.
1312 W. CROSBY ROAD
CARROLLTON, TX 75006

Product Type and Series: AWT Series 3950 Vinyl Fin Frame Single Hung Window with Reinforced Sash Top Rail, Stiles & Meeting Rail H-R40 (36" x 72")

Test Specifications: AAMA/NWWDA 101/I.S.2-97 "Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors"

Frame: Vinyl Fin frame measured 35.50" wide x 71.50" high overall. Mitered corner weld construction. Fixed meeting rail secured to each frame jamb with one (1) #8 x 2" PH., PH. screw.

Ventilator: Operable sash measured 33.375" wide x 35.25" high overall. Mitered corner weld construction. Clear lite measured 31.5625" high x 33.5625" high. Fixed lite measured 32.50" wide x 33.4375" high.

Weather Stripping: One (1) strip of woolpile .220" high with integral plastic fin frame sill. One (1) strip of woolpile .250" high with integral plastic fin sash top rail exterior. One (1) strip of woolpile .250" high each sash stile exterior leg. One (1) strip of woolpile .250" high with integral plastic fin each sash stile interior leg. One (1) strip of foam filled bulb weatherstrip sash bottom rail.

Hardware & Location: Two (2) metallic sweep locks located on sash top rail approx 8" from each end of rail. Two (2) metallic keepers located on fixed meeting rail. One (1) tilt latch at each end of sash top rail. One (1) block and tackle at each frame jamb. One (1) pivot bar at each end of sash bottom rail.

Glazing: 5/8" insulated annealed glass consisting of .125" glass .375" air space with swiggle .125" glass. Sash exterior glazed. Fixed lite interior glazed adhesive foam strip backbedding and vinyl snap in glazing bead.

Sealant: A silicone type sealant was used on sill and to seal specimen to test buck.

Weep System: Weep notch measuring 2.25" x leg height located each end of sill weeping to the exterior.

Muntins: N/A

Reinforcement: Fixed meeting rail has one (1) piece of extruded aluminum reinforcement measuring .662" wide x .755" high x .099" thick x full length. Top rail, and sash stiles has one (1) piece of extruded aluminum reinforcement measuring .590" wide x .995" high x .115" thick x full length.

Additional Description: N/A

Screen: Roll formed aluminum frame, fiberglass mesh with vinyl spline. Two (2) metallic retainer clips and two (2) metallic plungers. Corners secured with plastic corner keys

Installation: Twenty-six (26) 1.75" roofing nails were used to secure the specimen to the wood test buck. Five (5) were located in head and sill measuring 4", 13", 21", 29", and 33" from left jamb. Eight (8) were located in each jamb measuring 4.50", 14.25", 24", 32.75", 42", 57.25", 60.50" and 70" from sill.

Surface Finish: White Vinyl

Comment: Nominal 2 mil polyethylene film was used to seal against air leakage during structural loads. The film was used in a manner that did not influence the test results.

Performance Test Results

<u>Paragraph No</u>	<u>Title of Test</u>	<u>Method</u>	<u>Measured</u>	<u>Allowed</u>
2.1.2	Air Infiltration @1.57 psf	ASTM E283-91	.18 cfm/ft ²	.34 cfm/ft ²
The tested specimen meets or exceeds the performance levels specified in AAMA/NWDA 101/I.S.2-97. Results recorded in two (2) decimals at the clients request. Unit tested with shims installed under cam locks.				
2.1.3	Water Resistance @ 5.0 gph/ft ²	ASTM E547-93 Four (4) five (5) minute cycles	No Entry	No Entry
	WTP= 6.75 psf	ASTM E331-93 Fifteen (15) minute duration	No Entry	No Entry
Unit tested with insect screen.				
2.1.3	Water Resistance @ 5.0 gph/ft ²	ASTM E547-93 Four (4) five (5) minute cycles	No Entry	No Entry
	WTP= 6 psf	ASTM E331-93 Fifteen (15) minute duration	No Entry	No Entry
Unit tested without insect screen.				
2.1.4.2	Uniform Load Structural Permanent Deformation @ 60 psf positive @ 60 psf negative	ASTM E330-90 Ten (10) second load	.015" .005"	.134" .134"
2.1.8	Forced Entry Resistance	AAMA 1302.5-76		
	Test A		0"	½"
	Test B		0"	½"
	Test C		0"	½"
	Test D, E and F		0"	½"
	Test G		0"	½"

Performance Test Results (continued)

<u>Paragraph No</u>	<u>Time of Test</u>	<u>Method</u>	<u>Measured</u>	<u>Allowed</u>
2.2.2.5.1	Operating Force Sash	AAMA/NWWDA 101/I.S.2-97	18 lbs.	30 lbs.
2.2.2.5.2	Deglazing	ASTM E987-88		
	Top Rail 70 lbs.		.039" = 7.8%<100%	
	Bottom Rail 70 lbs.		.038" = 7.6%<100%	
	Left Side 50 lbs.		.050" = 10%<100%	
	Right Side 50 lbs.		.035" = 7.0%<100%	
2.1.7	Welded Corner Test	AAMA/NWWDA 101/ IS2-97	Passed	

Test Date November 21, 2002

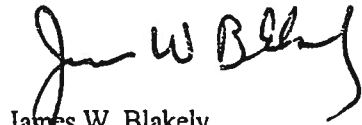
Test Completion Date: November 21, 2002

Remarks: Detailed drawings were available for laboratory records and comparison to the test specimen at the time of this report. A copy of this report along with representative sections of the test specimen will be retained by CTL for a period of four (4) years. The results obtained apply only to the specimen tested.

This test report does not constitute certification of this product, but only that the above test results were obtained using the designated test methods and they indicate compliance with the performance requirements (paragraphs as listed) of the above referenced specifications.

Certified Testing Laboratories assumes that all information provided by the client is accurate and that the physical and chemical properties of the components are as stated by the manufacturer.

Certified Testing Laboratories, Inc.



James W. Blakely
Vice President
Architectural Division

cc: Action Windoor Technology Inc. (3)
File (1)

1782.2	SERIES 3950 VINYL	BRICK MOLD
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: SERIES 2000 ALUMINUM-44 X 72 R55 SERIES 2000 ALUMINUM-47 X 71 R40 SERIES 4300 44 X 72 H-R30 SERIES 4300 44 X 72 H-R35 (MODIF) SERIES 3950 44 X 60 H-R40		Certification Agency Certificate Installation Instructions Verified By:

SERIES 420/430/440 SLIDING GLASS DOORS

THIS FENESTRATION PRODUCT COMPLIES* WITH THE
NEW FLORIDA BUILDING CODE

FOR RESIDENTIAL BUILDINGS WITH A MEAN ROOF HEIGHT OF 30 FT. OR LESS,
EXPOSURE "B" (WHICH IS INLAND OF A LINE THAT IS 1500' FROM THE COAST),
AND WALL ZONE "5" (INSTALLED NEAR THE CORNER OF A BUILDING).

PER ASTM E1300, THE CORRECT GLASS THICKNESS, BASED ON THE NEGATIVE
DESIGN PRESSURE (DP) LISTED BELOW, HAS BEEN INSTALLED IN THIS UNIT.
THE GLASS THICKNESS IS BASED ON ITS' WIDTH, HEIGHT, AND ASPECT RATIO.

STANDARD 6'- 8" HIGH PANELS ARE NON REINFORCED

6'-8" HIGH	2'- 6" WIDE	DP +54 / -54
	3'- 0" WIDE	DP +47 / -47
	4'- 0" WIDE	DP +39 / -39
	5'- 0" WIDE	DP +35 / -35

STANDARD 8'- 0" HIGH PANELS ARE STEEL REINFORCED

8'-0" HIGH	2'- 6" WIDE	DP +57 / -57
	3'- 0" WIDE	DP +49 / -49
	4'- 0" WIDE	DP +40 / -40
	5'- 0" WIDE	DP +35 / -35

SPECIAL ORDER 6'- 8" HIGH PANELS - WITH STEEL REINFORCEMENT



BOX TO BE CHECKMARKED
AT FACTORY IF REINFORCED

2'- 6" WIDE	DP +71 / -71
3'- 0" WIDE	DP +62 / -62
4'- 0" WIDE	DP +52 / -52
5'- 0" WIDE	DP +46 / -46

THIS PRODUCT MEETS THE REQUIREMENTS FOR STRUCTURAL LOADS, WATER AND
AIR INFILTRATION PER ATTACHED AAMA PERFORMANCE LABEL. BE ADVISED THAT
IF LOADS ARE PLACED UP TO OR EXCEEDING THE TESTED LEVELS, THIS PRODUCT
MAY BE ALTERED IN SUCH A WAY THAT FUTURE PERFORMANCE WILL BE REDUCED.

* COMPLIANCE MUST INCLUDE INSTALLATION ACCORDING TO
MANUFACTURER'S INSTRUCTIONS AND FLORIDA CODE REQUIREMENTS.

MIP-687



NATIONAL CERTIFIED TESTING LABORATORIES

1464 GEMINI BOULEVARD • ORLANDO, FLORIDA 32837
PHONE (407) 240-1356 • FAX (407) 240-8882

STRUCTURAL PERFORMANCE TEST REPORT

Report No: NCTL-210-2065-1
Test Date: 06-21-00
Report Date: 09-25-00
Expiration Date: 09-25-04
Revision Date: 01/31/02

Client: MI Home Products

4314 Route 209

Elizabethville, 17023-8438

Test Specimen: Better Bilt Aluminum Product's Series "420" Type OXX Aluminum Sliding Glass Door. (SGD-C35)(Single Glazed)(Steel Reinforced)(with and without sill riser).

Test Method: AAMA/NWWDA 101/I.S.2-97, "Voluntary Specifications for Aluminum, Vinyl (PVC), and Wood Windows and Glass Doors."

Revision Note: Sill leg extension was revised from 1-1/8" to 1-1/4"

TEST SPECIMEN DESCRIPTION

General: The sample tested was a three (3) panel type OXX aluminum sliding glass door measuring 15-1-3/4" wide x 8'0-1/8" high overall. The active panel measured 5'0-1/2" wide by 7'11-1/8" high; the fixed panel measured 5'0-7/8" wide by 7'11-1/8" high. Frame and panel members were not thermally broken. A plastic spacer/guide was used at each panel head/stile corner. The fixed panel was secured to the jamb with two (2) 3" long aluminum angle retainers each fastened to the jamb stile with two (2) (#8 x 3/4") pan head screws. One (1) claw type door lock assembly was located at 40" from the bottom of each active panel lock stile each with two (2) screws. One (1) adjustable metal roller assembly was used at each end of the active bottom rails. The frame was of double screw coped corner construction. Panel corners were of single screw at bottom rail and double screw at the top rail. The interior vertical sill leg employed an extruded aluminum 1-1/4" high extension; an overall height of 2.031. One (1) aluminum panel retainer was fastened at 2" from each of the active panel bottom rail. One (1) extruded aluminum female panel adapter was fastened to the fixed panel but stile with five (5) (#8 x 1/2") screws. One extruded aluminum screen adapter was fastened to the butt stile using five (5) (#8 x 1/2") screws.

Installation: The main frame was fastened to the wood test buck using forty-eight (48) (#8 x 1/2") FHS. (See fastener diagram.)



MI Home Products

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NCTL-210-2065-1

Reinforcement: One (1) U-shaped galvanized steel reinforcing channel measuring 1-3/4" x 3/4" x 1/16" thick filled the length of the panel adapter stile. One (1) U-shaped galvanized steel reinforcing channel measuring 3/4" x 7/8" x 1/16" thick filled the length of each interlock stile.

Glazing: All panels were channel glazed using 3/16" thick clear tempered glass with a flexible vinyl glazing bead.

Weatherseal: Double strips of centerfin weatherstrip (0.270" high) were located at each jamb, stile and lock stile. A double strip of centerfin weatherstrip (0.180" high) was located at each interlock stile. A double strip of centerfin weatherstrip (0.250" high) was located at each panel top rail. A double strip of side fin weatherstrip (0.430" high) was located at each panel bottom rail. An adhesive back polypile dust plug measuring 1-3/16" x 13/16" x 0.420" was located on the head and sill at each end of the vertical stile exterior track.

Weeps: One (1) weep notch measuring 1-1/2" x leg height was located at each end of the interior sill roller leg, exterior sill roller leg and screen sill roller leg.

Interior & Exterior Surface Finish: Non-painted aluminum

Sealant: Frame and panel bottom rail corners were sealed with a small-joint sealant.

Insect Screen: Two (2) insect screens, one (1) center insect screen measuring 5'0-1/4" wide by 7'11" high; Both were of coped corner construction. The screen employed fiberglass mesh cloth with a hollow vinyl spline. One (1) roller assembly was located at each end of the bottom rails. One (1) claw type lock assembly.

TEST RESULTS

<u>Par. No.</u>	<u>Title of Test & Method</u>	<u>Measured</u>	<u>Allowed</u>
2.2.1.6.1	Operating Force Center Active Panel		
	To open	20 lbf	30 lbf
	In Motion	5 lbf	30 lbf
	Right Active Panel		
	To open	18 lbf	30 lbf
	In Motion	3 lbf	30 lbf
2.2.1.6.2	Deglazing - ASTM E987 Center Active Panel		
	Top Rail (50 lbf)	10.2 % (0.051")	100%
	Bottom Rail (50 lbf)	7.8 % (0.039")	100%
	Left Stile (70 lbf)	6.0 % (0.030")	100%
	Right Stile (70 lbf)	5.4 % (0.027")	100%



MI Home Products

3

NCTL-210-2065-1

<u>Par. No.</u>	<u>Title of Test & Method</u>	<u>Measured</u>	<u>Allowed</u>
2.2.1.6.2	Deglazing - ASTM E987 Right Active Panel		
	Meeting Rail (50 lbf)	8.4 % (0.042")	<100%
	Bottom Rail (50 lbf)	8.4 % (0.042")	<100%
	Left Stile (70 lbf)	8.0 % (0.040")	<100%
	Right Stile (70 lbf)	6.2 % (0.031")	<100%
2.1.2	Air Infiltration 1.57 psf(25mph)	Passed	0.30cfm/ft ²
2.1.3	Water Resistance-(5.0GPH/FT/2) WTP=4.50 psf	No entry	No entry
2.1.4.2	Uniform Load Structural - ASTM E330 45.0 psf Exterior 45.0 psf Interior	0.245" 0.258"	0.381" 0.381"

OPTIONAL PERFORMANCE

<u>Par. No.</u>	<u>Title of Test & Method</u>	<u>Measured</u>	<u>Allowed</u>
4.3 *	Water Resistance - ASTM E547 & E331 5.0 gph/ft ² WTP=5.25 psf	No Entry	No Entry

Note: At this point in testing, an additional sill riser was attached to the existing main sill's interior vertical leg with the following results being obtained:

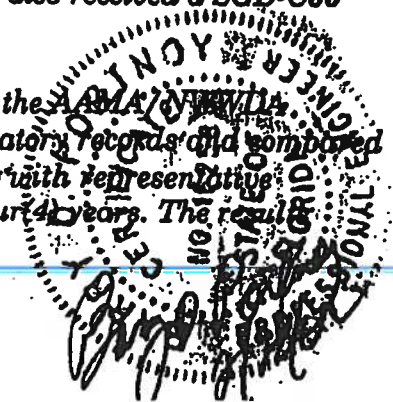
<u>Par. No.</u>	<u>Title of Test & Method</u>	<u>Measured</u>	<u>Allowed</u>
4.3 *	Water Resistance - ASTM E547 & E331 5.0 gph/ft ² WTP=6.00 psf	No Entry	No Entry
4.4.2	Uniform Load Structural - ASTM E330 52.5 psf Exterior 52.5 psf Interior	0.379" 0.380"	0.381" 0.381"

* Test performed with and without screen

TEST COMPLETED 07/15/98

Note: In addition, Better Bilt Aluminum Products' Series "430" and "440" also received a SGD-C35 rating being identical in panel construction and interior sill leg heights.

This test specimen meets the performance criteria level of (SGD-C35) of the AAMA/AMA 101/I.S. 2-97 specification. Detailed drawings were available for laboratory records and compared to the test specimen at the time of this report. A copy of this report along with representative sections of the test specimen will be retained by NCTL for a period of four years. The results obtained apply only to the specimen tested.



BETTER BILT ALUMINUM PRODUCTS
FLORIDA DOOR SERIES 420
COMPARATIVE ANALYSIS CHART IN DESIGN PRESSURE

CA980370
 07-Jan-2002
 98-0801

PANEL WIDTH >>	24	30	36	42	48	54	60
PANEL HEIGHT V							
80	85	71	62	56	52	48	46
96	69	57	49	44	40	37	35

TEST REPORT NOS. NCTL-210-2085-1 & 2

DESIGN PRESSURE ACHIEVED IN TEST: POS. & NEG. 35.0 PSF

WATER TEST PRESSURE: 5.25 PSF (SILL - 1-1/2" HGT.)

6.0 PSF (1-1/2" SILL W/ .500" ADAPTER - 2" HGT. O.A.)

TEST SIZE: 181 3/4" X 96 1/8"

CONFIGURATION TESTED: OXX

GLAZING: 3/16" TEMPERED GLASS

REINFORCING: (1) STL. CHAN. 1-3/4" X 3/4"

X 1/16" @ ADAPTER STILE;

(1) STL. CHAN. 3/4" X 7/8"

X 1/16" @ EA. INTRLK STILE

LIMITATIONS:

THE ABOVE VALUES ARE STRUCTURAL DESIGN LOADS & HAVE NOT BEEN CAPPED BY WATER PERFORMANCE.

WATER PRESSURE REQUIREMENT OF 15% OF DESIGN LOAD APPLIES, POSITIVE DESIGN LOADS WOULD BE LIMITED TO 35 PSF W/ 1-1/2" SILL & 40 PSF W/ 2" SILL.

PANEL WIDTHS AND HEIGHTS ARE NOMINAL.

PREPARED BY:

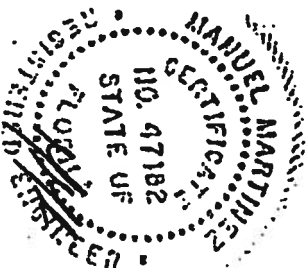
PRODUCT & APPLICATION ENGINEERING, INC.

250 INTERNATIONAL PARKWAY

SUITE 250

HEATHROW, FLORIDA 32748

PHONE 407 805-0363 FAX 407 805-0368



02-13-01

BETTER BILT ALUMINUM PRODUCTS **FLORIDA DOOR SERIES 420**

COMPARATIVE ANALYSIS CHART IN DESIGN PRESSURE

CA660371
 07-Jan-2002
 99-0801

PANEL WIDTH >>	24	30	36	42	48	54	60
PANEL HEIGHT							
V							
80	64	54	47	42	39	37	35

TEST REPORT NOS: NCTL-210-2085-4 & 3

DESIGN PRESSURE: POS. & NEG. 35.0 PSF

WATER TEST PRESSURE: 6.25 PSF (SILL - 1-1/2" HGT.)

6.0 PSF (1-1/2" SILL W/ 1/2" ADAPTER - 2" HGT. O.A.)

TEST SIZE: 181 3/4" X 82 1/8"

GLAZING: 3/16" TEMPERED GLASS

REINFORCING: NONE

CONFIGURATION TESTED: OXX

LIMITATIONS:

THE ABOVE VALUES ARE STRUCTURAL DESIGN LOADS & HAVE NOT BEEN CAPED BY WATER PERFORMANCE.
 WATER PRESSURE REQUIREMENT OF 15% OF DESIGN LOAD APPLIES, POSITIVE DESIGN LOADS WOULD BE LIMITED TO 35 PSF W/ 1-1/2" SILL & 40 PSF W/ 2" SILL.
 PANEL WIDTHS AND HEIGHTS ARE NOMINAL (IN INCHES).

PREPARED BY:

PRODUCT & APPLICATION ENGINEERING, INC.

280 INTERNATIONAL PARKWAY

SUITE 250

HEATHROW, FLORIDA 32748

PHONE 407 805-0365 FAX 407 805-0368



2

2

2

2

2

2



Duct System Summary Entire House

Touchstone Heating and Air, Inc.

Job: Selman Residence
Date: Jun 21, 2007
By:

P.O. Box 327, Lake Butler, FL 32054 Phone: 386-498-3487 Fax: 386-498-3147

Project Information

For: Concept / Selman Res
2109 W us 90 Suite 170-144, Lake City, FL 32055
Phone: 386-755-8867

	Heating	Cooling
External static pressure	0.00 in H ₂ O	0.00 in H ₂ O
Pressure losses	0.15 in H ₂ O	0.15 in H ₂ O
Available static pressure	-0.1 in H ₂ O	-0.1 in H ₂ O
Supply / return available pressure	-0.07 / -0.07 in H ₂ O	-0.07 / -0.07 in H ₂ O
Lowest friction rate	0.880 in/100ft	0.880 in/100ft
Actual air flow	1020 cfm	1020 cfm
Total effective length (TEL)	0 ft	

Supply Branch Detail Table

Name	Design (Btuh)	Htg (cfm)	Cig (cfm)	Design FR	Diam (in)	Rect Size (in)	Duct Matl	Actual Ln (ft)	Ftg.Eqv Ln (ft)	Trunk
BR 4	h 3185	155	80	0.880	7	0x0	VIFx	0.0	0.0	
Bath	h 787	38	20	0.880	4	0x0	VIFx	0.0	0.0	
BR 2	h 2752	134	75	0.880	6	0x0	VIFx	0.0	0.0	
BR 3	h 1798	88	61	0.880	5	0x0	VIFx	0.0	0.0	
Living/Kitchen-A	c 3912	122	201	0.880	8	0x0	VIFx	0.0	0.0	
Living/Kitchen	c 3912	122	201	0.880	8	0x0	VIFx	0.0	0.0	
Laundry	c 3437	56	177	0.880	7	0x0	VIFx	0.0	0.0	
Master BR	h 3813	188	121	0.880	7	0x0	VIFx	0.0	0.0	
Master Bath	h 2477	121	82	0.880	6	0x0	VIFx	0.0	0.0	

Return Branch Detail Table

Name	Grill Size (in)	Htg (cfm)	Cig (cfm)	TEL (ft)	Design FR	Veloc (fpm)	Diam (in)	RectSize (in)	Stud/Joist Opening (in)	Duct Matl	Trunk
rb1	0x0	1020	1020	0.0	0.880	577	18	0x 0		VIFx	

Bolditalic values have been manually overridden



wrightsoft

Right-Soft Residential 6.0.50 RSR28972

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Page 1



Load Short Form Entire House Touchstone Heating and Air, Inc.

Job: Selman Residence
Date: Jun 21, 2007
By:

P.O. Box 327, Lake Butler, FL 32064 Phone: 386-496-3487 Fax: 386-496-3147

Project Information

For: Concept / Selman Ras
2109 W us 90 Suite 170-144, Lake City, FL 32055
Phone: 386-755-8887

Design Information

	Htg	Clg	Method	Infiltration
Outside db (°F)	33	92	Construction quality	Simplified
Inside db (°F)	68	75	Fireplaces	Average
Design TD (°F)	35	17		1 (Average)
Daily range	-	M		
Inside humidity (%)	-	50		
Moisture difference (gr/lb)	-	52		

HEATING EQUIPMENT

Make Trane
Trade XR14 Weathertron
Model 2TWR4030A1

Efficiency 8 HSPF
Heating input 28200 Btuh @ 47°F
Heating output 25 °F
Temperature rise 1020 cfm
Actual air flow 0.049 cfm/Btuh
Air flow factor 0.00 in H2O
Static pressure
Space thermostat

COOLING EQUIPMENT

Make Trane
Trade XR14 Weathertron
Cond 2TWR4030A1
Coil TXC031S3

Efficiency 13 SEER
Sensible cooling 21420 Btuh
Latent cooling 9180 Btuh
Total cooling 30600 Btuh
Actual air flow 1020 cfm
Air flow factor 0.051 cfm/Btuh
Static pressure 0.00 in H2O
Load sensible heat ratio 0.72

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
BR 4	145	3185	1555	155	80
Bath	66	787	395	38	20
BR 2	133	2762	1461	134	75
BR 3	122	1798	1193	88	61
Living/Kitchen	470	4992	7824	243	402
Laundry	74	1146	3437	56	177
Master BR	223	3813	2361	186	121
Master Bath	119	2477	1595	121	82
Entire House	1352	20949	19832	1020	1020
Other equip loads		4889	2375		
Equip. @ 0.97 RSM			21540		
Latent cooling			8446		
TOTALS	1352	25838	29988	1020	1020

Printout certified by ACCA to meet all requirements of Manual J 8th Ed.



wrightsoft Right-Size Residential 8.0.90 RSR29972

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2007-Jun-21 09:04:00

Page 1

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

26121

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 321 N.W. Cole Terrace, Suite 107 City Lake City State FL Zip 32055
Company Business License No. JB10878 Company Phone No. 386-755-3611 • 362-494-5751
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Treasure Coast Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 297 S.E. Zoray Ct
Bolton T.F. Fl

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 12 Inside 12 Type of Fill Block

Section 4: Treatment Information

Date(s) of Treatment(s) 8-29-07
Brand Name of Product(s) Used B.T.
EPA Registration No. 53483-149
Approximate Final Mix Solution % .06
Approximate Size of Treatment Area: Sq. ft. 1750 Linear ft. 144 Linear ft. of Masonry Voids 154
Approximate Total Gallons of Solution Applied 227
Was treatment completed on exterior? ☐ Yes ☐ No
Service Agreement Available? ☐ Yes ☐ No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments Treated 27x50 Support Slab

Name of Applicator(s) Steve Brenner Certification No. (if required by State law) _____

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature [Signature] Date 8.29.07

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Form NPCA-99-B may still be used

form HUD-NPCA-99-B (04/2003)

COLUMBIA COUNTY OF FLORIDA

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 26-5S-17-09392-000

Building permit No. 000026121

Use Classification SFD, UTILITY

Fire: 0.00

Permit Holder CONCEPT CONSTRUCTION OF NORTH

Waste:

Owner of Building THOMAS & SHERRY SELMAN

Total: 0.00

Location: 297 SE LEROY COURT, LAKE CITY, FL

Date: 12/06/2007

Wayne D. Lane

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)

CERTIFICATE OF OCCUPANCY

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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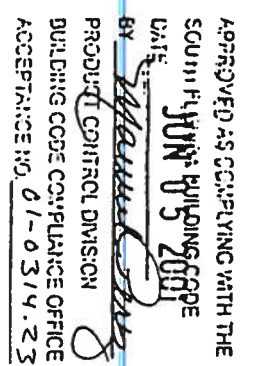
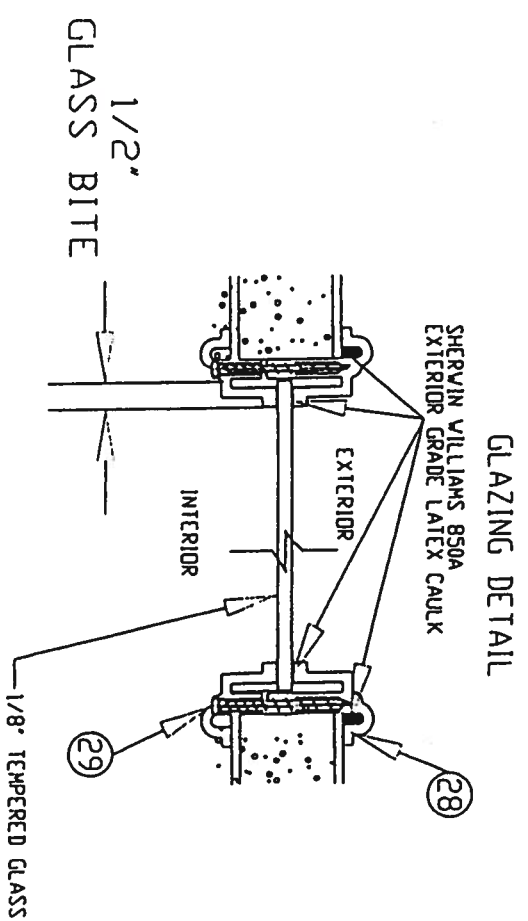
Date: 12/06/2007

Wayne D. Ruse

Building Inspector

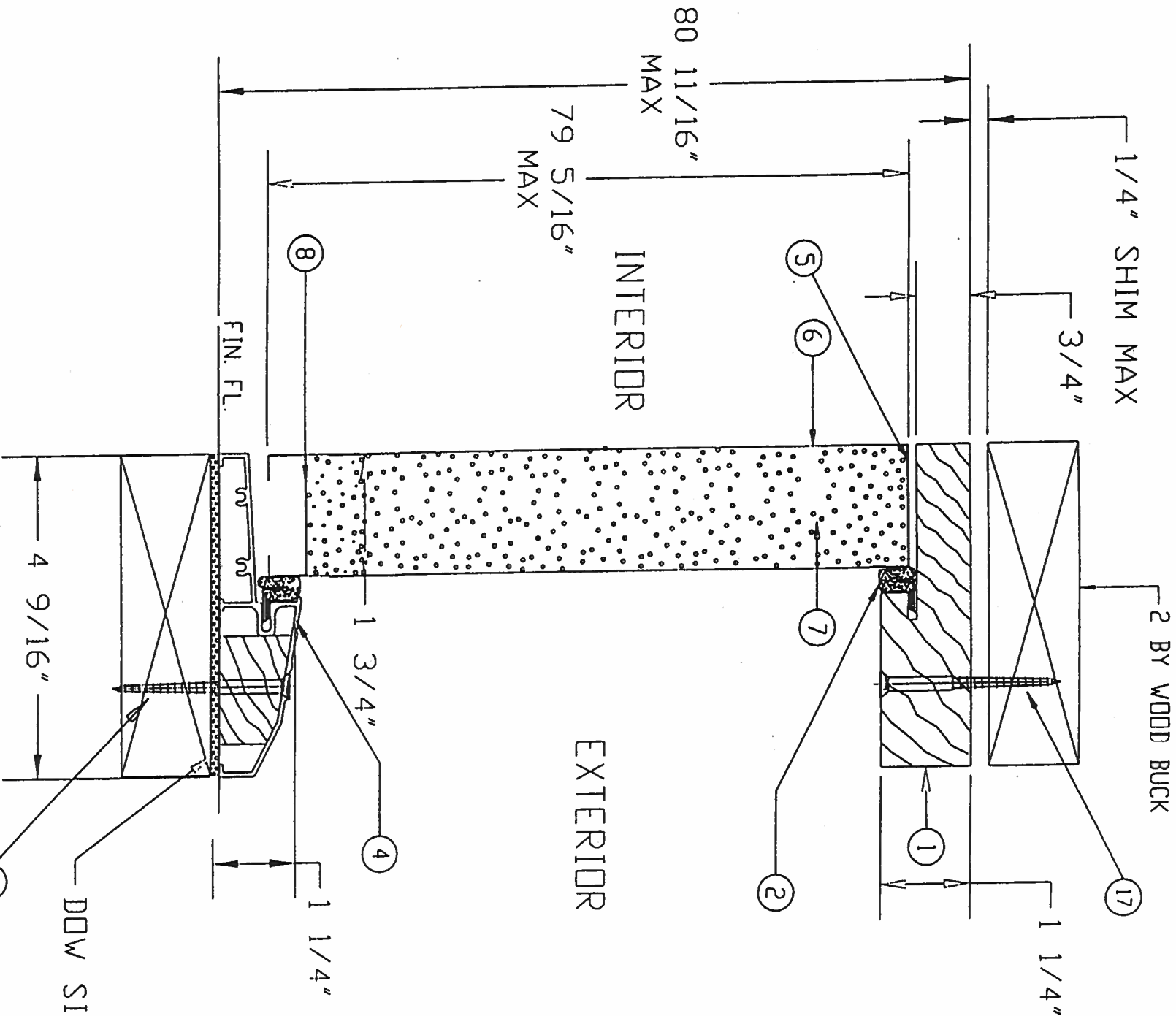


POST IN A CONSPICUOUS PLACE
(Business Places Only)

[illegible]

MATERIALS LIST

ITEM NO.	DESCRIPTION	PART NUMBER	COMMENTS
①	WOOD HEAD JAMB	EM-14	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
②	COMPRESSION WEATHERSTRIP	EM-25	LOCKSCREEN BRAND LOXSEAL 9650-BRONZE
③	ALUMINUM ASTRAGAL	EM-12	PREMDOR BRAND OR EQUIVALENT - 5/8" ALUMINUM ASTRAGAL
④	ALUMINUM-BUMPER THRESHOLD	EM-15	PREMDOR BRAND OR EQUIVALENT - 1 1/4" X 4 9/16"
⑤	TOP CHANNEL	EM-08	PREMDOR BRAND - 1 11/16" - 20 GA STEEL
⑥	STEEL SKIN	26 ga. (M7 +.004 - .000)	MAX THICKNESS 35.000 PSI MIN THICKNESS PER LOCKSET TEST REPORT IS .02"
⑦	POLYURETHANE FOAM CORE	BASF FOAM - DENSITY 2.0 TO 2.5 lbs./ft ³	
⑧	BOTTOM CHANNEL	EM-07	PREMDOR BRAND - 1 11/16" - 20 GA STEEL
⑨	WOOD LOCK BLOCK	EM-09	4" X 9 1/2" MTL. TO BE PINE OR EQUIVALENT
⑩	STRIKE STILE	EM-06	PREMDOR BRAND - 1 11/16" - 20 GA STEEL
⑪	HINGE STILE	EM-05	PREMDOR BRAND - 1 11/16" - 20 GA STEEL
⑫	LOCK PREP FILLER PLATE	EM-10	PREMDOR BRAND - .050" THICK - MTL. TO BE POLYETHYLENE
⑬	4"x4" HINGE	EM-16	HAGER BRAND HINGE OR EQUIVALENT - .097 THICK (STEEL)
⑭	WOOD HINGE JAMB	EM-13	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
⑮	#10-24 x 1/2" F.H.W.S.		(4) SCREWS PER HINGE INTO DOOR
⑯	#10 X 2" F.H.W.S.		(5) SCREWS THROUGH HINGE JAMB INTO SIDELITE JAMB, 8" DOWN FROM TOP, MAX 18" O.C. THEREAFTER (10) SCREWS THROUGH STRIKE JAMB INTO SIDELITE JAMB, 4" DOWN FROM TOP, MAX 8" O.C. THEREAFTER (6) SCREWS THROUGH EACH SIDELITE JAMB INTO SIDELITE, 4" DOWN FROM TOP, MAX 15" O.C. THEREAFTER
⑰	#10 F.H.W.S. V/MINIMUM 1 1/2" EMBEDMENT OR 3/16" F.H. LAP JOINTS V/MINIMUM 1 1/2" EMBEDMENT		REFER TO ELEVATION VIEW, FOR # OF SCREWS USED AND LOCATIONS
⑱	#10 X 3/4" F.H.W.S.		(2) SCREWS PER HINGE INTO JAMB
⑲	#8 x 2" F.H.W.S.		(2) SCREWS AT EACH STRIKE PLATE
⑳	LOCKSET		KWIKSET BRAND 200 LOCK OR HARLOC BRAND 100 LOCK
㉑	#10 X 1 3/4" F.H.W.S.		(2) SCREWS PER HINGE INTO JAMB
㉒	WOOD SIDELITE JAMB	EM-18	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
㉓	22" X 64" SINGLE PANEL GLASS	EM-19	TEMPERED GLASS IN POLYPROPYLENE FRAME - DC-1643 - (DDL-23)
㉔	SIDELITE TRIM (WOOD)	EM-20	5/16" X 1/2" MTL. TO BE PINE OR EQUIVALENT
㉕	WOOD CASING	EM-21	1/8" x 1" MTL. TO BE PINE OR EQUIVALENT - ITEMS ARE MOLDINGS USED FOR SIDE BY SIDE JAMBS AS MULLIONS
㉖	WOOD SIDELITE HEAD JAMB	EM-22	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
㉗	WOOD SIDELITE BASE	EM-23	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
㉘	POLYPROPYLENE LITE FRAME	DC-1643, DDL-2	HP Polypropylene by DDL
㉙	#6 X 1 1/2" PAN HEAD SCREWS		18 PER FRAME TO EXCEED 14" O.C. THEREAFTER.
㉚	SIDELITE STILES	EM-26	15/16" X 1 11/16" MTL. TO BE PINE OR EQUIVALENT
㉛	PIN NAIL		3/4" LONG NAIL, 4" IN FROM END, MAX 8" O.C. THEREAFTER, USED ON MULLIONS AND TRIM



DOW SILICONE #995

APPROVED AS COMPLYING WITH THE

SOUTH FLORIDA BUILDING CODE

DATE JUN 05 2001

BY Mark J. Jetterson

PRODUCT CONTROL DIVISION

BUILDING CODE COMPLIANCE OFFICE

ACCEPTANCE NO. 01-0374-23

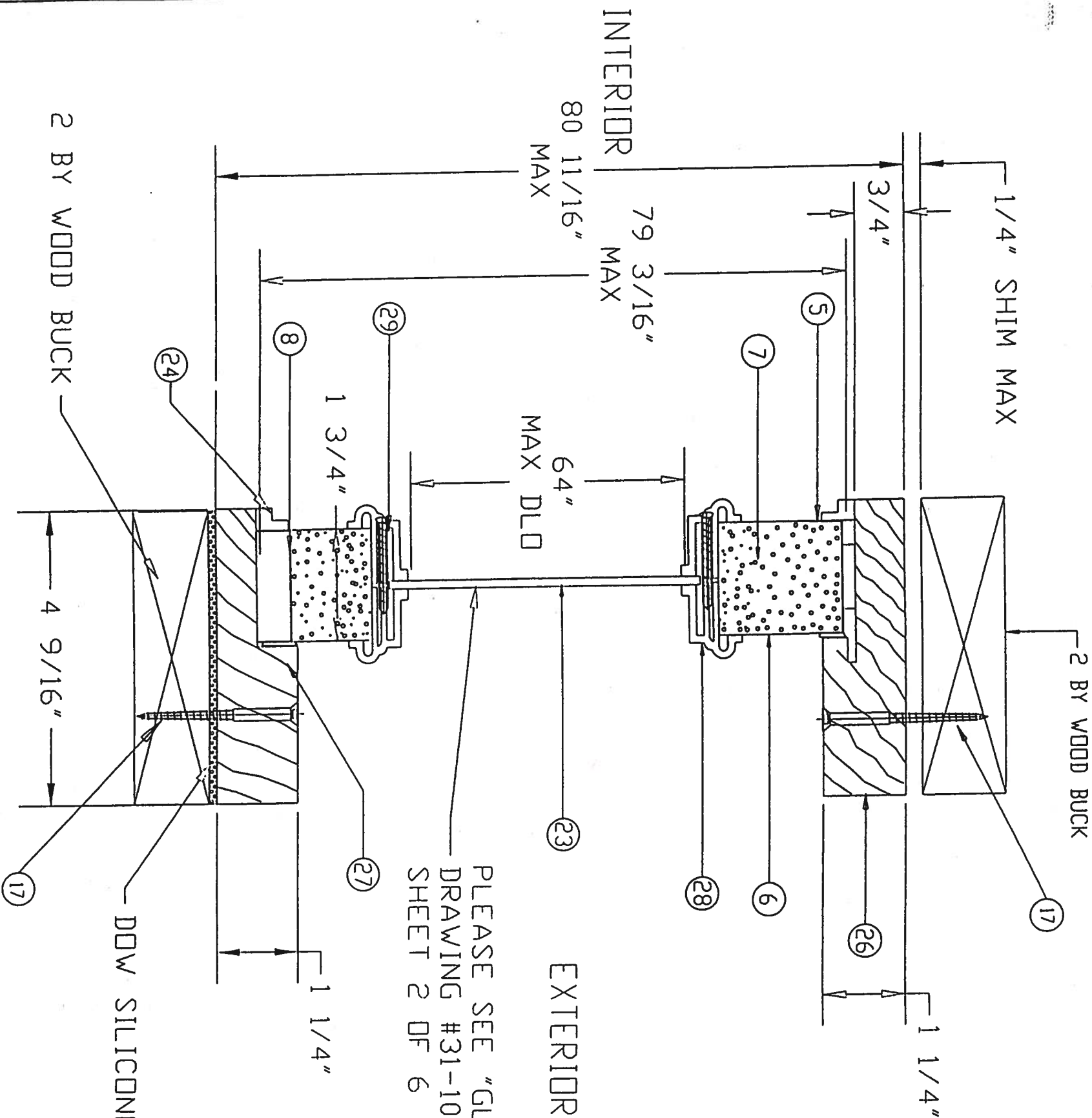
SECTION B-B

PREMDOR ENTRY SYSTEMS

31-1029-FM-1

SHEET 3 OF 6

REVISION LETTER B



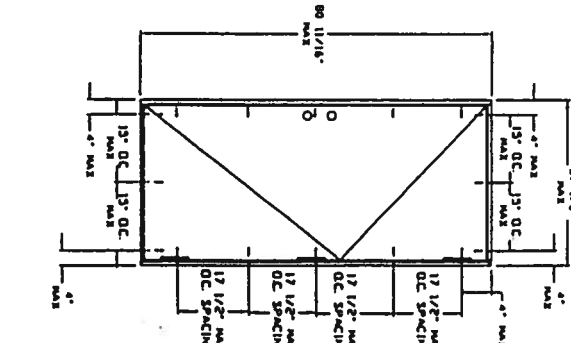
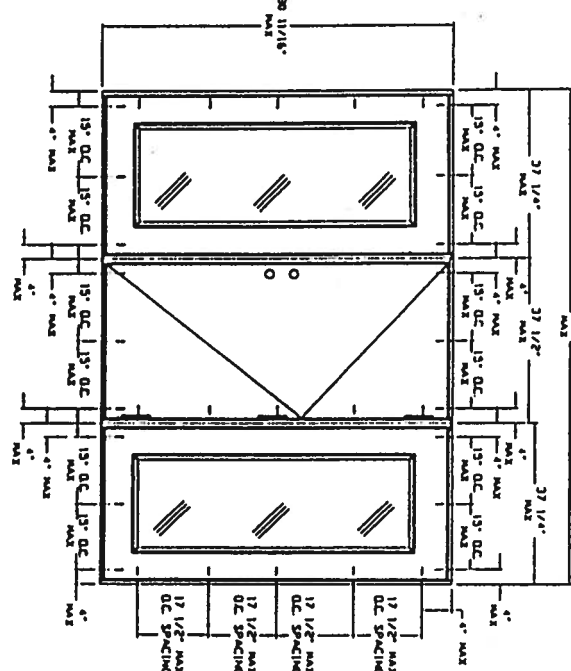
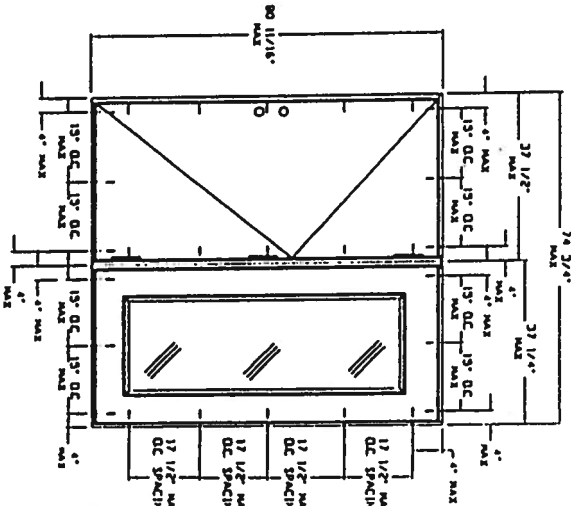
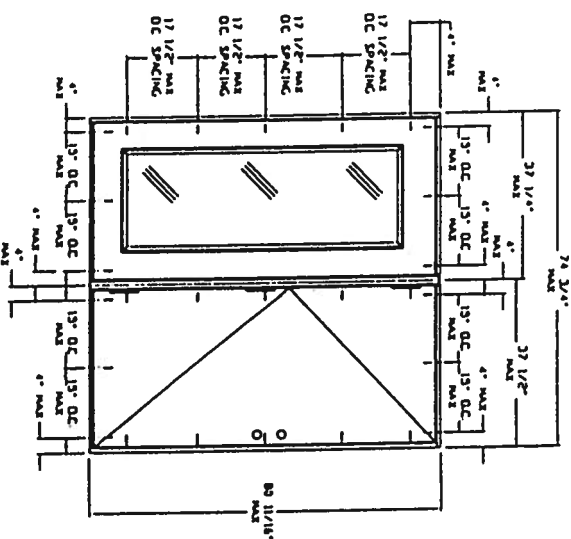
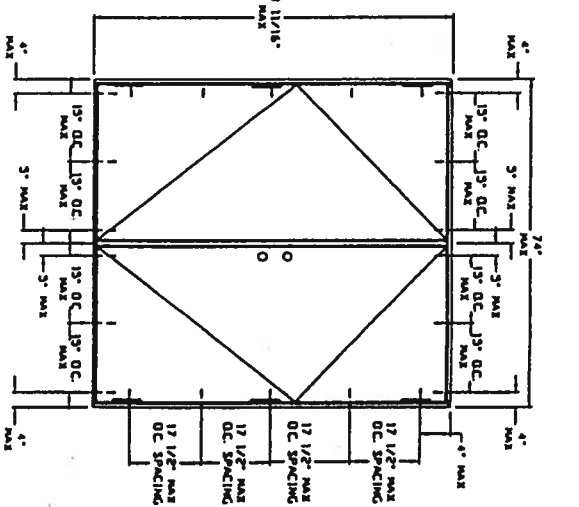
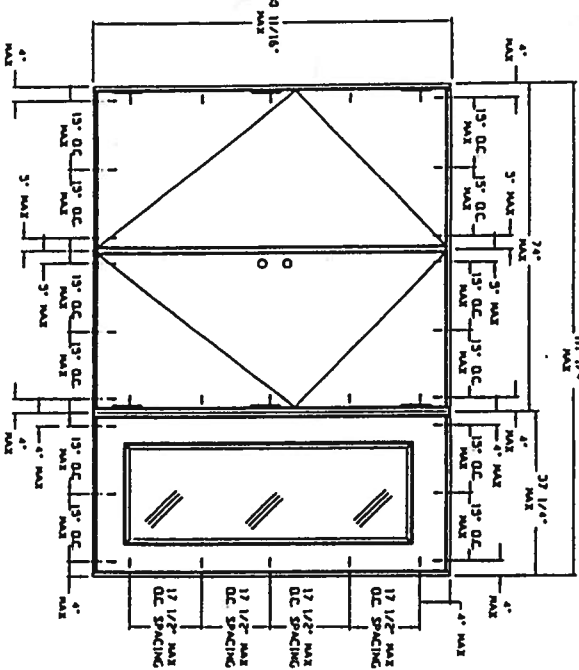
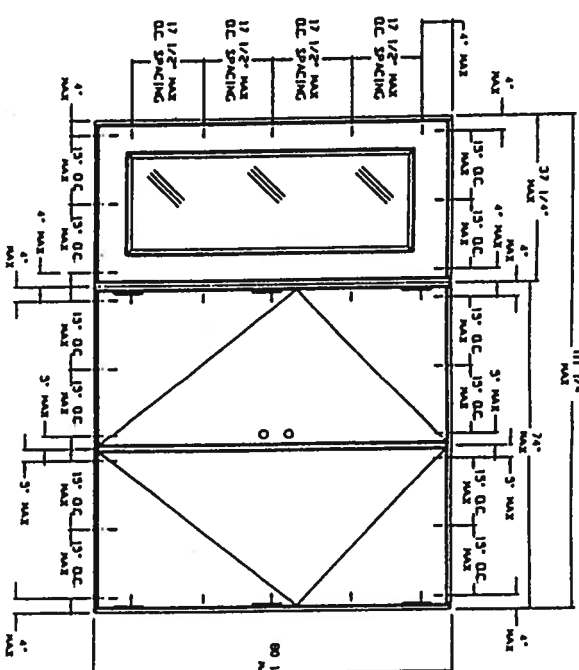
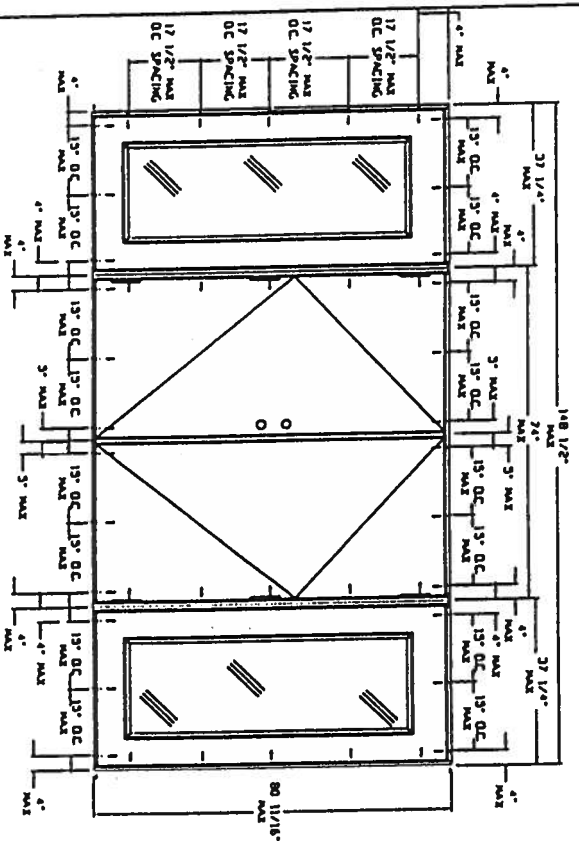
PLEASE SEE "GLAZING DETAIL"
DRAWING #31-1029-EM-I
SHEET 2 OF 6

SECTION C-C

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE JUN 05 2004
BY M. M. M. M.
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0314.23

LIMITS: UNLESS NOTED, FRAC. :		DEC.	:	ANG.	:
EXTENSIONS: UNLESS NOTED, STD. CONVL. 10L'S.					
ENGINEER:					
DR. BY: R.S.					
DATE: 7-29-97					
PREMDR ENTRY SYSTEMS					
911 E. JEFFERSON					
PITTSBURG, KS. 66762					
PART NAME: ENERGY METAL EDGE SILL/LITE (C-C)		SCALE:			
PART NAME: ENERGY METAL EDGE SILL/LITE (C-C)		SCALE:			
D	DADE COUNTY MODIFICATIONS	1/11/01	JD		
C	MATERIAL WAS POLYSTYRENE	6-2-99	RS		
B	ADDED PAGE 5 (DOOR OPTIONS)	10-1-98	RS		
A	ADD SCREWS TO LITE FRAME & MATERIAL LIST	12-18-97	RS		
LIR.		REVISIONS		DATE	BY

OTHER DOOR CONFIGURATIONS



OX

XO

OXO

X

APPROVED AS COMPLYING WITH THE

SOUTH FLORIDA BUILDING CODE

DATE JUN 05 2007

BY *Michael J. Jones*

PRODUCT CONTROL DIVISION

BUILDING CODE COMPLIANCE OFFICE

ACCEPTANCE NO. 01-0314.23

LIMITS: UNLESS NOTED, FRAC. :	DC :	ANG. :		
EXTENSIONS: UNLESS NOTED, STD. CONN. IDS.				
ENGINEER:	LIR :	REVISIONS	DATE	BY
	PART NAME:			
	MAIL:			

DR. BY J.D. DATE 1-11-01

PREMIER ENTRY SYSTEMS

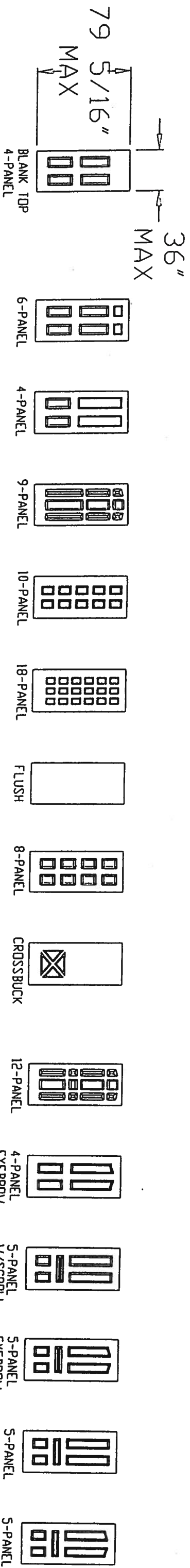
911 E. JEFFERSON
PITTSBURG, KS 66762

31-1029-EM-1

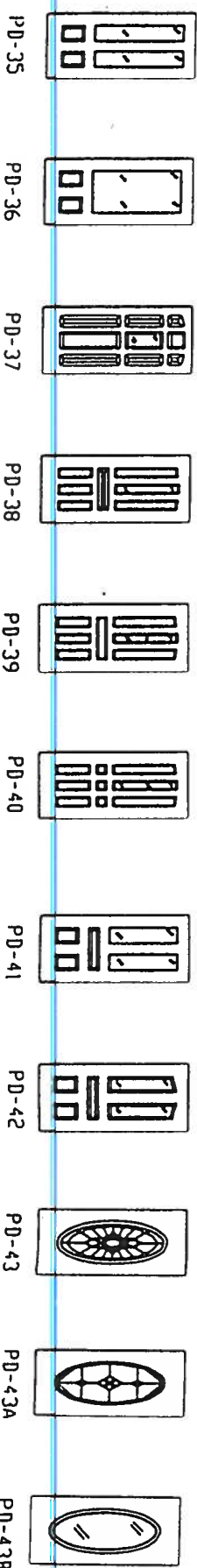
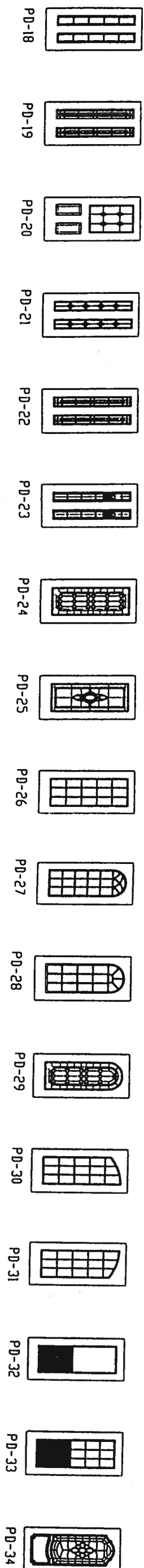
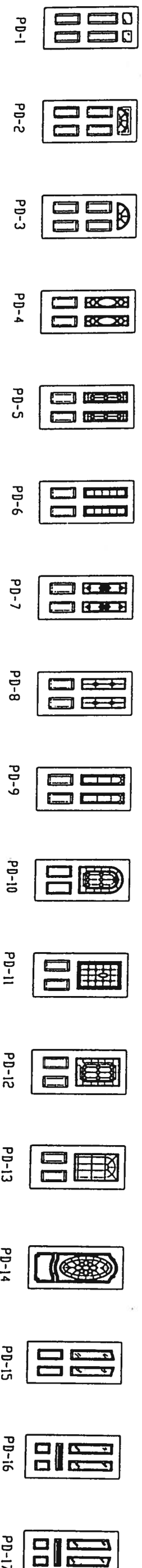
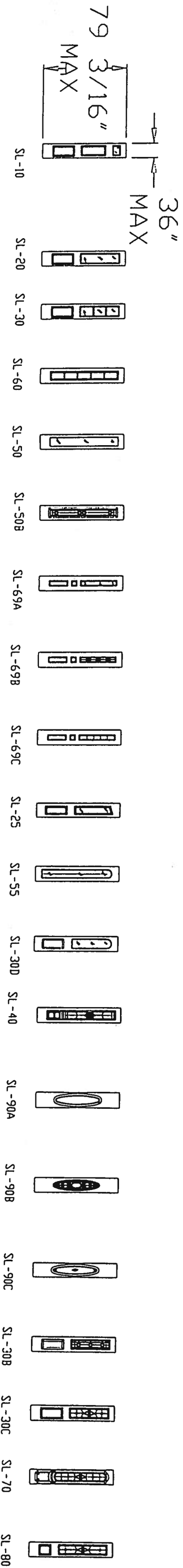
SHEET 5 OF 6

REVISION 1 FTIR

OTHER DOOR PANEL STYLES



OTHER SIDELITE STYLES

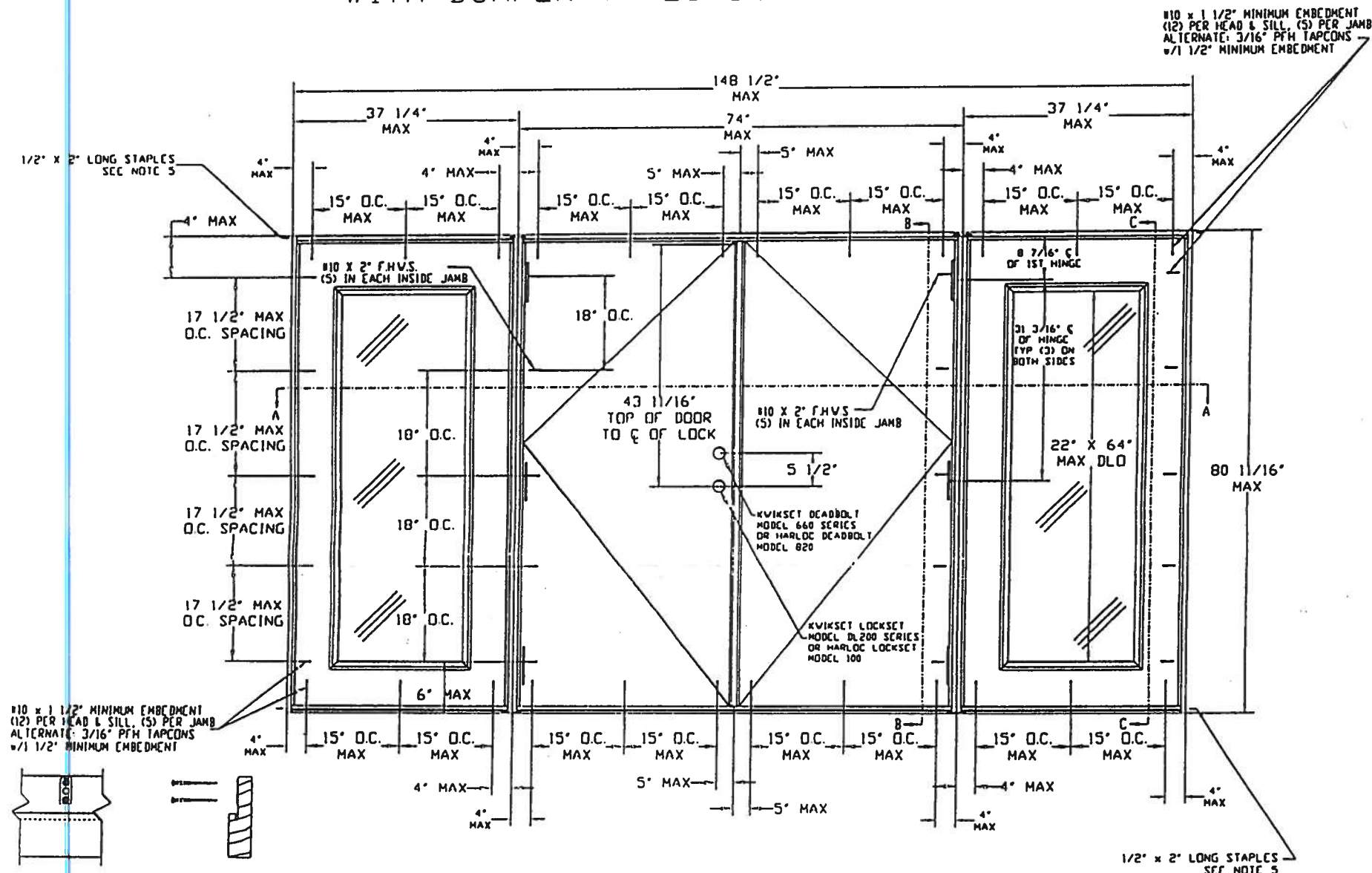


APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE JUN 05 2001
BY *Maunick Ture*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO 01-0314.23

LIMITS: UNLESS NOTED, FRAC. : DEC. : ANG. :
EXTENSIONS: UNLESS NOTED, STD. COM. 10.5.
ENGINEER: *J.D.* LIR. :
PART NAME: PREMODOR DOOR OPTIONS
SCALE: 1/4" = 1'-0"

PREMODOR ENTRY SYSTEMS
911 E. JEFFERSON
PILLSBURY, KS 66762
31 1029 EM-1
SHEET 6 OF 6
REVISION LETTER

PREMDOR (ENTERGY BRAND) DOUBLE DOOR
WITH SIDELITES IN WOOD FRAMES
WITH BUMPER THRESHOLD (INSWING)



ATTACH ASTRAGAL THROW BOLT
STRIKE PLATE TO THE HEADER
AND THRESHOLD WITH #10 x 1 3/4\"/>

NOTES:

WOOD BUCKS BY OTHERS. MUST BE ANCHORED
PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
THE PRECEDING DRAWINGS ARE INTENDED TO
QUALIFY THE FOLLOWING INSTALLATIONS.

WOOD FRAME CONSTRUCTION WHERE DOOR
SYSTEM IS ANCHORED TO A MINIMUM TWO BY WOOD
PENING.

MASONRY OR CONCRETE CONSTRUCTION WHERE
DOOR SYSTEM IS ANCHORED TO A MINIMUM TWO BY
STRUCTURAL WOOD BUCK.

MASONRY OR CONCRETE CONSTRUCTION WHERE
DOOR SYSTEM IS ANCHORED DIRECTLY TO CONCRETE
OR MASONRY WITH OR WITHOUT A NON-STRUCTURAL
NE BY WOOD BUCK.

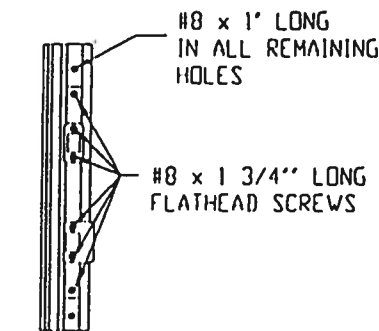
ALL ANCHORING SCREWS TO BE #10 WITH
MINIMUM 1 1/2\"/>

UNIT MUST BE INSTALLED WITH 'MIAMI-DADE COUNTY
APPROVED' SHUTTERS
THREE STAPLES PER SIDE JAMB INTO HEADER ON SIDELITES
AND DOOR, THREE STAPLES PER JAMB INTO THRESHOLD ON
SIDELITES AND DOOR.

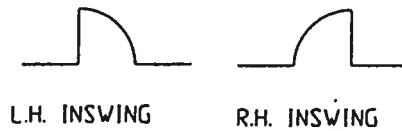
LATEX SEALANT TO BE APPLIED AT SIDE BY SIDE
JAMBS AND SIDELITES.

DOOR/SIDELITE HEADER, DOOR/SIDELITE JAMBS, AND SIDELITE BASE
CORNERS ARE COPED AND BUTT JOINED.

DOORS SHALL BE PRE-PAINTED WITH A WATER-BASED EPOXY RUST
INHIBITIVE PRIMER PAINT WITH A DRY FILM THICKNESS OF 0.8 TO 1.2 MIL.
FRAMES SHALL BE PRE-PAINTED WITH AN ACRYLIC LATEX WATER-BASED/
WATER-REDUCIBLE WHITE PRIMER WITH A DRY FILM THICKNESS OF 0.8 TO 1.2 MIL.



ASTRAGAL



DESIGN PRESSURE RATINGS		
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED *	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
Positive	NOT APPROVED *	+55.0 psf
Negative	NOT APPROVED *	-55.0 psf

* UNITS SHALL BE INSTALLED ONLY AT LOCATIONS PROTECTED BY A CANOPY OR
OVERHANG SUCH THAT THE ANGLE BETWEEN THE EDGE OF CANOPY OR OVERHANG
TO SILL IS LESS THAN 45 DEGREES. UNLESS UNIT IS INSTALLED IN
NON-HABITABLE AREAS WHERE THE UNIT AND THE AREA ARE DESIGNED TO
ACCEPT WATER INFILTRATION.

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE JUN 05 2001
BY *Marcus Terry*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0314.23

LIMITS: UNLESS NOTED, FRAC. : DEC. : ANG. :		C	DADE COUNTY MODIFICATIONS		11/11/00	JD
EXTRUSIONS: UNLESS NOTED, STD. COM. TOL'S.		B	ADDED PAGE 5 (DOOR OPTIONS)		10-1-98	RS
ENGINEER:		A	ADD OTHER DOOR CONFIGURATIONS		12/18/97	RS
DR. BY R.S.		LTR	REVISIONS		DATE	BY
DATE 7-29-97		PART NAME: ENTERGY METAL (CNC) DOUBLE DOOR W/ SIDELITES		SCALE: N.T.S.		
PREMDOR ENTRY SYSTEMS		31-1029-EM-I		SHEET 1 OF 6		
911 E. JEFFERSON						
PITTSBURG, KS. 66762						
				REVISION LETTER		C